

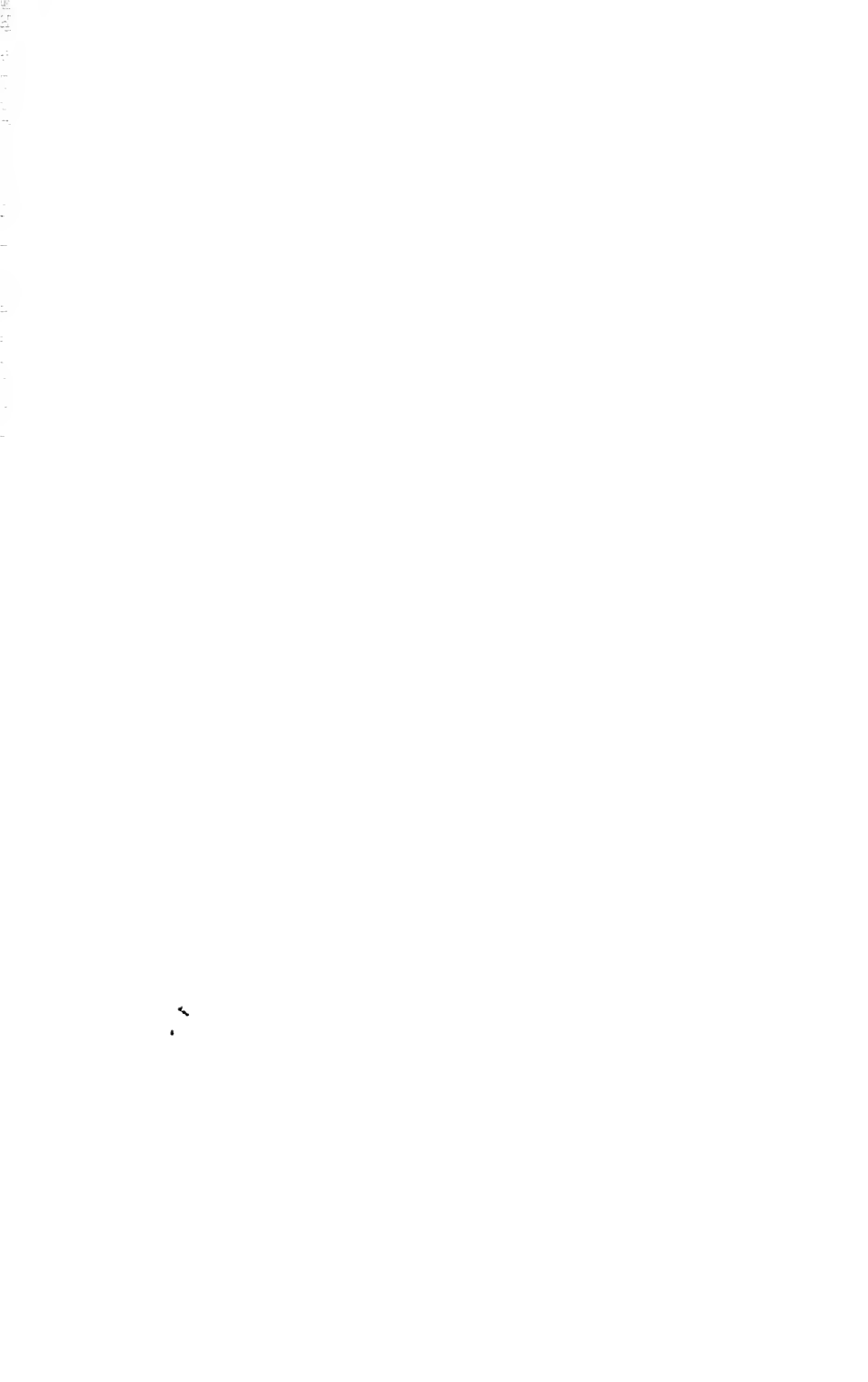


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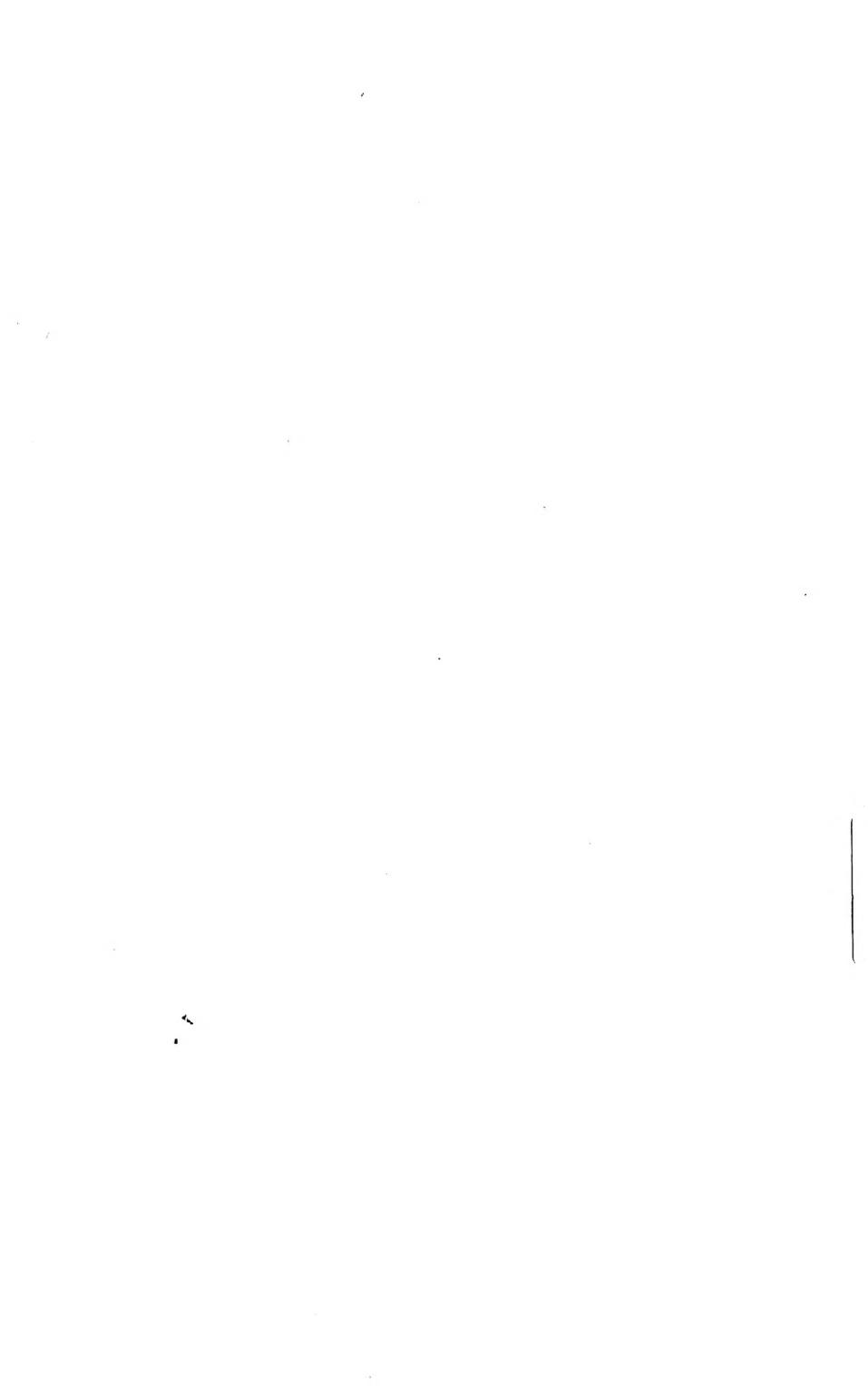


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The University Record
of the
University of Florida

The University Summer Session
of 1930



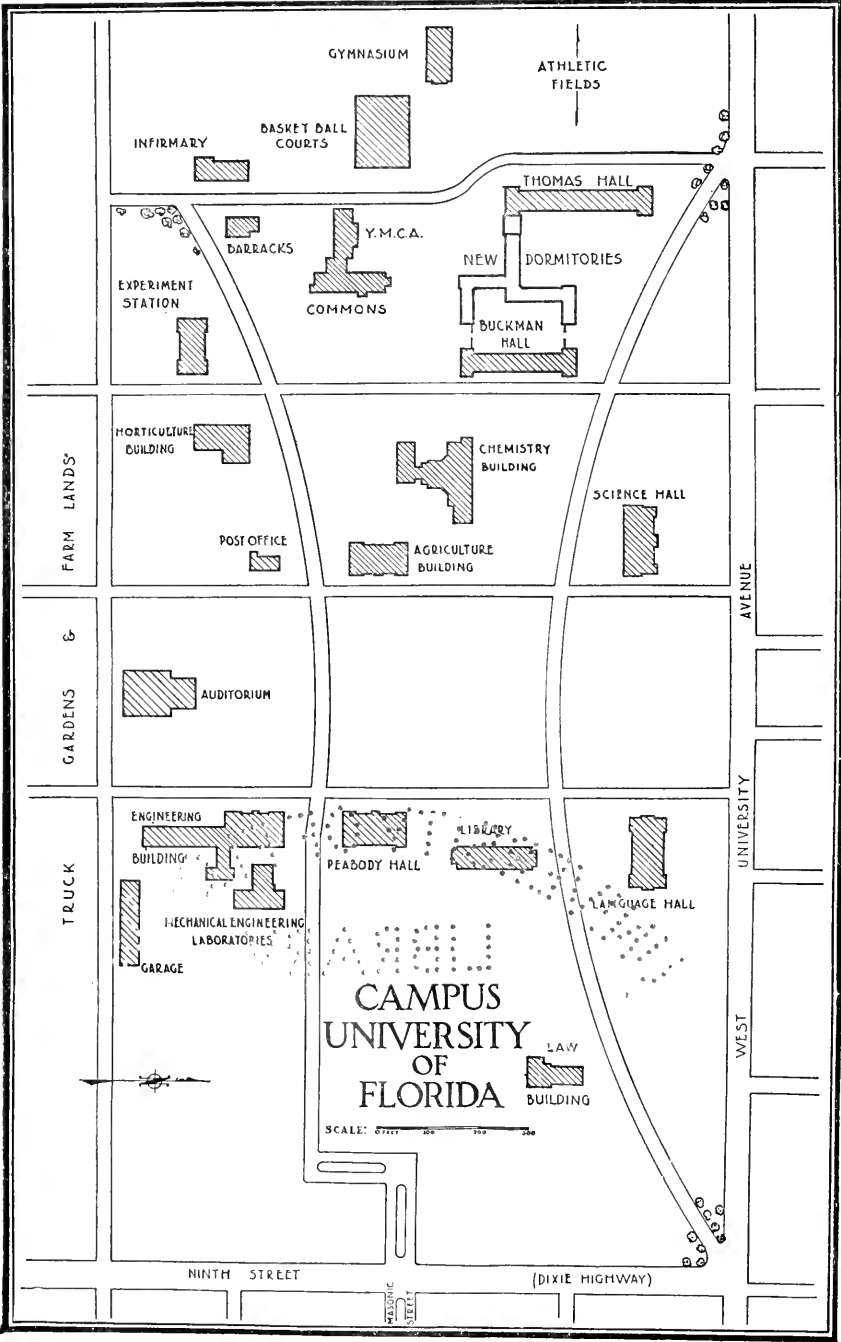
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University Publications.

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NINTH STREET

(DIXIE HIGHWAY)

UNIVERSITY AVENUE WEST

CAMPUS UNIVERSITY OF FLORIDA

SCALE: 0 50 100 200

METRIC SYSTEM

SUMMER SCHOOL CALENDAR

SUNDAY, JUNE 15.—Dormitories open. Supper served. (Students, however, are requested not to arrive on Sunday.)

MONDAY, JUNE 16.—First Faculty Meeting, 8:00 A.M., Peabody Hall, Room 205.

MONDAY, JUNE 16.—Registration of students in Peabody Hall, 9:00-12:00; 1:30-5:00.

TUESDAY, JUNE 17.—Registration continued, 8:00 - 12:00; 1:30-5:00.

WEDNESDAY, JUNE 18.—Classes begin, 8:00 A.M.

FRIDAY, JULY 4.—Holiday.

WEDNESDAY, JULY 16.—Last day for graduate students' application blanks to be submitted to the Chairman of Graduate Committee.

WEDNESDAY, JULY 23.—Last day to submit theses for master's degrees.

SUNDAY, AUGUST 3.—Baccalaureate Sermon in the Auditorium, 8:00 P.M.

WEDNESDAY, AUGUST 6.—Last day for application for extension of certificate.

THURSDAY, AUGUST 7.—Graduating exercises in the Auditorium, 8:00 P.M.

FRIDAY, AUGUST 8.—Summer School ends, 12:00 M. Lunch last meal served in the Commons.

FRIDAY, AUGUST 8.—Final Faculty Meeting, 7:00 P.M., for purpose of recommending students for extension of certificates.

IMPORTANT DIRECTIONS

To Students:

After arriving at the University:

1. For room reservations in the dormitories, see Mrs. Margaret Peeler, south end of Buckman Hall, Room No. 43.
2. For outside boarding accommodations, see Dean of Women, Room 106, Peabody Hall, or New Dormitory, Room 144.
3. For arrangements for boarding in the University Cafeteria, see Cashier, 1st floor of Language Hall.
4. For information concerning social activities among women students, or any other matter of interest to women, see Dean of Women, Peabody Hall, Room 106, or New Dormitory, Room 144.

To Faculty:

All members of the Faculty will meet in Peabody Hall at 8:00 A.M. Monday, June 16, to assist in the registration of students.

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Assistant Catalog Department

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University Organist

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Resident Physician

ROSA GRIMES, R.N.
Nurse

MRS. B. C. McGARRAH, B.S.
Dietitian

MRS. MARGARET PEELER
Housekeeper

FACULTY

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Latin

MONTGOMERY DRUMMOND ANDERSON, Ph.D.
Business Administration

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Philosophy

JAMES MARION FARR, Ph.D.

English

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LILLIAN FOULKS

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Education

EDWARD WALTER GARRIS, Ph.D.

Agricultural Education

ALMA GAULT, R.N.

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ANGUS MACKENZIE LAIRD, M.A.

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ELLSWORTH GAGE LANCASTER, Ph.D.

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Law

JOHN EDWIN TURLINGTON, Ph.D.

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RUTH NEWELL UPSON

Supervising Teacher

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Accounting

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Director School of Architecture

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Voice

UNIVERSITY OF FLORIDA SUMMER SCHOOL

Twenty-First Annual Session

HISTORICAL NOTE. — The University of Florida Summer School is now a part of our educational program so well established as to be taken for granted. It may not be wise, however, to forget the early stages, the pioneer work from which came our present favored condition.

In 1893 a uniform law for the certification of teachers by examination was enacted. To meet this emergency teachers and aspirants for teaching positions were forced to prepare themselves for these examinations. At first principals in the larger centers held private schools with courses to the purpose. Necessarily the fees were low, the terms short, the method intensive cramming, the venture precarious.

During the next twenty years, the number of public schools increased rapidly, courses were enlarged, standards raised. To meet this situation the State began to employ the more able teachers to conduct summer schools at places most suitable, the terms being from four to six weeks, depending upon attendance. Standards continued to be raised, however, and needs increased so rapidly that the State finally concentrated all of its efforts in the Florida State College for Women at Tallahassee and the University of Florida at Gainesville.

A steady growth of the University Summer School has resulted naturally from placing the training of teachers upon a more dignified and dependable basis. From an enrollment of 140 in 1913, most of whom were pursuing review courses for the teachers' examinations, the attendance has increased to more than 1,600, most of whom are pursuing courses leading to college degrees.

This change from a student body composed almost entirely of students preparing for teachers examinations, to a student body composed almost entirely of students of college grade has raised the question as to whether it would not be wise to discontinue the review courses entirely. After long consideration it has been decided to do this and for the first time the subjects of study for the Summer School of 1930 will be entirely of college rank. No review courses will be offered.

ENTRANCE TO THE UNIVERSITY.—For this reason, admission will be granted to only two classes of students:

- (1) Students who can satisfy the requirements for admission (see page 24).
- (2) Adult Special students who are twenty-one years of age.

THE LIBRARY.—The University Library contains about 60,000 volumes. Many new titles have been added during the past year. The Pedagogical library will be of especial interest to the Summer School students for it contains many books on educational theory, general and special methods, history of education, psychology and philosophy. All books are classified according to the Dewey Decimal Classification. The catalog is a dictionary catalog of authors, subjects and titles in one alphabetical arrangement.

The library receives 501 general and technical periodicals, the current numbers of which are to be found in the reading room. The files of bound periodicals are particularly valuable for use in reference work. Many of the daily and weekly state papers are donated by the publishers.

The Library now occupies the first part of the first unit of the Library Building. The main reading room is on the second floor and has a seating capacity of 336. The lighting is semi-indirect with approximately ten foot candle on the reading tables. The room is completely equipped with electric fans to make it more comfortable in warm weather.

The periodical room seats 22 and there are tables and chairs for 60 in the stack room.

Attention is called to the courses in Library Science for the benefit of those teachers who wish to equip themselves better for managing the libraries of their own schools.

The Library will be open week days from 7:50 A.M. to 10:00 P.M., except that on Saturday it will close for the day at 5:00 P. M.

LECTURES AND ENTERTAINMENTS.—The Auditorium with a seating capacity of 1800, the magnificent pipe organ and the Steinway concert grand piano make the facilities for lectures and musical entertainments unsurpassed. A splendid program will be arranged. Stress will be placed upon entertainments and performances by students, thus developing the latent

capacities already on the campus. Students in the Department of Speech will from time to time produce plays and entertainments of a high order, which will be acted and directed by the students themselves. The Department of Music, featuring the pupils in Voice, the Glee Club and others of ability, will put on a production of some popular light opera. It is hoped that a large number of good voices, both male and female will try out for this production.

A feature of the Summer School of 1929 was the production of Gilbert and Sullivan's comic opera, "The Mikado," by students in the Music Department. This was produced with such success in the summer of 1927 that it was revived by popular demand. It was elaborately staged, under the able direction of Mrs. Alberta Murphree Worth, with the assistance of the Glee Club. Scenery and advertising were furnished by the Department of Art, under Professor W. K. Long, and the entire cast and chorus was costumed by A. W. Tams Company of New York City.

RELIGIOUS AND SOCIAL LIFE.—The moral and religious atmosphere at the Summer School is wholesome. The leading religious denominations have attractive places of worship and students are welcomed at every service. Transportation to and from church is provided for those students who will attend. Once each week a devotional service is held in the University Auditorium in connection with the Student Assembly.

THE Y.M.-W.C.A.—In connection with the regular student council a program of service will be carried on under the name of the Y.M.-W.C.A. The entire student body, regardless of religious belief, is served through this organization. Offices are in the "Y" Building and the secretaries in charge may be found there. The principal features are: operating the "Y" rooms as a club with a piano, reading matter, committee room, kitchenette, telephone for local and long distance calls, ice-water and games. Hikes, picnics and other socials are promoted during the session.

Service is given through an Information and Found Bureau. A student directory is kept of all faculty and students enrolled in the Summer School. An effort will be made to serve the many visitors who may come to the campus throughout the summer. Report at the "Y" and ask for your friend.

Lost and found articles may be turned in there and efforts will be made to locate the owners.

THE HONOR SYSTEM.—All class work at the University is on the honor basis. No espionage is practiced by teachers, and students will unanimously condemn and punish cheating.

COOPERATIVE GOVERNMENT.—Government of student life on the campus is cooperative between students and faculty. Cooperative government for the past few summers has proved successful because of the splendid spirit existing between faculty and students. Representatives elected from each section of the dormitories, and from the larger boarding houses together with a faculty committee meet weekly to plan constructively for the benefit of student life, and University interests. Suggestions from any member of the student body or faculty are welcomed at all times.

The Dean of Women and the Dean of Students will gladly advise with any students who desire their services regarding any other matters concerning their comfort and welfare.

STUDENT HEALTH AND MEDICAL ADVICE.—The Summer School makes diligent effort to conserve the health of its students. The services of a resident physician assisted by consulting physicians of Gainesville have been secured for the Summer School of 1930. These eminent physicians will make free physical examinations and prescribe means for remedying physical defects. It is urged that early in the session all students apply at the infirmary for a thorough physical examination. Especially does this apply to those who must present health certificates when they apply for permission to take the state teachers' examinations. Heretofore many students have deferred this examination until so late in the session of the Summer School that much overcrowding has resulted. This should be attended to in the first two or three weeks of Summer School. The University maintains a well equipped infirmary and has professional nurses constantly in attendance for those who may be ill during the Summer Session. Opportunity is offered for individual and private conference with the University Physician or assistants.

Courses in Health Education are listed below under "Courses of Instruction."

ATHLETICS.—The gymnasiums, basketball court, the baseball grounds, tennis courts and swimming pool are at the disposition of the students, and instructors are at hand to direct athletic activities. A well-kept golf course is near the University and for a nominal fee students of the Summer School are permitted to play.

The brick gymnasium will be used for women students exclusively; the basketball gymnasium will be for men students exclusively. Dressing rooms will be provided in each of these buildings; hence, students will not be permitted to wear swimming suits or gymnasium suits on the campus.

The University is proud of the new swimming pool, which has been built largely with fees paid by students during the regular session. A small fee will be paid by all the students of the Summer School. The following schedule will be enforced for the use of the swimming pool:

Women: T. Th. S. 2:00-6:00 P.M.

Men: W. F. 2:00-6:00 P.M.

THE GENERAL ASSEMBLY.—All students and faculty members are expected to attend the General Assembly on Wednesday at 10:00 o'clock. The Auditorium is near enough to the main lecture halls to make it easily accessible to all students.

Many important announcements will be made at the General Assembly, for the observance of which students will be held responsible, even though they may not be in attendance at the time.

SOCIETIES AND CLUBS

PHI KAPPA PHI.—A chapter of the Honor Society of Phi Kappa Phi was established at the University during the spring of 1912. To be eligible for membership a student must have been in attendance at the University for at least one year, or three summer sessions, have been guilty of no serious breaches of discipline, have had at least three years of collegiate training, be within one year of finishing a course leading to a degree, and stand among the first tenth of the senior class of the University. Candidates for election to Phi Kappa Phi must have attained an honor point average of two on all scholastic work, wherever done, for which credit toward a degree is received.

KAPPA DELTA PI.—Kappa Delta Pi is an honorary fraternity, similar to Phi Kappa Phi, except that only juniors and seniors in the Teachers College are eligible for membership. This fraternity plays an important part in the life of the Summer School.

PEABODY CLUB.—All students of the Teachers College are eligible for membership in Peabody Club. This organization meets weekly in Peabody auditorium, where delightful and instructive programs are rendered.

COUNTY CLUBS.—During the session clubs are formed from each county of the State and many interesting and delightful associations are formed among the students and members of the faculty.

UNIVERSITY CLUB.—The University Club, opposite Language Hall, is open to faculty and graduate students. A social program is arranged for every week-end. A limited number of rooms are available for rent by members and there is a possibility that table board will be furnished.

ORANGE AND BLUE BULLETIN.—A mimeographed sheet is issued each day during the session and appears on all bulletin boards for the dissemination of information, changes in schedule, club meetings, lost and found notices, etc. This is the medium used by faculty and students for making announcements and each student should read the Orange and Blue Bulletin daily.

ANNOUNCEMENTS.—Important announcements will be made on the Bulletin Boards in Peabody Hall and Language Hall and students should read these daily. Students are responsible for all announcements made in the General Assembly, on the Bulletin Boards and in the Orange and Blue Bulletin.

DEMONSTRATION SCHOOL.—As in the past four years, the Teachers College will operate a Demonstration School during the Summer School. There will be four grades in the School, as follows: kindergarten, a combined primary and first grade, a combined second and third grade, and a combined fourth, fifth and sixth grade. The Demonstration School is located in the basement of Peabody Hall.

The very best teachers in the state for this work will be employed, in order that the children may be given the most expert instruction possible. A busy child is a happy child, and

it is our plan that these children have three hours each morning of delightful employment in music, organized play, stimulating handwork, as well as splendid instruction in reading, history, arithmetic, geography and other school subjects.

Only a limited number of children can be accommodated, and those who wish their children enrolled should make reservations at once. The term lasts for six weeks, beginning Monday, June 23rd. Daily sessions extend from 8:30 to 11:30. A fee of \$6.00 is required of each child, which fee will cover only the actual materials used.

THE EMPLOYMENT BUREAU.—As the Teachers College and the Summer School wish to serve the whole state in every possible way, a Teachers' Employment Bureau was established several years ago. It is open throughout the year.

Its duties are to assist students and graduates of the University to obtain positions in the teaching profession. It keeps on file both information as to vacancies and as to available teachers. When called upon the Bureau tries to meet the needs of both teachers and school officials.

The Director of the Bureau will be glad to be informed of present or prospective vacancies in positions for which college-trained men or women are eligible. No charges are made for services, though students are required to pay for all telegrams and telephone calls made in their behalf.

Communications in regard to teaching positions should be addressed to the Director of the Employment Bureau, University of Florida, Gainesville.

MUSIC DEPARTMENT

The Summer School offers excellent courses in Public School Music, under Miss Marguerite Porter of Daytona Beach, and private work in Voice under Mrs. Alberta Murphree Worth.

For private lessons in voice a tuition is charged, amounting to \$25.00 for the eight weeks for two lessons per week, or \$15.00 for the term for one lesson per week. To encourage students who are talented in voice, two scholarships are offered based upon a tryout before competent judges. The first scholarship is for the full amount of the tuition, and the second is for the half-tuition. Everyone who sings is urged to compete for these scholarships, as it is well worth the effort.

COURSES IN NURSING EDUCATION

For the past three summers the University has offered courses in Nursing Education. These have proved very successful, and we are planning this summer to expand the work still more. Miss Alma Gault, of the Illinois Training School for Nurses, Chicago, will return this summer to offer the work. The courses are designed to train graduate nurses for administrative work in hospitals and training schools. This is a comparatively new line of work, and is gaining in prestige all over the United States.

EXPENSES

The cost of attending the Summer School is very moderate when compared with that at many other institutions. The tuition is free and other fees are very low. For laundry, incidentals and books, expenditures vary, but necessary expenditures are not very high. The estimate of the cost to a student living on the campus follows:

Tuition	\$ 0.00
Registration fee, residents of Florida	15.00
Registration fee, non-residents of Florida.....	17.50
Late Registration fee, per day	1.00
Change of course fee (after Friday of 1st week)	1.00
Room reservation fee	5.00
<i>Special laboratory and tuition fees:</i>	
Fine Arts fee, per credit	4.00
Biology laboratory fee	5.00
Botany laboratory fee	5.00
Business Administration 83 fee	15.00
Business Administration 84 fee	5.00
Business Administration 211-212, per semester hour	1.00
Chemistry laboratory fee	5.00
Chemistry breakage fee	5.00
Demonstration School fee	6.00
Kindergarten fee	9.00
Public School Art fee, each course.....	1.00
Glee Club fee (for music scores).....	1.00
General Natural Science fee	3.00
Library Science 202	1.50
Library Science 204	1.50
Physical Education and Coaching fee.....	.50
Physics laboratory fee	2.50
Primary Handwork (Education 123)	1.00
Swimming Pool fee	1.50
Tests and Measurements (Education 317 and 503)	1.50
Voice tuition per term (2 lessons per week)....	25.00
Voice tuition per term (1 lesson per week).....	15.00

<i>Personal Expenses:</i>	<i>High</i>	<i>Low</i>
Lodging (in advance for term):		
Buckman and Thomas Halls	\$12.00	\$12.00
New Dormitory	20.00	20.00
Board in University Cafeteria, for term.....	42.00	36.00
Books	8.00	3.00
Incidentals	16.00	8.00
Laundry	12.00	4.00

For the first time, students rooming in the dormitories are not required to take their meals on the campus. Only women students will be admitted to the dormitories, but children may take their meals with their parents in the cafeteria at rates quoted above.

All accounts are payable in advance.

For students living off the campus, the estimated expense is the same except that room and board will be somewhat higher. Students living off the campus may secure lists of authorized rooming and boarding houses from the Director of the Summer School. In no case will men and women students be permitted to room in the same house. In the case of married couples, special arrangements will be made.

MONEY.—1. Students may deposit their money with the Cashier of the University and draw it out as needed.

2. The \$5.00 sent to reserve dormitory room is not a registration fee. It is held as a breakage fee, and will be returned at close of term if no damage by student has been reported from dormitory.

3. The registration fee is paid at the time of registration.

4. For students registering after the days provided for this purpose, an extra fee of \$1.00 per day, up to \$5.00, will be charged.

5. A fee of \$1.00 will be charged for every change of course after Friday of the first week of the Summer School.

Law College Fees.—The registration fee for those taking law is the same as that paid by other students. Any student in the Summer School who meets the entrance requirements of the College of Law will be permitted to take law courses without extra charge; but the combined academic and law work must not exceed nine semester hours.

REFUND OF FEES.—1. Fees paid in advance for room reservation will be refunded on application up to and including June 1st but not after that date.

2. If by Friday of the first week students for any reason wish to withdraw from the University, the fees paid less a flat overhead fee of \$3.00, will be refunded. After this time there will be no refund of any fee.

3. A refund on the amount paid for room in the dormitories and board in the University Dining Hall, will be made on even weeks, and then only when cashier of commons is notified of date of departure. No refund will be made on fractions or parts of the week.

4. There will be no refund of fees paid after the first week of the Summer School.

5. There will be no refund of laboratory fees after the first two weeks of the Summer School. The instructor has the right to refuse any refund of laboratory fees when these funds have been used in purchasing laboratory supplies.

REDUCED RAILROAD RATES.—The Southeastern Passenger Association has authorized reduced rates to Summer School students on the round trip identification plan from all stations in the southeast territory except stations on the following railways: Louisville and Wadley, Sylvania Central, Wadley Southern, New Orleans Great Northern, and Winston-Salem Southbound. The rates are based on fare and one-half for the round trip, the minimum excursion fare being one dollar. Round trip tickets will be sold students and members of their families only upon presentation of identification certificates to ticket agent at time of purchase of tickets. The identification certificates will be furnished by the Director of the Summer School upon application.

Tickets will be sold from June 12th to June 18th, inclusive, and the final limit of all tickets will be August 14th. All round trip reduced rate tickets must be validated by the regular ticket agent at Gainesville before the return journey is commenced.

In order that the nearest railroad ticket agent may have a supply of tickets on hand, students should make inquiry of him concerning these rates at least a week before purchasing tickets to Gainesville. Railroad ticket agents will not be able to supply the necessary "identification certificate". This can be secured only from the Director of the Summer School.

Students are urged to avail themselves of the reduced rates by obtaining in advance from the Director of the Summer

School an identification certificate or carefully preserving the one which will be enclosed in the letters written to prospective students.

LOAN FUNDS.—By means of the “Florida State Scholarship Fund” and the “College Girls Club Scholarship Loan Fund,” the Summer School is able to make small loans to a limited number of students in order to help defray expenses in the current session. These loans are governed by the following regulations:

- (1) Applicant must be a teacher in the State of Florida.
- (2) Applicant must have a position for succeeding term of school.
- (3) Applicant must be in need of aid.
- (4) Applicant should apply for Scholarship Loan at least two weeks before opening of the Summer School.
- (5) Application must be made direct to the Director of the Summer School.
- (6) Applicant must be recommended by two school officials of the county in which he or she is teaching at the time of application.
- (7) Loans are to be used for attendance at the University of Florida Summer School.
- (8) Loan will be for a period not to exceed nine months from the date on which Summer School begins.
- (9) Loan is to bear interest at the rate of 8%, which will be added to the main fund.

Blank form for application for a scholarship loan will be furnished upon application to the Director of the Summer School.

SCHOLARSHIPS.—To aid and encourage ambitious and worthy young people to become teachers, the State provides \$200.00 per year for four years to enable one young man and one young woman for each senator and representative in the legislature to attend one of the State institutions. To secure this aid it is necessary for the applicant to be a graduate of a four-year high school and to pass a reasonable examination on high school subjects, given by the State in June and August at the regular time of the teachers' examinations in the various county seats. The successful male applicants are required to register at the University of Florida, in the Teach-

ers College. After completing their courses they will be expected to teach in the State for two years. The scholarships may be used in the regular session, and also in the summer session of the University. Students contemplating taking the examination for the scholarships must make application to the State Superintendent of Public Instruction and also to their County Superintendents. The Dean of Students at the University will be glad to give information relative to scholarship vacancies.

ROOMING FACILITIES.—*For Women.*—Ample rooming facilities for women students will be provided in the New Dormitory and in Buckman and Thomas Halls. Plans are now being made whereby the University may take over a number of fraternity houses. Rooms in all dormitories and fraternity houses may be reserved at any time by application of the student to the Director of the Summer School. A deposit of \$5.00 is required of each student making room reservation. This may be paid at time of reservation, but must be in by May 1st. This amount is held as a breakage fee and will be returned to the student at the end of the session, less any breakage which may be charged against her. Students are not required to take their meals in the Commons.

For Men.—Men students cannot be accommodated on the campus, but are required to find rooms outside. A number of comfortable rooming, boarding and fraternity houses will be open to men. A list of approved houses will be furnished upon application to the Director of the Summer School.

WHAT TO BRING.—All bedrooms are comfortably furnished with single iron bedsteads and mattresses, chiffonier or bureau, a table, washstand and chairs. Students are required to provide themselves with a pillow, bed linen, towels and other things that they may wish for their own special comfort and convenience.

TEXTBOOKS.—The University Book Store carries a full line of all textbooks used in the Summer School sold at list prices. The Book Store also handles necessary stationery and other supplies. Students may well bring English dictionaries and other useful books of reference. Students in Education courses should bring with them professional books and textbooks related to the courses they plan to take. If

students desire information in regard to the textbooks to be used in their courses, they should write to the instructor in charge of the course.

CERTIFICATES

GRADUATE STATE CERTIFICATES.—Graduates of the University are granted Graduate State Certificates without further examination, provided that three-twentieths of their work has been devoted to professional training and provided that they have satisfied the requirement of the law as to the Constitution of the United States. It is well for the student to note that a Graduate State Certificate permits him to teach only those subjects that are listed on such certificate, and that only those subjects will be placed on his certificate in which he has specialized in his college course. This will ordinarily mean that a subject must have been pursued at least two years in college, in addition to credit for all high school courses offered in that subject by a standard high school, before a certificate to teach that subject will be granted. Applicants for the Graduate State Certificate must apply to Superintendent W. S. Cawthon, Tallahassee, for application blanks and for further information.

Graduate State Certificates may be converted into Life Certificates by "presenting satisfactory evidence of having taught successfully for a period of twenty-four months under a Graduate State Certificate, and presenting endorsement of three holders of Life State, Life Graduate State, or Life Professional Certificates." Application for a Life Graduate State Certificate must be filed before the expiration of the Graduate State Certificate.

REGULATIONS GOVERNING THE EXTENSION OF CERTIFICATES

When credit for the extension of certificate is desired, regulations in addition to those mentioned under the heading "Maximum and Minimum Hours" must be observed.

1. Every applicant for extension must take at least a four-hour course in Education or Psychology, in order to satisfy the professional requirements for extension of certificate.

2. The repetition of courses in Education or Psychology previously taken will not satisfy the professional requirement for extension.

3. No applicant for extension shall take less than 15 hours per week without special permission.

4. An extra fee of one dollar will be charged for any change of registration after Friday of the first week.

5. To be granted extension, students must be recommended for diligence and accomplishment. Usually a passing grade is required.

6. No student will be granted an extension of certificate who does not apply for the same on the student Registration Card. In case the student failed to apply on the Registration Card at time of registration, application may be made to the Registrar, Room 3, Language Hall. A list of those who have applied will be posted on the Bulletin Boards in Language Hall and Peabody Hall not later than July 1st. In case of error in this list, students should report to the Registrar. No student will be recommended for extension whose name does not appear on this list by August 6th. Students should register under exactly the same name that appears on the certificate which they wish to have extended.

7. Certificates to be extended must be sent by Registered mail to W. S. Cawthon, State Superintendent of Public Instruction, Tallahassee, Florida, within a year after the completion of the Summer School. Otherwise extension will not be granted.

8. Those who expect to take the state examinations immediately after the Summer School should retain their certificates until they have adjusted their exemptions with the county superintendent.

LAWS GOVERNING ADMISSION

To the Freshman Class.—Sixteen High School units are required for non-conditional entrance to the University. Applicants are admitted to the regular freshman class as follows:

1. Graduates of accredited High Schools are admitted without examination, provided they offer the nine required units:—3 English; 1 Algebra; 1 Plane Geometry; 1 History; 1 Science; 2 as specified by the individual colleges (see sec-

tion 4 below), and offer at least 15 acceptable units. Candidates offering only 15 units will be conditioned 1 unit in entrance and must take six semester hours in addition to the required work for any degree, *unless* this condition is removed within one year.

No condition will be permitted in any of the nine required units.

A single unit in any foreign language will not be accepted.

2. Non-graduates of accredited or non-accredited high schools presenting at least 15 acceptable units, including the nine required units listed in (1) above, are admitted provided they successfully pass the entrance examinations in the subjects presented for admission.

3. Graduates of non-accredited high schools presenting the specified units are admitted provided they successfully pass entrance examinations in the following subjects:

English—Rhetoric and Composition; American and English Literature.

Mathematics—First Year Algebra, Plane Geometry.

History—one unit.

Science—one unit.

4. The specific requirements for each course are as follows:

<i>Arts and Sciences—AB Course:</i>	<i>Commercee and Journalism:</i>
English	English
Algebra	Algebra
Plane Geometry	Plane Geometry
History	History
Science	Science
Latin*	One Foreign Language
Approved electives	Approved electives
Total	Total

All others, viz: College of Agriculture, Teachers College, College of Arts and Sciences:—BS and Pre-Medical courses:

English	3
Algebra	1
Plane Geometry	1
History	1
Science	1
Foreign Language†	2
Approved electives	7
Total	16

*Two units in any foreign language may be substituted for Latin, but then Latin must be taken in the first two years of college.

†Not required in Teachers College.

ENTRANCE EXAMINATIONS.—Candidates for entrance examinations should notify the Registrar, No. 3 Language Hall, not later than June 1, 1930, for entrance in the Summer School, nor later than June 30 if they wish to regularize themselves. (In no case will credit for entrance examinations be allowed for a subject when college credit has already been received in advanced work in that subject.)

REGISTRATION.—No student will be registered until he has had his principal file with the Registrar a certified copy of his high school record showing that the candidate has the required units for admission; or until the student has otherwise fulfilled all the requirements for admission. Students presenting credits for advanced standing will not be registered until they file a transcript from the institution they last attended.

All students who are eligible to enter will be sent an admission certificate when their credits are received by the Registrar. Students who are ineligible will be advised accordingly.

COLLEGE OF LAW.—Sixty-eight (68) semester hours of college credit are required for admission to the College of Law. Usually two years are needed to obtain these credits. They must all be applicable toward a degree in the college from which they are offered.

TEACHERS' CERTIFICATES.—Special examinations given by the State Department of Education for Teachers' Certificates are equivalent to entrance examination units as indicated below:

<i>First Grade Certificate:</i>	<i>Old Second Grade Certificate:</i>	<i>Primary Certificate:</i>
English (Rhetoric and Composition) 2	English Composition 1	U. S. History and Constitution 1
Ancient History, Modern History.. 2	Civics ½	Psychology 1
Psychology 1	Agriculture ½	Manual Arts 1
Biology (omitted from old First).. 1	Algebra 1	Nature Study 1
Theory and Practice, ½,	Total units 3	Drawing 1
Agriculture ½.... 1		English (Rhetoric and Composition) 2
Algebra 2		Public School Music 1
—		—
Total units..... 9		Total units 8

Other certificates will be considered on their merits.

SPECIAL STUDENTS.—Students 21 years of age or more, who can show ability to pursue the work desired, will be admitted as special students, pending the satisfactory completion of the entrance requirements.

GENERAL REGULATIONS APPLICABLE TO
ALL COLLEGES ALIKE

1. SYSTEM OF GRADING.—Grades are recorded by use of the letters A, B, C, D, E, in order of excellence. D is the lowest passing grade; E is failure. Other special grades are: I, incomplete; X, missed examination; R, conditional failure with re-examination privilege.

2. HONOR POINTS.—Each semester hour with grade A gives three honor points, each semester hour with grade B gives two honor points, and each semester hour with grade C gives one honor point. Other grades give no honor points.

3. For graduation a student must earn as many honor points as credits.

4. RESIDENCE REQUIREMENT.—In order to receive a bachelor's degree from any college of the University, at least 30 semester hours must have been completed in residence on the campus. In all colleges except the Teachers College these 30 semester hours must be the last which one takes immediately prior to graduation. In the Teachers College 12 of the last 36 may be taken by correspondence. Even in this case, 30 semester hours must have been completed in residence.

In order to receive the Normal Diploma, the student is required to complete 27 semester hours in residence on the campus. Correspondence or extension courses may not at any time be offered to satisfy the residence requirement.

5. AMOUNT OF CORRESPONDENCE WORK PERMITTED.—No person shall be allowed to take more than 48 semester hours for credit toward a degree by correspondence study and in extension classes. No person shall be allowed to take more than 12 semester hours of the last 36 semester hours necessary for a bachelor's degree by correspondence study or in extension classes. No person shall be allowed to take more than 9 semester hours work by correspondence during the summer vacation period. A student will not be permitted to take work by correspondence while he is in residence

without the consent of the dean of the college in which he is registered. This will be granted only in exceptional cases. In the case of candidates for the Normal Diploma, the student may not take more than 24 semester hours by correspondence or extension classes.

6. RE-EXAMINATIONS.—In order to receive credit for a course by re-examination, the student must earn a grade of C or higher.

MAXIMUM AND MINIMUM HOURS.—Without special permission students must take as many as 7 semester hours, but may not take more than 10 semester hours credit. Students who wish to register for more than 10 semester hours will be governed by the following regulations:

1. Students with an honor point average of 2 or above may register for 11 semester hours.

2. Students with an honor point average of 3 may register for 12 semester hours.

VISITING.—On account of the large number of regularly registered students in the classes, it has been found necessary to discourage visiting. The faculty has ruled, therefore, that students wishing to attend classes as visitors may be admitted only upon the presentation of a permission card issued by the Dean of the College in which the student is registered and approved by the Dean of the College in which the course in question is offered.

SPECIAL REGULATIONS APPLICABLE TO THE TEACHERS COLLEGE

The following degrees are offered in the Teachers College:

1. Bachelor of Arts in Education. (For requirements see below).

2. Bachelor of Science in Education. For this degree the student must select and complete the required courses in Group E. (See p. 30.)

3. Bachelor of Science in Agricultural Education. (For complete requirements see Annual Catalog of the Teachers College.)

4. Bachelor of Science in Physical Education. (For complete requirements see Annual Catalog of the Teachers College.)

5. Normal Diploma. Given upon the completion of a two year prescribed course. (For complete requirements, see below.)

CURRICULA

I. For Those Who Expect to Teach in Primary and Intermediate Grades:

<i>Normal Diploma</i>	<i>Semester Hours</i>
Education 101	3
Education 122	3
Education 103	3
Education 121	3
Education 203	3
Supervised Teaching	2
English 101-102	6
English 201-202	6
One Group other than Group C	12
*General Natural Science 101- 102	8
Sociology 111-112	4
Drawing or Education 123.....	4
Public School Music	4
Electives	5
Total	66

Bachelor's Degree

If after taking the Normal Diploma the student wishes to take the *bachelor's degree*, he must take an additional 66 semester hours. Included in this he must complete two groups (see p. 30) and take the following:

	<i>Semester Hours</i>
Philosophy 201	3
Education 207	3
Education 308	3
Education 317.....	3
Supervised Teaching	2

II. For Those Who Expect to Teach in the Junior and Senior High School:

<i>Normal Diploma</i>	<i>Semester Hours</i>
Physical Education 101-102.....	2
Education 101	3
Education 103	3
or	3
Education 102	3
Education 203	3
Philosophy 201	3
One Materials and Methods course	2
Supervised Teaching in same course	2
English 101-102	6
English 201-202	6
*General Natural Science 101- 102	8
Sociology 111-112	4
One Group other than Group C	12
Electives (students not exempt from Military Science must take 8 semester hours in that subject)	12
Total	66

Bachelor's Degree

If after taking the Normal Diploma the student wishes to take the *bachelor's degree*, he must take an additional 66 semester hours. Included in this, he must complete two groups (see p. 30) and take the following:

	<i>Semester Hours</i>
Education 207	3
Education 308	3
Materials and Methods	2
Supervised Teaching	2
Education 401	3
Education 403	3

*Students who elect group E are not required to take General Natural Science 101-102. They may do so, but not as a substitute for any Group E requirement.

GROUPS

For the degrees of Bachelor of Arts in Education and the Bachelor of Science in Education, the student must complete all courses in two of the following groups. Group E must be elected if the student desires the degree of Bachelor of Science in Education:

A—Ancient Languages	B—Modern Languages	C—English
Latin 101-102 } 18 Latin 201-202 } sem. Latin 203-204 } hrs.	Fr. 21-22 } Fr. 101-102 } Fr. 201-202 } or Span. 21-22 } 18 Span. 101-102 } sem. Span. 201-202 } hrs. or Germ. 21-22 } Germ. 101-102 } Germ. 201-202 }	Eng. 101-102 } Eng. 103-104 } 22 Eng. 201-202 } sem. Eng. 301-302 } hrs. Foreign Lang., } 6 sem. hrs. } 12 Eng. or For- } sem. eign Lang., } hrs. 6 sem. hrs. }
D—Mathematics	E—Natural Science	F—Social Science
Math. 101-102 } Math. 331 } 18 Math. 251-252 } sem. Math. 568 } hrs.	Biol. 101 } Bot. 101-102 } 32 Biol. 106 } sem. Chem. 101-102 } hrs. Phys. 203-204 }	Hist. 101-102 } Advanced } Hist. 12 } sem. hrs. } Sociology 111- } 33 112 and } sem. 3 additional } hrs. sem. hrs. } Econ. 201-202 } Pol. Sci. 101- } 102 }
G—Commercial Education		
Econ. 101-102 } Bus. Ad. 81- } 82 } Bus. Ad. 103- } 29 104 } sem. Bus. Ad. 211- } hrs. 212 } Bus. Ad. 401- } 402 } English 355 }		

THE MASTER'S DEGREE

The major courses are regularly numbered above 500 and the minors between 300 and 500, but there is no objection to counting a course above 500 in one department as a minor in another.

As a usual thing, undergraduate students are not permitted to register for courses that are numbered above 500.

A number of courses have already been arranged that may count as majors. Efforts will be made to arrange still others upon request. If the major work wished is not listed, requests for it should be made at an early date.

REQUIREMENTS FOR THE MASTER'S DEGREE.

1. A candidate for the Master's Degree must be in residence for at least one scholastic year, or four summer terms, devoting his entire time during this period to study and research.

2. In addition to registration for the courses which a graduate student wishes to take, he must have an application blank properly filled out and presented to the Chairman of the Graduate Committee not later than July 16th. These blanks may be secured at the time of registration from Dean J. N. Anderson, Chairman of the Committee on Graduate Studies. Failure to turn in these blanks to the Chairman of the Committee by the date designated carries with it a penalty of three semester hours.

3. He must complete one major and two minors. A major is a twelve semester-hour course of rank above the Senior Class. A minor is a six semester-hour course of rank above the Sophomore Class.

4. Students majoring in Education should note that this Department requires an oral examination on all theses submitted.

5. In any department it is permissible to require a general examination, either oral or written or both, covering the whole of the field of study of the candidate, or any part of it. This may embrace not only the thesis and the courses taken, but also any questions that a student majoring in that department may reasonably be expected to be able to answer.

6. A thesis is required of all candidates. This thesis should be closely allied to the major subject. The title of the thesis should be submitted by the end of the first summer. The thesis itself should be completed and submitted by July 17th of the summer session in which the student expects to receive his degree.

7. All students majoring in Education are required to take Education 527. All others are advised to take this course.

8. Passing grade for graduate students is *B*.

9. The work for the master's degree must be completed within seven years from the time of registering for graduate work.

COLLEGE OF ARTS AND SCIENCES

The purpose of this college is not easy to define, nor is its scope easy to limit. It is a non-professional college that prepares for all professions. It embraces a wide variety of subjects, but it is interested rather in the cultural values than in the immediate application of the knowledge required to any definite career.

It offers the following work:

1. A curriculum leading to the degree of Bachelor of Arts;
2. A curriculum leading to the degree of Bachelor of Science;
3. Pre-medical and pre-dental courses;
4. A Pre-law course.

For requirements, see the annual catalog of the College of Arts and Sciences.

COLLEGE OF LAW

HISTORY

Largely thru the influence of Hon. Nathan P. Bryan, then a member of the Board of Control, the College of Law was established in 1909.

At first the College was quartered in Thomas Hall, one of the dormitories. At the opening of the session of 1913-14 more spacious rooms were provided in Language Hall. During the following summer and fall the present structure was erected and on Thanksgiving Day, 1914, the College, with fitting ceremonies, took possession of its own home.

From 1909 until 1917 the course comprised the work of two years. With the session of 1917-18 the present three-year course was established.

In the summer of 1927, in response to a long demand, law courses were inaugurated and have proved popular and helpful, affording opportunities for study to those unable to attend the regular sessions, supplementing the curriculum, relieving congestion, and enabling students to graduate at the close of the summer term.

ADMISSION REQUIREMENTS

The requirements and standards of the regular session are in effect. (See p. 26.) Evidence of this work must be presented on or before the date on which the candidate wishes to register. The College reserves the right to reject those whose required pre-legal credit does not average C.

The minimum age of applicants for admission is eighteen years for young men and, by statute, twenty-one years for young women.

COLLEGE OF COMMERCE AND JOURNALISM

The College of Commerce and Journalism will operate during the summer session as during the regular session. The courses offered will appeal to two different types of students. First, students attending the regular session who wish to return during the summer session; and second, teachers and others who wish to take courses to prepare for the teaching of commercial subjects in high schools or to prepare for the teaching of the social sciences.

The attention of undergraduates is called especially to the following courses: office management in which shorthand and typewriting is taught, accounting and business writing.

The College of Commerce and Journalism for the first time during the summer session is offering one course of strictly graduate character. This course is concerned with problems of government finance. Graduate students might also take Economics 302 as a minor. Graduate students interested are advised to see the Dean before registration.

COLLEGE OF AGRICULTURE

The College of Agriculture is rotating the courses offered in Summer 'so that in a succession of two or three years all studies of greatest interest will be given.

Graduate students interested in Agriculture may find these desirable. Undergraduates may take them for college credit.

Mature students who have not completed entrance requirements may, on the approval of the Dean and Director of Summer School, enroll as Adult Specials for the practical value of the information gained in courses desired, provided they conform to other requirements of Summer School.

COURSES OF INSTRUCTION

The following abbreviations used in connection with the courses, indicate the buildings in which the courses are held, and the numbers after such abbreviations indicate rooms in which they are held, for instance P. 112 means Peabody 112.

A—Agricultural Building; S—Science; P—Peabody; E—Engineering; L—Language; G—Gymnasium; C—Chemistry; H—Horticulture.

AGRICULTURE

AGRICULTURAL ECONOMICS 411.—Marketing and Distributing Farm Products.—Attention will be given to the fundamental principles of marketing, cooperative marketing organizations and the laws governing cooperative marketing. (Prerequisite: at least one course in Economics or Agricultural Economics.) 3 credits. Daily 8:00. H. 215. Mr. Turlington.

AGRICULTURAL ECONOMICS 501.—Farm Management Seminar.—A study of recent literature and research work in the field of Agricultural Economics. May be taken for minor or major credit. 2 credits. T. Th. 3:00-5:00. H. 215. Mr. Turlington.

AGRICULTURAL ECONOMICS 505.—Research Problems.—Thesis problems approved by the instructor. Hours and credit to be arranged. H. 215. Mr. Turlington.

AGRICULTURAL ENGINEERING 302.—Farm Motors.—A study of the sources of power on the farm: automobile, tractor, stationary gasoline engine, electric motor and windmill. 3 credits. M. T. Th. F. S. 10:00; W. 3:00. A. 106. Mr. Rogers.

AGRICULTURAL ENGINEERING 403.—Concrete Construction and Farm Buildings.—Selection of materials; curing, mixing, placing, reinforcing and water proofing concrete; construction cost, management and sanitation of farm buildings. 3 credits. Daily 8:00. A. 106. Mr. Rogers.

HORTICULTURE 303.—Floriculture.—The growing of flowers, annuals, perennials and shrubs, on the home grounds; pot plants, under lath and in greenhouse, their cultivation, fer-

tilization and care. 3 credits. M. W. Th. F. 11:00; Laboratory T. Th. 3:00-5:00. A. 205. Mr. Floyd.

HORTICULTURE 411.—General Forestry.—The principles of forestry, forest cropping, the home woodlot, varieties of trees, uses of Florida woods, and influence of forestry on other industries of the State. 3 credits. M. W. Th. F. 9:00; Laboratory M. W. 3:00-5:00. A. 205. Mr. Floyd.

BIOLOGY

BIOLOGY 101.—Principles of Animal Biology.—An introduction to the subject matter and principles of zoology. 5 credits. Daily 8:00. S. 111. Laboratory to be arranged. Mr. Sherman.

BIOLOGY 104.—Comparative Vertebrate Anatomy.—A comparative study of the structure of the main classes of vertebrates. 5 credits. Daily 9:00. S. 111. Laboratory to be arranged. Mr. Sherman.

BOTANY AND BACTERIOLOGY

BOTANY 101.—General Botany.—Structure and life histories of important algae, fungi, common mosses and ferns. Attention will be given to their environment. 4 credits. M. T. Th. S. 10:00; laboratory M. T. Th. F. 2:00-4:00. S. 111. Mr. Carroll.

BOTANY 102.—General Botany.—A continuation of Botany 101. Structure, environment and introduction to the principles of classification of seed plants. Some excursions will be made about the campus in studying the more common plants. 4 credits. M. W. Th. S. 11:00; laboratory M. T. Th. F. 4:00-6:00. S. 111. Mr. Carroll.

Note: Students may take both of these courses simultaneously, in order to receive a year's credit in Botany, which is a prerequisite to all advanced courses in this Department.

BACTERIOLOGY 301.—General Bacteriology.—An Introduction to the fundamentals and modes of cultivation of microorganisms, with special reference to the common molds, yeast and bacteria. 4 credits. M. T. W. Th. 8:00; laboratory, M. T. W. Th. 2:00-4:00. S. 101. Mr. Carroll.

BUSINESS ADMINISTRATION AND ECONOMICS

BUSINESS ADMINISTRATION 83.—Office Management.—Instruction in office organization; office function; duties of office manager; the modern secretary in relation to office operation; practical use of modern office appliances. Instruction in typing. (Fee, \$15.00.) 2 credits. T. Th. 1:00; laboratory M. T. W. Th. 2:00-4:00. L. 314. Mr. Scaglione.

BUSINESS ADMINISTRATION 84.—Office Management.—Shorthand. Instruction in principles of practical stenography. (Fee, \$5.00.) 2 credits. M. W. 1:00; laboratory F. 1:00-3:00. L. 314. Mr. Scaglione.

BUSINESS ADMINISTRATION 101E.—Economic History of England.—A survey of economic history; the evolution of capitalistic economy in England; the origin and development of the wage system; the Industrial Revolution; the growth of British trade; the relation of economic development to political policy; the effect of England's industrial progress on the United States. 3 credits. Daily 8:00. L. 202. Mr. Scaglione.

BUSINESS ADMINISTRATION 102E.—Economic History of the United States.—The industrial development of America, the exploitation of natural resources; the history of manufacturing, of banking, of trade, of transportation, etc.; the evolution of industrial centers; the historical factors contributing to the industrial growth of the United States. 3 credits. Daily 9:00. L. 204. Mr. Emig.

BUSINESS ADMINISTRATION 201E.—Principles of Economics.—The purpose of this course is to give the student a general understanding of present day economic organization. A brief analysis of production, distribution and consumption is made. 3 credits. Daily 11:00. L. 204. Mr. Ward.

BUSINESS ADMINISTRATION 202E.—Principles of Economics.—This is a continuation of 201E. With permission of the instructor, students may take this course along with 201E. 3 credits. Daily 9:00. L. 202. Mr. Matherly.

BUSINESS ADMINISTRATION 211-212.—Principles of Accounting.—Lectures, problems and laboratory practice. 211

will be completed the first four weeks, and 212 the second four. (Fee, \$1.00 per semester hour.) 6 credits. Daily 8:00-10:00. L. 201. Mr. Ward.

BUSINESS ADMINISTRATION 302E.—Elements of Statistics.—An introduction to statistics; brief consideration of statistical theory; collection, classification and presentation of economic data; construction of graphs and charts; study of index numbers; problems of statistical research. (Course completed in the first four weeks.) 3 credits. Daily 8:00 and 12:00. L. 204. Mr. M. D. Anderson.

BUSINESS ADMINISTRATION 355.—Business Writing.—Rapid review of basic principles of English composition; study of qualities demanded in best business writing. (Prerequisites: English 101-102.) 3 credits. Daily 11:00. L. 5. Mr. Emig.

BUSINESS ADMINISTRATION 429 E. — Government Finance.—Principles governing expenditures of modern governments; sources of revenue; public credit; principles and methods of taxation and financial administration as revealed in the fiscal systems of leading countries. (Prerequisites: Business Administration 201E-202E.) 3 credits. Daily 11:00. L. 202. Messrs. Matherly and M. D. Anderson.

BUSINESS ADMINISTRATION 529E.—Problems in Government Finance.—3 credits. Daily. Hours to be arranged. L. 202. Mr. Matherly.

CHEMISTRY

CHEMISTRY 101-102.—General Chemistry.—A course designed for those who wish to prepare for science teaching in the high school. This course can be taken by those who have never taken chemistry, or by those who have had a course before and wish to review it. There will be two courses in General Chemistry, one embracing non-metals and one embracing metals. The former is a prerequisite to the latter.

CHEMISTRY 101.—General Inorganic—First Semester.—A study of the non-metals. 5 credits. Daily 9:00. C. 212. Lab. M. T. Th. F. 2:00-4:00. Mr. Leigh.

CHEMISTRY 102.—General Inorganic—Second Semester.—A study of the metals. 5 credits. Daily 8:00. C. 212. Lab. M. T. Th. F. 2:00-4:00. Mr. Goodwin.

CHEMISTRY 201.—Qualitative Analysis.—Lectures and laboratory course in this subject offered to those who have had general chemistry. 3 credits. T. Th. 2:00. C. 212. Lab. M. T. Th. F. 2:00-5:00. Mr. Goodwin.

CHEMISTRY 251.—Organic Chemistry.—This course is designed to present the fundamentals of chemistry of the compounds of carbon. The work in the classroom is presented by means of lectures, quizzes, and oral and written recitations. 5 credits. Daily 11:00. C. 212. Laboratory 2:00-6:00, days to be arranged. Mr. Leigh.

CHEMISTRY 301.—Quantitative Analysis (Volumetric).—A laboratory course offered to those who have had qualitative analysis. 3 credits. Laboratory 2:00-5:00, days to be arranged. 12 hours per week. Mr. Goodwin.

CHEMISTRY 302.—Quantitative Analysis (Gravimetric).—A laboratory course offered to those who have had qualitative analysis. 3 credits. Laboratory 2:00-5:00, days to be arranged. 12 hours per week. Mr. Goodwin.

CHEMISTRY 504.—Inorganic Preparations.—The course consists of laboratory work, involving the preparation of a number of typical inorganic compounds in addition to collateral reading and discussions. A reading knowledge of French and German is desired. 3 credits. Lecture 2 hours, laboratory 10 hours per week. Days to be arranged. Mr. Leigh.

CHEMISTRY 551.—Chemical Research.—Organic Chemistry; Inorganic Chemistry; Physical Chemistry, and Agricultural Chemistry. 5 to 10 credits. Hours and place to be arranged. Messrs. Leigh and Goodwin.

In addition to the above courses, other courses may be given upon petition of five or more students.

ATHLETIC COACHING

COACHING 101-201.—Football.—Theory and Practice.—The course will include the theories of fundamentals, their development and relation to team play, with special emphasis laid upon drills to perfect fundamentals. Textbook, "Coach-

ing," by Rockne. 4 credits. M. T. W. Th. F. 8:00. Laboratory M. W. F. 4:00-6:00. Basketball Court. Mr. Bachman.

NOTE: Students in this course are required to furnish their own uniforms or they may rent them from the Athletic Department. A charge of \$5.00 will be made for such equipment. When this is returned \$3.00 of this amount will be refunded.

COACHING 113-114.—Basketball (women).—The fundamentals of the game. Given as an aid to coaches of girls' teams. 1 credit. M. W. Th. S. 10:00. Gymnasium. Miss Ludwick.

COACHING 204.—Track and Field Sports.—The theory of starting, finishing, sprinting, distance - running, hurdling, high and broad jumping, pole vaulting, shot putting, discus and javelin throwing. Demonstrations will be given in connection with lectures. Textbooks, "Spalding Athletic Library, Buff Series, 500B, 501B, 502B, 503B, 504B, 505B, 506B." Price 50c each. 3 credits. M. T. F. 10:00; Laboratory T. Th. 4:00-6:00. Basketball Court. Mr. Bachman.

ECONOMICS

Courses in Economics are scheduled under Business Administration and are marked "E".

EDUCATION

Every student who applies for extension of certificate must register for one course in Education, or Philosophy 201.

EDUCATION 101.—Students who have not taken any course in Education should begin with Education 101. The purpose of the course is to give an introduction to the study of classroom teaching. 3 credits. Eight sections:

Section 1. Designed for those who have never taught. Daily 9:00. P. 112. Mr. Wise.

Section 2. Designed for those who have never taught. Daily 11:00. P. 112. Mr. Wise.

Section 3. Daily 8:00. E. 210. Mr. Smith.

Section 4. Daily 12:00. H. 215. Mr. Merbler.

Section 5. Daily 8:00. P. 206. Mr. Little.

Section 6. Daily 9:00. A. 104. Mrs. Branning.

Section 7. Daily 11:00. P. 206. Mr. Little.

Section 8. Daily 12:00. P. 201. Miss Storie.

EDUCATION 102.—History and Principles of Education.—A study of the historical background of education, and of the fundamental principles which should guide educational procedure and give appreciation of educational conditions of today. 3 credits. Daily 12:00. A. 205. Mr. Smith.

EDUCATION 103.—Health Education. — Conditions and forces that affect the physical and mental vigor of children, youth and teachers, and relate the school to the health of the home and community; the teacher's health; sanitation of school buildings; hygienic equipment; common diseases and physical defects; mental hygiene; play and recreation; community hygiene; teaching of health education in elementary and high schools; the Florida health program. 3 credits. Three sections:

Section 1. For teachers in primary and middle elementary grades. Daily 9:00. A. 303. Miss Robison.

Section 2. Same as Section 1. Daily 11:00. A. 303. Miss Robison.

Section 3. For principals and teachers not included in Sections 1 and 2. Daily 12:00. A. 303. Miss Robison.

EDUCATION 121.—Primary Methods.—Arithmetic, Language, Writing and Spelling in the first three grades. Prerequisites or parallel courses: Education 101, Education 207, or any methods course. 3 credits. Three sections:

Section 1. For teachers of the First Grade. Daily 9:00. P. 2.

Section 2. For teachers of the first three grades. Daily 11:00. P. 2.

Section 3. The same as Section 2. Daily 8:00. P. 2.

EDUCATION 122. — The Teaching of Reading and Literature in the First Six Grades.—The basic importance of reading in the elementary school, reading as a tool study, the various methods of teaching reading, etc., will constitute the course. Methods of teaching phonics, appreciation, memoriz-

ation and dramatization will be presented. Observation of demonstration lessons and criticisms will be required. Prerequisite or parallel courses: Education 101 or Education 207. 3 credits. Three sections:

Section 1. This section will be confined largely to the teaching of the mechanics of reading as a tool study. Daily 9:00. P. 4. Mrs. Gillentine.

Section 2. The same as Section 1. Daily 11:00. P. 4. Mrs. Gillentine.

Section 3. This section is designed for those teachers who will teach in the middle elementary grades. Daily 12:00. P. 4. Mrs. Gillentine.

EDUCATION 123.—Handwork for Elementary Grades.—The purpose of the course is to develop the real function of handwork in the elementary grades. The various types of handwork will be emphasized, such as, paper cutting, free hand drawing, clay modeling, etc. 2 credits. Three sections:

Section 1. Designed for teachers of the early elementary grades. M. T. W. Th. F. 2:00. A. 206. Miss Norton.

Section 2. Designed for teachers of the early elementary grades. M. T. W. Th. F. 11:00. A. 206. Miss Norton.

Section 3. Designed for teachers of the upper elementary grades. M. T. W. Th. F. 3:00. A. 206. Miss Norton.

EDUCATION 203.—Child and Adolescent Psychology.—The nature, growth and development of the child from birth to adolescence with reference to Education will be the main considerations of this course. 3 credits. Daily 11:00. S. 101. Mr. Lancaster.

EDUCATION 207.—Educational Psychology.—Psychology applied to Education, the learning process, acquisition of skill, etc. 3 credits. Two sections:

Section 1. Daily 9:00. P. 101. Mr. Tolbert.

Section 2. Daily 11:00. H. 207. Mr. Wilson.

EDUCATION 308.—The Elementary School Curriculum.—The curriculum as a group of related problems and projects of vital interest to children. An attempt to formulate a curriculum based on social conditions and social needs. 3 credits. M. T. Th. F. S. 10:00. W. 2:00. P. 101. Mr. Smith.

EDUCATION 311.—A materials and methods course in English. Open to juniors and seniors who have not had Education 301. 2 credits. M. T. Th. F. 10:00. P. 209. Mr. Wise.

EDUCATION 317.—Tests and Measurements.—An elementary course designed to aid the teacher in the use of tests in the improvement of instruction and in the solution of school problems. One hour of laboratory work per week is required. (Fee \$1.50.) 3 credits. Daily 9:00. P. 208. Mr. Crago.

EDUCATION 341.—Materials and Methods in History.—Open to juniors and seniors who have not had Education 301. 2 credits. M. T. Th. F. 10:00. P. 206. Mr. Lancaster.

EDUCATION 371.—A materials and methods course in Science.—Open to juniors and seniors who have not had Education 301. 2 credits. M. T. Th. F. 12:00. C. 112. Mr. Heath.

EDUCATION 401.—Public School Administration.—Problems peculiar to Florida schools stressed in a practical way. 3 credits. Daily 9:00. P. 201. Mr. Simmons.

EDUCATION 403.—The Problem-Project Method.—The laws of learning, lesson-planning, thinking, questioning, the problem-project method, the socialized recitation, democracy in the classroom as a preparation for democracy in life. 3 credits. Daily 11:00. P. 205. Mr. Norman.

EDUCATION 405.—Supervised Teaching.—This course is planned to give the student practice in conducting recitations under close supervision. Teaching four hours a week; conferences two hours a week. 3 credits. Four sections:

Section 1. Designed for those who expect to teach in the primary grades. Daily 12:00. P. 8. Miss Peeler.

Section 2. Designed for those who expect to teach in the third and fourth grades. Daily 12:00. P. 11. Mrs. Metcalfe.

Section 3. Designed for those who expect to teach in the fifth and sixth grades. Daily 12:00. P. 10. Miss Upson.

Section 4. Designed for those who expect to teach in the high school. Hours to be arranged. Mr.

EDUCATION 406.—The Elementary School Principal.—The problems that usually confront the elementary school principal will be stressed in this course. 3 credits. Daily 8:00. A. 205. Mr. Rickards.

EDUCATION 408.—High School Administration.—This course is designed to study the practical management and administration of the modern high school. (Junior students may choose between Education 408 and Education 402.) 3 credits. Daily 8:00. P. 101. Mr. Hamon.

EDUCATION 501.—The Elementary School Curriculum.—An intensive study of the development, and present content of the elementary school curriculum, including the kindergarten; the selection and evaluation of material. 3 credits. Daily 9:00. L. 306.

EDUCATION 503S.—Educational Tests and Measurements.—Seminar. This is an intensive study of intelligence and educational tests. It is recommended that Education 317 be taken before this course. (Fee, \$1.50) 2 credits. M. T. Th. F. 10:00. P. 208. Mr. Crago.

EDUCATION 505S.—The Organization and Administration of Extra Curricular Activities in Junior and Senior High Schools.—An attempt will be made in this course to work out constructive school policies having to do with the developing of the pupil's initiative, leadership, cooperation, etc. 2 credits. M. T. Th. S. 10:00. P. 112. Mr.

EDUCATION 509.—Problems in the administration of a school system are stressed. Open to graduate students who are qualified by experience and training to pursue advanced study on selected problems in administration. Special attention given to school house planning. 3 credits. Daily 8:00. E. 209. Mr. Hamon.

EDUCATION 511.—Methods and Materials in Vocational Agriculture.—The selection and organization of subject matter from the vocational point of view. 3 credits. Daily 8:00. P. 208. Mr. Garris.

EDUCATION 514. — Pre-Adolescent Psychology. — This course will cover the years from nine to thirteen in the life of the child. The growth, health, habits, mental and moral characteristics of the child in this stage of its development will be discussed. The course will bring out the meaning and social importance of adolescent growth and interests. 2 credits. M. T. Th. F. 8:00. P. 4. Mr. Lancaster.

EDUCATION 517.—The chief purpose of this course is to acquaint students with statistical methods as applied to education. It is recommended that this course be taken before Education 503. 2 credits. M. T. Th. F. 10:00. H. 207. Mr. W. H. Wilson.

EDUCATION 519.—High School Curriculum.—A comprehensive view of the basic principles in curriculum construction is the purpose of the course. 3 credits. Daily 12:00. P. 101. Mr.

EDUCATION 521.—The Business Administration of a School System.—Open to graduate students qualified by training and experience to pursue advanced work in this field. Each student selects some problem for special study and presents the results of his study in the form of a thesis. 3 credits. Daily 8:00. P. 201. Mr. Fulk.

EDUCATION 527.—How to Write a Thesis.—Designed primarily to help graduate students in Education in writing their theses. Open to all graduate students. Required of all students majoring in Education. No credit. Students choose one section:

Section 1. M. F. 2:00. P. 201. Mr. Fulk.

Section 2. T. F. 10:00. P. 201. Mr. Fulk.

Section 3. T. Th. 2:00. P. 201. Mr. Fulk.

Section 4. M. Th. 10:00. P. 201. Mr. Fulk.

EDUCATION 528.—A graduate course in the supervision of instruction. Designed for principals, supervisors and teachers. 3 credits. Daily 8:00. L. 306. Mr. Simmons.

EDUCATION 562S.—Vocational Guidance.—The course will include a study of guidance and counseling of high school students. Educational and vocational guidance and problems of personality adjustment will be considered. 2 credits. M. T. W. F. 11:00. P. 208. Mr. Crago.

EDUCATION 569.—Problems in Organizing Part-Time and Evening Classes.—The class will organize and teach a part time or an evening class in vocational agriculture in the Alachua community. All problems connected with the organization and teaching of such classes will be considered. 3 credits. M. W. F. 1:00-5:00. P. 208. Mr. Garris.

ENGLISH

ENGLISH 21.—Minimum Essentials of English.—An elementary course in the fundamentals of grammar, punctuation and sentence construction, designed to meet the needs of freshmen deficient in preparatory English. For such deficient students this course is prerequisite to English 101. Entry to the course will be determined by examinations to be given during the registration period. (*Required of all freshmen who, upon entering the University, are found deficient in minimum essentials of high school English.*) No credit. Daily 8:00. L. 212. Mr. Mounts.

ENGLISH 101.—Rhetoric and Composition.—Designed to train students in methods of clear and forceful expression. Instruction is carried on simultaneously in formal rhetoric, in rhetorical analysis, and in theme writing, the constant correlation of the three as methods of approach to the desired goal being kept in view. In addition, a reading course is assigned each student. *All students expecting to take English 101 must report at Language Hall, Room 210, at 9:00 on the first morning of registration (Monday, June 16) to take the required Freshman English Placement Test. No student will be registered for English 101 who has not taken the Placement Test.* Textbook, Genung's "Working Principles of Rhetoric," first half. 3 credits. Seven sections:

- Section 1. Daily 8:00. L. 207. Mr. Morris.
- Section 2. Daily 8:00. L. 209. Mr. Jarrell.
- Section 3. Daily 9:00. L. 211. Mr. Caldwell.
- Section 4. Daily 9:00. P. 206. Mr. Little.
- Section 5. Daily 11:00. P. 209. Mr. Hathaway.
- Section 6. Daily 11:00. L. 207. Mr. Morris.
- Section 7. Daily 12:00. L. 311. Mr. Mounts.

ENGLISH 102.—A continuation of English 101. The second half of the rhetoric, "Invention," will be completed. 3 credits. Three sections:

- Section 1. Daily 8:00. P. 209. Mr. Hathaway.
- Section 2. Daily 11:00. L. 209. Mr. Mounts.
- Section 3. Daily 12:00. L. 207. Mr. Morris.

ENGLISH 103.—Introduction to Literature.—A survey of the literature of the western world from the beginnings to the Renaissance. 2 credits. Daily 8:00. L. 211. Mr. Caldwell.

ENGLISH 201.—History of Literature.—An outline course in the historical development of the English literature and language. Selections from important prose writers and poets; lectures on the history of the language and literature; a manual for reference; frequent reports from the individual students; constant use of the University Library. 3 credits. Two sections:

Section 1. Daily 11:00. L. 211. Mr. Caldwell.

Section 2. Daily 12:00. L. 209. Mr. Jarrell.

ENGLISH 206.—Historical Grammar.—A course based on Lounsbury's "English Language" designed to give the student some knowledge of the historical development of the English language, with a view especially of giving insight into modern English grammar. 3 credits. Daily 9:00. L. 210. Mr. Farr.

ENGLISH 301.—Shakespeare.—The life and earlier work, including the history plays, romantic comedies and non-dramatic poetry. Three plays will be read in class. Written reviews on plays read outside the class will alternate with essays from the students and lectures by the instructor. This course is open to those who have had English 201-202 or equivalent work in English literature. 3 credits. Daily 11:00. L. 210. Mr. Farr.

ENGLISH 302.—Shakespeare.—This is a continuation of English 301 in which the later tragedies will be emphasized. 3 credits. M. T. Th. F. S. 10:00, W. 2:00. L. 210. Mr. Farr.

ENGLISH 406.—Modern Drama.—Recent and contemporary playwrights, from Ibsen and Shaw to Eugene O'Neill. 3 credits. Daily 11:00. L. 212. Mr. Robertson.

ENGLISH 409. — Chaucer. — Extensive reading in the "Canterbury Tales," "Troilus," and minor works. 3 credits. Daily 9:00. L. 212. Mr. Robertson.

ENGLISH 501. — Anglo-Saxon. — Anglo-Saxon grammar, reading of Alfredian prose, "Beowulf," and other Anglo-Saxon literature. 3 credits. Daily 8:00. L. 210. Messrs. Farr and Robertson.

ENGLISH 503.—Seminar.—Reading course for graduate students. 3 credits. M. T. Th. F. S. 10:00, W. 2:00. L. 213. Mr. Robertson.

FINE ARTS

In addition to the University registration fee, in the following courses there is a fee of \$4.00 for each semester hour of credit. Students who desire to take these courses without credit are not required to pay the University registration fee.

ARCHITECTURE

Special arrangements can be made for students desiring to take Architectural Design. Architecture 101 is the beginning course in Architectural Design and consists of small problems in plan and elevation employing only wall, roof, beam and pier as structural elements, with mouldings and simple belt courses as decorative elements. Arrangements for this course may be made with the Director of the School of Architecture, Mr. Weaver, in Room 204 Peabody Hall.

PAINTING

ARCHITECTURE 121.—Freehand Drawing.—An introduction to perspective with outdoor sketching in pencil, first third of the session. The remaining two-thirds of the session is given to charcoal drawing from casts and from still life groups. Teachers taking this course are instructed in methods of teaching freehand drawing. 2 credits. T. Th. 8:00-12:00. P. 301. Mr. Long.

Tuesday and Thursday afternoons a studio class will be conducted during which one of the following may be taken:

ARCHITECTURE 226.—Water Color Painting.—Color theory and various methods of applying water color. Still life painting; landscape painting from nature. Teachers taking this course are instructed in methods of teaching water color. 2 credits. T. Th. 1:00-5:00. P. 301. Mr. Long.

PAINTING 211.—Oil Painting.—Theory of pigment color. Still life studies in full color. A major part of this course will be given over to landscape painting from nature. This course will allow for individual development through creative and

imaginative effect on the part of the student. Especially valuable for teachers who wish to strengthen their work. 2 credits. T. Th. 1:00-5:00. P. 301. Mr. Long.

COMMERCIAL ART

Tuesday and Thursday mornings a studio class will be conducted during which one of the following may be taken:

PAINTING 115.—Poster Design.—Analysis of the essentials of a good poster. Methods of handling tempera color and other mediums. Poster lettering; practical designing of posters for all uses. Teachers will find this course valuable in that it meets the constant demand for posters in the school. 2 credits. T. Th. 8:00-12:00. P. 301. Mr. Long.

PAINTING 117.—Advertising Design.—Designing of original advertisements and a study of the methods and mediums employed in making drawings for reproduction. A major part of the work will be in pen and ink. 2 credits. T. Th. 8:00-12:00. P. 301. Mr. Long.

PUBLIC SCHOOL ART

PUBLIC SCHOOL ART 101.—Application of art to everyday studies as an aid in teaching. This course covers the methods and materials used in the first five grades. Emphasis is placed upon the presentation of the project. 1 credit. Two sections:

Section 1. M. W. F. 9:00. P. 302. Mr. Long.

Section 2. M. W. F. 3:00. P. 302. Mr. Long.

PUBLIC SCHOOL ART 102.—As a continuation of course 101, this covers the advanced stages of art teaching as applied to grades VI through VIII and also through the high school. A technical working knowledge of color, line, form and mass is emphasized. 1 credit. M. W. F. 2:00. P. 302. Mr. Long.

PUBLIC SCHOOL ART 201.—A course in applied design. The principles of design and their application to patterns for various decorative purposes are covered. The problems include: batik, dying, block-printing, gesso, leather-tooling, metal craft, pottery, etc. 1 credit. M. W. F. S. 11:00. P. 302. Mr. Long.

FRENCH

Credit is not given for French 21 or 101 until French 22 is completed in the one case, and French 102 in the other. Students who have had one year of French in the high school are admitted to French 22, two years, to French 101, three years, to French 102, etc.

FRENCH 21.—Elementary French.—The first semester of the course in beginning French. Pronunciation, elements of grammar, translation. 3 credits. Daily 8:00. L. 307. Mr. Brunet.

FRENCH 22.—Elementary French.—The second semester of the course in beginning French. (Prerequisite: One semester of college French.) 3 credits. Daily 11:00. L. 311. Mrs. Grimm.

FRENCH 102.—Fourth Semester French.—The second semester of second year college French. Reading, oral practice, composition. (Prerequisite: Three semesters of college French.) 3 credits. Daily 8:00. L. 311. Mr. McMullen.

FRENCH 509.—French Classicism.—Reading and interpretative criticism of representative seventeenth-century works. Presupposes some acquaintance with the history of French literature, and the ability to read French easily. 3 credits. M. T. Th. F. S. 10:00, W. 2:00. L. 307. Mr. Brunet.

FRENCH 511. — Teachers' Course. — Careful study of French sounds and connected speech, to secure intelligent handling of pronunciation difficulties and perfect the student's accent; intensive study of selected readings ("*explication de textes*"); practice in writing French. The course is designed primarily for teachers and prospective teachers of French. 3 credits. Daily 9:00. L. 307. Mr. Brunet.

GENERAL NATURAL SCIENCE

GENERAL SCIENCE 101.—The aim of the course will be to give the student something of the fundamentals of all sciences, with the further purpose of weaving them together into a unified whole. Particularly valuable for teachers in elementary and high schools. 4 credits. Two sections:

Section 1. Daily 8:00. C. 112. Laboratory and conference hours to be arranged. Mr. Black.

Section 2. Daily 11:00. C. 112. Laboratory and conference hours to be arranged. Mr. Heath.

GENERAL SCIENCE 102.—A continuation of 101. 4 credits. Daily 9:00. C. 112. Laboratory and conference hours to be arranged. Mr. Black.

HISTORY

(Courses in History are year courses and both semesters must be completed for final credit.)

HISTORY 101.—Europe during the Middle Ages.—A course in the history of Western Europe from the Teutonic Migration to the First Crusade. 3 credits. Two sections:

Section 1. Daily 12:00. L. 210. Mr. Payne.

Section 2. Daily 11:00. L. 109. Mr. Laird.

HISTORY 102.—Europe during the Middle Ages.—A continuation of History 101. 3 credits. Two sections:

Section 1. M. T. Th. F. S. 10:00, W. 2:00. L. 211. Mr. Payne.

Section 2. Daily 12:00. H. 207. Mr. Goebel.

HISTORY 301.—American History from 1492 to 1783.—First semester of History 301-302. 3 credits. Daily 8:00. L. 109. Mr. Leake.

HISTORY 303.—American History from 1830 to 1876.—First semester of History 303-304. 3 credits. Daily 9:00. L. 109. Mr. Leake.

HISTORY 305.—English History.—This course covers the first semester's work in History 305-306. 3 credits. Daily 9:00. L. 311. Mr. Payne.

HISTORY 501.—Graduate seminar in American History. 3 credits. M. T. Th. F. 10:00. L. 109. Mr. Leake.

JOURNALISM

JOURNALISM 407.—Editorial Writing.—The theory and practice of editorial writing. Especial emphasis will be placed on the editorial as an aid to and a director of the thinking of the masses. Intensive writing involving the interpretation of

current events and contemporary thought. Laboratory arrangements require the practical application of classroom teaching. 3 credits. Daily 8:00. L. 5. Mr. Emig.

LATIN

LATIN 201.—Selections from Pliny's Letters with a few selections from Cicero's Letters. First semester of sophomore Latin. Prerequisite: Freshman Latin. 3 credits. Daily 9:00. L. 111. Mr. J. N. Anderson.

LATIN 307.—Ovid's *Heroides* and *Fasti*.—Prerequisite: Two years of college Latin. 3 credits. Daily 11:00. L. 111. Mr. J. N. Anderson.

LATIN 507.—A graduate course including the work in Latin 307, amplified to meet the needs of graduate students. 3 credits. Daily 11:00. L. 111. Mr. J. N. Anderson.

LAW

The following courses are offered and carry credit towards a law degree as indicated:

LAW 302S.—Equity Jurisprudence.—4 credits. Daily (70 minute periods). Hours to be arranged. Mr. Trusler.

LAW 308.—Common Law Pleading.—3 credits. Daily. Hours to be arranged. Mr. Cockrell.

LAW 311.—School Law.—2 credits. Four recitations per week. Hours to be arranged. Mr. Trusler.

LAW 402.—Evidence.—4 credits. Daily (70 minute periods). Hours to be arranged. Mr. TeSelle.

LAW 412.—Florida Civil Practice.—3 credits. Daily. Hours to be arranged. Mr. Cockrell.

LAW 523.—Taxation.—3 credits. Daily. Hours to be arranged. Mr. Slagle.

LAW 525.—Trade Regulations.—3 credits. Daily. Hours to be arranged. Mr. Slagle.

LAW 527.—Suretyship.—2 credits. Four recitations per week. Hours to be arranged. Mr. TeSelle.

LIBRARY SCIENCE

LIBRARY SCIENCE 201.—History of Books.—The History of books from the beginning. The invention of printing, book binding and allied subjects. 1 credit. T. Th. 8:00. P. 5. Miss Timmerman.

LIBRARY SCIENCE 202.—Reference I.—A study of important reference books and their value and use. Encyclopediae, dictionaries, periodical indexes, and other reference books. 3 credits. Daily 11:00. P. 5. Fee, \$1.50. Miss Mercier.

LIBRARY SCIENCE 203.—Bibliography.—Subject and trade bibliography, which includes the making and use of various reading lists. 2 credits. M. T. Th. F. 10:00. P. 5. Miss Mercier.

LIBRARY SCIENCE 204.—Children's Literature.—A study of children's literature and a study of children's reading interests. Fee \$1.50. 3 credits. Daily 9:00. P. 5. Miss Timmerman.

MATHEMATICS

The following courses will be given in successive summers in the order in which they appear in the list, the first being given in 1930:

Mathematics 550, The Foundations of Geometry

Mathematics 534, Projective Geometry

Mathematics 331, College Geometry

MATHEMATICS 83.—Solid Geometry.—3 credits. Daily 12:00. P. 102. Mr. McInnis.

MATHEMATICS 85.—Plane Trigonometry.—3 credits. Daily 9:00. P. 102. Mr. Kokomoor.

MATHEMATICS 101.—College Algebra.—A continuation of high school Algebra together with a study of Functions and Graphs, Inequalities, Theory of Equations, Permutations and Combinations, Probability and Determinants. 3 credits. Three sections:

Section 1. Daily 8:00. E. 208. Mr. Phipps.

Section 2. Daily 9:00. E. 210. Mr. Davis.

Section 3. Daily 11:00. P. 102. Mr. Kokomoor.

MATHEMATICS 102.—Plane Analytic Geometry.—Text: Roberts and Colpitt's "Analytic Geometry" (second edition), John Wiley and Sons. 3 credits. Daily 9:00. E. 209. Mr. Steen.

MATHEMATICS 251.—Elementary Calculus.—3 credits. Daily 9:00. E. 208. Mr. Phipps.

MATHEMATICS 252.—Calculus.—A continuation of course 251, by which it must be preceded. 3 credits. Daily 9:00. H. 215. Mr. Rosser.

MATHEMATICS 536.—Foundations of Geometry.—This course begins with a thorough consideration of the foundations of Geometry, considers the steps leading to non-Euclidian geometrics and the consequent development of modern branches of the subject. A textbook is used and definite assignments are made. Those interested should consult the instructor. Daily 8:00. P. 102. Mr. Kokomoor.

MATHEMATICS 550.—Theory of Infinite Processes.—Much of modern mathematics is characterized by a study of infinite classes and infinite processes. In this course an approach will be made to the infinite processes which are fundamental in various branches of analysis. Some of the topics considered are Infinite Aggregates, Sequences, Series, Products, Determinants, Integrals. The course is based on L. L. Smail, "Elements of the Theory of Infinite Processes," McGraw-Hill Co. Daily 11:00. E. 208. Mr. Phipps.

MUSIC

MUSIC 103.—Materials and methods for grades I, II and III. Study of the child voice; rote songs; art and rhythm songs; sight singing from rote to note; oral and written dictation; appreciation. 2 credits. Two sections:

Section 1. M. T. W. Th. F. 9:00. C. 110. Miss Porter.

Section 2. M. T. W. Th. F. 4:00. C. 110. Miss Porter.

MUSIC 104.—Materials and methods for grades IV, V and VI. Development of sight singing; ear training, oral and written dictation; part singing; appreciation. 2 credits. M. T. W. Th. 11:00. C. 110. Miss Porter.

MUSIC 105.—Materials and methods for junior and senior high schools. Sight singing; study of the changing voice; beginning harmony; appreciation. 2 credits. M. T. Th. F. S. 10:00. C. 110. Miss Porter.

MUSIC 301.—Glee Club. A fee of \$1.00 will be charged each student registering for the Glee Club to cover cost of music. 1 credit. M. T. Th. F. 5:00. Stage of Auditorium. Mr. DeBruyn.

VOICE.—Private lessons in voice. Hours to be arranged with the instructor. Two scholarships in voice will be given (see p. 28). Two lessons per week unless otherwise arranged.

Course I.—Theory of Voice Building, breathing, tone placing, simple songs. 1 credit. Stage of Auditorium. Mrs. Worth.

Course II.—For advanced students. A continuation of Course I, and coaching in songs. Students registering in this course will be expected to appear in the opera at the close of the term. 1 credit. Stage of Auditorium. Mrs. Worth.

NURSING EDUCATION

NURSING 101.—Administration in Schools of Nursing.—The course includes a brief history of the origin and development of schools of nursing; organization and management of schools of nursing; budgets; catalogs; libraries; affiliation; student activities; publicity; university schools of nursing; group and hourly nursing; present day problems and tendencies, etc. 2 credits. M. T. Th. F. 10:00. A. 304. Miss Gault.

NURSING 102.—Nursing Education.—This course includes a study of such topics as, curricula in schools of nursing; the teaching of different types of nursing; the selection and use of text and reference books; preparation for special fields of nursing; grading of schools of nursing; etc. 3 credits. Daily 9:00. A. 304. Miss Gault.

NURSING 201.—Public Health Nursing.—In this course the aim is two-fold: first, to make a brief survey of the field of Public Health Nursing; second, to study the problems, present status and tendencies in this field. 3 credits. Daily 11:00. A. 304. Miss Gault.

NURSING 202.—Home Nursing.—Home Hygiene and Care of the Sick.—Study of health problems of individual home and community with demonstrations and student-practice work based upon the Red Cross textbook, *Home Hygiene and Care of the Sick* (Revised). Emphasis is placed upon preventive measures and upon the practice of those ordinary procedures which every student should be able to carry out in the care of the sick in the home. Open to students and teachers. Recognition of this work is also given by the American Red Cross. 2 credits. M. T. W. Th. F. 2:00. A. 304. Miss Williams.

PHILOSOPHY AND PSYCHOLOGY

PHILOSOPHY 201.—General Psychology.—Fact and theories current in general psychological discussion: The sensations, the sense organs, and the functions of the brain; the higher mental functions—attention, perception, memory, feeling, emotion, volition, the self, and like topics. This course satisfies the professional requirement for the extension of certificates. 3 credits. Four sections:

Section 1. Daily 8:00. P. 112. Mr. Hinckley.

Section 2. Daily 9:00. A. 204. Mr. D. P. Wilson.

Section 3. Daily 11:00. P. 201. Mr. Hinckley.

Section 4. Daily 12:00. A. 204. Mr. D. P. Wilson.

PHILOSOPHY 204. — Experimental Psychology. — Mainly laboratory work with standard apparatus on the current problems in Experimental Psychology. Special attention given to methods of psychological investigation and the collection and treatment of data. (Prerequisite: Philosophy 201.) 3 credits. Daily 2:00-4:00. P. 114. Mr. D. P. Wilson.

PHILOSOPHY 206.—Business Psychology.—The main facts of theoretical, experimental, and social psychology will be presented and applied to the fields of business problems; especially advertising, selling, employment, and efficiency in work. (Prerequisite: Philosophy 201.) 3 credits. Daily 9:00. P. 114. Mr. Hinckley.

PHILOSOPHY 301.—Ethics.—Principles of Ethics; Study of such topics as goodness, happiness, virtue, duty, freedom, civilization, and progress. 3 credits. Daily 11:00. P. 101. Mr. Enwall.

PHILOSOPHY 303.—History of Ancient Philosophy.—The development of philosophic thought from its appearance among the Ionic Greeks to the time of Descartes. Special attention will be given to the philosophy of Plato and Aristotle. 3 credits. Daily 12:00. P. 112. Mr. Enwall.

PHILOSOPHY 508.—The Philosophic Conceptions of the Great English Poets.—Prerequisite: English 103-104, 201-202. 3 credits. Seminar. Hours to be arranged. P. 114. Mr. Enwall.

PHYSICAL EDUCATION

All students registering for courses in Physical Education will be required to furnish gymnasium suits and shoes.

PHYSICAL EDUCATION 101.—Elementary Gymnastics.—This class is for beginners and consists mainly of marching, calisthenics and simple apparatus work. Exercises applicable for schoolroom will be given in graduated scale leading up to the more advanced form of exercise. For women students. 1 credit. M. T. Th. F. 4:00. Gymnasium. Miss Ludwick.

PHYSICAL EDUCATION 103.—Plays and Games for the Early Elementary Grades.—A course giving Story Plays, Rhythmic Plays, Folk Dancing, Mimetic Plays and the theory and practice of outlining exercises for the early elementary grades. 1 credit. M. T. W. Th. 11:00. Gymnasium. Miss Ludwick.

PHYSICAL EDUCATION 104.—Minor Sports.—This course will include interpretation of rules, organization, promotion, and competition in the following: playground ball, volley ball, playground games, indoor games, tennis, swimming, and mass play games. The importance of mass play in the school and playground curriculum. 1 credit. M. T. Th. F. 3:00. Basketball Court. Mr. Salt.

PHYSICAL EDUCATION 105.—Corrective Exercise.—A course to enable the teacher to recognize physical defects and to have an intelligent use in the natural and artificial methods for correction through exercise. Action, use and relation of different organs of body and exercise to stimulate and normalize them. General laws governing the body and health. For women students. 1 credit. M. T. Th. F. 2:00. Gymnasium. Miss Ludwick.

PHYSICAL EDUCATION 231-232.—First Aid and Training.—Theories of training, massage, treatment of sprains, bruises, etc.; training room sanitation and care of equipment; bandaging and first aid. Textbook, "My Basketball Bible," by Forrest C. Allen. 2 credits. M. T. Th. F. 3:00. Basketball Court. Mr. Bachman.

PHYSICAL EDUCATION 341.—Principles and Programs of Physical Education.—The philosophy, aims and objectives of Physical Education as based on physiology, psychology and sociology. High school and elementary school principals will find this course especially appropriate for their needs. Students working toward the degree of Bachelor of Science in Physical Education are urged to take this course this summer as it may not be offered in the summer of 1931. 3 credits. Daily 12:00. L. 109. Mr. Salt.

PHYSICAL EDUCATION 372.—Organization and Administration of Physical Education.—The organization and administration of physical education in the public schools from the standpoint of a physical education teacher and director. High school and elementary school principals will find this course especially appropriate for their needs. Students working toward the degree of Bachelor of Science in Physical Education are urged to take this course this summer as it may not be offered in the summer of 1931. 3 credits. Daily 11:00. H. 215. Mr. Salt.

PHYSICS

Physics 105-106 will not be given this summer. Students of the College of Engineering desiring credit will enroll in Physics 203-204, Theory only. Substitution will be allowed if a grade of C or more is made.

PHYSICS 107-108.—General Laboratory Physics for students of the College of Engineering. 2 credits. Laboratory 8 hours. Schedule to be arranged. Messrs. Weil and Perry.

PHYSICS 203.—Mechanics and Heat.—5 credits. Daily 11:00. E. 203. Laboratory 8 hours, schedule to be arranged. Mr. Weil.

PHYSICS 204.—Sound, Light and Electricity.—5 credits. Daily 9:00. E. 303. Laboratory 8 hours, schedule to be arranged. Mr. Perry.

PHYSICS 209.—Electricity and Magnetism.—3 credits. M. T. Th. F. 10:00. Laboratory to be arranged. E. 303. Mr. Weil.

GRADUATE COURSES IN PHYSICS.—A college course in physics is a necessary prerequisite for any of the following courses.

*PHYSICS 301.—Meteorology.—A brief general course. Textbook, Milham's "Meteorology." 3 credits. Hours to be arranged. Mr. Perry.

*PHYSICS 302.—Astronomy.—A brief general course in descriptive astronomy. Textbook, Fath's "Elements of Astronomy." 3 credits. Hours to be arranged. Mr. Perry.

*PHYSICS 303 OR 304.—Advanced Experimental Physics.—Experiments of more advanced type than those of Physics 203-204, 207-208, or 209, together with study of the theory of the experiments and assigned reading. The particular experiments assigned vary with the needs and interests of the individual student. 3 credits. Hours to be arranged. Messrs. Perry and Weil.

*PHYSICS 306.—Electrical Measurements.—The theory and practice of methods of measurement of resistance, current, electromotive force, power and energy. Planned primarily for advanced students in physics, chemistry, and electrical engineering. Laboratory work will be adjusted to meet the needs and interests of the individual student. 3 credits. Hours to be arranged. Mr. Weil.

*PHYSICS 317.—Modern Theories of Physics.—The aim of this course is to acquaint the student with the extraordinary advances made in physics during the last few years. X-Rays, radioactivity and the theories of atomic structure will be taken up in this course. The classroom discussions will be supplemented by demonstrations wherever possible. 3 credits. Hours to be arranged. Mr. Weil.

*ELECTRICAL ENGINEERING 352.—A survey course of the field of Electrical Engineering. It covers the methods of producing electrical energy, its distribution and application. It

*Only three of the courses starred will be given during the summer of 1930.

touches upon direct and alternating current motors and generators, storage batteries, communication and transmission. (Prerequisite: Physics 203-204.) 2 credits. Hours to be arranged. E. 106. Mr. Weil.

*ELECTRICAL ENGINEERING 354.—Laboratory work to accompany Electrical Engineering 352. 1 credit. Hours to be arranged. E. 106. Mr. Weil.

(Note: Students of the College of Engineering may substitute Electrical Engineering 352-354 for course 202-204.)

POLITICAL SCIENCE

(Political Science courses are year courses, and in each case both semesters must be completed for final credit.)

POLITICAL SCIENCE 101.—American Government and Politics.—A study of the structure and functions of the federal government. 3 credits. Three sections:

Section 1. Daily 12:00. L. 211. Mr. Tribolet.

Section 2. Daily 9:00. H. 207. Mr. Goebel.

Section 3. M. T. Th. F. S. 10.00, W. 2:00. L. 207. Mr. Laird.

POLITICAL SCIENCE 102.—American Government and Politics.—A study of the state, county and municipal government. 3 credits. Two sections:

Section 1. Daily 9:00. L. 207. Mr. Laird.

Section 2. Daily 8:00. H. 207. Mr. Goebel.

POLITICAL SCIENCE 201.—Comparative Government.—3 credits. Daily 11:00. L. 307. Mr. Tribolet.

POLITICAL SCIENCE 202.—Government and Organization of Great Britain. 3 credits. Daily 9:00. L. 209. Mr. Tribolet.

SOCIOLOGY AND SOCIAL ADMINISTRATION

SOCIOLOGY 111.—Introduction to Social Studies.—An approach to the social sciences through biology and psychology. Social life as conditioned by geographic environment; early man; landmarks in the history of civilization. Problems of American citizenship. (Required of freshmen in Teachers

*Only three of the courses starred will be given during the summer of 1930.

College.) 2 credits. M. T. Th. F. 10:00. E. 203. Messrs. Carleton and Beaty.

SOCIOLOGY 112.—Introduction to Social Studies.—A continuation to course 111. 2 credits. M. T. Th. F. 8:00. E. 203. Messrs. Carleton and Beaty.

SOCIOLOGY 269. — The Visiting Teacher. — The Visiting Teacher Movement with special emphasis on the problem child; diagnosis and treatment. 2 credits. M. T. Th. F. 10:00. H. 205. Miss Taylor.

SOCIOLOGY 311.—Problems of Child Welfare.—The White House Conference on Child Health and Protection and its findings, together with a nation-wide organization of State Councils for child health and protection, make this course especially important, not only for teachers but for leaders of women's clubs and P. T. A. organizations. 2 credits. T. Th. 2:00-4:00. H. 205. Mr. Bristol and special lecturers.

SOCIOLOGY 361.—Elementary Case Work.—A study of the principles of social case work especially as involved in connection with the problem child in school and the problem home, together with field work under supervision. (Prerequisite: An introductory course in Sociology and Sociology 269, or consent of instructor.) 3 credits. M. W. 2:00-4:00 and field work. H. 205. Miss Taylor.

SOCIOLOGY 441.—Principles of Sociology.—A brief study of the principles of social evolution, social organization, social control and social progress, with special reference to education. Should be preceded by an elementary course in Sociology. 3 credits. Daily 9:00. H. 205. Mr. Bristol.

SOCIOLOGY 442.—Applied Sociology.—The principles of efficient living together in society, developed in the preceding course, will be applied to concrete problems in the interest of social progress. Special consideration will be given to increasing the span of productive life, to increasing the social income and securing a more wide-spread diffusion; to the democratization of efficient education. (Prerequisite: Economics 201-202 and Sociology 441, or special consent of instructor.) Advanced students may take both 441 and 442. 3 credits. Daily 8:00. H. 205. Mr. Bristol.

SOCIOLOGY 443.—Race Problems.—Causes of race antagonism; racial inequality. History, causes and effects of immigration; immigrant backgrounds; the Negro problem. 3 credits. Daily 11:00. H. 205. Mr. Beaty.

SOCIOLOGY 465.—Field Work.—Experience in dealing with problem children and problem homes, under supervision. For advanced students in sociology and social administration. (Prerequisite: Sociology 269 or equivalent, and special consent of instructor.) 1 credit. Hours to be arranged. Miss Taylor.

SOCIOLOGY 545.—Seminar.—For graduate students. To be taken in connection with Sociology 442 with occasional meetings for special reports. 3 credits. Mr. Bristol.

SPANISH

Credit is not given for Spanish 21 or 101 until Spanish 22 is completed in the one case, and Spanish 102 in the other. Students who have had one year of Spanish in the high school are admitted to Spanish 22, two years, to Spanish 101, three years, to Spanish 102, etc.

SPANISH 21.—Elementary Course.—Pronunciation, grammar, dictation, acquisition of vocabulary, written exercises, reading of easy texts. 3 credits. Daily 8:00. L. 203. Mr. Crow.

SPANISH 22.—Elementary Course.—Continuation of Spanish 21. 3 credits. Daily 9:00. P. 209. Mr. Hathaway.

SPANISH 101.—Intermediate Course.—Advanced grammar, composition, reading of modern stories. 3 credits. Daily 9:00. L. 203. Mr. Crow.

SPANISH 301.—General Survey of Spanish Literature.—A study of the history of Spanish Literature, supplemented by the reading of texts, emphasis being laid upon the modern period. (Prerequisite: Spanish 103, or equivalent.) 3 credits. Daily 11:00. L. 203. Mr. Crow.

SPANISH 501.—The Golden Age of Spanish Literature.—A study of the novel, drama and poetry of the Golden Age. (May, if wished, be taken in conjunction with Spanish 301.) 3 credits. Daily 11:00. L. 203. Mr. Crow.

SPEECH

Prerequisite: All students taking work in the Department of Speech must have completed English 101-102.

SPEECH 201.—Effective Speech.—A presentation of the principles of correctness, clearness and effectiveness in speaking with considerable practice in the delivery of original expository and argumentative speeches. The aim of the course is to lay the foundation for a direct, forceful manner of speaking. 3 credits. Daily 8:00. P. 205. Mr. Constans.

SPEECH 307.—Dramatic Production.—Consideration of voice, technique of acting, and principles of character interpretation. The problem of staging plays; directing, stage equipment, costuming, lighting, make-up. Several one-act plays will be produced by the class. 3 credits. Daily 9:00. P. 205. Mr. Constans.

ENROLLMENT OF STUDENTS

Summer Session 1929

A. Number enrolled to date (16 years of age and over):			
	<i>Men</i>	<i>Women</i>	<i>Total</i>
(1) Teachers College	238	848	1086
(2) Graduate School	93	50	143
(3) College of Arts and Sciences	83	48	131
(4) College of Law	77	....	77
(5) College of Commerce and Journalism.....	42	12	54
(6) Review Courses	6	11	17
(7) College of Agriculture.....	16	....	16
Total	555	969	1524
B. Number enrolled to date (under 16 years of age) in the Demonstration School of Teachers College:			
(1) Kindergarten	11	13	24
(2) Beginners and First Grade.....	11	11	22
(3) Second and Third Grade	12	7	19
(4) Fourth and Fifth Grades	7	17	24
Total	41	48	89
Grand Total	596	1017	1613

GEOGRAPHIC DISTRIBUTION OF STUDENTS AS TO COUNTIES, STATES AND FOREIGN COUNTRIES

Summer Session 1929

<i>Counties</i>	<i>Men</i>	<i>Women</i>	<i>Total</i>	<i>Counties</i>	<i>Men</i>	<i>Women</i>	<i>Total</i>
Alachua	150	165	315	Martin	2	3	5
Baker	8	8	16	Nassau	5	2	7
Bay	3	7	10	Okaloosa	2	1	3
Bradford	2	5	7	Okeechobee	1	4	5
Brevard	8	12	20	Orange	14	43	57
Broward	4	7	11	Osceola	3	7	10
Calhoun	9	..	9	Palm Beach	3	18	21
Charlotte .....	..	1	1	Pasco	4	10	14
Citrus	1	6	7	Pinellas	27	43	70
Clay	2	8	10	Polk	12	37	49
Collier	1	1	2	Putnam	4	12	16
Columbia	5	9	14	St. Johns	7	10	17
Dade	28	53	81	St. Lucie .....	..	4	4
DeSoto	4	13	17	Santa Rosa	6	4	10
Dixie .....	..	3	3	Sarasota	2	9	11
Duval	45	84	129	Seminole	4	11	15
Escambia	14	5	19	Sumter	2	25	27
Flagler	1	1	2	Suwannee	13	32	45
Franklin	2	..	2	Taylor	4	10	14
Gadsden	9	8	17	Union	3	10	13
Gilchrist	4	6	10	Volusia	10	40	50
Glades .....	..	1	1	Wakulla	1	..	1
Gulf	1	..	1	Walton	5	..	5
Hamilton	2	6	8	Washington	8	2	10
Hardee	5	16	21				
Hendry .....	..	1	1	<i>States</i>			
Hernando	3	7	10	Alabama	3	2	5
Highlands	3	2	5	Florida	574	997	1571
Hillsboro	33	87	120	Georgia	4	13	17
Holmes	2	3	5	Illinois	1	1	2
Indian River	1	2	3	Massachusetts .....	..	1	1
Jackson	12	4	16	Mississippi	2	..	2
Jefferson	6	6	12	New York	1	..	1
LaFayette	4	4	8	North Carolina .....	..	3	3
Lake	6	19	25	North Dakota	1	..	1
Lee	7	14	21	Pennsylvania	2	..	2
Leon	7	1	8	South Carolina	2	3	5
Levy	3	12	15	West Virginia	1	..	1
Liberty	3	2	5	Wisconsin	1	..	1
Madison	8	8	16	<i>Countries</i>			
Manatee	8	24	32	South America	1	..	1
Marion	17	33	50				
Monroe	1	6	7				

DEGREES GRANTED JULY 31, 1929

NORMAL DIPLOMAS

Miriam H. Bailey
 Clayton Claude Bass
 Benny Arden Brown
 Irene Juanita Campbell
 Ralph E. Carter
 Mattie Lee Cauthen
 Elizabeth Maney Cone
 Leona Snyder Davis
 Elizabeth M. Furen
 Eleanor Murdoch Gaylord
 Anna Shepard Guito
 Janie Pauline Hall
 Eleanor S. Harlee
 George Lester Harrison
 Elmer Wood Ihrig
 Susan Jane Jennings
 Joseph Eddie Kelly
 William Folwell Lloyd, Jr.

Mary G. Long
 Daisy E. Lyman
 E. H. Miller
 Theodore W. Miller
 Caroline G. Mizell
 Vera Pearson
 Theresa Frances Phillips
 Mildred Caldwell Price
 Mamie Lee Rencher
 Ila Crawley Russ
 Annie Fennell Sikes
 Mayme Smedley
 Cecil Lee Smith
 James Wallace Smith
 Dennis Keith Stanley
 Marie Van Antwerp
 Edwin L. Williams
 Cecil Parker Yawn

BACHELOR OF SCIENCE IN BUSINESS ADMINISTRATION

Henry Ellsworth Ringling

BACHELOR OF SCIENCE IN EDUCATION

John Marshall Davies
 Cecil W. Donahue

Albert L. Hardy
 Gurdon Henry Welles

BACHELOR OF ARTS IN EDUCATION

*Bessie Lett Carter
 Occie Clubbs
 Mercer Cox
 *Watson Perry Davidson
 Anne Lyde Dawson
 G. Madeleine Driscoll
 Mae Freeburg
 Adaline Jane Haseltine
 Jay Derieux Hobbs
 Ruth H. Hollingsworth
 Minton Hollingsworth Johnson

Samuel Anders Leonard
 Thomas Chafer Prince
 Ashley Roche Russ
 Sister Mary Agatha
 Sister St. Andrew
 William D. Stevens
 Anna Bodell Larson Trimble
 Warren Ellis Trotman
 Luby Idella Wells
 *Alton H. Wentworth
 Emma Dyer Wicker

BACHELOR OF LAWS

James Greenwood Abernathy, Jr.
 Jacob Model
 William Mullen Pepper, Jr.
 Cyril E. Pogue
 Allan Collier Ramsey

Benjamin Pierpont Richards
 David Clair Smith
 Paul A. Smysor
 Edward Eugene Turner
 Ray M. Watson

JURIS DOCTOR

Horace S. Wilson

BACHELOR OF SCIENCE IN ARCHITECTURE

Cyril Bayly

BACHELOR OF SCIENCE IN ELECTRICAL ENGINEERING

Leonidas Calvert Moore, Jr.

BACHELOR OF SCIENCE IN CIVIL ENGINEERING

*Joseph Edward Waugh

BACHELOR OF SCIENCE IN AGRICULTURE

John Calvin Graves Charles Edward Jackson, Jr.
*Grover Cleveland Norman

BACHELOR OF SCIENCE

Ed Todd O'Donald Robert Oliver Sewell

BACHELOR OF ARTS

*Hugh Stewart Austin

MASTER OF SCIENCE IN AGRICULTURE

Linton A. Richardson Robert Fulton Sikes
Hiram Toliver Woodruff

MASTER OF SCIENCE

Maynard Lea Bowen Ernest Rudolph Purvis
Kenneth W. Loucks Walter John Sciutti

MASTER OF ARTS IN EDUCATION

Orville Rhoads Davis *Bourland Benjamin Fowler
Malcolm Gilbert Donaldson John Franklin Williams, Jr.
Frank Marshall Foulks Thurston Philip Winter

MASTER OF ARTS

Hubert Arthur Haseltine Henry Peel
George Leighton La Fuze *Harold Rinalden Saunders

*Phi Kappa Phi.

LIST OF STUDENTS, SUMMER SCHOOL, 1929

<i>Name and Classification</i>	<i>Address</i>	<i>Name and Classification</i>	<i>Address</i>
Abernathy, James G., Law	Ft. Lauderdale	Beach, Richard Howard, Tea	Daytona Beach
Abbott, Beulah W. (Mrs.),	Grad	Beacom, Esther B. (Mrs.), Tea	Callahan
Adams, Eula Blue, Tea	—St. Petersburg	Beacom, Wesley Linn, Grad	Callahan
Adams, LeRoy, A&S	Hamlet, N. C.	Bean, Eleanor, Tea	Bronson
Adamson, Annie Mae, Tea	Jasper	Beard, Merta Ellis (Mrs.), Tea	—St. Petersburg
Akins, Hattie, Tea	Day	Beasley, Alice Ellen, Tea	Hawthorne
Akridge, Nicholas J., A&S	St. Catherine	Beauchamp, Thelma E. (Mrs.), Tea	—Trenton
Akridge, William G., Law	Cocoa	Beck, Dow Gary, Grad	Ocala
Allehouse, A. C., Tea	Cocoa	Beckett, Mary L., A&S	Tarpon Springs
Alonso, Eva M., Tea	Miami	Bedsole, Malcolm Roy, Grad	Graceville
Altman, Meda C., Tea	Chiefland	Begg, Rose Gradick, Tea	Lackawanna
Altstetter, Mabel F. (Mrs.),	Pine Mount	Beirs, William Franklin, Law	Bartow
Amerine, Nellie, Tea.	Gainesville	Belcher, Frances, Tea	Largo
Amos, John Ernest, C&J	Arcadia	Beldner, Leonard Kelman, Tea	Miami
Anchors, Garner B., Tea	Tallahassee	Bell, Stuart Craig, Agric	Barberville
Anderson, Archie N., Tea	Niceville	Bellerby, Katherine C. (Mrs.), Tea	—St. Petersburg
Anderson, Emma (Mrs.), Tea	Ponce de Leon	Bennett, Kathryn R. (Mrs.), Tea	Miami
Anderson, Frank Marvin, A&S	Orlando	Bennett, Martha Alvana, Tea	Lakeland
Anderson, Hans Olaf, Agric	Orlando	Benson, Robert Thos., Tea	Manatee
Anderson, Robert Thornton, A&S	Peerson	Benton, Edna, Tea	Plant City
Anderson, Rose M. (Mrs.), Tea	—Gainesville	Berlack, Lawrence B., C&J	Jacksonville
Anderson, Thomas Jefferson, Tea	—Jacksonville	Berry, Albert, A&S	Tampa
Anderson, William Faris, Law	DeFuniak Springs	Berry, Annie Eugenia, Tea	Alachua
Andrews, Charles Lester, Tea,	Orlando	Bethea, Giles Walter, Tea	Sanderson
Andrews, Fannie Mae, Tea	Darlington	Betts, Annie Lee, Tea	Quincy
Appleby, Hazel Helen, Tea	Anthony	Bevis, Georgia, Tea	Bascom
Arant, Carl Parmely, Tea	Sanford	Bevis, Myrtle, Grad	Bascom
Archibald, Robert Burns, C&J,	Palatka	Billing, Alberta N., Tea	Lake Butler
—Jacksonville		Bird, Frank Carlos, Agric	Greenville
Argo, Mary Emma, Tea	Ocoee	Black, Frances N., Tea	Hawthorne
Armstrong, Noble Boyd, Grad	—Daytona Beach	Black, Mildred Branda, Tea	Palatka
Arnett, Hettie, Tea	Longwood	Blair, Collis Cyrus, Tea	Quincy
Austin, Hugh Stuart, A&S	Orlando	Blanc, Bernard G., C&J	Miami
Aycock, Pearl, A&S	Micro, N. C.	Blanton, Chloe (Mrs.), Tea	Wellborn
Babers, Henry Jennings, A&S,	Gainesville	Blanton, Jennie, Tea	Jacksonville
Badger, Louie Frederick, Tea	Gainesville	Blanton, J. Drew, Tea	Wellborn
Baggett, Ferral Mae, Tea	Pensacola	Bliss, Myrtle R. (Mrs.), Grad,	Melbourne
Bailey, Annie B. (Mrs.), Tea	—Port Tampa City	Blount, Grace Walker, A&S	Ft. Myers
Bailey, Miriam H. (Mrs.), Tea,	Ft. Myers	Boardman, Vera K. (Mrs.), A&S	—Gainesville
Bailey, Vera Page (Mrs.), Tea	—Port Tampa City	Bolles, Elvira Harriet, Tea,	Tampashores
Bair, Russell Owen, Tea	Ft. Lauderdale	Boltin, Thelma Ann, Tea	Gainesville
Baird, Hazell Lee, A&S	Gainesville	Bond, William Bours, Law	Jacksonville
Baker, Genevieve (Mrs.), Tea,	Lake Worth	Booth, Florence H., Tea	Jacksonville
Baker, Louise, Tea	Miami	Bordeaux, Aurelia, Tea	Gainesville
Baker, Mary R. (Mrs.), Tea	Tallahassee	Bostick, John Nathaniel, A&S,	Gainesville
Baker, Nancy, Tea	Gainesville	Bostick, Mary L., Tea	Havana
Baldwin, Annie (Mrs.), Tea	Alachua	Boswell, Allie Eugenia, Tea	—Travellers Rest, S. C.
Baldwin, Pauline Lucille (Mrs.), Tea	—West Palm Beach	Bowden, Evelyn Willa, Tea	Leesburg
Bancroft, T. A., Tea	Port St. Joe	Bowen, Maynard Lea, Grad	Gainesville
Barber, Eva Lee, Tea	High Springs	Boyd, Crowther Mann, C&J.,	Jacksonville
Barnhill, William B., Agric	Gainesville	Boyd, William Wallace, A&S	Clermont
Barlar, Ella (Mrs.), Tea	High Springs	Boyd, Louise Vivian, Tea	Ocala
Barrineau, James A., Agric	Pensacola	Bradley, Charlotte E., Tea	DeLand
Barnes, Chas. O., Grad	Plant City	Bradley, Mary Ann, Tea	Century
Barnes, Grace, Tea	Miami	Bradley, Mary Georgia, Tea	DeLand
Barnes, Lillian Ogg (Mrs.), Tea	Naples	Bradley Modena A. (Mrs.), Tea,	Century
Barnett, Margaret, Tea	Hawthorne	Bradshaw, Emma, Tea	Jennings
Barrineau, Thomas L., Jr., Grad,	Gonzalez	Bradshaw, Ethel I. (Mrs.), Tea	—Gainesville
Baser, Clyde J., Tea	Myakka City	Brandenburger, Friedolin, Tea	Millstadt
Bass, Clayton Claude, Law	Live Oak	Brandon, Avis, Tea	Tampa
Bass, Joe, C&J	Tampa	Branning, Annabelle A. (Mrs.), Grad	—St. Petersburg
Bass, Nellie, Tea	Live Oak	Branton, Ocil Burl, Tea	Altha
Bass, Nettie Mae, Tea	Live Oak	Braswell, Virginia Elizabeth, Tea	—Jacksonville
Bassett, Edna Louise, Tea	Tampa	Bratley, Hazel, Tea	Miami
Bates, Letha, Tea	St. Petersburg	Brick, Edward, A&S	Marianna
Bauman, Ferne Alice, Tea	DeLand	Bridges, Ernest, Grad	Greenville, S. C.
Baya, George E., Law	Tampa	Brinson, Vera, Tea	Ocala
Bayly, Cyril, Tea	Clearwater	Brockington, Alma I. (Mrs.), Tea,	Alachua
Beach, Bessie, Tea	Bradenton		
Beach, Lilbe Mae, Tea	Webster		

<i>Name and Classification</i>	<i>Address</i>	<i>Name and Classification</i>	<i>Address</i>
Brocman, Alfred Eugene, A&S	—St. Petersburg	Casebier, Martha Ann, Tea	Kathleen
Brodmerkel, Alex H., Grad	Jacksonville	Casebier, Mary, Tea	Kathleen
Broer, Billie, Tea	Wauchula	Cashwell, Helen O. (Mrs.), Tea	Tampa
Broer, Dullye, Tea	Wauchula	Cason, Ernest Wesley, Tea	Lake Worth
Brooker, Layton R., C&J	Tampa	Cason, Virgie, Mae, Tea	Wellborn
Brooks, Roy Ray, Law	Tampa	Cassady, Evelyn, Tea	Tavares
Broone, Ruth G. (Mrs.), C&J,	Gainesville	Cauthen, Mattie Lee, Tea	Leesburg
Brothers, Shelby Lee, Agric	Reddick	Cawthon, Rainey, Tea	Tallahassee
Brown, Benny Arden, Tea	Coral Gables	Chambers, Sallie S. (Mrs.), Tea	—Gainesville
Brown, Clyde Ree, Law	Graceville	Chamblin, John Anderson, Tea	—Gainesville
Brown, Elia, Nance, Tea	Dade City	Chambliss, James Walter, Law	Tampa
Brown, Eva, Tea	Jacksonville	Chapman, Excell (Mrs.), Tea	Webster
Brown, Hael N. (Mrs.), Tea,	Clearwater	Charles, John Watson, A&S	Ortega
Brown, G. Rodney, C&J	Daytona Beach	Chastain, Bernice Ruth, Tea	Tampa
Brown, J. E., Tea	Ocala	Chastain, Lila Anrelyn, Tea,	Jacksonville
Brown, Mary Ellen, A&S	Tampa	Cheney, Augusta H. (Mrs.), Tea	—Lake Wales
Brown, Mary Parker, Tea	Arcadia	Christie, Minnie Ruth, Tea	Jasper
Brown, Mattie Lou, Tea	Fernandina	Christman, Pearl E. (Mrs.), Tea	—Jacksonville
Brown, Minnie Lou, Tea	Miami	Christo, James Earle, Tea	Gainesville
Brown, Newton Walker, Tea	—West Palm Beach	Church, Alice L., Tea	Eustis
Brown, Rebecca, Tea	Live Oak	Clarke, Katrina H., A&S	—Brookline, Mass.
Brown, Tommy (Miss), Tea	Dade City	Claville, Nannie I., Tea	Fort Myers
Brown, William Franklin, Law	Miami	Clay, Irby Eliz., A&S	Alva
Browne, Fae Regina, Tea	Lake Wales	Clements, Lam C., Tea	Fitzgerald, Ga.
Browning, Edna, Tea	Trenton	Clemons, Walter N., Tea	Tallahassee
Bryan, Emma Jean, Tea	Alachua	Cleveland, Charles B., C&J	Miami
Bryan, Johnson, Tea	Jacksonville	Cleveland, Mary Anna, Tea	Ft. Pierce
Bryant, Louise, Tea	Brooksville	Cleveland, Rafael, Tea	Miami
Buchanan, Loy Mirl, Tea	Gainesville	Clubbs, Occie, Tea	Pensacola
Buckels, Lucille, Tea	Jasper	Clyatt, Doris Ovedia, Tea	Micanopy
Buhner, William A., Tea	St. Petersburg	Coarsey, Marguerite Eliz. (Mrs.), Tea	—Coleman
Bull, John Francis, Law	Gainesville	Coburn, Dorothy, Tea	Jacksonville
Bullock, Era Mae, Tea	Nocatee	Cockrell, Carolina, Tea	Gainesville
Burdin, Norma Nixon, Tea	Brooksville	Cogburn, Laura, Tea	Cottondale
Burdin, Pearl R., Tea	Brooksville	Coggin, Julian Lewis, Tea	Cocoa
Burgess, Josephine S., Tea,	St. Augustine	Coil, Hugh, Tea	Clearwater
Burke, Emma G., Tea	Gainesville	Coker, John A., Jr., Agric	—Birmingham, Ala.
Burnett, Johnnie Albert, Tea	Sanderson	Cole, Alberta Eleanor, Tea	—Sulphur Springs
Burnett, Minnie Mae, Tea	New Smyrna	Cole, Mabel Alcorn (Mrs.), Tea	—Sulphur Springs
Burnsed, James D., Tea	Maclenny	Coleman, Burnis T., Law	Panama City
Burr, Alma C. (Mrs.), Tea	Okeechobee	Coley, Kate W., Tea	Bluff Springs
Burry, Hattie, Tea	Orange Lake	Collins, Eloise Gibson, Tea	San Mateo
Burry, Minnie Estelle, Tea	Orange Lake	Collins, Sarah Lucille, Tea	Jacksonville
Burton, Marion E., Tea	Chipley	Comer, Charlie McCalla, C&J,	Ft. Meade
Bussard, Emma M. (Mrs.), Tea	—Lake Wales	Compton, Ruth Wilkes, Tea	Orlando
Butler, Mark D., A&S	Miami	Cone, Eliz. Maney (Mrs.), Tea	Tampa
Butler, Orienne H. (Mrs.), Tea	Miami	Cone, Roy Davis, Tea	Jacksonville
Buzzett, John Joseph, Pharm	—Apalachicola	Connell, Margaret E., Tea	Manatee
Byrd, Josephine W., Tea	Miami	Conncil, Willie Mary, Tea	Manatee
Callahan, Kermyt W., C&J	Coral Gables	Connor, Warren William, Law,	Pensacola
Calvert, Donald Ellwoor, Law	—Winter Haven	Coody, Callie M., Tea	Lem Turner
Calvin, William John, A&S	Eustis	Cook, Frederick Edward, A&S	Ocala
Cameron, Lola Parrish, Tea	Ocala	Connor, Jerome Alton, Grad	Pensacola
Camp, Frances O., Tea	Jacksonville	Cooksey, Frances Juanita, A&S	Lamont
Campbell, Byron Fred, Law	Hilliard	Coppedge, Evelyn Bryan (Mrs.), Tea	—Jacksonville
Campbell, Irene Juanita, Tea	DeLand	Core, Charles Frederic, Tea	Jacksonville
Campbell, Victoria M., A&S,	Jacksonville	Cormack, Clara Hammer (Mrs.), Tea	—West Palm Beach
Carey, Miriam Elaine, Tea	Key West	Cornwell, Samuel Addison, Law	—Bradenton
Carmichael, Elnora B. (Mrs.),	Grad	Corr, Alys May, Grad	Gainesville
Carlton, Alberta Mae, Tea	Jacksonville	Cotrell, Eliz. Hunter (Mrs.), Tea,	Yukon
Carlton, Mabry A., Law	Jacksonville	Cox, Guy, Tea	Penney Farms
Carn, Mary, Tea	Citra	Cox, Mercer, Tea	Wausau
Carnes, Carl C., Grad	Florahome	Coxe, Florence Derrotha, Tea	Perry
Carson, Thelma, Tea	Tampa	Craft, Donald Goddard, A&S	Live Oak
Carter, Bessie Lett (Mrs.), Tea	—Key West	Crane, Etha B. (Mrs.), Tea	Lake Worth
Carter, Edgar White, Grad	Callahan	Crane, Edith May, Tea	Orlando
Carter, Florrie Mae, Tea	Micanopy	Crapps, Dorothy, Tea	Gainesville
Carter, Jeanette (Mrs.), Tea,	Lake Worth	Crenshaw, Ruth (Mrs.), Tea	Wildwood
Carter, Nora (Mrs.), Tea	Palatka		
Carter, Ralph Edward, Tea	Micanopy		
Carter, William Fletcher, A&S	Lakeland		
Carter, William L., Grad	Key West		
Caruthers, Ruby Mae, Tea	Oxford		

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Crews, Eva Aubrey, Tea	Jasper	Driggers, Charles E., Tea	Gainesville
Crews, Pauline, Tea	Jacksonville	Drummond, Evelyn, Tea	Lakeland
Crosby, Carabel, A&S	Adel, Ga.	Dubler, Sheldon, Law	Miami
Crotty, George Sturgis, A&S	—Crescent City	DeBose, Annie M., Tea	High Springs
Crowell, Bessie M., Tea	Wauchula	Dugan, Auldou B., Law	Gainesville
Crowell, John M., Grad	Wauchula	Dugan, Russell R., Tea	Gainesville
Crozier, Cornelia Newell, Grad	—Okeechobee	Duncan, Carrie Etta, Tea	Fort White
Crozier, Rachel Flagg, Grad	Okeechobee	Duncan, Jewel McN. (Mrs.), Tea	—Port Tampa City
Culpepper, John Broward, A&S	Perry	Duncan, Thomas Eldred, Law	—Lake Butler
Cumbe, Myrtle Estelle, Tea	Clarcona	Duncan, William G., Grad	Tampa
Cumming, Fannie, Tea	Tampa	Durban, Leta F. (Mrs.), Tea, Jacksonville	Jacksonville
Curry, Edgar Hayden, A&S	Nokomis	Durham, Sarah F. (Mrs.), Tea	—St. Petersburg
Curry, Lucile, Tea	DeLeon Springs	Dusenbury, Thelma, Tea	Lake Helen
Curry, Stella Virginia, Tea	Jacksonville	Dyson, Annie Belle, Tea.	Sanford
Curtin, James E., A&S	Gainesville	Eagan, Bessie M. (Mrs.), Tea, Key West	Key West
Daley, Sarah L. (Mrs.), Tea	—West Palm Beach	Ebinger, Rollin Jesse, Grad	Eustis
D'Alemberte, Dan W., Law	Pensacola	Eby, Eben N., Tea.	Baldwin
Daniel, John Thomas, Tea	Dade City	Echols, Frances L., Tea	Sanford
Daniel, Margaret H. (Mrs.), Tea	—Homestead	Edenfield, Laurence E., Tea, Jacksonville	Jacksonville
Daniel, Ronie Lee, Tea	Dade City	Edwards, Mounger D., A&S	—Chattahoochee
Dawson, Anne Lyde, Tea	Tampa	Eff, Samuel, Grad	St. Augustine
Dansby, George William, Grad	—Summerfield	Einig, Effie V., Tea	Miami
Dauer, Manning Julian, Tea	Tampa	Elgin, Irene W. (Mrs.), Tea, Jacksonville	Jacksonville
Dauer, Martha Fitts (Mrs.), Tea	Tampa	Elliott, Marjorie, Tea	Leesburg
Davies, John Marshall, Tea	Gainesville	Ellis, E. W., Tea	Jay
Davis, Albert Gibson, Tea	Jacksonville	Ellis, Ralph E., Tea	Milton
Davis, Eleanor (Mrs.), Tea	Farmdale	Emerson, Francis H., Tea	Gainesville
Davis, Emma (Mrs.), Tea	Miami	English, Charles Loyal, A&S, Coral Gables	Coral Gables
Davis, Florence Corinne, Tea	Ocoee	English, Rowana, Tea	Plant City
Davis, James R. (Mrs.), Tea	—Babson Park	Enochs, Mary Virginia, C&J	Stuart
Davis, Lorene, Tea	Winter Haven	Entenza, Pauline Louise, Tea, Jacksonville	Jacksonville
Davis, Mildred, Tea	Wauchula	Epling, Evelyn Ennis, Tea	Lake City
Davis, Orville Rhoads, Grad	Miami	Epperson, Kathryn E., Tea, Lake Butler	Lake Butler
Davis, Pearl Rogers (Mrs.), Grad	—Coconut Grove	Ericson, Daisy Helen, Tea	Palm Harbor
Davis, Robert Stewart, C&J	Lakeland	Erwin, Mary Etta (Mrs.), Tea	Tampa
Davis, U. P., Grad	Mayo	Eshleman, Silas K., Law	Gainesville
Davidson, W. P. (Mrs.), Tea	Gainesville	Estes, Edgar S., Jr., A&S, St. Augustine	St. Augustine
Davidson, Watson Perry, Tea	Gainesville	Evans, Adolphus R., C&J	Lake City
Dawson, Alma C., Tea	Munson	Evans, Daisy Reid, A&S	Miami
Dawson, Charles Ralph, Tea	Gainesville	Everett, Amy, A&S	Gainesville
Deal, Elma Lea, Tea	Wauchula	Ezelle, Ava, Tea	Graceville
Dean, Mary Wanita, Tea	Gainesville	Fagan, Dorothy J., Tea	Gainesville
DeArmas, Charles Robert, A&S	Tampa	Fain, Etta Aileen, Tea	Daytona Beach
Dearmin, Claude Holmes, Tea	—Orlando	Fairlie, Margaret C., Tea	Jacksonville
Decker, Bill Marion, Tea	Jacksonville	Farabee, T. N., Tea	Wauchula
Dedge, Alwin Elliott, Tea	Gainesville	Farmer, Mattie H. (Mrs.), Tea	Ocoee
Dees, Cecil Thomas, C&J	Mayo	Farnsworth, Elizabeth, A&S	Tampa
Denmark, Ewell Thomas, Tea	Gainesville	Farnsworth, Harold Ch., Law	Tampa
DeShong, Virginia (Mrs.), Tea	Tampa	Farnsworth, Lucile, Tea	Plant City
Dew, Lynne Bernice, Grad	Alachua	Farris, Lula B., Tea	Ft. Myers
Dicks, Roy, Tea	Lake City	Farnum, Marion (Mrs.), Tea	—Crystal River
Dickson, Mary Lucille, Tea	McIntosh	Faulk, Edna Mae, Tea	Lake City
Diffenworth, Julia, Tea	St. Petersburg	Fay, Cora, Tea	Panama City
Dinning, William Layton, C&J	Tampa	Fay, Orra M. (Mrs.), Tea	Panama City
Donahue, Hazel, Grad	Valdosta, Ga.	Feagin, Thelma, Tea	Eagle Lake
Dobbins, Ruth Boyles, Review, Gainesville	Gainesville	Feagle, Edna P. (Mrs.), Tea	Madison
Dominy, Grace Grant (Mrs.), Tea	—Orlando	Feagle, William B., Tea	Madison
Donahue, Cecil W., Tea	Gainesville	Feaster, Lula Mae, C&J	Micanopy
Donaldson, Malcolm Gilbert, Grad	—Shady Grove	Felson, Edgar M., Law	Jacksonville
Dopp, Lena Mary, Tea	Limona	Felson, Reuben J., Tea	Jacksonville
Dorchester, Lila, A&S	Tampa	Felton, Della P. (Mrs.), Tea	Miami
Doty, Julia, Tea	DeLand	Fernald, Inez G. (Mrs.), Tea	—Tarpon Springs
Douglas, Lawrence Young, Tea, Dunedin	Lake Butler	Fernald, Leon F., Grad	Tarpon Springs
Dowling, Jessie Lee, Tea	Miami	Fernald, William Irwin, Tea	—Tarpon Springs
Dowling, Mary Edna, Grad	Wauchula	Fetzer, Amy M. (Mrs.), Tea	Gainesville
Downing, Ethel H., Tea	Ocala	Field, Carolyn E. (Mrs.), Tea, Homestead	Homestead
Dozier, Harry C., C&J	Lake Butler	Finch, Edna Pearl, Tea	Jacksonville
Doyle, Bess E. (Mrs.), Tea	Arlington	Finman, Miriam Rachel, Tea	Tampa
Dreblow, Charles J., C&J	Monticello	Finman, Ruth Rae, A&S	Tampa
Dresville, Gertrude M., Tea	Tampa	Fish, John Sterling, Tea	Sanderson
		Fisher, Olger Otis, A&S	Tampa
		Fishler, H. W., Law	Fernandina
		Fitzgerald, Louise Mathis, Tea	Palmetto

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Fleming, John Jefferson, Tea	Vernon	Green, Wilson P., Tea	Reddick
Fletcher, Eliot Chapin, Tea	Tampa	Greene, Edgar W., Tea	Stuart
Fletcher, Horace Veddell, Tea	Miami	Greene, Lorry S., Tea	Gainesville
Fletcher, Thomas Council, A&S	Williston	Greene, Lorry A., A&S	Gainesville
Fletcher, Ward Thomas, Tea	Greensboro	Greenlaw, Mary L., Tea	St. Petersburg
Fournoy, John Thomas, Tea	—DeFuniak Springs	Greer, Paul E., C&J	Brooklyn, N. Y.
Flowers, Madie M. (Mrs.), Tea	—Campville	Gregory, Agnes, Tea	Quincy
Floyd, Clara Backus, Grad	Hawthorne	Gregory, Harriet V., Tea	Tampa
Floyd, Mary L., Tea	Jacksonville	Gregory, Joseph A., A&S	Tampa
Fogg, Grace Dell, Tea	Graham	Gregory, Robert H., Tea	Yulee
Fogg, Leola Belle, Tea	Graham	Gresham, Mary, Tea	Gainesville
Fogle, Jessie M. (Mrs.), Tea	Oak Hill	Gresham, Robert R., Grad	Ft. Myers
Folks, James William, A&S	Dunnellon	Griffin, Ethel M., Tea	Starke
Folsom, Anne Levina, Tea, St.	Petersburg	Griffin, Virgie E., Tea	O'Brien
Folsom, Dorothea Lee, Tea	Leesburg	Griley, George E., A&S	Gainesville
Fore, MaBelle, Tea	Oxford	Grimm, Phyllis J. (Mrs.), Grad	—Gainesville
Fortner, Mary Alicia, Tea	Mulberry	Groff, Rose A. (Mrs.), Tea	Boynton
Foster, Lillian Margaret, Tea	Jacksonville	Grubb, Marion R., A&S	Miami
Foulks, Frank Marshall, Grad	Tampa	Grubb, Virginia W., A&S	Miami
Fouraker, Nathan Bert, Tea	Dinsmore	Guess, Mary C., Tea	Williston
Fournier, Eliz. E., Tea	Gainesville	Guice, Elon E., Tea	Kissimmee
Fowler, Mabel P. (Mrs.), Tea	Miami	Guito, Anna S. (Mrs.), Tea	Key West
Fowler, Nina Fern, Tea	Miami	Gunn, Annie Mae, Tea	Gainesville
Fowler, Bourland B., Grad	Miami	Guyton, Charles M., Law	Marianna
Franklin, Ben O., Tea	Micanopy	Hadley, Rosalind, A&S	Jacksonville
Franklin, Grace, Tea	Lake Wales	Hafner, Edward R., C&J	Brooksville
Fraser, Edith Mae, Tea	Macclenny	Haft, Albert M., C&J	Gainesville
Fraser, Lora, Tea	Ft. Myers	Haecanian, Voda F. (Mrs.), Tea	Miami
Freeberg, Mae D., Tea	Chicago, Ill.	Hafler, H. D., Tea	Bascom
Frisbee, Selma Ellen, Tea	Miami	Hague, Rosa A. (Mrs.), Tea	Chiefland
Frye, James Laurence, A&S	Mulberry	Haines, Agatha J., Tea	Oneco
Fugate, Lena, Tea	Orlando	Hait, Kenneth B., Grad	Brooksville
Fugate, Mamie Lee, Tea	Orlando	Hales, Gladys, Tea	Ocala
Fulford, John C., Tea	Ebb	Hall, Amy C., Tea	Lowell
Fuller, J. H. (Mrs.), Tea	Useppa Is.	Hall, Anna Mae, Tea	Lake Alfred
Furen, Elia M., Tea	Sanford	Hall, Beulah T., Tea	Cross City
Galloway, Athey C., Tea	Darlington	Hall, Inez, Tea	Bushnell
Galloway, Celeste A., Tea	Darlington	Hall, Janie P., Tea	Orlando
Gant, Janet, Tea	Webster	Hall, Malcolm J., Law	Tampa
Garcia, Angie, Tea	Tampa	Hall, Pauline, Tea	Oxford
Garcia, Angie Geraldine, Tea	Tampa	Hamilton, Marie L., Tea	Miami
Garcia, Evelyn B., Tea	Tampa	Hamilton, Virginia K., Tea	Coral Gables
Garcia, Marion, Tea	Tampa	Hampton, Pixie J., Tea	Madison
Gardner, Ella G., Tea	Port Tampa	Haney, Stephen F., Grad	Clearwater
Garfinkle, Lorraine, Tea	Miami	Hansen, Maude C., Tea	Miami
Garner, Martha L., Tea	Arcadia	Hardaker, Marjorie E., Tea	Galloway
Garner, Maude L., Tea	Arcadia	Hardee, Edra V., Tea	Hardecetown
Garris, John M., Grad	Homestead	Hardy, Albert L., Tea	Vernon
Garrison, Allen N., Tea	Eustis	Hardy, Alice Louise, Tea	Vernon
Garrison, Hubert Fryer, A&S	Moultrie	Hare, Edna P. (Mrs.), Tea	Micanopy
Gaylord, Eleanor M. (Mrs.), Tea	Tampa	Harlee, Eleanor S., Tea	Tampa
Geizer, Lorenzo Dow, Grad	Trenton	Harper, Edna E., Tea	Macclenny
Gelm, Josephine C., Tea	Orlando	Harrell, Maurice Ticer M., Law	Tampa
Gerrald, E. J. (Mrs.), Tea	Wildwood	Harrelson, Esther R., C&J	Summerfield
Getzen, James C., Law	Webster	Harries, Gertrude A., Tea	Panama City
Gibbs, Mary E., Tea	DeLand	Harrington, Lawrence, Tea	Jacksonville
Gilbert, Margaret E., Tea	Orange City	Harris, Carl H., Grad	Jacksonville
Gillette, Ruby F., Tea	Parrish	Harris, Sarah S., Grad	Jacksonville
Gilley, Edna E. (Mrs.), Tea	Parrish	Harrison, Clyde, C&J	Bushnell
Glenn, Lillian B., Tea	Quincy	Harrison, George L., Tea	Anthony
Glidewell, Grace M., Tea	Jacksonville	Hartley, Mildred L., Tea	Anthony
Goette, W. L., Grad	Lake City	Hartman, Merton T., Tea	Gainesville
Goggins, Steve C., A&S	Jacksonville	Harvey, William W., Tea	Chipley
Golden, Maree, Grad	Perry	Harwell, Grace, Tea	Jacksonville
Gordon, Ammonitte, Tea	DeLand	Haseltine, Adaline (Mrs.), Tea	Gainesville
Gornto, Eva S. (Mrs.), Tea	Lake Wales	Haseltine, Hubert A., Grad	Gainesville
Gotshall, Helen G., A&S	Cocoa	Hastings, Margaret, Tea	New Smyrna
Goulding, Kathleen S., C&J,	New Smyrna	Hatch, Margaret M., C&J	Dunedin
Goulding, Robert Lee, Grad,	New Smyrna	Hatcher, Clyde Shanke, Tea	Ft. Pierce
Graham, Frank William, Tea	Altha	Hathaway, Anne, Tea	Brooksville
Graham, Gladys, Tea	Tampa	Hanselman, R. L., Grad	Auburndale
Graham, Lenore May, Tea	Jacksonville	Haynie, Evelyn H., Tea	Gainesville
Gramling, Lois E., Tea	Bowling Green	Hay, Annie M., Tea	Leesburg, Ga.
Gramling, Mamie, Tea	Tampa	Hay, Ella Mae, Tea	Tarpon Springs
Graves, John C., Agric	Tampa	Hay, Olivia L., Tea	Leesburg, Ga.
Graves, Thelma G., Tea	Lake City	Hayman, Alvin, Tea	Gainesville
Green, Arthur S., Grad	Perry	Haymans, Edna M. (Mrs.), Tea	—Gainesville
Green, Lydia Irene, Tea	Cortez	Haynes, Gerritt F., C&J	St. Petersburg

<i>Name and Classification</i>	<i>Address</i>	<i>Name and Classification</i>	<i>Address</i>
Haynes, Jessie M., Grad	New Smyrna	Hutcherson, Ethel M., Tea	—Okeechobee City
Haynes, John M., Tea	Gainesville	Hutchinson, Lena E., Tea	Quincy
Head, Grace O., Tea	Plant City	Ihrig, Elmer W., Tea	Gainesville
Head, Mabel Anne, Tea	Plant City	Irwin, Martha L. (Mrs.), A&S	Tampa
Heath, Billie, Tea	Arcadia	Jackson, Charles E., Agric	Clearwater
Heath, Florence B., Tea	Arcadia	Jacobi, Adele P., Tea	Jacksonville
Hedges, Susie DeFar, Tea	New Smyrna	Jacobi, Gertrude F., Tea	Jacksonville
Heifner, Evelyn S., Tea	Sebring	Jacobs, Kathleen M., Tea	Umatilla
Hemming, Doris, Tea	Wellborn	Jahn, Fred S., A&S	New Port Richey
Hemrod, Maud A., Tea	Wauchula	James, Thomas H., C&J	St. Petersburg
Iendershot, Velma I., Tea, St.	Petersburg	Jaramillo, Luis S., Agric.,	Medellin, S. A.
Henderson, Edwin L., Tea	Ebb	Jarrell, Hampton M., Grad	Gainesville
Henderson, Era (Mrs.), Tea	Gainesville	Jeffries, Alma, Tea	Crestview
Henderson, Susie I., Tea	Dade City	Jenkins, Lorena K., Tea, St.	Petersburg
Henly, William W., Tea, DeFuniak	Spgs.	Jennings, Susan Jane, Tea	Gainesville
Hennessee, Martiria, Tea	Hawthorne	Jerkins, Sarah E., Tea	Bushnell
Henrioud, Emma S. (Mrs.), Tea,	Welaka	Jernigan, Claude H., A&S	Monticello
Henry, Jean R., Tea	Ft. Lauderdale	Johnes, Henry G., Tea	Gainesville
Herin, William A., A&S	Miami	Johns, Henry L., Tea	Wellborn
Herriott, Edna T (Mrs.), Tea	—Ft. Lauderdale	Jogns, Mary Ruby, Grad	Tampa
Hess, Charles R., A&S	Jacksonville	Johns, Thomas M., Tea	Lake Placid
Hewett, Eunice Eva, Tea	Oakland	Johnson, Alice V., Tea	Arcadia
Hicks, Thelma J., Tea	Mulberry	Johnson, Arrie L., Law	Jay
Highsmith, Pearl, Tea	Cross City	Johnson, Dora, Tea	Lake Butler
Hill, Naoma Frances, Grad	Dade City	Johnson, Elsie, Tea	Live Oak
Hill, Nancy M. (Mrs.), Tea	Winter Park	Johnson, Etta M., Tea	Blakeley, Ga.
Hindman, Baker M., Grad	Miami	Johnson, Eva C., Tea	Evinston
Hines, Nannie J., Tea	Port Orange	Johnson, Gordon R., Tea	Ft. Ogden
Hinson, Elizabeth E., Tea	Miami	Johnson, Hattie E., Tea	Shady Grove
Hobbs, Jay D., Tea	Pierson	Johnson, Joseph P., A&S	Tampa
Hodges, Herbert L., A&S	St. Augustine	Johnson, Leonard E., Tea	Orlando
Hoffman, Mary L., Tea	Plant City	Johnson, Loftin, Tea	Waldo
Hogan, Cecil, A&S	Gainesville	Johnson, Martha C., Tea	Leesburg
Hogan, Della, Tea	Trenton	Johnson, Mary I. (Mrs.), Tea,	Hampton
Holcomb, Leona I., Tea	Bradenton	Johnson, Minton H., Tea	Gainesville
Holden, Gerry R., A&S	Jacksonville	Johnson, Myra, Tea	Knights
Holliday, Zola P., Tea	Coral Gables	Johnson, Richard S., Tea,	Daytona Beach
Hollingsworth, Ruth H., Tea	Lake Worth	Johnson, Thelma J., Tea, W.	Palm Beach
Holloway, Hetty L., Tea	Plant City	Johnson, Vivian Myrtle, Tea	—Blakeley, Ga.
Holly, Carrie B., Tea	Ocala	Johnston, Edith W., A&S	Monticello
Holmes, Frances W., Tea	Miami	Johnston, Grace S. (Mrs.), Tea	—Brownville
Holt, Eva Ellen, Tea	Ft. Meade	Johnston, Lowell, Tea	Brownville
Holton, Bessie C. (Mrs.), Tea	Perrine	Jones, Barbara B., Tea	Mims
Holton, Thomas A., Grad	Perrine	Jones, Dorothy E., Tea	Newberry
Haniker, Mariam (Mrs.), Tea,	Gainesville	Jones, Emily C., Grad	Lake Helen
Hooten, Mary M. (Mrs.), Tea,	Jacksonville	Jones, Eula, Tea	Bradenton
Horne, Doris V., Tea	Aucilla	Jones, Homer, Tea	Floral, Ala.
Horne, Macey, Tea	Monticello	Jones, John B., A&S	Oviedo
Horrell, Robert P., Law	Gainesville	Jones, Patricia N., Tea	Lake Helen
Horrell, V. Elizabeth, Tea	Titusville	Jones, Rubye, Tea	Lee
Horton, Daisy F. (Mrs.), Tea,	Ft. Pierce	Jones, Thomas J., Agric	Palm Beach
Houk, Dean Charles, Law, St.	Petersburg	Jones, William W., Tea	Bascom
Houser, Hugh C., Grad, Mifflintown,	Pa.	Jordan, Mattie D., Tea	Tampa
Housman, Clara, A&S	DeLand	Judge, Ida Jean, Tea	W. Palm Beach
Housman, Katye, A&S	DeLand	Justin, Mary L. (Mrs.), Tea	Tampa
Honson, Elizabeth, C&J	St. Petersburg	Kaplan, Harry M., Law	Miami
Howard, Alvan R., Tea	Hardeetown	Zazarian, Carl, A&S	Orlando
Howard, Onna Lee, Tea	Gainesville	Keck, Carrie H. (Mrs.), Tea	—Moore Haven
Howard, R. H., Grad	Gainesville	Keck, Evelyn Jessie, Grad	Orlando
Howard, Raymond H., Grad	Gainesville	Keen, J. Burger, A&S	Monticello
Howell, Olive Mildres, Tea	Gainesville	Kelly, Birdie L. (Mrs.), Tea	Live Oak
Howell, Esther M., Tea	Gainesville	Kelly, Joseph E., Tea	Glen St. Mary
Hrvol, Anna E., Tea	Orlando	Kelley, Vera Mae, Tea	Ocala
Huckley, Willie P., Tea	Kendrick	Kelly, Eleanor, Tea	Live Oak
Huddleston, Paul D., Tea	Jay	Kelly, Hazel, Tea	Live Oak
Hudnall, John M., Grad	Gainesville	Kelly, James H., Grad	Gainesville
Huff, Myrtle M. (Mrs.), Tea	—Ft. Lauderdale	Kelsey, George A., Tea	Lake Placid
Hughes, Florence L., Tea	Jacksonville	Kemp, Grace A., Tea	Miami
Hughes, John Miner, A&S	Jacksonville	Kennon, Gordon E., A&S	Daytona Beach
Hughey, Esther L., Tea	Sanford	Kent, Artis Lane, C&J	Gainesville
Hull, Helen G., Tea	Daytona	Kent, Mary Louise, Tea	Tampa
Humphries, Hazel (Mrs.), Tea	Alachua	Kent, Thelma C. (Mrs.), Tea,	Gainesville
Humphries, Mary (Mrs.), Tea	—Jacksonville	Kepler, Charles J., Review	—Eau Claire, Wis.
Humphries, Ruby, Tea	Mayo	Kerr, Margaret A., Tea, Tarpon	Springs
Hunter, Jessie P. (Mrs.), Tea	Ft. White	Keys, Emma, C&J	Rome, Ga.
Hurlbert, L. Deborah, Tea	Jacksonville		
Hurst, Helen F., Grad	Winter Haven		

<i>Name and Classification</i>	<i>Address</i>	<i>Name and Classification</i>	<i>Address</i>
Kicklighter, Materia, Tea	Sarasota	Lytle, Ernest J., Jr., Tea	East Lake
Kicklighter, Henry G., Tea	Ft. Green	McAfee, Helen V., Tea, Sulphur Springs	McAlone, Evelyn A., A&S, St. Augustine
Kilgore, Janie M., Tea	Jacksonville	McAnally, Selma T. (Mrs.), Tea	—Melbourne
Kimmel, William B., Tea	Ft. Lauderdale	McAulay, Lucy, Tea	McCall, Geneva L. (Mrs.), Tea, Ft. Myers
Kinard, Floreace, Tea	Ft. White	McCall, Alexander, Tea	O'Brien
King, Dorothy A., Tea	Bowling Green	McCall, Maud B., Grad	Wildwood
King, Isaac G., Tea	Sneads	McCall, Ralph D., Tea	Jasper
King, Linda L., Tea	Sarasota	McCarty, William A., Tea	Gainesville
Kirby, Mildred, Tea	Lake City	McCaughan, James R., A&S	Pensacola
Kirkpatrick, John M., A&S	Gainesville	McClellan, Essie (Mrs.), Tea, Canal Point	McClellan, Juanita A., Tea
Klett, Charlotte E., Tea	Tampa	McClellan, Juanita G., Tea	Vero Beach
Knight, Frank Tyler, A&S	Jacksonville	McClintock, Margaret C., Tea	Tampa
Knight, Martha E., Tea	St. Augustine	McCormick, Addie, Tea	LaBelle
Knight, Robt. J., Tea	Safety Harbor	McCranie, Carrie C., Tea	Jacksonville
Knight, Zelma K., Tea, Green Cove Spgs.	Green Cove Spgs.	McCranie, Dora L., Tea	Sparks, Ga.
Kolb, Bertha, Tea	Aripika	McCruory, Arthur L., Tea	Milton
Kolb, Lizzie B., C&J	Aripika	McCullough, Essie M., Tea	Oak Hill
Kolbe, Henry H., Law	Gainesville	McDaniel, Rowena E., Tea	Ocoee
Kyle, Tessie Mae, Tea	Pigeon Key	McDearmid, Maxine (Mrs.), Tea	Tampa
LaBree, Will J. (Mrs.), Tea	Dania	MacDonald, Elsie M. (Mrs.), Tea	Tampa
La Fuse, George L., Grad	Clermont	McDonald, Jackson H., Grad	Titusville
Lamb, Dorothy (Mrs.), Tea	Anthony	McDonald, Pauline F., Tea	New Smyrna
Lancaster, Cornelia M., Tea	Kissimmee	McDonald, Thelma, Tea	Wellborn
Land, Ina J. (Mrs.), Tea	Mayo	McEwen, Maude O., Grad	Zellwood
Langford, Lota B., Tea	Lake Butler	McGarity, Carol V. (Mrs.), Tea	—Ft. Pierce
Langsen, Elizabeth, Tea	Winter Haven	McGloughlin, Florence, Tea	Miami
Larowski, Mary, Tea	Monticello	McGrath, Blanche B., Tea, St. Petersburg	McGrath, Ethel B., Tea
Larsen, Elizabeth E., Tea	Jacksonville	McInnis, Sam W., Grad	O'Brien
Laslie, Kate, Tea	Cross City	McIntosh, Clyde A., A&S, Dowling Park	McKeown, Maxwell B., Tea
Lastinger, Samuel T., Tea	Gainesville	—River Junction	McKinnon, Christine L., Tea, Jacksonville
Latimer, Christine A., Tea	Wauchula	McKnight, Ruby R., Tea	Leesburg
Law, Lorene C., Tea	Gotha	McKoone, Ruth, Tea	McIntosh
Ledbetter, Clara B., Tea	Coleman	McLane, Ralph M., Law	Pensacola
Lee, Arrie L., Tea	Alva	McLendon, Altha L., Tea	Jacksonville
Lee, Edna I., Tea	Dade City	McLendon, Ida R., Tea	Jacksonville
Lee, Frank A., Tea	Gainesville	McLeod, Elsa May, Tea	Bradenton
Lee, Mary L., Tea	Palm Valley	McLeod, Wallace L., A&S	Aucilla
Lee, William I., Tea	Munson	McLin, Vivian, Tea	Tampa
Lee, W. S. (Mrs.), Tea	Munson	McLucas, Leonard L., Tea	Sanford
Leer, James V., A&S	St. Augustine	McMakin, Dorothy P., Tea	Orlando
Leitner, Almena, Tea	Kissimmee	McMillan, Ann A., Tea	Gainesville
Leonard, Mildred P. (Mrs.), Tea	—Gainesville	McMullen, Daniel G., Tea	Lee
Leonard, Sam A., Tea	Blountstown	McMullen, Harry E., Grad	Clearwater
Leto, Aurora, A&S	Tampa	McMullen, Kenneth S., Agric	Madison
Levey, Bernard F., Tea	Pensacola	McNatt, John M., Law	Gainesville
Limbaugh, Bessie M., Tea	Williston	McRae, Anderson C., Tea	Chipley
Lindsey, Mae, Tea	West Bay	McRae, Bernice A., Tea	Palatka
Linbaugh, Francis M., A&S	Tampa	McRae, Marguerite, Tea	Tampa
Lipscombe, M. B., Tea	Jacksonville	McWilliams, Lauren E., Tea	Frostproof
Litherland, Edna M., Tea	Ocoee	Macey, Kate L., Tea	Orlando
Little, Jesse L., C&J	Columbus, Ga.	Mahaffey, J. P. (Mrs.), Tea, Vidalia, Ga.	Mahone, John T., Tea
Little, Sara, Tea	Grand Island	Jacksonville	Leesburg
Lloyd, William F., Tea	Tampa	Mahony, Elizabeth A., A&S	Inverness
Lohrano, Jack R., Law	Centerville	Mahorner, Bernard T., Law	Wellborn
Long, Clarice M., Tea	Tampa	Mallory, Gladys V., Tea	Wellborn
Long, Hazel V., Tea	Orlando	Mallory, Naomi, Tea	—West Palm Beach
Long, Harris C., Tea	High Springs	Malphurs, Helena L. (Mrs.), Tea	Reddick
Long, Mary G., Tea	Marion, Ala.	Mann, Don T., Grad	Gainesville
Long, William G., Tea	East Point	Marks, Charles A., Tea	Gainesville
Lopez, Minnie A. (Mrs.), Tea	Tampa	Marchburn, C. B. (Mrs.), Tea	—Lake Butler
Lord, Annie B. (Mrs.), Tea	Orlando	Martin, Mae Belle, Tea	Sarasota
Lord, Elizabeth R., A&S	Gainesville	Martin, Maude Rock, Tea	Jacksonville
Loring, Ethel J. (Mrs.), Tea	Cocoa	Martin, Memory, Grad	Gainesville
Lott, Audrey P. (Mrs.), Grad	—High Springs	Martin, Olive F., Tea	Orange City
Loucks, Kenneth W., Grad	Gainesville	Martin, Roe M., Tea	Gainesville
Loudermill, Helia I., Tea	Pierce	Martin, Swan, Tea	Gainesville
Love, Bertha L., Tea	Trenton	Mashburn, Mansel M., Tea	Blountstown
Love, H. A., Jr., Law	Quincy	Massengill, Joseph W., Tea	Alachua
Love, Lillie M., Tea	Trenton	Massey, Euda, Tea	New Smyrna
Love, William L., Tea	Mulberry	Massey, Hollis, Law	Gainesville
Lovell, Broward N., Tea	Ocala		
Lovell, Flora E., Tea	Plant City		
Lowman, Gadsden, Tea	Istachatta		
Lowrey, Mary, Tea	Leesburg		
Luffman, Ida L., Tea	Ocala		
Luffman, Sallybird Y., Tea	Sparr		
Lyman, Daisy E., Tea	Palm Beach		
Lytle, E. J. (Mrs.), Tea	East Lake		

<i>Name and Classification</i>	<i>Address</i>	<i>Name and Classification</i>	<i>Address</i>
Matheny, Candler C., Tea	Madison	Myers, Bernice C. (Mrs.), Grad	—Gainesville
Mathews, Eulalie V., Tea	Key West	Myers, Ida (Mrs.), Tea	Ojus
Matthew, Emily E., Tea	Jacksonville	Myers, Minnie May (Mrs.), Grad	—Rockledge
Matthews, Lucil W. (Mrs.), Tea	Palmetto	Mynchan, Margaret M., Tea	Jacksonville
Matthews, Melba M., Tea	Ponce de Leon	Myres, Frank K., Tea	Gainesville
Matthews, Thomas D., A&S	Alachua	Napier, Homer A., Tea	Altha
Maxwell, Thelma L., Tea	—Green Cove Springs	Nash, Viola E., Tea	Jacksonville
May, Myree H. (Mrs.), Tea	Miami	Naugle, Mary H., Tea	St. Petersburg
Mayo, Gertrude, C&J	Summerfield	Neck, Helen May (Mrs.), Tea	Palatka
Meadows, Claire, Tea	Citra	Nelson, Melvin W., Law	Tampa
Mears, John M., Tea	Cypress	Newcome, Ed, Tea	Ocala
Mears, George H., Grad	Cypress	Newell, Laura L., Tea	West Palm Beach
Mehlman, George B., C&J	Jacksonville	Newell, Mary G. (Mrs.), Tea	—New Smyrna
Meitin, Ruth, A&S	Orlando	Newlan, Senie E. (Mrs.), Tea	Perrine
Menncken, Carl E., A&S	Miami Beach	Newson, Edward C., A&S	Jacksonville
Menncken, Jessie W. (Mrs.), A&S	—Coral Gables	Newson, Seldon M., A&S	Jacksonville
Merrill, Adam A., Tea	Pensacola	Newton, Laura A., Tea	Winter Garden
Merryman, Anna J., Tea	DeLand	Newton, Nelle E., Tea	Live Oak
Messer, Viola A., Tea	Perry	Nichols, Wesley W., Tea	Gainesville
Metcalf, Willie A. (Mrs.), Tea	Gainesville	Nickerson, Bernice M., Tea	Lakeland
Micfle, Louise H., Tea	Tavares	Nininger, Mary E., A&S	Ft. Myers
Mikell, William Owen, C&J	Olustee	Niswonger, Edith, Tea	Tampa
Miller, Charles, Tea	Jacksonville	Nolan, James H., Tea	Jacksonville
Miller, Clara P., Grad	Chattahoochee	Nolle, Maude C. (Mrs.), Tea	Jacksonville
Miller, Dorothea V., A&S	Winter Haven	Norfleet, Paul J., A&S	Newberry
Miller, E. H., Tea	Melbourne	Norman, Grover C., Agric	Starke
Miller, Evelyn, Tea	Sarasota	Norman, Mary J., Tea	Jacksonville
Miller, George A., Grad, Mifflintown, Pa.		Norton, Bessie A., Tea	Panama City
Miller, Jack, A&S	St. Petersburg	Oberholtzer, Fay B. (Mrs.), Tea	—Leesburg
Miller, Laura B. (Mrs.), Tea	Bradenton	O'Bryant, Violet, Tea	Oxford
Miller, Mattie Belle, Tea	Leesburg	Odell, Winifred D., Tea	Oxford
Miller, Robert, Tea	Dowling Park	O'Donald, Ed Todd, A&S	Jacksonville
Miller, Theodore W., Tea	Gainesville	O'Hara, Emma, Tea	Gainesville
Milligan, Marcella, Tea	Jacksonville	Ohara, Marvin, Tea	Live Oak
Millinor, Mary E., Grad	Madison	O'Hara, Milbrey E., Tea	Ellaville
Milton, Augusta G., Tea	Maeclenny	Olson, Clara M. (Mrs.), Grad	Gainesville
Milton, William H., Tea	Maeclenny	Otte, Burton John H., Grad	Gainesville
Minnis, Margaret E., A&S	Augusta, Ga.	Outzs, Eunice A., Tea	Madison
Minor, Leonidas C., Tea	St. Petersburg	Overhultz, John N., Tea	Gainesville
Minton, Eunice L., Tea	Palatka	Owen, Mildred E., Tea	Oxford
Mitchell, Horace F., Tea	Live Oak	Padgett, Faith F., Tea	Mayo
Mitchell, Jean O., Tea	Gainesville	Palmour, Charles E., Tea	Anthony
Mizell, Caroline G. (Mrs.), Tea	—Gainesville	Parker, Henry C., Tea	High Springs
Mizelle, Russie Mae, Tea	Live Oak	Parnell, Gwendolyn, Tea	Ft. Lauderdale
Mobley, Gordon S., C&J	Jacksonville	Parrish, Jocie, Tea	Ocala
Model, Jack, Law	Gainesville	Parrish, Susie E., Tea	Parrish
Moon, Leland W., Grad	Altha	Parrish, Will (Mrs.), Tea	Parrish
Moon, Robert C., Tea	St. Andrew	Parrott, Ernest M., Grad	Gainesville
Moore, Francis E., Rev	Anthony	Parrott, Rachel A. (Mrs.), Grad	—Gainesville
Moore, Hazel L., Tea	Madison	Parshall, Phillip L., Tea	Ft. Myers
Moore, Leonidas C., Tea	Jacksonville	Passman, Cora (Mrs.), Tea	Tice
Moore, Louise D. (Mrs.), Tea	Clearwater	Peabody, Wright W., A&S	Coral Gables
Moore, Mary K., Tea	Bartow	Peacock, J. Troy, Tea	Marianna
Moore, Mildred K., Tea	High Point, N. C.	Pearson, James L., A&S, St. Petersburg	St. Petersburg
Moore, Myrtle A., A&S	Huntington	Pearson, Seibert C., A&S	Alachua
Moore, Natalie, Tea	Ft. Lauderdale	Pearson, Vera, Tea	Miami
Moore, Sarah Alice, Tea	Lake City	Peek, H. E., Tea	Jacksonville
Moore, Sue Marvin (Mrs.), Tea	Anthony	Peek, Mary E. (Mrs.), Grad	Jacksonville
Moore, Winona S. (Mrs.), Tea	—Daytona Beach	Peel, Henry, Grad	Gainesville
Moorman, John Haynes, Tea	Leesburg	Pence, Leland H., A&S	Orlando
Morgan, Arull L., Grad	Mayo	Pendergrass, Sanford H., Tea	Gainesville
Morgan, J. W., Tea	Mayo	Pennington, Mattie B., Tea	Auburndale
Morgan, Lillian C., Tea	Micanopy	Pentreath, Ada C., Tea	Miami
Morgan, Louise, Tea	Gainesville	Pepper, William M., Jr., Law	Gainesville
Morrey, Pattie M. (Mrs.), Tea	Orlando	Perkins, Carroll C., Grad	Jacksonville
Morris, O. D., Tea	Gainesville	Perkins, Lindsey S., Tea	Pine Castle
Morrow, Albert R. (Mrs.), Tea	Madison	Perloff, Ben, Grad	Jacksonville
Morrow, Albert R., Grad	Madison	Perryman, Vivian I., Tea	Lecanto
Morse, Gladys A., Tea	Percy	Persons, Charles W., Grad	Havana
Moses, Judson E., Grad	Greensboro	Pert, E. Catherine, Grad	Miami Beach
Moulton, Ruth, Grad	Parrish	Peters, Frank Alma, Tea	Miami
Moyer, Martin H., Law 4,	Ft. White	Peters, Paul E., Tea	Chipley
Muller, Adelaide, Tea	Oxford	Peterson, Dora, A&S	Miami
Mullins, Arlen A., Tea	De Soto City	Phelps, Hazel, Tea	Webster
Munn, Lucilen, J. (Mrs.), Tea	Miami	Phillips, Carrie J. (Mrs.), Tea	Tampa
Murphree, Claude L., Grad	Gainesville		

Name and Classification	Address	Name and Classification	Address
Phillip, Cecil R., Law	Gainesville	Richardson, Lenton, Grad	O'Brien
Phillips, George W., A&S	Lakeland	Richardson, Pearl R., Tea	O'Brien
Phillips, Grace R., A&S	Orlando	Richardson, Vera O., Tea	O'Brien
Phillips, Theresa F. (Mrs.), Tea	Orlando	Ridenour, Marie J., Tea	Gainesville
Phillips, William S., Law	Tampa	Rider, A. Leech, Grad	Tallahassee
Phillyn, Erroch B., Law	Bartow	Riggins, Catherine, A&S	Tampa
Pickering, Rebecca L., Tea	Jacksonville	Ringling, Henry E., C&J	Gainesville
Pickett, Erma May, Tea	Jacksonville	Rivers, Carolyn J., Tea	Palmetto
Pickren, Pansy, Grad	Palatka	Rivers, Genevieve, Tea	Lake Butler
Pinholster, Delah B., Tea	Bunnell	Rivers, Myrtice, Tea, Green	Cove Sprys.
Pinholster, George D., Tea	Bunnell	Robarts, Frank S., C&J	Largo
Pinkston, Gertrude F., Tea	Jacksonville	Robarts, Jessie F., Tea	Largo
Pitts, Richmond K., Tea	Fink	Roberts, Clara L., Tea	Stady Grove
Plank, F. M. (Mrs.), Tea	Jacksonville	Roberts, Gladys, Tea	Punta Gorda
Platt, Frances Z. (Mrs.), Tea, Gainesville	Tea, Gainesville	Roberts, Jenessie (Mrs.), Tea	Miami
Platt, Irene S. (Mrs.), Tea	Boca Raton	Roberts, Julian B., Tea	Laurel
Platt, William Z., Law	Arcadia	Roberts, Pansie L., Tea	O'Brien
Pogue, Cyril E., Law	Orlando	Roberts, Pearle A., Tea	Micanopy
Polk, Harriet P. (Mrs.), Tea, Jacksonville	Tea, Jacksonville	Roberts, William F., Tea	Lake Placid
Poppell, Edward C., Tea	Micanopy	Robertson, Alleyn R. (Mrs.), A&S	—Gainesville
Poppell, Louise C., Tea	Clearwater	Robertson, Isla Mae, Tea	Live Oak
Poppell, Rubie Mae, Tea	Starke	Robertson, William D., A&S	Milton
Potner, Alice R., Grad	Winter Park	Robinson, Annie B., Tea	Melrose
Potter, William H., Tea	Vernon	Robinson, Caroline A., Tea	Miami
Pound, Aubrey James, Tea, St. Augustine	St. Augustine	Robinson, Helen (Mrs.), Tea	Tampa
Powell, Stella M., Tea	Miami	Robinson, Nellie May, Tea	Seville
Prevatt, John P., Grad	Valdosta, Ga.	Robinson, O. T. (Mrs.), Tea	Melrose
Price, Joseph E., Tea	St. Petersburg	Robinson, Reda, Tea	Melrose
Price, Mildred C., Tea	Tampa	Robinson, Thomas R., Grad	Tampa
Pridgen, Claude L., Tea	Waldo	Robinson, Verlie T., Tea	Milton
Preister, Harold F., Tea	Lake Butler	Robinson, William E., Tea	Palmetto
Prince, Thomas C., Tea	Jacksonville	Robison, Irma J. (Mrs.), Tea	Orlando
Pritchard, Rosa V., Tea	Tampa	Robson, Lula M., Grad	Tampa
Pugh, Elizabeth, Grad	Gainesville	Roesel, Tillie, Grad	Ocala
Purma, Elizabeth J., A&S	Bradenton	Rogers, Edna, Tea	River Junction
Purs, Martin H., Tea	Naples	Rogers, E. E. (Mrs.), Tea	Hastings
Purson, May C. (Mrs.), Tea	Cocoa	Rogers, Leola D. (Mrs.), Tea	Wellborn
Purvis, Ernest R., Grad	Florence, S. C.	Rollins, DeWitt F., Grad	Winter Haven
Quarterman, W. E. (Mrs.), Tea	—Jacksonville	Rollins, Thelma W. (Mrs.), Tea	—Winter Haven
Race, Guy A., Tea	Bristol	Rooks, Besse G. (Mrs.), Tea	Williston
Rader, Marcia A., Tea	Bee Ridge	Rosenburg, Beatrice, Tea	Tampa
Rader, Marcia A. (Mrs.), Tea	Bee Ridge	Ross, Amanda L., Tea	Valdosta, Ga.
Rader, Rachel E., Tea	Lakeland	Ross, Clarence A., Tea	Hialeah
Radinsky, Julia R., Tea	Vero Beach	Rosseter, James W., Tea	Eau Gallie
Ramsey, Allan Collier, Law	Tampa	Rountree, Curtis (Mrs.), Tea	Waldo
Ramsey, James A., Tea	Bristol	Rowe, Jessie W. (Mrs.), Tea	New Smyrna
Ranson, Ruth, A&S	Valdosta, Ga.	Rowe, Julia F., Tea	Jacksonville
Raulerson, Lois (Mrs.), Tea, High Springs	Tea, High Springs	Russ, Ashley R., Tea	St. Petersburg
Rawls, Agnes D., Tea	Jacksonville	Russ, Ila C. (Mrs.), Tea	St. Petersburg
Rawls, Alene, Tea	Jacksonville	Sackett, DeLester, Tea	St. Petersburg
Rawls, Lulu D., Tea	Gainesville	Safer, Mor Ben, Law	Jacksonville
Rawls, Vernon C., Law	Gainesville	Salas, Zoila A., Tea	Tampa
Read, Alice M., Tea	New Smyrna	Sargent, Eva M. (Mrs.), Tea	Oak Hill
Read, Anna Laura (Mrs.), Tea	—Jacksonville	Sarns, Charles L., Tea	Largo
Read, Helen M., Tea	Jacksonville	Sarra, E. LaMar, Law	Pensacola
Reagan, Elizabeth (Mrs.), Tea	Elfers	Sarra, Howland A., Tea	Pensacola
Redding, Robert Louis, A&S	Orlando	Sasnett, Henry H., A&S	Jacksonville
Reed, Harriet B., Tea	Jacksonville	Saunders, Harold R., Grad	Pine Castle
Reeves, Arabelle, Tea	Williston	Savage, Charlotte K., Tea	Lake Butler
Rencher, Mamie Lee, Tea	Winter Park	Scally, Gertrude, Tea	Ybor City
Reuben, Vestor M., A&S	Coral Gables	Scarborough, Georgia, Tea	Sarasota
Revell, Beulah E., Tea	Wauchula	Scarborough, Stella, Tea	Orlando
Revels, Bethel H. (Mrs.), Tea	Trilby	Schindler, Errah D. (Mrs.), Tea	Tampa
Revels, Fred O., Tea	Trilby	Scholz, Robert E., Law	Miami
Revels, J. Vernie, Law	Florahome	Schwartz, Dan R., C&J	Jacksonville
Revels, Willie C. (Mrs.), Tea, Gainesville	Tea, Gainesville	Schwartz, Harold C., C&J	Jacksonville
Reynolds, Doris E., Tea	Lakeland	Sciutti, Walter J., Grad	Jacksonville
Reynolds, Frederick R., Tea	Tallahassee	Scofield, Joe W., Law	Clearwater
Rhoden, Lola C., Tea	Macclenny	Scott, Felton W., A&S	Lucerne Park
Rhoden, Walter R., Tea	Olustee	Scott, Kathryn V., Tea	St. Petersburg
Rice, Joseph Davies, C&J	Gainesville	Scruggs, Ann, Tea	Aucilla
Rice, Ora S. (Mrs.), Tea	Sarasota	Sears, Emily, Tea	Ocala
Rice, William P., A&S	Pensacola	Seay, Margaret, Tea	Gainesville
Richards, Benjamin P., Law	Gainesville	Sellers, Linda F., Tea	Wauchula
Richards, James W., Agric	Baker	Semmes, Sarah H., Tea	Tampa
Richards, V. L., A&S	Gainesville	Sensabaugh, Effie R., Tea	Winter Haven
Richardson, Erma A., Tea	O'Brien	Settle, Lucy B., Grad	Gainesville
Richardson, Leitha J., Tea, High Springs	High Springs	Sewell, Robert O., A&S	Gainesville

<i>Name and Classification</i>	<i>Address</i>	<i>Name and Classification</i>	<i>Address</i>
Shaw, Bertha M. (Mrs.), Tea	Raiford	Smith, Marian M. (Mrs.), Tea	—Gainesville
Shaw, Essa D. (Mrs.), Tea	Clearwater	Smith, Morring W., Tea	Parrish
Shaw, Fannie B., Tea	Jacksonville	Smith, Nellie M. (Mrs.), Tea	Gainesville
Shaw, Jeanette, A&S	Gainesville	Smith, Susie C., Tea	Middleburg
Shaw, William Henry, Grad	Raiford	Smith, Wilma, Tea	Orange
Sheppard, Joe E. (Mrs.), Tea	Eustis	Smith, Zerlyne, Tea	Miami
Sheridan, Edna M., Tea	Clearwater	Smysor, Paul A., Law	Gainesville
Shimp, Robert C., Grad	Jacksonville	Snow, Thomas A., A&S	Gainesville
Shine, Helen J. (Mrs.), Tea	Tampa	Snyder, Harry M., C&J	St. Augustine
Shireman, Hazel P., Tea	—	Solomons, Louise M. (Mrs.), Tea	Perry
Shiver, Gladys M., Tea	Jennings	Sparkman, Agnes, Tea	Port Orange
Shotwell, Florence, Tea	Palm City	Spence, Maude, Tea	Largo
Skoun, Herbert S., Tea	Tampa	Sproull, Katherine F., Tea	Jacksonville
Shuler, Goldie I., Tea	Hosford	Stafford, Bessie M., Tea	Tampa
Shuler, Jay A., Law	Hosford	Standley, Graynella E., Tea	Gainesville
Shumate, Elizabeth F., Tea	Lakeland	Stanford, Bessie L., Tea	Arcadia
Siege, Mayme (Mrs.), Tea	Geneva	Stanford, Miriam O., Tea	Ocoee
Sieg, Willie L., Tea	Geneva	Starnes, Finis E., Law	Ft. Myers
Sikes, Annie F. (Mrs.), Tea	Grandin	Steele, Rea (Mrs.), Tea	Panama City
Sikes, Cora V., Tea	Palmetto	Steen, Vernon C., Grad	Gainesville
Sikes, Grace O., Tea	Palmetto	Stephens, James H., Tea	Ona
Sikes, Robert F., Grad	Sylvester, Ga.	Stephens, William H., Grad	Apopka
Silsby, Harry Z., A&S	Gainesville	Stevens, Grace A. (Mrs.), Tea	—Jacksonville
Simmons, Milton, Tea	Hartford, Ala.	Stevens, William D., Tea	Jacksonville
Simmons, William A., Tea	—Harrisville, W. Va.	Stewart, Annie Belle, Grad.	Tampa
Simpson, Arthur Allen, Tea	Jacksonville	Stewart, Evelyn K., Tea	Kissimmee
Simpson, Martha H., Tea	Tampa	Stewart, Jessie (Mrs.), Tea	Eau Gallie
Sims, Leona V., Tea	Brantford	Stewart, Lloyd D., Grad	Alva
Sinclair, Lila G., Tea	Wauchula	Stine, M. Frances (Mrs.), Tea	Oviedo
Singletary, Baulah J., Tea, High Springs	High Springs	Stivender, Minerva D., Tea	Leesburg
Singletary, George L., C&J	Kissimmee	Stokes, Lillian A. (Mrs.), Tea	—West Palm Beach
Sister, Agatha, Tea	Orlando	Stone, M. L., Grad	Bountstown
Sister, M. Augustine, Tea	—Tampa (Ybor City)	Stone, Ruby Allene, Tea	Live Oak
Sister, M. Boniface, Tea	Jacksonville	Stone, Wilbur Charles, Law	—St. Petersburg
Sister, Mary Norberta, Tea, St. Augustine	St. Augustine	Stoney, William S., Grad	Gainesville
Sister, M. Rose de Lime, Tea	—St. Augustine	Story, Laura N. (Mrs.), Tea, Clearwater	Clearwater
Sister, M. Thecla, Tea	Jacksonville	Suggs, Maude T. (Mrs.), Tea	O'Brien
Sister, M. Tjeophane, Tea, St. Augustine	St. Augustine	Summers, Adolphus E., Law, High Springs	High Springs
Sister, M. Vincent, Tea	Jacksonville	Summer, Ouida O., Tea	Trenton
Sister, St. Andrews, Tea	St. Augustine	Swain, Allie L. (Mrs.), Tea	Oak
Skinner, Alfred O., Tea	Cocoa	Swearingen, Millicent, Tea	Gainesville
Sledge, Mildred C., Tea	Jacksonville	Sweat, Evelyn, Tea	Mulberry
Sloan, Wincie M., Tea	Jacksonville	Sweat, Grace H. (Mrs.), Tea	Wimauma
Slocum, Edna W., Tea	Brantford	Sweat, Samuel David, Tea	O'Brien
Slope, Evelyn A., Tea	Ocoee	Sweat, Thomas W., Tea	Live Oak
Sloozh, Sam O., Agric	Dade City	Sweet, Margaret L., Tea	Jacksonville
Smedley, Mayme E., Tea	DeLand	Swope, Sarah E., Tea	Orlando
Smedley, William G., Tea	Jacksonville	Syrettm, Jesse M., Tea	Vernon
Smiley, Rosila M., Tea	St. Petersburg	Sylvester, Anita M., Tea	Alva
Smily, Kussel Glen, Law, St. Petersburg	St. Petersburg	Tanner, Emme P. (Mrs.), Tea	Baldwin
Smith, Cecil Lee, Tea	Dade City	Taylor, Andy D., Tea	Tampa
Smith, Chloe (Mrs.), Tea	Oxford	Taylor, Caffrey W., C&J	Plant City
Smith, Christine, Tea	Oxford	Taylor, Inez E., Tea	Macclenny
Smith, Clarice Y. (Mrs.), Tea	—Jacksonville	Taylor, Maurice E., Tea	High Springs
Smith, Daisy Rae, Tea	Tampa	Taylor, Maurice E. (Mrs.), Tea	—High Springs
Smith, David Clair, Law	Wabasso	Taylor, Nana Anne, Tea	—Howey in the Hills
Smith, Donald W., A&S	Gainesville	Tedder, Warren Louis, Law	Live Oak
Smith, Dorothea H., Tea	Gainesville	Tenly, Frances, Tea	Gainesville
Smith, Edmond R., Tea	Okcechobee	Tenney, A. Webster, Tea	Gainesville
Smith, Elizabeth R., Tea	St. Petersburg	Terry, Berdico Mac, Tea	Brantford
Smith, Elizabeth M., Tea	Tampa	Terry, Erma Gene, Tea	Gainesville
Smith, Eula S., Tea	O'Brien	Terry, Helen M. (Mrs.), Grad	Hialeah
Smith, Fannie Forrester, Tea	Miami	Terry, Robert Henry, Grad	Hialeah
Smith, Fannie Olivia, Tea, Winter Haven	Winter Haven	Thaden, Zona G., Grad	St. Petersburg
Smith, Glenn C., Grad	Ft. Lauderdale	Thomas, Alyne, Tea	Macclenny
Smith, Heyburn D., Tea	Ocoee	Thomas, Elma, Tea, Green Cove Springs	Green Cove Springs
Smith, Horace L. (Mrs.), Tea	Ocala	Thomas, Harvey Lee, Tea	Tallahassee
Smith, J. Wallace, Tea	Wauchula	Thomas, John Henry, A&S	Gainesville
Smith, James Emcry, Grad	Cypress	Thomas, Margaret O., A&S	Gainesville
Smith, Leola, Tea	Palatka	Thomson, Elair, Tea	Gainesville
Smith, Louise, Tea	Williston	Thomson, Lucretia D., Tea	Gainesville
Smith, Louise A. (Mrs.), Tea	—Ft. Lauderdale	Thompson, Annis C. (Mrs.), Tea	Oviedo
Smith, Luell L., Tea	Dunnellon	Thompson, H. S. (Mrs.), Tea	—Kenansville
Smith, Maeselle, Tea	Midland City		

Name and Classification	Address	Name and Classification	Address
Thompson, H. S., Tea	Kenansville	Watkins, Caroline (Mrs.), Tea,	Micanopy
Thompson, Laudious L., Grad	—Panama City	Watkins, Jin, C&J	Gainesville
Thompson, Mildred V., Tea	Macclenny	Watkins, Lillian Letitia, Tea	—Green Cove Springs
Thompson, P. J. (Mrs.), Grad,	Gainesville	Watkins, Stasia G., Tea	Ft. Myers
Thompson, Pierce J., Tea	Gainesville	Watrous, Thomas M., Law	Tampa
Thorp, Mamie L., Tea	Tampa	Watson, Nannie, Tea	Tampa
Thorpe, Marion Janet, Tea	Manatee	Watson, Ray M., Law	Miami
Thursby, Maude A., Tea	Orange City	Watson, True, Tea	Inverness
Tierney, Charles J., Tea	Ft. Myers	Watson, Wilma Ruth, Grad	Gainesville
Tillman, Aris I. (Mrs.), Tea	Campville	Waugh, Joseph E., A&S	Gainesville
Tillson, Virginia (Mrs.), Tea	—St. Augustine	Weatherford, Bersa V., Tea	—Zolfo Springs
Timmons, Alma (Mrs.), Tea	Gainesville	Weaver, Ava Stout, Tea	Boynton
Tipton, Mary Lucella, Tea	Tampa	Weeks, Howell Tucker, Tea	Trenton
Todd, J. O., C&J	Gainesville	Weeks, Katie B., Tea	Newberry
Tolbert, Agnes R., Tea,	Greenwood, S. C.	Weeks, William T., Tea	Newberry
Tomyn, William, Tea	Winter Garden	Weisner, John T., Tea	Waldo
Tooke, Maomi R., Tea	Cedar Key	Weissinger, Lillian A., Tea	Orlando
Touchoon, May L., A&S	White Springs	Welch, Mildred V., Tea	Arcadia
Tower, John B., A&S	Homestead	Welles, Gurdon H., Tea	Miami
Towles, Alton M., Law	Crawfordville	Welling, Frederick A., C&J,	Babson Park
Towles, Emma P. (Mrs.), Tea	Fulford	Wells, Evelyn J., Tea	Eureka
Trappell, Ouida Lou, Tea	Stuart	Wells, Idella (Mrs.), Tea	Sarasota
Trask, Dollie Ray, Grad	Highland City	Wells, Idella Ellen, Tea	Sarasota
Tribolet, Mois Glenn, Tea	Gainesville	Wells, Lillian J., Tea	Largo
Trimble, Anna B. (Mrs.), Tea	—High Springs	Wells, Martha E., Tea	Jacksonville
Trogdon, Richard Page, Tea	Melbourne	Wende, Agnes C., Tea	Havana
Trottman, Warren E., Tea	—Port Tampa City	Wentworth, A. H. (Mrs.), Tea	Carbur
Troxler, Walter Garret, Law	Ocala	West, Gladys W., Tea	Dover
Truste, Charles W., Tea	Waldo	West, Grace S., Tea	Ocoee
Turner, Edward E., Law	Stuart	West, Maude E., Tea	Hartsville
Turner, Evelyn, Tea	Arcadia	West, Sara V. (Mrs.), Tea	—Tarpon Springs
Turner, E. P., Tea	Trenton	West, Thomas F., Law	Ft. Myers
Turner, G. Fred, Tea	Pineland	Westbrook, Zenith A. (Mrs.), Tea	—Clermont
Turner, Lide Jane, Tea	Lecanto	Westbury, Harry E., Tea	Gainesville
Turner, Nell E., Tea	Coleman	Weston, Mary E., C&J	Gainesville
Tyler, Julia Colson, Tea	Jacksonville	Wetherington, Rose I., Grad	Newberry
Tyree, Annie Mae (Mrs.), Tea	—Tampa Shores	Wetherington, Tullie S., Grad	Newberry
Underhill, Marion Reeves, C&J	—Barberville	Wheeler, Addie B., Tea	Ft. White
Upham, Harriet R., Tea	Kissimmee	Wheeler, Evelyn L., Tea	Oviedo
Upson, Ruth N., Tea	Jacksonville	Wheeler, Isabel S. (Mrs.), Tea	Miami
Van Antwerp, Marie E., Tea	Tampa	Wheeler, Joseph A., Tea	Miami
Van Sickle, Dale H., Tea	Gainesville	Wheeler, Joseph Drew, Grad	Ft. White
Van Slyke, Mary L. (Mrs.), Tea	—Jacksonville	Wheeler, Nora (Mrs.), Tea,	Penney Farms
Varn, Zelta Ella, Tea	Sanford	Whetstone, Mary E., Tea	Palm Harbor
Vassie, Abbie, Tea	Mulberry	Whitaker, Dorothy M., Tea	Ocoee
Vassie, Margaret B., A&S	Mulberry	White, Arthur R., Agric	Penney Farms
Vaughn, Joseph E., Tea	Ocoee	White, Ruth, Grad	Gainesville
Vaughn, Mary H., Tea	Jacksonville	Whitehead, Noma, Tea	Milton
Veher, Iva C., Tea	Coral Gables	Whitehead, Rosa Mae, Tea	Tampa
VeVerka, Richard D., Tea	Bradenton	Whitehead, Ruth H., Tea	Hollister
Waddy, Talitha E., Tea	Ellers	Whitelaw, Ione, Tea	Floral City
Waits, Zell, Tea	Ocoee	Whittam, Benjamin, C&J	Gainesville
Waldron, Nellie E., A&S	Bradenton	Whittle, Clennie E., Tea	Clearwater
Walker, Powell W., Tea	Olga	Wicker, Emma D. (Mrs.), Tea	Coleman
Walker, Shade Wilson, Law	Sanford	Wikle, Delora H., Tea	Boynton
Walker, Solomon Lloyd, Tea	Perry	Wilkins, James A., Tea	Ft. Green
Walker, Thomas S., Grad	Everglades	William, Lilly M., Tea	Dunnellon
Wallace, Howard K., Tea	Gainesville	Williams, Angelo D., Grad	Gainesville
Wallace, Sam D., Law	Gainesville	Williams, Charles M., Grad	Trenton
Ware, Mary P. (Mrs.), Grad	—Miami Beach	Williams, C. M. (Mrs.), Tea	Trenton
Warner, Lena Mac, Tea	Live Oak	Williams, Edwin L., Tea	Williston
Warnock, Elizabeth A., Tea	Inverness	Williams, Grace J. (Mrs.), Tea,	Williston
Warren, Bertha, Tea	Palmetto	Williams, Hettie R., A&S	Perry
Warren, Frances V., Tea	Lakeland	Williams, John F., Grad	Tallahassee
Warren, Lottie E., Tea	Clearwater	Williams, John W., Tea	Fairbanks
Warren, Richard, Tea	Gainesville	Williams, Kenneth R., Grad	Monticello
Warriner, Agnes, Tea	St. Petersburg	Williams, Maxine F. (Mrs.), Tea	—Gainesville
Wasdin, Gladys (Mrs.), Tea	Graham	Williams, Norman E., A&S	Seville
Wasdin, John Alvin, Tea	Graham	Williams, Richard S., C&J	Tampa
Wasson, Lucy F. (Mrs.), Tea	Ocala	Willis, Claibelle, Tea	New Smyrna
Waters, Dale B., Tea	Gainesville	Willis, Flora B. (Mrs.), Tea	Titusville
Waters, John D., Agric	Museogee	Wilson, Horace S., Law	Gainesville
		Wilson, Mary H. (Mrs.), Tea,	Gainesville

<i>Name and Classification</i>	<i>Address</i>	<i>Name and Classification</i>	<i>Address</i>
Wilson, Norma E., Tea	—Green Cove Springs	Wooten, J. D., Tea	DeFuniak Springs
Wilson, Odessa M., Tea	Jacksonville	Wright, Beulah, Tea	Gainesville
Wilson, Verne Edmond, A&S		Wright, Beulah, Tea	Sharon
	—Hettinger, N. Dak.	Wright, Shelly K. (Mrs.), Tea	
Wilson, Verta P., Tea	Tampa		—Lem Turner
Wingate, Adna Q., Tea	Gainesville	Yawn, Cecil P., Tea	Graceville
Winter, T. P., Grad	Oakland	Yawn, Maude J. (Mrs.), Tea	Tampa
Withess, Aubrey V. (Mrs.), Tea	Trilby	Yon, Flora, A&S	Gainesville
Wohl, Anna J., Tea	Tampa	Yon, Sally, A&S	Gainesville
Wolfe, Rosa E., Tea	Macclenny	Yongue, Elva A., Tea	Reddick
Woodard, Willie M., Tea	Gainesville	Yongue, Leila O. (Mrs.), Tea	Fairfield
Woodcock, Frank B., Tea	Jacksonville	York, Velta F. (Mrs.), Tea	Jacksonville
Woods, Bertha J., Tea	Bowling Green	Youmans, Hilda, Tea	Webster
Woodruff, Hiram T., Grad		Young, Lula E., Tea	Bushnell
	—Louisville, Miss.	Youngblood, Lillian F., Tea	Parrish
Woodward, William E., Law	Quincy	Yowell, Emma, Tea	Kissimmee
Woodwell, Ruth Adams, Tea	Madison	Zetrouer, Horrace F., Grad	Rochelle

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The University Record

of the

University of Florida

General Information for the Year

1930-31



Vol. XXV, Series I No. 2

April 1, 1930

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The University Record of the University of Florida is issued once every month except June, when it is issued six times.

The Record comprises:

The Reports of the President and the Board of Control, the Bulletin of General Information, the annual announcements of the individual colleges of the University, announcements of special courses of instruction, and reports of the University Officers.

These bulletins will be sent gratuitously to all persons who apply for them. The applicant should specifically state which bulletin or what information is desired. Address

THE REGISTRAR
University of Florida
Gainesville, Florida

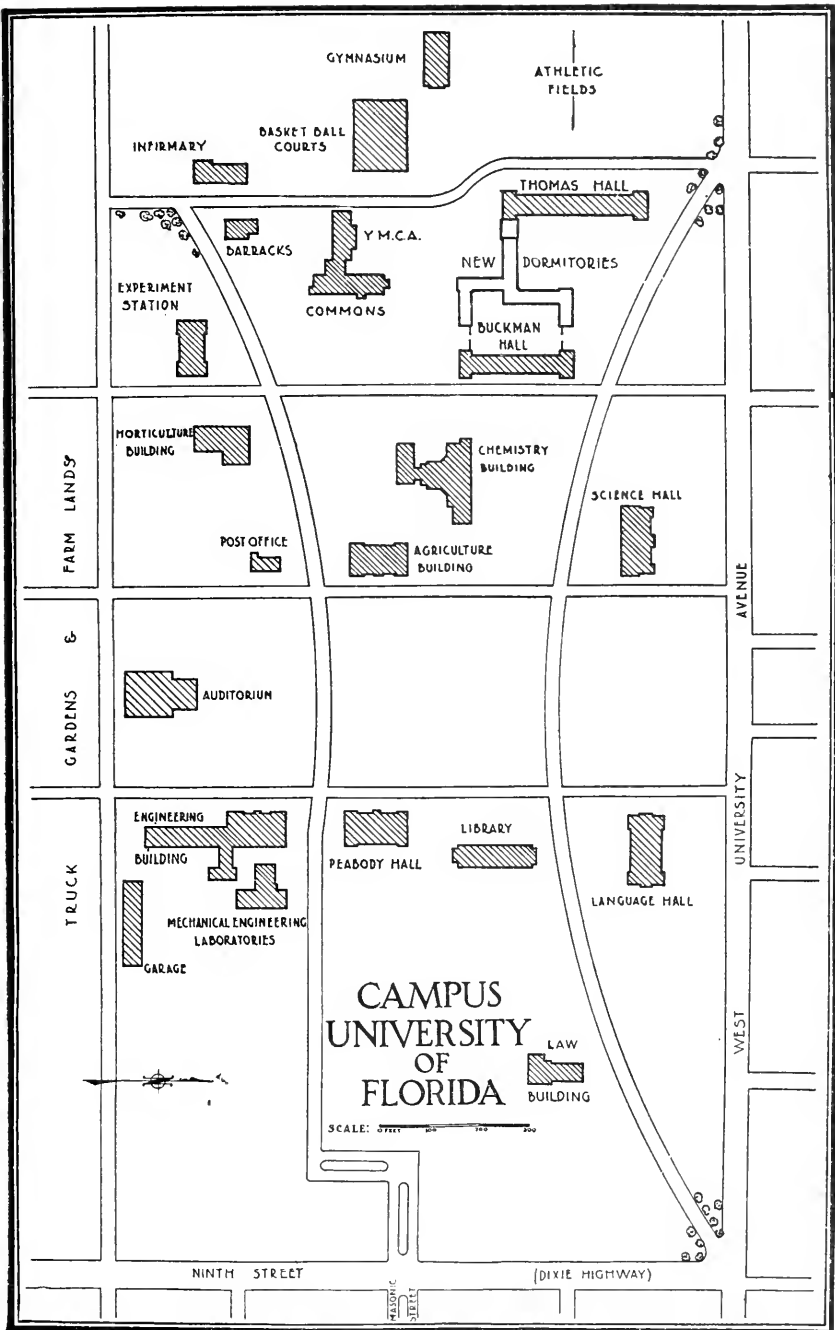
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The Committee on University Publications
University of Florida
Gainesville, Florida

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CAMPUS
UNIVERSITY
OF
FLORIDA

SCALE: 0 100 200 300

INFIRMARY

BASKET BALL
COURTS

GYMNASIUM

ATHLETIC
FIELDS

EXPERIMENT
STATION

BARRACKS

Y.M.C.A.

COMMONS

NEW
DORMITORIES

THOMAS MALL

BUCKMAN
HALL

HORTICULTURE
BUILDING

POST OFFICE

CHEMISTRY
BUILDING

AGRICULTURE
BUILDING

SCIENCE MALL

AUDITORIUM

ENGINEERING
BUILDING

MECHANICAL ENGINEERING
LABORATORIES

GARAGE

PEABODY MALL

LIBRARY

LANGUAGE HALL

LAW
BUILDING

NINTH STREET

(DIXIE HIGHWAY)

FARM LANDS

GARDENS &

TRUCK

AVENUE

UNIVERSITY

WEST

MEDICINE
BUILDING

INTRODUCTORY STATEMENT

PURPOSE*

The general information bulletin contains such material as will be helpful to the high school graduate or prospective student, and his parents. In it is found the necessary information about the entrance requirements, living conditions, fees, University organizations, etc.

It is sent out on request for such help as it may give young men who are thinking of coming to the University. It is not designed to urge a college education on any or all who may receive it. It will serve its purpose if it helps in the thoughtful consideration that should be given by parents and high school graduates when they choose a college education from among the many opportunities for further training. It presents a certain type of training which should be considered in relation to other opportunities such as vocational and trade schools of the better kind, normal schools and teachers colleges, junior and private colleges, and extension courses and correspondence schools. The controlling factor in any decision should be the best interests of the individual and his capacity to make successful use of the opportunities offered by the University or by any of the agencies suggested above. The choice is often not an easy one. Perhaps the following suggestions may be helpful.

As the boy approaches the period of responsible manhood the kind of training in final preparation for life may often be clearly indicated by the character of the individual's high school work.

The first choice which the student has to make is that between a long period of studies and some immediate employment such as a mechanical trade, buying and selling, clerical work, and many others, perhaps preceded by a shorter period of special study or training.

The wise student will make his decision after an inventory of his own real interests and abilities and will in any case avoid a choice that does not open up to him opportunities to use to the fullest his abilities as they are or as they develop.

Generally speaking, those who like their high school studies and are successful in them are more likely to succeed in college studies. Of those who stand in the lowest one fourth of their high school classes very few are successful in college work. Most of these would do well to consider other types of training for a vocation in which they may be successful. Of those who stand in the highest one fourth of their high school classes about 80 per cent make satisfactory records in college. It is very unfortunate for those young people who have shown their aptitude for studies to be drawn into employment immediately after high school when most of them are capable of preparing for and assuming positions of high responsibility and honor in industrial and social life of state and nation. Given good health and the power of application, those who like their high school studies and stand high in them ought to make every effort to secure college training.

College work is very different from high school work. It deals with a

*With appreciation to the University of Minnesota Bulletin of Information.

higher order of studies and demands constant advancement to more difficult studies which require intellectual growth and expansion. The college conducts its work with a view to developing initiative, independent judgment, and responsibility in its students for the two reasons that the studies require these qualities and that the students are just becoming men and must assume the duties and obligations of men.

FRESHMAN WEEK

The University recognizes the need of giving its newly entering students an introduction to their work and to university life, which is new and strange to many of them. For this purpose it is requiring freshmen to come to the University for the week before classes begin. The activities of Freshman Week are designed to help the freshman get a right start.

The period of September 15th to 19th, inclusive, will be used by the freshman for the following duties:

1. Making his living arrangements.
2. Registration and paying his fees.
3. Physical examinations.
4. Psychological tests.
5. Other tests or examinations which will enable the faculty to place him in the classes for which he is best fitted.
6. Hearing lectures on such subjects as:
 - A. The use of the library.
 - B. How to study.
7. Making visits to acquaint himself with the University Library, scientific laboratories, and other points of interest in connection with his choice of studies and future occupations.
8. Special exercises intended to acquaint him with the peculiar conditions or requirements of the college which he enters.
9. Musical and social entertainments in the evenings arranged with the cooperation of the Student Council and the various religious bodies.
10. Meeting with student government bodies in order to understand their activities.

During the process of registration, faculty advisers talk with all students, helping them to make the best selection of studies.

A committee on educational guidance maintains an office for conference with freshmen regarding their general vocational and educational problems.

Administrative officers, faculty, student government councils, upper class students, and organizations for religious work all cooperate to make Freshman Week a period during which the freshmen find themselves and learn how to go about their university work and how to profit by the opportunities for recreation and other activities in addition to their studies.

A detailed program of Freshman Week will be supplied each applicant for registration.

NOTICE THAT ATTENDANCE FROM SEPTEMBER 15TH TO 19TH, INCLUSIVE, IS A REQUIREMENT.

At strict attendance check will be kept on all Freshman Week conferences. Absences will be charged as class absences. The University reserves the right to refuse admission to any student who wilfully absents himself from any of these conferences.

NOTICE TO PROSPECTIVE STUDENTS

1. Credentials should be submitted as soon as possible after the close of the spring term, and in no case, later than September 1, 1930.

2. Students who do not observe this regulation must expect to undergo the inconvenience of delay in being notified of their status. This may lead to embarrassing results in the event the candidate in question is not qualified for admission, as the time for removing deficiencies is thereby curtailed.

3. Credits must be sent directly to the Registrar, University of Florida, by the proper official at the school last attended. Credits received otherwise will have to be returned for verification, thus causing delay and inconvenience to the candidate in question.

ORGANIZATION OF THE UNIVERSITY

The university is organized in schools, colleges, and divisions, as follows:

THE GRADUATE SCHOOL

THE COLLEGE OF ARTS AND SCIENCES

THE COLLEGE OF AGRICULTURE including

THE COLLEGE PROPER

THE AGRICULTURAL EXPERIMENT STATIONS including

THE STATE EXPERIMENT STATION, GAINESVILLE

THE CITRUS EXPERIMENT STATION, BELLE GLADE

THE TOBACCO EXPERIMENT STATION, QUINCY

THE SUB-TROPICAL EXPERIMENT STATION, HOMESTEAD

THE FIELD LABORATORIES FOR DISEASE INVESTIGATIONS including

THE IRISH POTATO DISEASE INVESTIGATIONS, HASTINGS

THE STRAWBERRY DISEASE INVESTIGATIONS, PLANT CITY

THE TOMATO DISEASE INVESTIGATIONS, BRADENTON

THE CITRUS DISEASE INVESTIGATIONS, COCOA

THE PECAN DISEASE INVESTIGATIONS AND INSECT PEST INVESTIGATIONS, MONTICELLO

THE WATERMELON DISEASE AND INSECT PEST INVESTIGATIONS, LEESBURG

THE INSECT PESTS OF FERNS AND ORNAMENTALS, PIERSON

THE AGRICULTURAL EXTENSION DIVISION

THE COLLEGE OF ENGINEERING including

THE ENGINEERING EXPERIMENT STATION

THE COLLEGE OF LAW

THE TEACHERS COLLEGE

THE COLLEGE OF PHARMACY including

THE MEDICINAL PLANT GARDEN

THE COLLEGE OF COMMERCE AND JOURNALISM

THE SCHOOL OF ARCHITECTURE AND ALLIED ARTS

THE GENERAL EXTENSION DIVISION

THE SUMMER SESSION

THE DIVISION OF ATHLETICS AND PHYSICAL EDUCATION

THE DIVISION OF MILITARY SCIENCE AND TACTICS

THE DIVISION OF MUSIC

THE FLORIDA STATE MUSEUM

THE STUDENT HEALTH SERVICE

THE UNIVERSITY LIBRARY

THE BROADCASTING STATION WRUF

BOARD OF CONTROL

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Albert H. Blanding.....	Bartow
W. B. Davis.....	Perry
Raymer F. Maguire.....	Orlando
Frank J. Wideman.....	West Palm Beach
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ADMINISTRATIVE OFFICERS

THE UNIVERSITY COUNCIL

John James Tigert, M.A. (Oxon.), Ed.D., D.C.L., LL.D.	—President of the University
Jas. M. Farr, Ph.D.	Vice-President of the University
Jas. N. Anderson, Ph.D.....	Dean of the Graduate School
William Harold Wilson, M.A., Ph.D.....	Acting Dean of the College of Arts and Sciences
Wilmon Newell, D.Sc.....	Dean of the College of Agriculture
Percy L. Reed, C.E., M.S.....	Acting-Dean of the College of Engineering
Harry R. Trusler, LL.B.....	Dean of the College of Law
Jas. W. Norman, Ph.D.....	Dean of the Teachers College
Townes R. Leigh, Ph.D.....	Dean of the College of Pharmacy
Walter J. Matherly, M.A.....	Dean of the College of Commerce and Journalism
Bert Clair Riley, B.A., B.S.A.....	Dean of the General Extension Division
Harley Willard Chandler, M.S.....	Secretary of the Council, Director of Admissions and Registrar
Benjamin Arthur Tolbert, B.A.E.....	Dean of Students

OTHER ADMINISTRATIVE OFFICERS

Wilbur Leonidas' Floyd, M.S.....	Assistant Dean of the College of Agriculture
Glenn Ballard Simmons, A.B.E.....	Assistant Dean of the Teachers College
Rollin S. Atwood, Ph.D.....	Assistant Dean College of Commerce and Journalism
Rudolph Weaver, B.S., A.I.A.....	Director of the School of Architecture and Allied Arts
Klein Harrison Graham.....	Business Manager
Cora Miltimore, B.S.....	Librarian
George C. Tillman, M.D.....	University Physician
Thomas Van Hying.....	Director of Florida State Museum

THE UNIVERSITY CALENDAR

1930-31

The Summer Session

1930

June 16, Monday.....	Summer Session begins.
June 28, Saturday.....	Last day for filing application for degree at the end of the summer session.
July 4, Friday.....	Independence Day, a holiday.
July 14, Monday.....	Last day to make graduate applications.
July 23, Wednesday.....	Last day for submitting theses to the Graduate Committee.
August 6, Wednesday 8:00 p.m.....	Summer Session Commencement Convocation.
August 8, Friday 5:00 p.m.....	Summer Session ends.
August 18, Monday.....	Farmers' Week begins.
August 31, Saturday.....	Last day for filing applications for fall re-examinations.

First Semester

September 11-13, Thursday to Saturday.....	Entrance examinations.
September 15, 16, 17, Monday thru Wednesday.....	Re-examinations.
September 15-19, Monday thru Friday.....	Freshman registration and orientation, including Engineering Qualifying Examination and other tests. (A special program of the routine of this week will be available by June 1, 1930.) All freshmen must be present at the University Auditorium at 11:00 o'clock a.m. Monday, September 15, or they will not be registered during that week and will be required to pay the fees for late registration.
September 18-19, Thursday and Friday.....	Registration for upperclassmen.
September 22, Monday 8:00 a.m.....	Classes meet for the first time.
September 29, Monday 8:00 a.m.....	Changes in courses—fee \$2.00.
October 6, Monday 7:00 p.m.....	Meeting of the General Faculty.
October 11, Saturday 12:00 noon.....	Registration for classes in the first semester closes. Last day for making applications for degrees at the end of the first semester.
October 17, Friday, 5:00 p.m.....	All freshmen grades due in the office of the Registrar.
October 18, Saturday 12:00 noon.....	Last day for dropping courses without grade. Annual Dad's Day and Homecoming.

- October 31, Friday 5:00 p.m.....Last day for graduate applications.
 November 8, 3:00 p.m.....Dedication for new stadium.
 November 11, Tuesday.....Armistice Day, a holiday.
 November 21, Friday 5:00 p.m.....Mid-semester grades are due in the
 office of the Registrar.
 November 27, ThursdayThanksgiving Day, a holiday.
 December 19, Friday 5:00 p.m.....Christmas Recess begins.

1931

- January 5, Monday 8:00 a.m.....Christmas Recess ends.
 January 17, Saturday 12:00 noon.....Last date for submitting theses to
 Graduate Committee.
 January 22, Thursday 8:00 a.m.....Final examinations for the first se-
 mester begin.
 January 30, Friday 5:00 p.m.....First semester ends.
 January 31, Saturday 12 noon.....All semester grades are due in the of-
 fice of the Registrar.
 Saturday 8:00 p.m.....Commencement Convocation.

Second Semester

- February 2 and 3, Monday and Tues-
 daySecond semester begins. Registration
 for second semester.
 February 4, Wednesday 8:00 a.m.....Second semester classes begin. Change
 in courses—fee \$2.00. Late registration
 fee \$5.00.
 February 7, Saturday 12:00 noon.....Registration for second semester closes.
 February 14, Saturday 2:00 p.m.....Meeting of the General Faculty.
 February 21, Saturday 12:00 noon.....Last date for filing applications for re-
 examinations.
 February 28, and March 7, 2-5 p.m.....Re-examinations.
 February 28, Saturday 12:00 noon.....Last date for application for degrees
 at the end of the second semester.
 Last date for filing graduate applica-
 tions for those entering the second se-
 mester.
 March 7, Saturday 12:00 noon.....Last day for dropping a course with-
 out grade.
 April 3, Friday 5:00 p.m.....Mid-semester grades are due in the of-
 fice of the Registrar.
 April 8, Wednesday 5:00 p.m.....Spring holiday begins.
 April 13, Monday 8:00 a.m.....Classes resumed.
 May 11, Tuesday 5:00 p.m.....Last day for submitting theses to
 Graduate Committee.
 May 23, Thursday 8:00 a.m.....Final examinations begin.
 May 30, Saturday 2:00 p.m.....Meeting of the General Faculty.

May 30-June 1, Saturday to Monday.....	Commencement Exercises.
May 30, Saturday	Class Day Exercises and oratorical contests.
May 31, Sunday 11:00 a.m.....	Baccalaureate Sermon.
June 1, Monday 10:00 a.m.....	Commencement Convocation.
June 1, Monday 1:00 p.m.	Annual Alumni Luncheon and Meeting.
June 1, Monday	Boys' Club Week begins.
June 15, Monday	Summer Sessions begins.
August 7, Friday	Summer Session ends.
September 21, Monday	Registration for 1931-32 session.

Entrance Examinations

Entrance examinations for admission to the various colleges of the University will be conducted for students whose credits do not meet the requirements.

Candidates wishing to take any of these examinations should notify the Registrar in writing, not later than September 1, January 15, June 1, or June 20.

For further information concerning these examinations see under "Admission by Examination"—page 26.

COURSES AND DEGREES

Brief summarized statements of the courses of study offered by the University of Florida, together with the degree to which each leads, are listed below.

The University does not issue a complete catalog of courses in one volume, but a full outline of each of these courses of study, together with descriptions of the subject matter courses which they include, will be found in the announcement of the college or school in which the course of study is offered.

These announcements may be obtained by addressing the Registrar, University of Florida, Gainesville, Florida.

THE COLLEGE OF ARTS AND SCIENCES

The course of study leading to the Bachelor of Arts Degree (commonly referred to as the A.B. degree).—This is a four-year course in which the humanities and social sciences are emphasized. The study of foreign language is given some prominence, both ancient and modern languages being offered. College English, foreign language, history, and mathematics are required of every student electing this course, and to insure some understanding of scientific fact and method, every student is required to study a basic year course in one of the natural sciences in addition to which he may elect a limited amount of additional work in natural science if he so desires.

The course of study leading to the Bachelor of Science Degree (commonly called the B.S. degree).—Students who are interested primarily in the sciences may hope to gain a thorough introduction to the natural sciences and a working grasp of scientific method by pursuing this four-year curriculum. Each student must select one science, in which he is expected to gain a mastery. A limited amount of foreign-language study is required in order that the student may have a reading knowledge of scientific writings from other countries. The candidate for the B.S. degree is also expected to acquire breadth of viewpoint and training by devoting some time to the study of mathematics, English, and kindred subjects.

The combined Academic and Law Course.—Many students intending to study law desire the thorough training offered by one of the foregoing courses. This has been made possible by granting the substitution of a fixed amount of law credit for free electives in either the A.B. course or the B.S. course. Under this arrangement the student may earn one of the above degrees, together with a degree in law, by three years of intensive study in the College of Arts and Sciences, followed by three years of study in the College of Law. The bachelor's degree in Arts or Sciences will be conferred only after the candidate has satisfactorily completed the second year of law. Attention should be called to the fact that one of the requirements for the degree Juris Doctor is that the candidate possess the A.B. degree or its equivalent.

The Pre-Law Course.—Two years of college work are required as a prerequisite to the study of law and in order to provide the most suitable two-year course with which to fulfill this requirement the faculty of the College

of Arts and Sciences adopted the pre-law curriculum. This curriculum was accepted, however, only after careful study of the entrance requirements and recommendations of the law schools of the United States, the committee making the study having the Dean of the College of Law of the University of Florida as its chairman. The prescribed courses have been reduced to a minimum consistent with a good foundation for the study of law, thus insuring the student a wide range of electives from which he may select courses that will meet his own interests and needs.

The Pre-Medical Course.—A two-year pre-medical course is offered to meet the requirements of some medical schools. Students wishing to attend medical schools requiring more than two years of pre-medical training can meet the requirement by taking the two-year pre-medical course here described, following which they can be registered as B.S. students. Emphasis is placed on a good foundation in biology and physics, while special emphasis is given to the study of chemistry.

Pre-Dental Course.—For most students this course is identical with the first year of the pre-medical course. The student should correspond with the dean of the dental college which he wishes to enter, however, in order that he may know the exact requirements for entrance to that college. Every legitimate effort will be made to meet these requirements within one academic year, unless the dental college specifies a longer period of pre-dental training.

COLLEGE OF AGRICULTURE

The course leading to the degree of Bachelor of Science in Agriculture.—A student may major in any department of the College, or in Agricultural Education. He must, by the beginning of his junior year select his major, in which he will be required to take not less than 15 nor more than 30 hours. The head of the department in which he majors becomes his adviser, and his subjects are to be selected with his advice and consent. The departments in which majors may be chosen are Agricultural Economics, Agricultural Engineering, Agronomy, Animal Husbandry and Dairying, Agricultural Chemistry, Entomology and Plant Pathology, Horticulture, and Landscape Design.

The Short Courses.—Students 18 years old or over, who desire more knowledge in agriculture either along general lines or in some special field such as dairying, poultry husbandry, fruit growing, etc., may enter at the beginning of either the first or second semester, and select from a list of subjects such as they think will be of greatest value to them. They are expected to take not less than 18 nor more than 21 hours per week.

Those having only a knowledge of common school branches should select first the subjects numbered below 100. Those with high school or college training may at once select those marked above 100.

Each semester is, as nearly as possible, complete in itself; a student may, therefore, attend but one semester a year and continue doing so till four semesters have been completed.

Certificates will be granted on completion of courses undertaken.

The Agricultural Experiment Station.—The Agricultural Experiment Station, including its branch stations and field laboratories, constitutes the re-

search division of the College of Agriculture. A Congressional act, known as the Hatch Act of 1882, provided for the establishment of agricultural experiment stations at each land-grant college and the Florida Station was established in 1887. Its purpose is to acquire and diffuse agricultural knowledge.

The Station is supported by both Federal and State appropriations. Such appropriations must be used for acquiring new and important knowledge in regard to crops, soils and livestock and for research in agriculture and home economics. No funds can be expended for teaching purposes or for extension work and only a very small part of the Federal funds may be used for buildings or repairs.

The Dean of the College of Agriculture is also Director of the Experiment Station. The organization of the Station's work, in so far as Federal funds are concerned, must comply with Federal law and is under the immediate supervision of the Office of Experiment Stations of the United States Department of Agriculture, Washington, D. C.

Information acquired by the Station is immediately available to the Teaching and Extension Divisions of the College and is also published in bulletin form for free distribution.

Agricultural Extension Work.—The cooperative Agricultural Extension Division provides for instruction and practical demonstrations in agriculture and home economics to persons not attending or resident in the college.

Agricultural extension work is conducted in accordance with the terms of the Smith-Lever, Capper Ketcham, and supplementary acts of Congress. These acts provide that agricultural extension work in each state shall be conducted in such a manner as shall be mutually agreed upon by the Secretary of Agriculture, United States Department of Agriculture, and the state colleges of the respective states.

The acts provide for annual Congressional appropriations, and require that each state provide additional funds as offset.

Extension agents conduct demonstration work in agriculture and home economics in counties under a cooperative agreement with the county board whereby in each county where extension agents are employed, the county pays a pro rata part of the agents' salary and expenses.

The program for extension work provides for ten active projects as follows: administrative, publications, county agents, boys' club work, home demonstration work, dairy husbandry, poultry husbandry, extension schools, citrus culture, farm and home makers' clubs for Negroes.

The supervisory agents for home demonstration work are located at the Florida State College for Women, and for Negro extension at the Florida A. & M. College for Negroes, Tallahassee, Florida.

The state is divided into three districts. Each district has a district supervisor for men and boys' work, and a district supervisor for women and girls' work. For the direction of Negro work there is one district supervisor for men's work, and one district supervisor for women's work.

Seven specialists are employed to assist the State extension programs.

The Florida National Egg Laying Contest is located at Chipley, Florida. It is maintained by a State appropriation and under the direction of the Agri-

cultural Extension Division. The contest has a housing capacity of 100 pens of ten birds each.

Special events.—

- 4-H Club Boys' Annual Meeting, University of Florida
- 4-H Club Girls' Annual Meeting, State College for Women
- Extension Agents' Annual Meeting, University of Florida
- Farmers' and Fruit Growers' Week, University of Florida

THE COLLEGE OF ENGINEERING

The College of Engineering offers professional four-year courses of study in the four fields described below. The work of the freshman year is the same for all engineering students, so that each student has the chance to choose the branch of engineering he wishes to follow before the beginning of his sophomore year.

The course leading to the degree Bachelor of Science in Chemical Engineering.—The courses in chemical engineering are designed to familiarize the student with the efficient construction and economic operation of chemical plants. The problems involved in the commercial manufacture of organic and inorganic chemicals, and the methods employed to solve these problems, are considered in detail.

The course leading to the degree Bachelor of Science in Civil Engineering.—In this department the courses are designed to give the student a comprehensive grasp of the principles underlying the practice of civil engineering so that upon graduation he will be prepared to fill such positions as are usually allotted to young engineers in general engineering, or in the special branches such as highway, railroad, hydraulic, sanitary, structural, and topographical engineering.

The course leading to the degree Bachelor of Science in Electrical Engineering.—The department of electrical engineering endeavors to give the student thorough instruction in the principles of electrical design, installation, and operation. Considerable time is given to problems pertaining to the generation, transmission, distribution, and utilization of electrical energy. During the coming year additional emphasis will be given to the field of communication.

The course leading to the degree Bachelor of Science in Mechanical Engineering.—Mechanical Engineering is a basic engineering course. Instruction in this department is given in both theory and practice. Accuracy, neatness, and systematic presentation is required in all class and home-study drawings and problems. It is the aim of the course to produce engineers of independent thought and original power. The graduate is well qualified to readily adjust himself and give efficient service in the industries and public utility companies.

Engineering Experiment Station.—The Engineering Experiment Station is an organization in the College of Engineering for the purpose of investigating problems of importance to professional engineers and to the industries of manufacturing, transportation, and public utilities.

Engineering Pre-Business Course.—This course requires much of the first two years of the work in the College of Engineering, and of the last two years

in the College of Commerce and Journalism, and upon the completion of the course the degree Bachelor of Science in Business Administration is conferred. The student registers in the College of Commerce and Journalism for the entire course.

COLLEGE OF LAW

A three-year course of study is offered, eighty-five semester hours being required for the degrees of Bachelor of Laws (LL.B.) or Juris Doctor (J.D.). Students with the degree of A.B., or an equivalent degree, from an approved college or university and who maintain an average standing of B in their law studies will be awarded the degree of Juris Doctor (J. D.).

THE TEACHERS COLLEGE

The course leading to the Normal Diploma.—A two-year course which leads to what is sometimes called the L.I. degree. This diploma is issued upon the completion of a prescribed two-year course, and entitles the holder to a Graduate State Certificate, valid for five years, and permits the holder to teach thru the tenth grade, those subjects in which he has specialized.

The course leading to the degree of Bachelor of Arts in Education.—A four-year course which entitles the holder to receive a Graduate State Certificate, valid for five years, and renewable for life, upon the successful completion of twenty-four months' teaching in Florida.

The course leading to the degree of Bachelor of Science in Education.—A four-year course which differs from that of the Bachelor of Arts in Education in that the natural science group must be completed. This degree entitles the holder to receive the Graduate State Certificate upon the same conditions as those stated under the Bachelor of Arts degree.

The course leading to the degree of Bachelor of Science in Physical Education.—A four-year course for those students majoring in Physical Education and Coaching. In order to receive the degree, it is necessary to complete the course as outlined in the Bulletin. This degree also entitles the holder to receive a Graduate State Certificate on the conditions as stated for the Bachelor of Arts degree.

The course leading to the degree of Bachelor of Science in Agricultural Education.—A four-year course offered for those students who expect to become agriculture teachers in the high schools of Florida and the southern states. This degree also entitles the holder to receive a Graduate State Certificate on the conditions as stated for the Bachelor of Arts degree.

The Employment Bureau.—In order to help our graduates and to be of service to the State as a whole, a Teachers' Employment Bureau has been established in this College at the University of Florida. This Bureau is open throughout the year and the Director will be glad to furnish service to anyone so desiring, free of charge.

THE COLLEGE OF PHARMACY

Three-Year Course in Pharmacy.—This course leads to the certificate of Graduate in Pharmacy, and requires 102 semester hours.

Four-Year Course in Pharmacy.—The first three years of the four-year curriculum are identical with the three-year curriculum. In the work of the fourth year, opportunity is given for specialization in commercial pharmacy, pharmaceutical chemistry, pharmacognosy, or pharmacology.

Courses are offered leading to the Degree of Master of Science in Pharmacy under the direction of the Graduate School.

Medicinal Plant Garden.—The Department of Pharmacognosy and Pharmacology maintains a drug garden which serves for three purposes: (1) as a teaching adjunct offering the students an opportunity to study the methods of propagation, cultivation, curing, and preparation of drug plants for market; (2) as a source of supply of fresh plant material for classroom and laboratory, and also for investigation; (3) to carry on cultural experiments in the growing of various medicinal plants.

THE COLLEGE OF COMMERCE AND JOURNALISM

The College of Commerce and Journalism offers two degrees: Bachelor of Science in Business Administration, and Bachelor of Science in Journalism. These degrees are granted on completion of four types of curricula; the curriculum leading to the Bachelor of Science in Business Administration, the curriculum leading to the Bachelor of Science in Business Administration in combination with Law, the curriculum leading to the Bachelor of Science in Journalism, and the curriculum leading to the Bachelor of Science degree in Business Administration in combination with Engineering.

The Curriculum in Business Administration.—This course extends over a period of four years. It contains both general and professional courses. The first two years are devoted wholly to required subjects largely cultural in nature and are intended to provide the student with a broad intellectual foundation. The last two years provide an opportunity for professional specialization in eight different fields of business. When the student has completed his freshman and sophomore years, he is required to elect one of the eight groups, and adhere strictly to that group throughout his junior and senior years. These eight groups are arranged in such a way as to represent the principal fields of business and to provide the student with an arrangement of courses leading to professional specialization in the field that best fits his needs and interests.

The Curriculum in Business Administration in Combination with Law.—The College of Commerce and Journalism combines with the College of Law in offering a six-year program of study for students in business administration who desire ultimately to enter the College of Law. The first three years are spent directly in the College of Commerce and Journalism; the last three years are devoted to the regular course in the College of Law. When the student has satisfactorily completed the first two years of the course in the College of Law, he may offer these two years of law as a substitute for the fourth year in the College of Commerce and Journalism, and receive the degree of Bachelor of Science in Business Administration.

The Curriculum in Journalism.—This course extends over a period of four years. The technical training, embracing thirty-nine semester hours in

journalism, is supplanted by a broad range of training in English, history, economics, sociology, psychology, government, and business management, in order to provide the proper background for such dealing with the problems of complex, modern civilization as is required of newspaper men.

Curriculum in Combination with Engineering.—The College of Commerce and Journalism offers a four-year course leading to the degree of Bachelor of Science in Business Administration in combination with Engineering. This curriculum has been arranged for students who wish to prepare for executive and selling positions in the field of manufacturing, railway and public utility operation. The student registers in the College of Commerce and Journalism, but takes his first two years largely in fundamental engineering subjects in the College of Engineering.

Bureau of Appointments.—The College of Commerce and Journalism maintains a Bureau of Appointments, with Assistant Professor James E. Chace, Jr., as Director. This Bureau exists for the purpose of assisting graduates in securing positions. While appointments are not guaranteed, every effort will be made to place those who make worthy records.

SCHOOL OF ARCHITECTURE AND ALLIED ARTS

The four-year course leading to the degree Bachelor of Science in Architecture.—This course is for those who desire to become architects, designers, draftsmen, building inspectors, etc. A special course may be arranged for mature students for which a certificate is given.

The four-year course leading to the degree Bachelor of Fine Arts.—This course prepares a student, in progressive stages, for the fields of advertising, design, illustration, and mural painting, and on the completion of the four-year curriculum, a Bachelor's Degree in Fine Arts is granted.

THE GRADUATE SCHOOL

Organization.—The Graduate School is administered by the Dean, and the Graduate Council appointed annually by the President of the University. The Dean is Ex-Officio Chairman of this Council.

Prerequisite Degrees.—Graduates of the University of Florida or of other institutions of like rank who have a satisfactory record, including the required foundation-courses, are eligible for admittance to the Graduate School.

Degrees Offered.—The following degrees are offered in this school: Master of Arts, Master of Arts in Architecture, Master of Arts in Education, Master of Science, Master of Science in Agriculture, Master of Science in Business Administration, Master of Science in Engineering, Master of Science in Pharmacy.

In a very few departments, the University is prepared to offer the degree of Doctor of Philosophy.

SUMMER SESSION

The University Summer Session is an integral part of the University. Five of the seven colleges, and the Graduate School, are kept open during the summer. These are, the Teachers College, the College of Arts and Sciences, the College of Law, the College of Commerce and Journalism, and the Col-

lege of Agriculture. Emphasis is placed upon college and graduate work, no work of high school rank being offered.

Since women are admitted to the Summer Session, many professional courses for primary and elementary school teachers are offered in addition to those usually given in the winter session.

GENERAL EXTENSION DIVISION

The University of Florida, through the General Extension Division, serves the people of the state by offering educational opportunities to those who are removed from the campus and through numerous service functions assists in promoting the general advancement of the people.

The Division represents the Colleges of Arts and Sciences, Education, Engineering, Law, Pharmacy, Commerce and Journalism of the University, and the Colleges of Arts and Sciences and the Schools of Education and Music of the State College for Women.

The work is carried on through departments. The Extension Teaching Department offers courses by correspondence-study and in extension classes; and short courses, community institutes and conferences are held to give opportunity for discussion on problems confronting groups or communities. The Department of Auditory Instruction offers cultural programs, instruction, information and entertainment by lectures and discussion for the benefit of special groups, schools and individuals, by radio, or directly.

Training for naturalization, citizenship schools, and cooperation with the War Department in enrolling young men for the Citizens' Military Training Camps because of their educational value, are some phases of the work of the Department of Citizenship Training.

Through the Departments of Visual Instruction and General Information and Service, the outside world of letters and arts and music is carried to thousands in the back country through the traveling libraries and art exhibits which are sent out. A picture of the world and its work is circulated in the slides and films furnished for instruction and entertainment. The best in music is heard in the records provided for work in music appreciation and for culture.

These and the various service functions of the Division establish contacts which enable the University to aid individuals, organizations and communities and contribute much to adult education.

THE DIVISION OF MUSIC

The Division of Music offers opportunity for membership in four musical organizations: The Military Band, the Orchestra, the Glee Club, and the Convocation Choir.

The *Band* is made up in part of students in the freshman and sophomore years who take military training. The Band frequently plays at athletic contests and takes several trips a year.

The *Orchestra* plays at the regular Thursday morning Convocation, and broadcasts from the University radio station once a week.

The *Glee Club* makes several trips a year throughout the state, and is under the direction of the Instructor in Voice.

The *Convocation Choir* attends Thursday morning Convocation and assists in the singing.

Opportunities are afforded qualified students to broadcast as soloists, instrumentally or vocally, over the radio station WRUF.

Private lessons in violin, orchestra instruments, band instruments, voice, organ, and piano may be arranged for. A tuition will be required of all students taking private lessons.

DIVISION OF MILITARY SCIENCE AND TACTICS RESERVE OFFICERS' TRAINING CORPS

Senior Infantry and Field Artillery Units.—Students who register as freshmen or sophomores in the Colleges of Agriculture, Engineering, Pharmacy, Teachers, and the course leading to the degree of Bachelor of Arts in the College of Arts and Sciences, are assigned to the Field Artillery unit; all others are assigned to the Infantry unit.

The course in Military Science is compulsory for freshmen and sophomores except for students in the College of Law, and for adult special students.

Students who complete the basic course and are selected by the Professor of Military Science and Tactics and the President of the University, may elect the advanced courses. Students electing these courses must carry them to completion as a pre-requisite to graduation. Upon their completion, those students recommended by the Professor of Military Science and Tactics and the President of the University will, upon their own application, be offered a commission in the Officers Reserve Corps, United States Army. An advanced course in summer-camp is compulsory, usually between the junior and senior years. The War Department pays all expenses, including mileage, rations, medical attendance, clothing, and laundry service, and in addition the pay of the seventh grade, United States Army.

THE STUDENTS' HEALTH SERVICE

Through the Students' Health Service the University makes available to any student physical examinations, health consultations, and medical attention. General service is provided free of charge, but for services which are specialized and individual in character, such as dentistry, X-rays, board and laundry in the student hospital, major surgery, special nurses, etc., special fees are charged. No student, however, will be denied service because of inability to pay these fees.

The offices of the Health Service and the Students' Hospital and Dispensary are located on the campus. The services of the Hospital and Dispensary are available at all hours of the day and night. Physicians of the Service are in attendance daily. The telephone call for the Hospital and Dispensary is 1020 during the day, and 541 during the night.

The facilities of the Dispensary are such that any number of students can be given attention in a day. The normal capacity of the Hospital is 45 beds. In emergencies, this capacity can be increased. Ample provisions are made for the isolation of communicable diseases.

The Health Service has been established for the purpose of safeguarding the health of students. Its aims are (1) to help each student entering the University of Florida to possess a healthy, vigorous, active and harmoniously developed body, thereby contributing much to his success while in college and in later life; (2) to reduce to the very minimum the prodigious academic and economic loss due to indisposition and illness of students. Positive health is its goal.

There are three main lines to the activities of the University Health Service: (1) personal attention, (2) sanitation, and (3) education.

1. Personal division.—This division is concerned with the physical examination of students. A complete record of the physical condition of each student is made and filed on admission. From this record can be determined, in a large measure, what procedure is essential to keep the student in the best physical condition during his academic life. The following are some of the phases of the work in the personal division:

a. Provisions for maintaining the health of normal, physically sound students; co-operation with the Department of Physical Education regarding physical exercise; education along lines of right living; safeguarding of environment.

b. Protection of the physically sound students from communicable diseases that are continually creeping into the University; early detection and isolation of all cases of communicable diseases—tuberculosis, diphtheria, scarlet fever, measles, typhoid fever, smallpox, mumps, etc.

c. Provision for the care and treatment of such cases of communicable diseases; isolation hospital.

d. Treatment and professional care of all students who are ill or in need of medical advice or treatment. For extended care by the Health Service it is necessary that the student enter the Students' Hospital. To this Hospital any student may be admitted upon the recommendation of the University Physician. To all patients in the Hospital the staff will furnish medical and nursing services.

e. Reconstruction and reclamation: corrections of defects, advice, and treatment of all subnormals.

2. Division of sanitation.—The student's environment should be made as hygienic as possible. Hence, this division concerns itself with the sanitary conditions both on and off the campus.

3. Education.—Every student in the University is made familiar with the fundamentals of both personal and public hygiene. Through personal conferences on this subject, education in hygiene and right living is conducted.

UNIVERSITY OF FLORIDA LIBRARY

The University Library is now situated in the first unit of the Library Building. The main reading room is on the second floor where are shelved the books, the Reserve Books, the Reference Collection, books on literature and art. The main stacks are on the lower floor with tables, accommodating about sixty (60) students. A small periodical room has been opened up on this floor bringing together in one room current periodicals and newspapers.

The Library subscribes to about four hundred fifty (450) magazines of a general and scientific nature and several newspapers, some from the larger cities of the country, and the majority from cities of Florida. A great many of these are gifts. The files are added to each year, by gift and by purchase as funds will permit, with the aim of building up a large research collection.

The number of bound volumes in the General Library amounts to 52,948. The number of bound volumes in each of the other Libraries on the campus is as follows:

Extension Library	5,428
Law Library	9,824
Florida State Museum	2,321
Experiment Station	6,475

Being a government depository, the Library receives each year a large number of bound and unbound government documents.

The library strives to be of assistance to the students, encouraging them in their reading and assisting them in obtaining the material they desire. Bibliographies are prepared, references are found, help is given in the use of the catalog and indexes. For debate work, special shelves are set aside and material assembled. An instructive lecture on the use of the Library is given to the freshmen in the fall.

The stacks, open to all, present an unusual opportunity for encouragement of wider reading. Book displays of various kinds call particular attention to titles sometimes overlooked.

The Library is open from 7:45 A.M. to 10:00 P.M. every week day except Saturdays. Saturdays it closes at 5:00 P.M. On Sundays it is open from 2:00 to 4:00 for recreational reading.

DEGREES

The Board of Control will confer the degree appropriate to the course pursued under the following conditions:

1. *Curriculum requirements.*—Certification by the registrar of the completion of all requirements of the course of study as outlined in the college announcement, or its equivalent as determined by the faculty of the college offering the course.

2. *Recommendation of the faculty.*

3. *Residence requirements.*—Advanced standing will be allowed on certification from other recognized institutions and may be obtained also by examination held before a committee of the faculty appointed for that purpose provided that the following minimum requirement for residence at the University of Florida has been met.

The student must earn at least one year's credit in residence in this University. If the term of residence is only one year, that year must be the senior year. In addition, special residence requirements must be met in several of the schools and colleges. See individual announcements.

4. *Attendance at commencement.*—All candidates for degrees are required to be present at commencement exercises. A student who fails to attend shall not receive his diploma until he complies with this requirement.

ADMISSION

GENERAL STATEMENT

Prospective students are advised to be vaccinated against small-pox, and to be inoculated against typhoid fever. Unless a certificate is presented showing successful vaccination within five years, students will be vaccinated after registration.

NOTICE TO NON-RESIDENT STUDENTS

The University of Florida, through its Committee on Admissions, reserves the right to deny admission to students who are not residents of the State of Florida.

GENERAL REQUIREMENTS

Admission to the schools and colleges of the University which accept students directly from the high school is either by certificate, or examination, or both. The methods are described below.

ADMISSION BY CERTIFICATE

The candidate must present a certificate of graduation from an accredited preparatory school. Certificates representing examinations given by the College Entrance Board or the New York Regents are likewise accepted. Applicants are admitted on these certificates provided they offer nine required units: 3 in English, 1 in algebra, 1 in plane geometry, 1 in history, 1 in science, 2 as specified by the individual colleges; and offer at least 15 acceptable units.

Candidates offering only 15 units will be conditioned 1 unit in entrance requirements, and must take six semester hours in addition to the work required for any degree, *unless* this condition is removed within one year.

No condition will be permitted in any of the nine required units.

ADMISSION BY EXAMINATION

Non graduates of accredited or non-accredited high schools, presenting at least 15 acceptable units, including the nine required units as listed above, are admitted provided they successfully pass the entrance examinations in the subjects presented for admission.

Graduates of non-accredited high schools presenting the specified units are admitted provided they successfully pass entrance examinations in the following subjects:

English—Rhetoric and composition; American and English literature

Mathematics—First year algebra, plane geometry

History—one unit

Science—one unit

Entrance examinations will be given on the dates published in the University Calendar. Students failing to take the examinations on these dates will be required to pay the special examination fee of five dollars (\$5.00).

REGISTRATION

All Florida high schools are furnished with preparatory record blanks. Students who are not residents of the State of Florida should write to the Registrar requesting a Preparatory Record Blank. This will be sent promptly, and should be presented to the principal of the high school last attended, with instructions that it be mailed directly to

The Registrar
University of Florida
Gainesville, Florida.

Upon receipt of the credentials at the University, the candidate will be sent an application blank. When this is returned, the applicant will be sent an admission certificate containing directions for registration.

A preparatory record will not be accepted unless it comes directly from the principal to the Registrar.

A student will not be allowed to register until his credits have been received and accepted.

LIST OF ENTRANCE SUBJECTS

Below is shown the minimum and maximum number of units in any one subject that will be accepted by the various colleges of the University. The term "unit" means not less than five recitations of forty minutes each week for a school year of thirty-six weeks. In manual subjects and kindred courses it means the equivalent of ten recitation periods a week for thirty-six weeks.

English:

Composition and rhetoric, two units

American and English literature, two units

Foreign language (see Note 1 below):

French, two, three, or four units

German, two, three, or four units

Greek, two, three, or four units

Latin, two, three, or four units

Spanish, two, three, or four units

History and social sciences (see Note 2 below):

Ancient history, one unit

English history, one unit

Medieval and modern history, one unit

American history, one half, or one unit

Civics, one half, or one unit

Sociology, one half unit

Economics, one half unit

Mathematics (see Note 2 below):

Elementary algebra, one unit

Plane geometry, one unit

Advanced algebra, one half, or one unit

Solid geometry, one half unit

Trigonometry, one half unit

Natural science (see Note 2 below):

- Biology, one unit
- Botany, one half unit
- Chemistry, one unit
- General science, one unit
- Physical geography, one unit
- Physics, one unit
- Physiology, one half, or one unit
- Zoology, one half unit

Commercial subjects (see Note 2 below):

- Business English, one unit (see Note 2a below)
- Bookkeeping, one half, or one unit
- Commercial Arithmetic, one half, or one unit (see Note 2c below)
- Commercial Law, one half unit
- Commercial Geography, one half unit
- Shorthand, one half, or one unit
- Typewriting, one half unit
- Journalism, one half, or one unit

Vocational subjects (see Note 2 below):

- Manual Training, one half, or one unit
- Drawing, one half, or one unit
- Others, one, or two units

Miscellaneous subjects

- Bible, one half, or one unit
- Theory or history of music, one half, or one unit
- Agriculture, one unit (but applicants for a degree in agriculture may present as many as three units)

Note 1. One unit in a foreign language is never accepted to fulfill entrance requirements.

Note 2. Not over four units will be accepted to fulfill entrance requirements in:

- a. English
- b. History and social science
- c. Mathematics
- d. Natural science
- e. Commercial and vocational subjects.

Moreover, only one unit will be accepted in biology, zoology and botany combined.

REQUIREMENTS OF INDIVIDUAL COLLEGES

COLLEGE OF ARTS AND SCIENCES

In addition to the seven units required of all candidates for admission (three in English, one in algebra, one in plane geometry, one in history, and one in science) two additional units are required.

The course leading to the degree Bachelor of Arts, or for the Pre-Law Course.—For these courses two units of Latin are required. However, if a

candidate presents two units in some other foreign language he may be admitted to these courses. He may then fulfill the Latin requirement by obtaining twelve credits of Latin in the University. These credits will apply toward his degree.

The course leading to the degree Bachelor of Science, or for the Pre-Medical Course, or for the Pre-Dental Course.—For this course two units of a foreign language are required. However, candidates presenting two units in history and two units in science, or three units in history or three units in science, need not present any foreign language for admission.

Recommendation.—All candidates are advised to present one half unit in trigonometry. Candidates for the pre-dental and pre-medical courses are advised to present one unit in physics.

THE COLLEGE OF AGRICULTURE

In addition to the seven units required of all candidates for admission (three in English, one in algebra, one in plane geometry, one in history, and one in science) two additional units are required.

The course leading to the degree Bachelor of Science in Agriculture, including the course in Landscape Design.—For these courses two units of a foreign language are required. However, candidates presenting two units in history and two units in science, or three units in history or three units in science, need not present any foreign language for admission.

Short courses in agriculture.—For this course either the four-month course or the one-year course, may be entered without the required high school entrance-units.

THE COLLEGE OF ENGINEERING

In addition to the seven units required of all candidates for admission (three in English, one in algebra, one in plane geometry, one in history, and one in science) two additional units are required, and the science unit is specified.

The courses in civil engineering, chemical engineering, electrical engineering, or mechanical engineering.—For these courses one unit in advanced algebra, one half unit in solid geometry, and one half unit in trigonometry are required. It is also required that the science unit be physics.

Qualifying examinations.—Qualifying examinations are given all candidates for admission to freshman engineering classes. These are in the nature of intelligence tests. Pending the provision of enlarged facilities for instruction, the right is reserved to limit the number of freshmen admitted to the College of Engineering to such number as can be properly accommodated with the present facilities. This qualifying examination must be passed before a student will be registered in this course. Students having successfully completed a year's course in another college will be exempt from this examination.

COLLEGE OF LAW

Applicants for admission to the College of Law as candidates for degrees must be eighteen years of age and must present, in addition to sixteen high school units, two years of college work of not less than sixty-eight semester

hours acceptable for a bachelor's degree. Evidence of this work must be presented to the Registrar of the University on or before the date on which the candidate wishes to register.

The College reserves the right to reject students whose admission credits do not average C.

No specific course of studies is prescribed for the college work required for admission; but, in general, students are advised to pursue the Pre-Law Course offered by the College of Arts and Sciences. The combined academic and law courses offered in the College of Arts and Sciences, and in the College of Commerce and Journalism, are also recommended.

Women Students.—Women students who are twenty-one years of age and who fully meet the entrance requirements of the College may enter as candidates for degrees.

Special Students.—Special students are not admitted to the College.

Advanced Standing.—No work in law done in other institutions will be accepted towards a degree, unless the applicant passes satisfactorily the examinations held in the subjects in question in this College, or unless credit is given without examination. Credit of an average of C from schools which are members of the Association of American Law Schools, of which this College is a member, will be accepted without examination. In no case will credit be given for work not done in residence at an approved law school.

THE TEACHERS COLLEGE

In addition to the seven units required of all candidates for admission (three in English, one in algebra, one in plane geometry, one in history, and one in science) two additional units are required.

The courses leading to the degrees of Bachelor of Arts in Education, Bachelor of Science in Education, Bachelor of Science in Agricultural Education, Bachelor of Science in Physical Education or the Normal Diploma.—For these courses two units of a foreign language are required. However, candidates presenting two units in history and two units in science, or three units in history or three units in science, need not present any foreign language for admission.

Teacher's Certificates.—Teacher's certificates obtained by special examinations given by the State Department of Education entitle the holder to entrance credit by examination.

The First Grade Certificate.—The first grade certificate entitles the holder to entrance credit by examination as follows: rhetoric and composition, two units; ancient history, one unit; medieval and modern history, one unit; psychology, one unit; biology, one unit (only if it appears on certificate); civics, one half unit; algebra, two units; agriculture, one half unit; total, nine units.

The Second Grade Certificate.—The second grade certificate entitles the holder to entrance credit by examination as follows: composition, one unit; civics, one half unit; United States history, one half unit; agriculture, one half unit; theory and practice, one half unit; algebra, one unit; total, four units.

The Primary Certificate.—The primary certificate entitles the holder to entrance credit by examination as follows: United States history, one half unit; civics, one half unit; psychology, one unit; manual arts, one unit; nature-study, one unit; drawing, one unit; rhetoric and composition, two units; public-school music, one unit; total, eight units.

Special Certificates.—Special certificates will be considered on their merits.

THE COLLEGE OF PHARMACY

In addition to the seven units required of all candidates for admission (three in English, one in algebra, one in plane geometry, one in history, and one in science) two additional units are required.

For the courses leading to the degree of Graduate in Pharmacy and the degree of Bachelor of Science in Pharmacy.—For these courses two units of a foreign language are required. However, candidates presenting two units in history, and two units in science, or three units in history or three units in science, need not present any foreign language for admission.

THE COLLEGE OF COMMERCE AND JOURNALISM

In addition to the seven units required of all candidates for admission (three in English, one in algebra, one in plane geometry, one in history, and one in science) two additional units are required.

For the courses leading to the degree of Bachelor of Science in Business Administration, or Bachelor of Science in Journalism.—For these courses, two units in a foreign language are required.

SCHOOL OF ARCHITECTURE AND ALLIED ARTS

In addition to the seven units required of all candidates for admission (three in English, one in algebra, one in plane geometry, one in history, and one in science) one and one half additional units are required, and the science unit is specified.

For the course leading to the degree Bachelor of Arts in Architecture.—For this course one half unit in advanced algebra, one half unit in solid geometry, and one half unit in trigonometry is required. It is further specified that the science unit be in physics. If these units are not presented on entrance, the student may be registered for this course for the freshman year conditionally. He will not be registered for the sophomore year until all conditions in entrance are removed.

For the course leading to the degree Bachelor of Fine Arts.—For this course two units of a foreign language are required. However candidates presenting two units in history, and two units in science, or three units of history or three units in science, need not present any foreign language for admission.

ADULT SPECIAL STUDENTS

No student will be admitted to any school or college of the University who has not fully met the entrance requirements by one of the above methods, except applicants 21 years of age or more, who may desire to pursue a special and limited course of study. Such candidates for admission must secure the approval of the college concerned for the work they wish to pursue.

ADMISSION TO ADVANCED STANDING

This University accepts credits from all reputable colleges and universities toward advanced standing. Such credits are accepted as far as they represent courses equivalent to those offered in this institution, if the marks are sufficiently high to meet the quality credit requirement. The certified record of courses taken in other institutions must be upon the official blank of the institution granting the certificate and should show:

- a. The subject studied, the catalog course number, and the descriptive title.
- b. The number of weeks and hours a week spent upon each subject.
- c. The value of the course expressed in credits.
- d. The exact grades should be stated accompanied by an explanation of the marking system employed.
- e. A list of the preparatory units presented upon entrance.
- f. A letter or statement of honorable dismissal.

Applications for advanced standing should be made, if possible, at least one month before the time when the student expects to enter the University.

Upon the University's receipt of a transcript of credit, the candidate will be mailed an application for admission. When this is returned properly filled out, the Registrar will present the applicant with a certificate of admission, giving the applicant's classification and directions for registration.

All statements concerning advanced standing and classification are provisional, subject to the satisfactory completion of one year's work at the University by the applicant.

Students who, because of failure in studies, are not allowed to return to the institution they last attended will ordinarily be denied admission to the University of Florida.

The following institutions in the State of Florida are fully accredited institutions because of their membership in the Southern Association of Secondary Schools and Colleges:

The Florida State College for Women, Tallahassee
Rollins College, Winter Park.

Upon the request of the following institutions their work in arts and sciences and teacher training has been inspected by the University and accredited through the year 1929-30:

St. Petersburg Junior College, St. Petersburg
Bob Jones College (Junior College), Lynn Haven
Miami University, Coral Gables.

High School Visitation.—Through Dr. Joseph Roemer, Professor of Secondary Education, the University strives to keep in close touch with the high schools of the state. Part of his time is taken up with visiting the high schools and lending such aid and encouragement as will be productive of stronger high schools and a closer connection between them and the University.

LIST OF ACCREDITED PREPARATORY SCHOOLS

Graduates of the following Florida High Schools will be admitted to the University of Florida provided their credentials satisfy the requirements as heretofore specified. These schools are listed according to their location.

Alachua	Daytona Beach, Daytona High School
Alva	Daytona Beach, Seabreeze High
Anthony	School
Apalachicola, Chapman High School	DeFuniak Springs, Palmer College
Arcadia, DeSoto County High School	Academy
Archer	DeFuniak Springs, Walton County
Auburndale	High School
Aucilla	DeLand
Avon Park	Delray
Baker	Dunnellon
Barherville Central High School	Eau Gallie
Bartow, Summerlin Institute	Eustis
Bell	Everglades
Blountstown, Calhoun Co. High School	Fellowship
Bonifay, Holmes Co. High School	Fernandina
Boynton	Ft. Lauderdale, Central High School
Bradenton	Fort Meade
Brandon	Fort Myers
Branford	Fort Pierce
Bristol, Liberty Co. High School	Fort White
Brooksville, Hernando Co. High School	Gainesville
Bushnell	Gonzalez, Tate Agricultural High
Campbellton	School
Canal Point	Graceville
Carbur	Green Cove Springs, Clay County
Cedar Key	High School
Chattahoochee	Greensboro
Chiefland	Greenville
Chipley, Washington Co. High School	Groveland
Crystal River	Haines City
Clearwater, Central High School	Hastings
Clermont, Clermont - Minneola High	Havana
School	Hawthorne
Cocoa	High Springs
Coral Gables, Ponce de Leon High	Homestead
School	Homestead, Redland High School
Cottondale	Inverness, Citrus Co. High School
Crescent City	Jacksonville, Andrew Jackson High
Crestview	School
Cross City, Dixie County High School	Jacksonville, Florida Military Acad-
Dade City, Pasco County High School	emy (private)
Dania	Jacksonville, Landon High School

Jacksonville, Robert E. Lee High School	Newberry
Jasper	Niceville
Jay	Nokomis
Jupiter	New Smyrna
Key West, Convent of Mary Immaculate High School	Ocala
Key West, Monroe Co. High School	Ocoee
Kissimmee, Osceola Co. High School	Okeechobee
La Belle	Orlando
Lake Butler, Union Co. High School	Orlando, The Cathedral School
Lake City, Columbia High School	Oviedo
Lake Placid	Palatka, Putnam Co. High School
Lake Wales	Palmetto
Lake Worth	Panama City, Bay Co. High School
Lakeland	Pensacola
Largo	Pensacola—St. Michaels High School (private)
Laurel Hill	Perry, Taylor County High School
Leesburg	Pierson
Live Oak, Suwannee High School	Plant City
Lynn Haven, Bob Jones College High School	Ponce de Leon
Maccleenny	Pompano
Madison	Port St. Joe
Malone	Punta Gorda
Marianna, Jackson Co. High School	Quincy, Gadsden Co. High School
Mayo, Lafayette Co. High School	Reddick
Melbourne	St. Augustine, Ketterlinus High School
Melrose	St. Augustine—St. Joseph's Academy (private)
Miami	St. Cloud
Miami, Dade County Agricultural High School	St. Leo, St. Leo Academy (private)
Miami, Gesu High School (private)	St. Petersburg
Miami, Ida M. Fisher High School	Sanford, Seminole High School
Miami Military Academy (private)	Sarasota
Micanopy	Sebring
Milton, Santa Rosa Co. High School	Seville
Montverde, Montverde School (private)	Sneads
Monticello	Sopchoppy
Mount Dora	Starke, Bradford County High School
Mount Pleasant	Stuart, Martin County High School
Mulberry	Summerfield
Munson, Munson Consolidated High School	Tallahassee, Florida State College for Women High School
New Port Richey, Gulf County High School	Tallahassee, Leon Co. High School
	Tampa, Tampa High School (private)
	Tampa, Convent of the Holy Names (private)

Tampa, H. B. Plant High School	Webster
Tampa, Hillsborough High School	West Palm Beach, Palm Beach Senior High School
Tarpon Springs	Wildwood
Titusville	Williston
Trenton	Wimauma
Umatilla	Winter Haven
Vernon	Winter Park
Vero Beach	Zephyrhills
Wauchula	

EXPENSES

TUITION FEES

College of Law.—In the College of Law the tuition fees are \$40 per year, or \$20 per semester, payable in advance.

Non-resident.—The non-resident tuition fee is \$100 per year or \$50 per semester, payable in advance. This fee is charged all non-resident students, including those pursuing graduate work. No person is eligible to register in the University as a resident of the State of Florida unless he has been a bona fide resident in the state during the twelve months immediately preceding the date of his registration. The residence of a minor shall follow that of his legal guardian.

College of Commerce and Journalism.—A special fee of \$10 per year, payable in advance is charged all students regularly enrolled in this college. One dollar per semester-hour is charged other students who elect technical courses in this college.

DEPOSIT FEES

A room reservation fee of \$10 is charged for dormitory space. This fee is retained as a deposit against damage until the student gives up his room, when refund, on return of key and less any charge for damage incurred during his residence there, is made.

SPECIAL FEES

Registration and Contingent Fee.—This fee of \$7.50 per year is charged all students, including those regularly enrolled in the graduate school.

Student Activity Fee.—This fee of \$23.60, payable on entrance, was voted by the students and approved by the Board of Control. These fees are used to foster and maintain athletic sports, student publications, literary and debating societies, and other student activities. All students are required to pay this fee, except that students regularly enrolled in the Graduate School may be excused if they do not wish to participate in any of the student privileges covered by this fee.

Military Fee.—This fee of \$1 is charged all first and second year men registered for military science to protect against loss of government ordnance.

Locker Fee.—This fee of \$1.50 is charged all students for use of lockers and supplies furnished in gymnasium and swimming pool.

Infirmary Fee.—All students are charged an infirmary fee of \$9 per year. This secures for the student in case of illness the privilege of a bed in the Infirmary and the services of the University Physician and professionally-trained nurses, except in cases involving major operations. To secure this medical service, the students must report in person to the nurse in charge of the Infirmary. A fee of \$5 is charged for the use of the operating room. Board in the Infirmary is charged at the rate of \$1 a day. All students will be given a careful physical examination at the beginning of the sessions. Graduate students, not married, and living in the dormitories or rooming houses are required to pay this fee.

The total of Special Fees, as listed above, including Military Fee for freshmen and sophomores, is \$42.60; or for juniors and seniors, is \$41.60.

Laboratory Fees.—A small fee is required in advance for each course that includes laboratory work, to cover cost of consumable material, wear and tear of apparatus, and similar items. The amount of the fee varies with the different courses, in no case exceeding \$5 per semester for any one course.

Breakage Fees.—A fee of \$5 will be required for each student using a locker and laboratory apparatus in the Departments of Chemistry, Pharmacy, Biology, and Electrical Engineering; this fee is \$3.00 in the Department of Physics. This deposit will be made with the Cashier in the Business Manager's Office, and refund will be made on it once a year, when the student has checked in his apparatus to the satisfaction of the department concerned. No charge will be made from this fee for materials used, or for normal wear and tear, as this is covered in the General Laboratory Fee.

Diploma Fee.—A fee of \$5 is charged all candidates for degrees.

PENALTY

Late Registration Fee.—A fee of \$5 is charged all students who do not complete their registration on the dates set by the Council and published in the Calendar. Registration is not complete until all University bills are paid, and any who fail to meet their obligations are not regarded as students of the University.

Non-Resident.—A fee of \$10 in addition to regular fee for this will be charged all students registering incorrectly. The burden of proof as to residence is with the student.

Library Fines.—A fine of 2 cents a day is charged for each book in general circulation that is not returned within the limit of two weeks. "Reserve" books may be checked out overnight, and if they are not returned on time the fine is 5 cents an hour or fraction of an hour until they are returned. No book may be checked out if the fine is over 25 cents.

REFUNDS

No refund of any fees, except unused portions of laboratory and breakage fees, will be made after the student has attended classes for three days. The Registration and Contingent Fee of \$7.50 is not refundable.

The Room Reservation Fee.—The room reservation fee, less any damage charges against the student, and on return of key, is refunded when the student gives up his room. If he accepts assignment, he is required to stay at least a semester.

Students graduating at the close of the first semester, and having paid all fees, will be refunded \$13 of the matriculation fees unless a copy of the "Seminole" is requested, in which case only \$9 will be refunded.

Remittance.—All remittance should be made to the Business Manager, University of Florida, Gainesville, Florida.

LIVING EXPENSES

DORMITORIES

The three dormitories at the University of Florida will accommodate about five hundred students. Generally speaking, preference is given to freshmen applying for rooms in these dormitories. The authorities believe that except in case of very special reasons it is better for a freshman to room in one of the dormitories for at least the first semester. Upperclassmen reservations will be accepted with this understanding. Applications should be made as early as possible, since accommodation in the dormitories is limited to five hundred students. Application must be accompanied by the Room Reservation Fee of \$10. If a room has been assigned, no refund will be made later than September 10. Students not assigned a room will be entitled to a refund upon request. Students contracting for rooms when assigned will not be permitted a refund if they withdraw from the dormitories during the semester. Contracts for rooms in the dormitories are for one semester, and in the absence of exceedingly important reasons no student will be given permission to vacate a room during this time.

The new dormitory is used for freshmen exclusively, and is strictly fire-proof. The rooms are all equipped with lavatories and built-in chifforobes. All rooms are partly furnished, and have adjacent bath rooms with lavatories and hot and cold showers. The furniture consists of two bedsteads and mattresses, chifforobes, study tables, and chairs. The students are required to provide pillows, bedding, towels, and toilet articles for their own use. The doors of the rooms are provided with Yale locks. Keys for dormitory rooms will be issued students against the Room Reservation fees.

The suites in the new dormitory consist of study and bed rooms, accommodating two. Those on the first, second, and third floors may be contracted for at the rate of \$40 per student per semester, and those on the fourth floor at the rate of \$36 per student per semester. There is a limited number of suites available for one person, which may be had at an additional cost of \$4 per semester. There are several suites accommodating three, at the rate of \$36 per student per semester.

All suites in Thomas and Buckman Halls are available at the rate of \$24.50 per student per semester.

Janitor service includes the care of rooms by maids, under the supervision of a competent housekeeper.

The government in the dormitories is entirely in the hands of monitors, appointed by the Dean of Students. Reasonable regulations as to noise, care of property, and respect for the rights of other individuals are insisted upon. The policy has been adopted of giving the President of the Student Body a room in the dormitory and making him head monitor. All questions of government come from the monitors, through him, to the Dean of Students.

BOARD

Board may be had at the University Commons at a cost of \$22.50 per calendar month. Arrangements are being made to furnish cafeteria service on a modified plan, whereby students rooming in the dormitories as well as all other students and faculty may procure monthly tickets for \$20 when purchased in advance, with a refund of 50% for all unused meal tickets at the end of the monthly period. The dining room will be open for the first meal on Monday, September 15, 1930, at noon.

The annual expense for rooms and board may be arranged as follows:

	<i>New Dormitory</i>		<i>Old Dormitory</i>
	First, second and third floors	Fourth floor	All floors
	\$ 80	\$ 72	\$ 49
Board	160	160	160
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	\$240	\$232	\$209

- In view of the location it is considered desirable that students rooming in the dormitories will take their meals in the Commons. Exceptions will be made to the rule only on request of parents, and for good and sufficient reason.

Board and rooms near the Campus.—Board and rooms in private homes of Gainesville may be procured at rates of \$35 to \$45 per student per month, depending upon the accommodations and proximity to the Campus. A large number of rooming houses, as well as cafeterias, lunch rooms, and dining rooms, are located within walking distance, and students may secure any class of accommodations they desire. The Dean of Students' Office maintains a list of boarding and rooming houses near the campus and in the city, and Mr. R. C. Beaty, Assistant to the Dean, will be glad to aid students in securing a comfortable location. For a copy of this list and advance information, address Dean of Students, University of Florida, Gainesville, Florida.

SUMMARY OF EXPENSES

The annual necessary expenses of the average Florida student would figure approximately as follows:

Tuition	\$ 00.00
Registration, Student Activity and other fees.....	42.60
Laboratory Fees and books	50.00
Board and lodging in dormitory	227.00
Laundry	18.00

Total	\$337.60

Law students should add \$40 to this amount for tuition.

All students who are not permanent legal residents of Florida should add \$100 to this amount to cover Non-resident Tuition.

Cost of clothing, recreation, travel, and other incidentals are subject to the wishes of the individual.

The laboratory, breakage, and instrument fees for the several courses for freshmen are as follows:

College of Agriculture	\$ 26.00
School of Architecture and Allied Arts.....	41.00
College of Arts and Sciences—	
A.B. course	0.00
B.S. course	15.00
Pre-medical course	30.00
College of Commerce and Journalism.....	10.00
College of Engineering	31.00
Law (tuition and books)	100.00
College of Pharmacy	40.00
Teachers College—	
A.B.E.	0.00
B.S.E.	15.00

In all cases \$25 should be the minimum amount budgeted for books.

SELF HELP

In view of the fact that there are comparatively few positions on the Campus and in the City of Gainesville, it is strongly urged that no freshman come to the University with the expectation of depending very largely upon his earnings during his first college year.

The Committee on Self-Help, of which the Dean of Students is Chairman, undertakes to award positions on the campus to deserving UPPERCLASSMEN. The following conditions will govern it in making assignments:

- a. The scholastic record of the student will be taken into consideration. No student failing as much as six hours will be considered.
- b. Preference will be given to those having experience.
- c. The financial condition of the student will be taken into consideration.
- d. No graduate students will be used except as graduate assistants in positions requiring the training which the student has secured in college.
- e. No student on probation of any kind will be given a position. If, while holding one, he is placed on probation, he will be required to resign the position.
- f. A student may not hold two University positions the combined salaries of which exceed \$100 per year.

Unskilled labor is paid for at the present time at the rate of thirty cents per hour; skilled labor is proportionately compensated. Under-graduate laboratory assistants are paid by the hour according to the following schedule.

Sophomores	\$.35
Juniors .....	.40
Seniors .....	.45

A few students are employed as waiters, as janitors, and in other capacities. Such employment, as a rule, is not given to a student otherwise financially able to attend the University, nor is it given to one who fails in any study. Application for employment should also be made to the Dean of Students.

SCHOLARSHIPS, LOANS, PRIZES, AND MEDALS

LIST OF FELLOWSHIPS, GRADUATE ASSISTANTSHIPS, AND
SCHOLARSHIPS

With the Annual Stipend

Applications for these fellowships must be made before March 1. Blank applications can be obtained from the Dean of the Graduate School.

Agriculture—

L. P. Moore Fellowship	\$ 750
Chilean Nitrate of Soda Fellowship.....	1200
Penney-Gwinn Fellowship	1000

Agricultural Economics—

Graduate Assistant in Marketing.....	600
Graduate Assistant in Farm Management.....	600
Agricultural Engineering—Graduate Assistant	600
Agronomy—Graduate Assistant	600
Animal Husbandry—Graduate Assistant	600
Entomology and Plant Pathology—Graduate Assistant.....	600
Horticulture—Graduate Assistant	600

(Agricultural Chemistry is included in Chemistry)

Biology and Geology—

Two Graduate Assistantships at \$500 each.....	1000
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Business Administration—

Two Graduate Assistantships at \$450 each.....	900
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Chemistry—

Seven Fellowships at \$500 each.....	3500
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Engineering—

Civil Engineering—one Graduate Fellowship at \$500	
Mechanical Engineering—Graduate Fellowship at \$500.....	1000

(Chemical Engineering is included in Chemistry)

English—

One Half-time Instructorship at \$900	
One Graduate Assistantship at \$600.....	1500

Mathematics—

One Graduate Assistantship	600
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Pharmacy—

Two Half-time Instructorships at \$900.....	1800
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Psychology and Philosophy—

One Graduate Assistantship	400
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Physics—

Four Graduate Assistantships at \$600 each.....	2400
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SCHOLARSHIPS AND LOAN FUNDS

The University of Florida is peculiarly fortunate in the number of scholarships and loans which are open to students. Generally speaking, these scholarships and loans are administered directly by the donors. We have, however, a Committee on Scholarships, of which the Dean of Students is Chairman.

This Committee collects all information relative to vacancies, basis of award, value, and other pertinent facts and will be able to supply this information to interested students. The Committee also collects information on applicants and supplies this information to the donors. In some instances, the Committee has been given authority to make the awards direct.

While scholarship, as evidenced by scholastic attainment, is an important feature in making the awards, it is by no means the only thing taken into consideration. The student's potential capacity to profit by college training and to make reasonable returns to society is a large factor in making all awards.

Inquiries relative to scholarships and loans should be addressed to the Dean of Students, University of Florida, Gainesville.

Senatorial and Teachers Scholarships.—The Legislature has provided that every senatorial district of the State shall be allowed annually one scholarship for men at the University of Florida; and that every county of the State shall be allowed as many scholarships in the Teachers College of the University of Florida as that county has representatives in the House of Representatives. These latter scholarships shall be awarded only to such residents of the several counties as intend to make teaching in this State their occupation. The scholarships are awarded after a competitive examination, taken pursuant to the provisions of the act and to appropriate rules and regulations prescribed by the State Board of Education. Scholarships from senatorial districts are designated as Senatorial State Scholarships, and are awarded after a competitive examination. The holder may register for any of the regular courses at the University of Florida and is not required to teach after graduation. The value of these scholarships is \$200.00 per year.

Students desiring to take these competitive examinations should communicate with the State Superintendent of Public Instruction, Tallahassee, Florida.

County Agricultural Scholarships.—Provision has been made by a legislative act for a scholarship from each county—these to be offered and provided for at the discretion of the Board of County Commissioners of each county. The recipient is to be selected by competitive examination. The value of each scholarship is a sum sufficient to pay for board in the dining hall and room in the dormitory. Whether such a scholarship has been provided for by any county may be learned from the Clerk of the Board of County Commissioners, or the County Agent of the County in question. Questions for the examination are provided and papers graded by the University if desired.

Vocational Rehabilitation Scholarships.—The Department of Vocational Rehabilitation is willing to aid any citizen of Florida who can give evidence of being prepared to enter college, and who gives promise of being a successful student, provided that he has sustained, by reason of physical impairment, a vocational handicap; and provided the course which he selects can be reasonably expected to fit him to earn a livelihood. The amount of funds spent on trainees at the University of Florida during the present year will amount to approximately \$100.00 per student. Inquiries for these scholarships should be addressed to Mr. Claud M. Andrews, State Supervisor of Vocational Rehabilitation.

Rotary Loan Fund.—The University here wishes to record its appreciation of the great interest shown in higher education by the Rotarians of Florida, who have set aside a considerable sum of money to be used in making loans to worthy boys, who otherwise would not be able to attend college.

Applications for loans should not be made to the University, but to the President of the Rotary Club of the city from which the prospective student registers or to Mr. F. O. Miller, President, Jacksonville, Florida, on or before September 1st.

Student Aid Society.—A number of students have been helped by loans from the University of Florida Student Aid Society.

This Society was organized in Jacksonville, through the efforts of Frank Rogers and W. M. McCrory, who serve as Secretary and Treasurer, respectively.

Money has been raised through the sale of non-profit stock certificates, at \$10.00 each, and over \$6000 has been given in scholarship loans this year.

Knights Templar Scholarship Loans.—The Grand Lodge of Knights Templar in the State of Florida has arranged a number of loans, in amounts of \$200.00 to each student, for high school students pursuing a course at the University of Florida.

These loans are made available through application to the Knights Templar Lodge in the various cities of the State, and are handled by the Grand Lodge officers. It is estimated that thirty students per year receive aid from these scholarship loans.

Knights of Pythias.—The University hereby acknowledges its profound gratitude to the Grand Lodge of the Knights of Pythias of Florida, which by the establishment of twelve scholarship loans make it possible each year for twelve young men to pursue their studies.

Application for one of these loans should be made to Dr. J. H. Coffee, Arcadia, Florida.

United Daughters of the Confederacy Scholarships.—Established by various Chapters of the Florida Division, U.D.C. Application for these scholarships should be made to Mrs. J. C. Blocker, Chairman of Education, 600 Fourth Street, North, St. Petersburg, Florida.

Loring Memorial Scholarship.—Maintained by Mrs. William Loring Spencer, in memory of her distinguished uncle, General Loring. Value, \$250.00 per year.

Groover-Stewart Scholarship.—The Groover-Stewart Drug Company of Jacksonville, has indicated its interest in the University by the establishment of an annual award of a three-year scholarship in the College of Pharmacy, awarded on the basis of a competitive examination. The value of the scholarship is \$1000, one-third of this amount being paid each year to the recipient. Further information concerning the conditions of award may be obtained from the Dean of the College of Pharmacy.

Duval High Memorial Scholarship.—An act creating the Memorial Duval High School Scholarship and authorizing and appropriating annually \$275.00 of the Duval County funds as financial assistance for one worthy high school graduate is covered by House Bill No. 823, and was approved May 20, 1927.

This scholarship is created to memorialize and assist in preserving the high standards and traditions of the Duval High School, where many of Florida's worthy citizens are educated, was established by the Board of County Commissioners of Duval County, Florida.

J. B. Dell, Jr. Memorial Scholarship.—Established by Mrs. J. B. Dell, of Gainesville, Florida, in memory of her son, James B. Dell, Jr., and awarded to a worthy student. Value, \$250.00.

Knight and Wall Scholarship.—Established and maintained by the Knight & Wall Company, of Tampa. Value, \$245.00. For full particulars, address the Superintendent of Public Instruction, Hillsboro County, Tampa, Florida.

Jacksonville Rotary Club Scholarship.—The Jacksonville Rotary Club maintains a scholarship of \$250.00, which is given, at their discretion, to a student meeting such requirements as they may make pertaining to the scholarship.

Arthur Ellis Ham Memorial Scholarship.—Established in 1919 by Mrs. Elizabeth C. Ham, in accordance with the last will and in memory of her husband, Captain Arthur Ellis Ham, a former student of the University, who fell in battle at St. Mihiel, France, on September 14, 1918. Value, the income from a fund of \$5000.

Albert W. Gilchrist Memorial Scholarship.—This scholarship is open to students of the junior and senior classes. Two of these awards are made annually; each one being worth \$200.00 per year. Scholastic achievement is the principal basis of this award.

David Levy Yulee Memorial Scholarship.—This scholarship is awarded annually on the basis of scholarship, and is open to the members of the sophomore, junior and senior classes. Value, about \$200.00.

William Wilson Finley Foundation.—As a memorial to the late President Finley, and in recognition of his interest in agricultural education, The Southern Railway Company has donated to the University of Florida the sum of \$1000, to be used as a loan fund. No loan from this fund to an individual is to exceed \$150.00 per year. Recipients are selected by the Dean of the College of Agriculture, to whom applications should be directed.

No loans will be available from this fund for the college year 1930-1931.

Florida Bankers Association Scholarships.—The Florida Bankers Association awards three scholarships annually; one for North and West Florida, one for Central Florida, and one for South Florida. These scholarships are awarded on an examination given at the Annual Boys' Short Course. The examination is given and the award made by the State Boys' Club Agent.

Application for these scholarships should be made to the Dean of the College of Agriculture.

Frank E. Dennis Scholarship.—Established by Frank E. Dennis, of Jacksonville, and awarded to club members showing the best pig-club pig at the State Pig Club exhibit. One scholarship is awarded annually; value, \$250.00.

Application should be made to the Dean of the College of Agriculture.

Congressman Yon Scholarship.—Awarded to the 4-H Club boy living in the Third Congressional District, who has been outstanding in leadership in club work. Awarded annually; value, \$100.00.

Application should be made to the Dean, College of Agriculture.

John B. Sutton Scholarship.—Established and maintained by a loyal alumnus and former member of the Board of Control, Mr. John B. Sutton, LL.B., 1914, of Tampa, Florida. Value, \$250.00.

The Thomas Company Scholarship Loan.—The Thomas Company, of Gainesville, Florida, maintains a loan fund of \$250.00 per year. This loan is made to a student upon recommendation of the Athletic Director.

The American Bankers Association Foundation.—One loan scholarship to a student at the University of Florida whose major course is in banking, economics, or related subjects in classes of junior grade or above. Value, \$250.00.

Application for loan should be made to the Chairman of the Committee on Awards, 110 E. 42nd Street, New York City.

Murphree Engineering Loan Fund.—On September 16, 1929, a friend of our late President, Dr. A. A. Murphree, gave to the Engineering College \$500.00, to be used as a revolving loan fund. This fund was to be used in cases of emergency when, on account of financial difficulties, worthy students would be kept from graduating unless they could receive some assistance. Only in special cases are these loans made to members of the junior class.

Applications for loans from this fund should be made to the Dean of the College of Engineering, University of Florida.

The Order of Ahepa Scholarship.—No information is now available concerning this scholarship.

PRIZES AND MEDALS

Alpha Zeta Freshman Scholarship Medal.—Each year the Florida Chapter of Alpha Zeta awards a gold key to the Sophomore in Agriculture who, in the opinion of the chapter, was the most outstanding in scholarship, leadership, personality, and general endeavor, during his freshman year in the Agricultural College. The key bears the Alpha Zeta crest, the name of the winner, the year in which his work was done, and the purpose for which it is awarded. The key is presented with the object of promoting interest in scholarship and leadership among the freshmen.

Board of Control Awards.—The Board of Control annually awards the following medals:

1. The Freshman-Sophomore Declamation Contest Medal, to the best declaimer of the Freshman and Sophomore classes.
2. Junior Oratorical Contest Medal, to the best declaimer of the Junior Class.
3. Senior Oratorical Contest Medal, to the best declaimer of the Senior Class.

Classifications are determined according to the following schedule:

Freshmen—those having less than 19 hours of college credit.

Sophomores—those having 19 or more credits, but less than 45.

Juniors—those having 45 or more credits, but less than 82.

Seniors—those having 82 or more credits, but less than 130.

Corpus Juris-Cyc Prize.—A Corpus Juris-Cyc prize is offered by the American Law Book Company for the best work in legal research in the College of Law.

Groover-Stewart Drug Company Cup.—Mr. F. C. Groover, President of the Groover-Stewart Drug Company, has given a large silver loving cup which is awarded to the graduating class in the College of Pharmacy attaining the highest general average in scholarship and is held by that class until this average is exceeded by a subsequent graduating class.

Haisley Lynch Medal.—The University is grateful to Mr. and Mrs. L. C. Lynch of Gainesville for their gift of the Haisley Lynch Medal for the best essay in American history. This medal is awarded annually by them in loving memory of their son, Haisley Lynch, a former student of the University, who was killed in action in France during the World War.

Harrison Company Award.—A set of the Photographic Reprint of the Florida Supreme Court Reports, Volumes 1-22, is offered by the Harrison Company to the senior law student doing all his work in this institution, and making the highest record during his law course.

The Leigh Medal.—Mrs. Townes Randolph Leigh of Gainesville offers a gold medal to that student in pharmacy outstanding in many qualities. Award made upon the vote of the student body and faculty of the College of Pharmacy, the faculty votes counting three to one of the student votes.

The Ramsaur Medal.—Mrs. D. W. Ramsaur of Jacksonville offers a gold medal and an engraved certificate to that graduate of the College of Pharmacy making the highest average grade in scholarship and evincing leadership in student activities.

STUDENT ORGANIZATIONS AND PUBLICATIONS

Organizations.—Practically every interest in the student body has a student controlled organization, with faculty supervision, for its support.

Student Government.—The University of Florida has student government, which has for its objects and purposes the enactment and enforcement of suitable laws, the promotion of athletics, debating, publications of the Student Body, entertainments of a general educational value, and such other activities as the Student Body may from time to time adopt. The officers of the Student Body are the President, Vice President, Secretary-Treasurer, cheer leaders, members of the Honor Court, Athletic Council, Executive Council, Debating Council, Lyceum Council, officers of the Glee Club, and editors and business managers of the student publications.

Honor Court.—Florida has the honor system. Each man on entering the student body swears to live up to the honor system, which embraces the following offences: cheating on examination, failure to report others seen so cheating, stealing, and passing worthless checks. The Honor Court is composed of 12 men elected from the various colleges, one of whom is selected as Chancellor and another as Clerk, and has complete authority over the case of any student charged with violating any part of the honor system.

Executive Council.—The Executive Council is composed of 17 men elected from the colleges on the campus and in general acts as administrator of student body affairs. The other councils, Athletic, Debating and Lyceum, have jurisdiction over their respective fields.

Publications.—The Student Body publishes the Seminole, the year book; the Florida Alligator, a weekly newspaper; and the "F" Book, the student's guide.

Y. M. C. A.—The purpose of the Young Men's Christian Association is to provide a medium through which the highest ideals of education and religion may be expressed in terms of service. The program of the Association is planned to meet definite needs as they are apparent. There is no membership fee. The organization is supported by voluntary subscriptions, and any student may become a member by subscribing to its purpose. Two secretaries having extensive experience with the problems of students are available at all times for counsel and help.

Fraternities.—Twenty national social fraternities have established chapters at the University; most of them have already built handsome chapter houses for their members, and the others have leased homes. There are also several local fraternities. The general work of the fraternities is controlled by the Interfraternity Conference, composed of two delegates from each of the national fraternities; and the Pan-Hellenic Council, composed of delegates from the local fraternities. The national fraternities at Florida are Alpha Gamma Rho, Alpha Tau Omega, Delta Chi, Delta Tau Delta, Delta Sigma Phi, Kappa Alpha, Kappa Sigma, Phi Beta Delta, Phi Delta Theta, Phi Kappa Tau, Pi Kappa Alpha, Pi Kappa Phi, Sigma Alpha Epsilon, Sigma Chi, Sigma Iota, Sigma Nu, Sigma Phi Epsilon, Tau Epsilon Phi, Theta Chi and Theta Kappa Nu.

Various honor societies and fraternities have been established at Florida. Phi Kappa Phi elects annually the highest ten per cent, scholastically, of the senior class. Blue Key and Omicron Delta Kappa (ODK) are honor groups electing men to membership on the basis of leadership and participation in campus activities. Black and White Masque is a local senior honorary.

Other honorary fraternities are Alpha Kappa Psi, professional business fraternity; Alpha Phi Epsilon, literary and debating; Alpha Zeta, agricultural; Delta Epsilon, local pre-medical; Gamma Sigma Epsilon, chemical; Gargoyle, architectural; Kappa Delta Pi, educational; Kappa Gamma Delta, aeronautical; Kappa Phi Kappa, professional educational; Phi Alpha Delta and Phi Delta Phi, legal; Phi Sigma, biological; Pi Delta Epsilon and Sigma Delta Chi, journalistic; Delta Sigma Pi, professional commerce; Pi Gamma Mu, social science; Scabbard and Blade, military; Sigma Delta Psi, athletic; Sigma Tau, engineering; Tau Kappa Alpha, forensic; Phi Eta Sigma, freshman scholastic; Rho Chi, pharmacy; Thry-sus, horticultural.

The University Record

of the

University of Florida

Bulletin of the
College of Commerce and Journalism
With Announcements for the Year
1930-31



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May 20, 1930

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under Act of Congress, July 16, 1894*

The University Record of the University of Florida is issued once every month except June, when it is issued six times.

The Record comprises:

The Reports of the President and the Board of Control, the Bulletin of General Information, the annual announcements of the individual colleges of the University, announcements of special courses of instruction, and reports of the University Officers.

These bulletins will be sent gratuitously to all persons who apply for them. The applicant should specifically state which bulletin or what information is desired. Address

THE REGISTRAR,
University of Florida,
Gainesville, Florida.

Research Publications.—Research publications will contain results of research work. Papers are published as separate monographs numbered in several series.

There is no free mailing list of these publications. Exchanges with institutions are arranged by the University Library. Correspondence concerning such exchanges should be addressed to the University Librarian, University of Florida, Gainesville, Florida. The issue and sale of all these publications is under the control of the Committee on Publications. Requests for individual copies, or for any other copies not included in institutional exchanges, should be addressed to the University Bookstore, University of Florida, Gainesville, Florida.

The Committee on University Publications,
University of Florida,
Gainesville, Florida.

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THE COLLEGE OF COMMERCE AND JOURNALISM
FACULTY

ADMINISTRATION

- JOHN JAMES TIGERT, M.A.(Oxon), Ed.D., D.C.L., LL.D., President.
JAMES MARION FARR, M.A., Ph.D., Vice-President, Professor of English Language and Literature.
WALTER JEFFRIES MATHERLY, M.A., Dean of the College of Commerce and Journalism. Managing Director of Bureau of Economic and Business Research, and Professor of Economics.
ROLLIN SALISBURY ATWOOD, M.A., Ph.D.(Clark), Assistant Dean, and Associate Professor of Economic Geography.
NANNIE BELLE WHITAKER, B.A., Secretary to the Dean.

BUSINESS ADMINISTRATION

- WALTER JEFFRIES MATHERLY, M.A., Head of the Department and Professor of Economics.
MONTGOMERY DRUMMOND ANDERSON, B.S., Ph.D.(Robert Brookings), Director of Bureau of Economic and Business Research, and Professor of Business Statistics and Economics.
HOWARD WILLIAM GRAY, M.S., C.P.A.(Illinois), Professor of Accounting.
HOWARD DYKMAN, B.A., LL.B.(Minnesota), Professor of Insurance and Economics.
HARWOOD BURROWS DOLBEARE, B.A., Associate Professor of Finance.
JOHN GRADY ELDRIDGE, M.A., Associate Professor of Economics.
HUBER CHRISTIAN HURST, B.A., LL.B.(Florida), Associate Professor of Business Law and Economics.
ROLLIN SALISBURY ATWOOD, M.A., Ph.D.(Clark), Associate Professor of Economic Geography.
TRUMAN C. BIGHAM, M.A., Ph.D.(Stanford), Associate Professor of Economics.
JOSEPH PORTER WILSON, M.B.A., Assistant Professor of Marketing and Salesmanship.
JAMES EDWARD CHACE, JR., M.B.A., Director of Bureau of Appointments and Assistant Professor of Economics and Business Management.
WILLIAM TROTTER HICKS, M.S., Instructor in Economics and Economic Geography.
FRED C. WARD, B.S., B.A., Instructor in Accounting.
PETER C. SCAGLIÒNE, B.S., B.A., Instructor in Office Management and Economic History.
ROBERT C. EVANS, B.S., B.A., Research Assistant in Bureau of Economics and Business Research.
JOE BASS, B.S., B.A., Research Assistant in Bureau of Economic and Business Research.

ARTIS L. KENT, B.S., B.A., Graduate Assistant in Economics and Business Administration.

HOWARD L. PUTNAM, B.S., B.A., Graduate Assistant in Economics and Business Administration.

GEORGE NUNEZ, Student Assistant in Economics and Business Administration.

ALBERT M. HAFT, Student Assistant in Economics and Business Administration.

MIKE J. McLAUGHLIN, Student Assistant in Economics and Business Administration.

JOURNALISM

ELMER JACOB EMIG, M.A., Head of the Department and Professor of Journalism.

WILLIAM LEONARD LOWRY, B.A., Assistant Professor of Journalism.

BEN J. GRANT, Student Assistant.

OTHER DEPARTMENTS

For faculty in other departments offering courses required in the various curricula of the College of Commerce and Journalism, see bulletins of College of Arts and Sciences, College of Engineering and College of Agriculture.

GENERAL INFORMATION

HISTORY

The College of Commerce and Journalism had its beginning in 1925. In that year the School of Business Administration and Journalism was established in the College of Arts and Sciences. The Dean of that College was placed in charge. In the fall of 1926 a special director was appointed and the School, though still in theory a part of the College of Arts and Sciences, began to operate as a separate and distinct unit. Out of this unit the Board of Control in the spring of 1927 created the College of Commerce and Journalism with a dean and faculty of its own and made it co-equal in every respect with the other colleges of the University.

OBJECTIVES

The College of Commerce and Journalism offers instruction in two distinct fields of professional or semi-professional effort: business administration, and journalism.

Business Administration.—Instruction in business administration is designed to provide analysis of the basic principles of business. Its purposes are to prepare students (1) to become business executives; (2) to assume the increasing responsibilities of business ownership; and (3) to act in the capacity of business specialists.

Modern business is highly complex in character. The business world is made up of a multitude of specialized business units. These units not only compete, but also co-operate with each other in creating goods and services for the satisfaction of human wants. Those who would enter the field of business must understand the economic organization of society. They must be familiar with the fundamental elements of business management. They must develop facility in the use of quantitative instruments in the determination of business policies. They must recognize the larger relationships between business leadership and general social well-being. To perform these functions they must give attention to cultural as well as professional values.

Business education involves consideration of the following occupational levels: (1) upper levels composed of proprietors and executives; (2) intermediate levels composed of department heads and minor executives; and (3) lower levels composed of clerical and routine workers. The scope of business education includes preparation for all of these levels. While the College of Commerce and Journalism has organized its curricula in business administration to prepare students primarily to occupy the upper and intermediate levels, it has not entirely ignored the lower levels. While no short curricula have been provided, students who cannot spend four years in preparing for the upper and intermediate levels will find courses that will be of great assistance to them in preparing for the lower levels.

Journalism.—Instruction in journalism proceeds upon the belief that the press is a social institution, and that the increasing appreciation of its functions as an educational agency creates a demand for thorough preparation, educationally

and ethically as well as technically, for journalistic endeavor. The makers of modern newspapers and periodicals are compelled to deal with all phases of complex modern life and civilization, and those who would participate in journalistic activities as news writers, as creators or directors of public opinion, or as owners or managers of newspapers, must possess genuine training in English, history, economics, sociology, psychology, government, business management, etc., as well in the technique of newspaper procedure. The purpose of university instruction in journalism is to accomplish, if possible, these difficult objectives, and to help develop such abilities of future newspaper workers as may lend assistance to solving the increasingly difficult problems encountered by the press.

The College of Commerce and Journalism does not profess to turn out finished business managers, executives, department heads and minor executives. Neither does it profess to produce finished newspaper men. Its various curricula provide instruction that will help to shorten the period of apprenticeship for those who expect to enter commercial and newspaper occupations. Those who have learned business or newspaper fundamentals in this College must become finished business and newspaper men by actual practice just as those who have learned the principles of law or medicine in other colleges become finished lawyers and physicians by actual practice.

BUSINESS AND NEWSPAPER CONTACT

Formal training programs cannot take the place of actual experience. Students registered in Business Administration and Journalism are urged to secure positions with business enterprises and newspapers during summer vacations. They should choose types of occupation that will harmonize with their particular fields of specialization. In this way they can secure valuable experience: they can become acquainted with the technique of business and newspaper operation; and they can better co-ordinate classroom instruction with actual business practice.

BUILDINGS AND EQUIPMENT

The College of Commerce and Journalism occupies quarters in Language and Buckman Halls. The following offices are in Language Hall: The office of the Dean and Assistant Dean, the office of the Head of the Department of Journalism, the office of the Bureau of Economic and Business Research, and the offices of three or four faculty members. The rest of the faculty members have offices in the north end of Buckman Hall.

The accounting and statistical laboratories, the economic geography laboratory, the journalism laboratory, and the typewriting laboratory are in Language Hall. In these laboratories students are provided with desks, tables, adding machines, typewriters, and other types of equipment. Class rooms are located in both Language Hall and Buckman Hall.

The College does not have special library or reading rooms. All books, reports, and magazines are located in the University Library. Comfortable reading rooms are maintained there for the use of these books, reports, and magazines.

SCHOLARSHIPS, ASSISTANTSHIPS, AND FELLOWSHIPS

The American Bankers' Association Foundation for Education in Economics offers one annual loan scholarship amounting to \$250. This scholarship is open only to students in business administration. There are several other scholarships open to students in this College along with students in other colleges of the University. For a description of these scholarships see Bulletin of General Information.

The College of Commerce and Journalism has three undergraduate assistantships in economics and business administration and one in journalism. These are awarded annually. They carry a stipend of \$200 each. Students receiving the awards read papers or act in the capacity of laboratory assistants. To receive and hold these assistantships they must maintain an average of B.

There are two research assistantships in the Bureau of Economic and Business Research. They are awarded annually and carry a stipend of \$450 each. There are two graduate assistantships in economics and business administration. They are awarded annually and carry a stipend of \$450 each. Students holding the former assistantships are required to render 15 hours of service per week in connection with the Bureau of Economic and Business Research. Students holding the latter assistantships are required to render 15 hours of service per week in reading papers or acting as laboratory assistants. Neither research nor graduate assistants are allowed to complete the requirements for the Master's degree in one academic year of nine months. While they may complete their course requirements they will have to remain for the summer session to finish their Master's theses. They may be eligible for re-appointment to these assistantships the second year. To become applicants for these assistantships, students must have completed their Bachelor's degree and must have maintained an average of B in their undergraduate courses.

RELATION TO THE SUMMER SESSION

The College of Commerce and Journalism operates during the Summer Session as well as during the regular session. While there is a limited number of faculty members present during the Summer Session, the courses offered, the regulations followed, and the credit given are the same as during the regular session.

ADMISSION

There are two methods of gaining admission to the College of Commerce and Journalism: (1) *By Certificate*.—The University will accept certificates of graduation from accredited Florida high schools. Certificates of graduation will also be accepted from Florida high schools that are members of the Southern Association of Secondary Schools, and from any secondary school elsewhere which is accredited by its state university.

(2) *By Examination*.—Candidates not admitted by certificate of graduation will be required to stand written examinations upon the entrance subjects. Entrance examinations will be given upon the dates published in the University Calendar.

ENTRANCE REQUIREMENTS

Sixteen high school units are required for entrance to the College of Commerce and Journalism. They are as follows:

English	3
Algebra	1
Plane Geometry	1
History	1
Science	1
One Foreign Language	2
Approved Electives	7
Total	<u>16</u>

REGISTRATION

No student will be registered until he has had his principal file with the Registrar of the University a certified copy of his high school record, showing that the candidate has the required units for admission, or until the student has otherwise fulfilled all requirements for admission. Students presenting credit for advanced standing will not be registered until they file a transcript from the university they last attended. For further information on admission see Bulletin of General Information.

SPECIAL STUDENTS

Persons twenty-one or more years of age who cannot satisfy the entrance requirements, but who give evidence of ability to profit by the courses they may take, may, under exceptional circumstances, be admitted as "Adult Specials." They are required to comply with the same regulations as regular students.

GRADUATE STUDY

Both the Department of Economics and Business Administration and the Department of Journalism, under the jurisdiction of the Graduate School of the University, offer graduate courses leading to the degrees of *Master of Arts*, *Master of Science in Business Administration* and *Master of Science in Journalism*. Students may major in economics and minor in business administration or vice versa. Ordinarily requirements for the above degrees may be completed in one regular academic year.

FEES

A special registration fee of \$10 is charged annually to all regular students registered in the College of Commerce and Journalism, and a fee of \$1 per semester hour is charged for other students taking the following courses: all courses in Journalism, and all courses in Business Administration not marked "E."

In addition to these special fees for students registering in the College of Commerce and Journalism, there are several other annual fees paid by all students registered in the University. These fees are as follows:

Registration and Contingent Fee.....	\$ 7.50
Dormitory Breakage Fee (in the form of a deposit).....	10.00
Student Activity Fee	23.60
Infirmary Fee	9.00
Laboratory Fees, varying for the various courses.....	
Locker Service Fee	1.50
Military Fee	1.00

Students not residents of Florida are charged a non-resident tuition fee of \$100, payable \$50 per semester. For details concerning these various fees see Bulletin of General Information.

LIVING EXPENSES

Annual necessary expenses of the average student in the College of Commerce and Journalism residing in Florida are estimated as follows:

Tuition	\$
Registration and Student Activity Fees	42.60
Special Registration Fee	10.00
Board and Lodging in Commons and Dormitory (if paid by the semester in advance) Old dormitory	209.00
New dormitory	240.00
Laundry (about)	20.00
Books and Laboratory Fees	37.75

SPECIAL INFORMATION

GRADES AND HONOR POINTS

Marking System.—Results of work are recorded in the Registrar's office as follows: A—Exceptionally high quality, valued at three quality points for each credit; B—Good, valued at two quality points for each credit; C—Fair, valued at one quality point for each credit; D—Unsatisfactory, indicating a deficiency and giving no quality points, but giving credit for graduation; E—Failure; I—Incomplete; R—Conditional (may be given freshmen and sophomores only); X—Absent from examination with excuse approved by the instructor.

Explanations.—A student must have an average of at least C on all work offered for advanced standing. In addition, to obtain the degree applied for, he must earn at the University of Florida as many honor points as credits.

The grade E means that, in order to be credited, the work must be taken over in class.

The grade I means that some relatively small part of the term's work remains undone because of sickness or of some other reason satisfactory to the instructor. This work must be completed within two months after the student re-enters the University, if credit for the course is to be gained. The grade I is not given to a student whose work is below passing. If not removed within two months it will be changed to E.

The grade R (given to freshmen and sophomores only) denotes a condition with re-examination privileges at the next re-examination period during residence in the University. If the re-examination is not taken at this time, or is taken and not passed, the grade R will automatically be changed to E. The passing grade for graduate students is B.

RULES AND REGULATIONS

In order that each student may acquaint himself with the rules and regulations pertaining to him while connected with the institution, the *By-Laws of the University of Florida* is published in a separate volume. This booklet is issued during the registration period. Each person registering should secure a copy and become thoroughly familiar with its contents. He will be held responsible for all that is contained therein.

LECTURES BY BUSINESS EXECUTIVES

It is the policy of the College of Commerce and Journalism to invite from time to time prominent business executives both from within and without the State of Florida to address the students in business administration. In 1930, the following series of lectures under the general title of "What Business Wants From College Graduates" was delivered:

Jan. 18, 1930—"Associated Industries"—John L. Wilkes, President, Associated Industries of Florida, Jacksonville.

Feb. 11—"Real Estate"—Paul O. Meredith, Executive Secretary, Florida Association of Real Estate Boards, Orlando.

Feb. 25—"Investing"—Frank W. Brown, Vice-President, Dupont-Balt, Inc., Jacksonville.

March 18—"Public Utilities"—Joseph H. Gill, Vice-President, Florida Power and Light Company, Miami.

March 25—"Hotel Management"—Robert Kloeppe, Owner and Manager, George Washington Hotel, Jacksonville.

April 8—"Banking"—Frank W. Norris, Vice-President, Barnett National Bank, Jacksonville.

April 15—"Accountancy"—Walter Mucklow, President Emeritus, Florida Institute of Accountants, Jacksonville

April 22—"Insurance"—Percy H. Goodwin, Chairman, Executive Committee, National Association of Insurance Agents, San Diego, California.

April 29—"Marketing"—J. C. Chase, President, Chase and Company, and President, Florida Citrus Exchange.

May 13—"Retailing"—Rodney Burdine, Manager, Burdine's, Miami.

It is also the policy of the College of Commerce and Journalism to arrange for speakers who are engaged in the work of editing or publishing newspapers, to talk to the students at various times.

Among those who have been included in the program are Victor Rosewater, noted economist, and former publisher of the *Omaha Bee-News*; W. M. Glenn, publisher of the *Orlando Morning Sentinel*; D. H. Conkling, publisher of the *Palm Beach Post*; John Temple Graves, II, *Birmingham Age-Herald*; and Gilbert Leach, publisher of the *Leesburg Commercial*.

ADVISORY BOARD OF NEWSPAPER EDITORS

The Florida Press Association appoints each year an Advisory Board to act in an advisory capacity to the Department of Journalism. The members of the Board for the year, 1929-1930, are: J. C. Sellers, *Times-Union*, Jacksonville; Charles C. Carr, *St. Petersburg Times*, St. Petersburg; W. M. Glenn, *Orlando Morning Sentinel*, Orlando; Harry Brown, *Gainesville Sun*, Gainesville; Elmer J. Emig, University of Florida; H. H. Hudson, *The Star*, Titusville; J. E. Worthington, *The Highlander*, Lake Wales; and Charles G. Mullen, *The Times*, Tampa.

BUREAU OF ECONOMIC AND BUSINESS RESEARCH

The College of Commerce and Journalism maintains a Bureau of Economic and Business Research. This Bureau was established in 1930. It provides faculty members and graduate students with an opportunity to engage in specific types of research work. Its activities are coordinated with the research activities of the College as a whole.

MEMBERSHIP IN NATIONAL AND REGIONAL ASSOCIATIONS

The College of Commerce and Journalism is a member of the American Association of Collegiate Schools of Business. It was admitted in 1929. It is also a member of the Southern Economic Association.

BUREAU OF APPOINTMENTS

The College of Commerce and Journalism maintains a Bureau of Appointments. This Bureau exists for the purpose of assisting graduates in securing positions. While appointments are not guaranteed, every effort will be made to place those who make worthy records. The Bureau co-operates with the Commerce Club in making contacts with business concerns and newspapers interested in securing the services of graduates of the College.

STUDENT ORGANIZATIONS

Commerce Club.—This club was founded in 1924 by a group of students majoring in economics and business administration. Meetings are held weekly for encouraging and developing critical interest in current problems in the fields of commerce and industry, special attention being given to the economic progress of Florida. The Commerce Club has been recognized by the Debating Council of the University and has a representative on the Council. The Club competes with the various colleges on the campus for debating honors and won the freshman championship in 1925-26 and in 1930-31. There were fifty active members during the past year. All students in the College are eligible to membership.

Alpha Kappa Psi.—The Alpha Phi Chapter of Alpha Kappa Psi, a national professional commerce fraternity, was established at the University of Florida in January, 1926. Its purpose is to afford a social and professional contact among the students of business administration, and to cooperate with the faculty in furthering the interests of the College of Commerce and Journalism. The membership is made up of men whose interests are broader than the classroom, and whose personality and individual character give promise of business success. Only those students of the sophomore class or above are eligible. At present the active members number twenty-five.

Delta Sigma Pi.—The Beta Eta Chapter of the International Fraternity of Delta Sigma Pi was installed at the University of Florida in December, 1929. It is a commercial fraternity organized to foster the study of business in the universities; to encourage scholarship and the association of students for their mutual advancement by research and practice; to promote closer affiliation between the commercial world and the students of commerce; and to further a higher standard of commercial ethics and culture and the civic and the commercial welfare of the community. It is also the aim of the fraternity to promote closer social relations among the members of the College of Commerce and Journalism. In order to be eligible to membership, a student must be in the sophomore class, or above, and must have attained an average of C in scholastic work of the previous year.

Beta Gamma Sigma.—Beta Gamma Sigma is a national honorary commerce fraternity. The purposes of this fraternity are to encourage and reward scholarship and accomplishment along the lines of business activity among students and graduates of this college; to promote the advancement and spread of education in the science of business; to foster principles of honesty and integrity in business practice; and to encourage a more friendly attitude of the business public toward graduates of commercial courses. Membership is taken from among

those who rank by weighted average in the upper one-fifth of the junior and senior classes.

Sigma Delta Chi.—The Florida Chapter of Sigma Delta Chi, international professional journalism fraternity, was installed at the University on February 9, 1929. It seeks to promote the welfare and highest ideals of newspapers and magazines. The personnel bureau of the fraternity attempts to obtain positions for members and to find better positions for those already engaged in the profession. Membership in the fraternity is the highest honor to which a journalism student can attain.

DEGREES

Two undergraduate degrees are given in the College of Commerce and Journalism: *Bachelor of Science in Business Administration* and *Bachelor of Science in Journalism*.

THE CURRICULA IN BUSINESS ADMINISTRATION

The College of Commerce and Journalism offers three types of curricula leading to the degree of *Bachelor of Science in Business Administration*: First, the Curriculum in Business Administration Proper; Second, the Curriculum in Combination with Engineering; and Third, the Curriculum in Combination with Law.

THE CURRICULUM IN BUSINESS ADMINISTRATION PROPER

The Curriculum in Business Administration Proper extends over a period of four years. It contains both general courses and professional courses. The first two years are devoted wholly to required subjects largely cultural in nature and are intended to provide the student with a broad intellectual foundation. The last two years provide an opportunity for professional specialization directly in the field of business.

When the student has completed his freshman and sophomore years, he is required to elect one of the eight groups described later and strictly adhere to this group throughout his junior and senior years. These eight groups are arranged in such a way as to represent the principal fields of business and to provide the student with an arrangement of courses leading to professional specialization in the field that best fits his needs and interests. In all of these groups are certain required courses of a pervasive nature which are designed to acquaint the student with the underlying principles of business organization and management common to all types of business enterprises.

In each group there are six semester hours of approved electives in the junior year, and four semester hours in the senior year. If the student desires to do so, he may elect foreign language in the first two years and postpone Political Science 101-102 and Philosophy 201-206 to his junior and senior years. If he makes this election, his approved electives will consist of foreign language. If he does not elect foreign language, he may be permitted, *provided he shows adequate cause therefor, to elect six of the ten semester hours of approved electives in any department of the University.* The remaining four semester hours must be taken in business administration.

For students who neither elect foreign language nor avail themselves of the privilege of taking six semester hours from any department of the University,

but who desire to elect the ten semester hours for which provisions have been made from business administration, the following courses listed under each of the following groups are *suggested*:

- I. GENERAL BUSINESS: Business Administration 81, 82, 331, 332, 404E, 423, 381E, 435E, 461, 462E.
- II. ACCOUNTING: Business Administration 81, 82, 422, 429, 430E, 423, 426E, 454E.
- III. RISK-BEARING AND INSURANCE: Business Administration 81, 82, 331, 422, 404E, 423, 426E, Mathematics 208.
- IV. MARKETING: Business Administration 81, 82, 331, 332, 362, 381E, 422, 469E, 470E.
- V. BANKING AND FINANCE: Business Administration 81, 82, 331, 429E, 430E, 435E, 436, 404E, 470E.
- VI. ECONOMIC GEOGRAPHY AND FOREIGN TRADE: Business Administration 81, 82, 381E, 432, History 203-204, two years of foreign language, Political Science 303-304.
- VII. ECONOMICS: Business Administration 81, 82, 361, 385E, 362, 461, 436, 401-402, 462E.
- VIII. REALTY ADMINISTRATION: Business Administration 81, 82, 331, 422, 433, 434, 461, Sociology 102, Agricultural Economics 508.

THE CURRICULUM IN COMBINATION WITH ENGINEERING

The Curriculum in Business Administration in Combination with Engineering also extends over a period of four years. It has been arranged for students who wish to prepare for administrative and selling positions in the field of manufacturing, railway and public utility operation. The student registers directly in the College of Commerce and Journalism. Most of the courses he pursues in his freshman and sophomore years are engineering courses and are offered by the College of Engineering. The sophomore courses in engineering will not be offered until 1931-1932. There are ten semester hours of approved electives. These may be taken in business administration, in engineering, or in some other department of the University, *provided cause therefor is shown*. All electives must be approved by the Dean.

THE CURRICULUM IN COMBINATION WITH LAW

The College of Commerce and Journalism combines with the College of Law in offering a six-year program of study for students in business administration who desire ultimately to enter the College of Law. The first three years are spent directly in the College of Commerce and Journalism; the last three years are devoted to the regular course in the College of Law. When the student has satisfactorily completed the first two years of the course in the College of Law, he may offer these two years of law as a substitute for the fourth year in the College of Commerce and Journalism, and receive the degree of *Bachelor of Science in Business Administration*.

Students may postpone Political Science 101-102 and Philosophy 201 to the junior year, and elect two years of foreign language instead of the approved electives specified in the curriculum. If they do not elect foreign language, they may take three semester hours out of the eleven in any department of the University, *provided cause therefor is shown*. The remaining eight hours must be taken from courses in business administration.

THE CURRICULUM PROPER

Leading to the Degree of Bachelor of Science in Business Administration.

First Semester		Second Semester	
Names of Courses	Credits	Names of Courses	Credits
Freshman Year			
Business Administration 103	3	Business Administration 104	3
English 101	3	English 102	3
Mathematics 107	3	Mathematics 108	3
Political Science 101	3	Political Science 102	3
Business Administration 101E	3	Business Administration 102E	3
Military Science 101	2	Military Science 102	2
Physical Education 101	1	Physical Education 102	1
	18		18
Sophomore Year			
Business Administration 211	3	Business Administration 212	3
Business Administration 201E	3	Business Administration 202E	3
Philosophy 201	3	Philosophy 206	3
Laboratory Science*	5	Laboratory Science*	5
Military Science 201	2	Military Science 202	2
	16		16
I. GENERAL BUSINESS			
Junior Year			
English 355	3	English 356	3
Business Administration 321E	3	Business Administration 322	3
Business Administration 351E	3	Business Administration 302E	3
Business Administration 341	2	Business Administration 372	2
Business Administration 311	3	Business Administration 312	3
Approved Elective	3	Approved Elective	3
	17		17
Senior Year			
Business Administration 401	3	Business Administration 402	3
Business Administration 409	2	Business Administration 410	2
Speech 357	3	Business Administration 0431E	3
Business Administration 469E	3	Business Administration 454E	3
Business Administration 429E	3	Business Administration 422	3
Approved Elective	2	Approved Elective	2
	16		16
II. ACCOUNTING			
Junior Year			
English 355	3	English 356	3
Business Administration 321E	3	Business Administration 322	3
Business Administration 351E	3	Business Administration 302E	3
Business Administration 341	2	Business Administration 372	2
Business Administration 311	3	Business Administration 312	3
Approved Elective	3	Approved Elective	3
	17		17
Senior Year			
Business Administration 401	3	Business Administration 402	3
Business Administration 409	2	Business Administration 410	2
Speech 357	3	Business Administration 0431E	3
Business Administration 411	3	Business Administration 412	3
Business Administration 413	3	Business Administration 414	3
Approved Elective	2	Approved Elective	2
	16		16

*Chemistry 107-108, Physics 111, 112, 113, 114, 115, 116, or Biology 101-106.

III. RISK-BEARING AND INSURANCE

First Semester		Second Semester	
Names of Courses	Credits	Names of Courses	Credits
Junior Year			
English 355	3	English 356	3
Business Administration 321	3	Business Administration 322	3
Business Administration 351E	3	Business Administration 302E	3
Business Administration 341	2	Business Administration 372	2
Business Administration 361	3	Business Administration 362	3
Approved Elective	3	Approved Elective	3
	17		17
Senior Year			
Business Administration 401	3	Business Administration 402	3
Business Administration 409	2	Business Administration 410	2
Business Administration 469E	3	Business Administration 470E	3
Business Administration 461	3	Business Administration 462E	3
Speech 357	3	Business Administration 0431E	3
Approved Elective	2	Approved Elective	2
	16		16

IV. MARKETING

Junior Year			
English 355	3	English 356	3
Business Administration 321E	3	Business Administration 322	3
Business Administration 351E	3	Business Administration 302E	3
Business Administration 341	2	Business Administration 372	2
Business Administration 431E	3	Business Administration 432	3
Approved Elective	3	Approved Elective	3
	17		17
Senior Year			
Business Administration 401	3	Business Administration 402	3
Business Administration 409	2	Business Administration 410	2
Business Administration 435E	3	Business Administration 436	3
Business Administration 433	3	Business Administration 434	3
Speech 357	3	Business Administration 440E	3
Approved Elective	2	Approved Elective	2
	16		16

V. BANKING AND FINANCE

Junior Year			
English 355	3	English 356	3
Business Administration 321E	3	Business Administration 322	3
Business Administration 351E	3	Business Administration 302E	3
Business Administration 341	2	Business Administration 372	2
Business Administration 311	3	Business Administration 312	3
Approved Elective	2	Approved Elective	2
	16		16
Senior Year			
Business Administration 401	3	Business Administration 402	3
Business Administration 409	2	Business Administration 410	2
Business Administration 469E	3	Business Administration 412	3
Business Administration 423	3	Business Administration 426E	3
Speech 357	3	Business Administration 422	3
Approved Elective	3	Business Administration 0431E	3
	17		17

VI. ECONOMIC GEOGRAPHY AND FOREIGN TRADE

First Semester		Second Semester	
Names of Courses	Credits	Names of Courses	Credits
Junior Year			
English 355	3	English 356	3
Business Administration 321E.....	3	Business Administration 322.....	3
Business Administration 385E.....	3	Business Administration 302E.....	3
Business Administration 341.....	2	Business Administration 372.....	2
Business Administration 431E.....	3	Political Science 206	3
Approved Elective	3	Approved Elective	3
	17		17
Senior Year			
Business Administration 351E.....	3	Business Administration 402.....	3
Business Administration 409.....	2	Business Administration 410.....	2
Business Administration 401.....	3	Business Administration 440E.....	3
Speech 357	3	Business Administration 436.....	3
Business Administration 435E.....	3	Business Administration 432.....	3
Approved Elective	2	Approved Elective	2
	16		16

VII. ECONOMICS

Junior Year			
Business Administration 321E.....	3	Business Administration 322.....	3
Business Administration 351E.....	3	Business Administration 302E.....	3
Business Administration 381E.....	3	Business Administration 0431E.....	3
Business Administration 435E.....	3	Business Administration 404E.....	3
Business Administration 429E.....	3	Business Administration 430E.....	3
Approved Elective	2	Approved Elective	2
	17		17
Senior Year			
Business Administration 409.....	2	Business Administration 410.....	2
Business Administration 469E.....	3	Business Administration 470E.....	3
Business Administration 423.....	3	Business Administration 426E.....	3
Speech 357	3	Business Administration 440E.....	3
Business Administration 473E.....	3	Business Administration 454E.....	3
Approved Elective	2	Approved Elective	2
	16		16

VIII. REALTY ADMINISTRATION

Junior Year			
Architecture 101	3	Civil Engineering 0101	2
English 355	3	English 356	3
Business Administration 321E.....	3	Business Administration 322.....	3
Business Administration 351E.....	3	Business Administration 302E.....	3
Business Administration 361.....	3	Business Administration 362.....	3
Approved Elective	2	Approved Elective	3
	17		17
Senior Year			
Business Administration 401.....	3	Business Administration 402.....	3
Business Administration 409.....	2	Business Administration 410.....	2
Speech 357	3	Business Administration 0431E.....	3
Landscape Design 0306	3	Landscape Design 408	3
Business Administration 465	3	Business Administration 466.....	3
Approved Elective	2	Approved Elective	2
	16		16

THE CURRICULUM IN COMBINATION WITH ENGINEERING

Leading to the Degree of Bachelor of Science in Business Administration.

First Semester		Second Semester	
Names of Courses	Credits	Names of Courses	Credits
Freshman Year			
Drawing 101	2½	Drawing 102	1½
English 101	3	English 102	3
Mathematics 101	3	Mathematics 102	3
Physics 111, 113, 115	5	Physics 112, 114, 116	5
Descriptive Geometry 101	2	Shop 0101	1
Military Science 101	2	Surveying 0101	2
Physical Education 101	1	Military Science 102	2
		Physical Education 102	1
	18½		18½
Sophomore Year			
Electrical Engineering 201	2	Electrical Engineering 202	2
Electrical Engineering 203	1	Electrical Engineering 204	1
Mechanical Engineering 203	3	Mechanical Engineering 204	3
Mechanical Engineering 205	1	Mechanical Engineering 206	1
Business Administration 201E	3	Business Administration 202E	3
Business Administration 211	3	Business Administration 212	3
Mathematics 251	3	Machine Shop 204	1
Military Science 201	2	Military Science 202	2
	18	Approved Elective	2
			18
Junior Year			
Chemistry 107	4	Chemistry 108	4
Business Administration 321E	3	Business Administration 322	3
Business Administration 341	2	Business Administration 302E	3
English 355	3	English 356	3
Business Administration 431E	3	Business Administration 372	2
Approved Elective	2	Approved Elective	2
	17		17
Senior Year			
Business Administration 351E	3	Business Administration 402	3
Business Administration 401	3	Business Administration 410	2
Business Administration 409	2	Business Administration 454E	3
Business Administration 473E	3	Business Administration 422	3
Business Administration 411	3	Business Administration 432	3
Approved Elective	2	Approved Elective	2
	16		16

THE CURRICULUM IN COMBINATION WITH LAW

Leading to the Degree of Bachelor of Science in Business Administration.

First Semester		Second Semester	
Names of Courses	Credits	Names of Courses	Credits
Freshman Year			
Political Science 101	3	Political Science	3
English 101	3	English 102	3
Journalism 103	3	Journalism 104	3
Mathematics 107	3	Business Administration 104	3
Business Administration 101E	3	Business Administration 102E	3
Military Science 101	2	Military Science 102	2
Physical Education 101	1	Physical Education 102	1
	18		18
Sophomore Year			
Business Administration 211	3	Business Administration 212	3
Business Administration 201E	3	Business Administration 202E	3
Laboratory Science*	5	Laboratory Science*	5
Philosophy 201	3	Speech 212	3
Military Science 201	2	Military Science 202	2
	16		16
Junior Year			
Business Administration 351E	3	Business Administration 404E	3
Business Administration 429E	3	Business Administration 302E	3
Business Administration 431E	3	Business Administration 410	2
Business Administration 321E	3	Business Administration 322	3
Business Administration 409	2	Approved Electives	7
Approved Electives	4		
	18		18
*Chemistry 107-108, Physics 111, 112, 113, 114, 115, 116 or Biology 101-106.			

THE CURRICULUM IN JOURNALISM

The curriculum in journalism, extending over a period of four years, has been arranged with the primary aim of preparing students to meet successfully the exacting demands of newspaper work. Courses have been arranged in accordance with the major purpose of training students to become efficient newspaper workers.

Beginning with an introductory course in the first year, the courses in journalism are distributed throughout the four years. Provision is made for eighteen semester hours of electives in approved courses, four in the junior year, and fourteen in the senior year. *Provided adequate cause is shown therefor, a student may elect six of the eighteen semester hours of approved electives in any department of the University.*

The curriculum maintains a proper balance between the professional courses and the cultural courses necessary to provide a solid foundation for professional studies. The first two years are devoted largely to subjects of a cultural nature in order to provide the student with a deep and broad intellectual background. Considerable emphasis is given to courses in economics, political science, business administration, psychology, history, English, sociology, and Germanic and Romance languages.

In addition to the courses prescribed for the degree in journalism, the student is given an opportunity to specialize in that field of journalism in which he is

most interested; i. e., news writing, advertising, financial writing, circulation management, and newspaper ownership and management. If the student desires to specialize, he must elect at the beginning of his junior year, with the approval of the Head of the Department, the professional group which best fits his needs, and adhere to that group.

While courses in shorthand and typewriting are not required in the journalism curriculum, a working knowledge of them is very essential in newspaper work, and it is advised that students arrange their work accordingly.

SUGGESTED TYPES OF PROFESSIONAL SPECIALIZATION

- I. NEWS WRITING: English 201, 202, 203, 204, 301, 302.
- II. ADVERTISING: English 355; Business Administration 331, 301, 432; Economics 302, 431; Philosophy 206.
- III. CIRCULATION MANAGEMENT: English 355; Business Administration 211, 212, 331; Economics 302; Philosophy 206.
- IV. FINANCIAL WRITING: Business Administration 322, 422, 423; Economics 321, 424, 429.
- V. NEWSPAPER OWNERSHIP AND MANAGEMENT: Business Administration 211, 212, 322, 409, 410; Economics 302, 321.

THE CURRICULUM IN JOURNALISM

Leading to the Degree of Bachelor of Science in Journalism.

First Semester		Second Semester	
Names of Courses	Credits	Names of Courses	Credits
Freshman Year			
Journalism 103	3	Journalism 104	3
English 101	3	English 102	3
Foreign Language	3	Foreign Language	3
Mathematics 107	3	Sociology 102	3
Economics 101*	3	Economics 102*	3
Military Science 101	2	Military Science 102	2
Physical Education	1	Physical Education	1
	18		18
Sophomore Year			
Journalism 205	3	Journalism 206	3
Foreign Language**	3	Foreign Language**	3
Laboratory Science***	5	Laboratory Science***	5
Economics 201	3	Economics 202	3
Military Science 201	2	Military Science 202	2
	16		16
Junior Year			
Journalism 301	3	Journalism 302	3
Journalism 309	3	Journalism 318	3
Journalism 313	3	Philosophy 0201	3
Political Science 101	3	Political Science 102	3
Business Administration 433	3	Business Administration 434	3
Approved Elective	2	Approved Elective	2
	17		17
Senior Year			
Journalism 407	3	Journalism 404	3
Journalism 409	3	Journalism 412	3
Philosophy 305	3	Political Science 206	3
Approved Electives	7	Approved Electives	7
	16		16

* History 101-102 may be substituted for Economics 101-102.

**Continue the language begun in the freshman year.

***Chemistry 107-108; Physics 111, 112, 113, 114, 115, 116, or Biology 101-106.

DEPARTMENTS OF INSTRUCTION

Subjects with odd numbers are given in the first semester and subjects with even numbers are given in the second semester unless the number begins with 0 in which case the reverse is true.

The number of hours given is the number of hours which the class meets per week.

The number of credits is the number of semester credit hours earned by each student who receives a passing grade (A, B, C, or D) when the subject is completed. Unless specifically stated credit may be obtained for one semester of a year course.

Subjects numbered 200 or above are not open to freshmen; subjects numbered 300 or above are not open to sophomores; subjects numbered 400 or above are not open to juniors; subjects numbered 500 or above are for graduate students.

The abbreviations used are wherever possible the first and last letter of the first word of the department name. Occasionally, a third central letter is demanded to distinguish between departments where first and last letters are identical.

ARCHITECTURE

Ae. 101.—Architectural Design. 3 hours. 3 credits. WEAVER and staff.

A beginning course in architectural design and consisting of lectures and small problems in plan and elevation employing only the wall, roof, beam and pier as structural elements, with mouldings and simple belt courses as decorative elements. The orders are not introduced either as structural or decorative elements, until the second semester.

Plan and elevation are studied without reference to historic precedent. The student is encouraged to use his own judgment, without reference to books in this course; the development of initiative and the creative faculties being placed above draftsmanship and conventionality of result.

BIOLOGY

Bly. 101.—Principles of Animal Biology. 5 hours. 5 credits. ROGERS and staff.

An introduction to the subject matter and principles of zoology.

A prerequisite for all other courses, except **Bly. 105**.

Laboratory fee: \$5.

Bly. 106.—Genetics and Evolution. 3 hours. 3 credits. ROGERS.

An introduction to the study of variation, selection, and inheritance in animals. The last weeks of the course deal with some data of human heredity.

Prerequisite: **Bly. 101**.

BUSINESS ADMINISTRATION

Note 1: The courses in Business Administration are given by the Department of Economics and Business Administration, instructors in this department dividing their time between economics and business administration. The courses in economics are described under the bulletin of the College of Arts and Sciences.

Note 2: The courses in Business Administration marked "E" are the same courses as those in Economics. For example, Business Administration 101E is the same as Economics 101, or Business Administration 302E is the same as Economics 302.

Bs. 83 or 083.—Office Management. 2 lecture and 4 laboratory hours. 2 credits. SCAGLIONE.

Instruction in office organization; office function; duties of office manager; the modern secretary in relation to office operation; practical use of modern office appliances; Instruction in typing.

Laboratory fee: \$15.

Bs. 84 or 084.—Office Management. 2 lecture and 4 laboratory hours. 2 credits. SCAGLIONE.

Shorthand. Instruction in principles of practical stenography—filing—office appliances and their use.

Laboratory fee: \$5.

Bs. 101E.—Economic History of England. 3 hours. 3 credits. DYKMAN, SCAGLIONE, HURST, CHACE.

Survey and interpretation, with brief reference to France and Germany. The origin and development of economic institutions, the manor, industrial revolution, commerce, transport, labor, agriculture, finance, effects on social and political development and on development in the United States.

Bs. 102E.—Economic History of the United States. 3 hours. 3 credits. DYKMAN, SCAGLIONE, HURST, CHACE.

Interpretative survey of industrial development—consideration of the development of industry, agriculture, trade and transportation, labor, banking, finance, population—the influence of economic development on political and social development, and of foreign economic development on the United States.

Bs. 103.—Principles of Economic Geography. 3 hours. 3 credits. ATWOOD, HICKS, PUTNAM.

The adjustments to natural environment which man makes to secure a living; a world-wide survey of the distribution and characteristics of land forms, surface and ground waters, soils, minerals, climate, natural vegetation, and animal life with particular reference to the bearing of natural environment on the economic activities of man.

Bs. 104.—Principles of Economic Geography. 3 hours. 3 credits. ATWOOD, HICKS, PUTNAM.

A study of the economic resources of the world; sources and economic importance of principal commodities; types of basic industries, including processes of production, localizing factors and relative positions of various geographical territories. Special attention will be devoted to the South in general and to Florida in particular.

Bs. 201E-202E or 0202E-0201E.—Principles of Economics. 3 hours. 6 credits. No credit toward a degree will be allowed until Bs. 202 is completed. ELDRIDGE, M. D. ANDERSON, DOLBEARE, BICHAM, HICKS.

An analysis of production, distribution, and consumption. Attention is devoted to the principles governing value and market price with a brief introduction to money, banking and credit, industrial combinations, transportation and communication, labor problems, and economic reform.

Bs. 211-212 or 0212-0211.—Principles of Accounting. 2 hours and 2 laboratory hours. 6 credits. No credit toward a degree will be allowed until Bs. 212 is completed. GRAY, WARD.

Lectures, problems, and laboratory practice. An introductory study of the underlying principles of double entry records; basic types of records and reports; accounting procedure and technique; the outstanding features of partnerships and corporations; the form and content of the balance sheet and the statement of profit and loss.

Bs. 302E or 0302E.—Elements of Statistics. 3 hours. 3 credits. ANDERSON.

An introduction to statistics; brief consideration of statistical theory; collection, classification and presentation of economic data; construction of graphs and charts;

study of index numbers; problems of statistical research. Each student is required to complete one or more projects in statistical investigation.

Prerequisite: **Bs. 201E** and **202E**.

Bs. 311-312.—Advanced Accounting. 3 hours. 6 credits. No credit toward a degree will be allowed until Bs. 312 is completed. GRAY.

Lectures and problems. An advanced study in accounting theory and practice. Special types of problems involving partnerships; corporations; agencies and branches; consignments; insolvent concerns; valuation of various types of assets; analysis of financial statements; etc.

Prerequisite: **Bs. 211** and **212**.

Bs. 321E.—Financial Organization of Society. 3 hours. 3 credits. DOLBEARE.

An introduction to the field of finance. Consideration of the pecuniary organization of society, of the functions performed by financial institutions, and of the relation between finance and business administration.

Prerequisite: **Bs. 201E** and **202E**.

Bs. 322.—Financial Management. 3 hours. 3 credits. DOLBEARE, DYKMAN.

The financial manager's task in an operating business enterprise; the financial policies, methods, and practices in raising both fixed and working capital; internal organization and procedure for financial control; the financial function in business administration.

Prerequisite: **Bs. 321E**.

Bs. 331.—Principles of Salesmanship. 3 hours. 3 credits. WILSON.

Actual practice in sales methods, including preparation for and obtaining the interview; presenting the sales talk; meeting and overcoming objections; detailed study of the stages of the sale; attention, interest, desire and action; sales tactics; sales personality. Principles covered apply to all kinds of selling specialties, styles, etc.

Bs. 332.—Retail Store Management. 3 hours. 3 credits. WILSON.

Retail store problems; types of stores; executive control; purchasing; accounts; location; service; organization; management of employees and price policies.

Bs. 341.—Production Management. 2 hours. 2 credits. WILSON.

The problems involved in the construction, equipment and administration of a manufacturing enterprise. The unit of study is the factory. The subject matter is treated under four heads: the underlying principles of production, the agencies of production, the control of production operations, and the establishment of production standards.

Prerequisite: **Bs. 201E** and **202E**.

Bs. 351E or 0351E.—Transportation Principles. 3 hours. 3 credits. BIGHAM.

The development of transportation; the place of transportation in the economic order; types of transportation agencies; railway transportation; rate making; government regulation of railroads.

Prerequisite: **Bs. 201E** and **202E**.

Bs. 361.—Property Insurance. 3 hours. 3 credits. DYKMAN.

Fire and Marine. Introduction to property insurance; careful analysis of fire and marine insurance; the nature of fire and marine risks; fire and marine companies and their operations; premiums; local agents and their functions; selling fire and marine insurance.

Prerequisite: **Bs. 201E** and **202E**.

Bs. 362.—Property Insurance. 3 hours. 3 credits. DYKMAN.

Bond, Title and Casualty. Continuation of property insurance; the nature of bonding, premiums charged and companies underwriting; the principles of title and casualty insurance.

Prerequisite: **Bs. 201E** and **202E**.

Bs. 372.—Personnel Management. 2 hours. 2 credits. CHACE.

The problems of labor adjustment, and various methods of dealing with them; an examination of the functions of a personnel department, methods of supply, selection, training, promotion, and discharge of employees, and various methods of maintaining industrial good will, as works councils, profit-sharing, etc.

Prerequisite: **Bs. 201E and 202E.**

Bs. 381E.—Economic Geography of North America. 3 hours. 3 credits.

ATWOOD.

A detailed study of the principal economic activities in each of the major geographic regions of North America involving an analysis of these activities from the standpoint of their relation to the natural environmental complex.

Prerequisites: **Bs. 103 and 104 and 201E and 202E.**

Not given 1930-31.

Bs. 385E.—Commercial Geography of South America. 3 hours. 3 credits.

ATWOOD.

A geographic survey of the continent of South America organized around the growth of trade, exports and imports, trade by countries, and general business trends—the elements of the environment favoring or discouraging production and movement of commodities—and the economic conditions that influence commercial advance or decline—the major geographic regions of each country as to their importance in supplying export products and in consuming import commodities.

Prerequisite: **Bs. 103 and 104 and 201E and 202E.**

Bs. 401.—Business Law. 3 hours. 3 credits. HURST.

Contracts and agency; the formation, operation, interpretation, and discharge of binding agreements; creation of the relation of agency; types of agents; rights and obligations of the agent, principal, and third party; termination of the relationship of agency.

Bs. 402.—Advanced Business Law. 3 hours. 3 credits. HURST.

Conveyances and mortgages of real property; sales and mortgages of personal property; the law of negotiable instruments; partnership.

Bs. 404E.—Social Control of Business Enterprise. 3 hours. 3 credits.

HURST.

General survey of the field of social control; purposes of social control; formal and informal types of social control; control of accounts, prices and capitalization; government policy toward business, current government regulation; services and agencies which modern governments undertake to provide for business enterprises.

Prerequisite: **Bs. 201E and 202E.**

Bs. 409-410.—Business Policy. 2 hours. 4 credits. No credit toward a degree will be allowed until Bs. 410 is completed. MATHERLY, CHACE.

Correlation, coordination and tying together of the various specialized courses in business administration. The point of view is that of the chief executive. The forms of organization, external and internal relationships of the business, lines of authority, duties and responsibilities of functional departments, methods of determining policies, and standards of operating efficiency. Various faculty members and outside business executives assist the instructor in charge in the presentation of specific business cases and problems. Students are required to apply business principles to these cases and problems and make written reports thereon.

Bs. 411.—Cost Accounting. 3 hours. 3 credits. GRAY.

Lectures and problems. A study of the methods of collection, compilation, and interpretation of cost data for industrial enterprises; preparation of records and reports; uses of cost data in business control.

Prerequisite: **Bs. 211 and 212.**

Bs. 412.—Auditing. 3 hours. 3 credits. GRAY.

Lectures and problems. A study of auditing theory and practice, principal kinds of audits, and the solution of illustrative problems.

Prerequisite: **Bs. 311 and 312.**

Bs. 413.—Advanced Accounting. 3 hours. 3 credits. GRAY.

Lectures and problems. A continuation of Business Administration 311-312. An advanced study in accounting theory and practice.

Prerequisite: Bs. 311 and 312.

Bs. 414.—Income Tax Procedure. 3 hours. 3 credits. GRAY.

Lectures and problems. A study of the Federal Income Tax law and the related accounting problems. Exercises in the preparation of tax returns for individuals and corporations.

Prerequisite: Bs. 311 and 312.

Bs. 422.—Investments. 3 hours. 3 credits. DOLBEARE.

The various forms of investments with reference to their suitability for the different types of investors; the money market, its nature and the financial factors which influence the price movements of securities; elements of sound investment and methods of computing net earnings, amortization, rights and convertibles. The aim will be to train the student to act efficiently in a financial capacity either as a borrower or lender, as investor or trustee, or as fiscal agent of a corporation.

Prerequisite: Bs. 321E.

Bs. 423.—Banking. 3 hours. 3 credits. DOLBEARE.

The theory, organization, and practice of commercial banking; the theory and principles involved; the banking system of the United States compared with other leading countries; and a survey of banking practice as regards internal organization and operation of an individual bank.

Prerequisite: Bs. 321E.

Bs. 426E.—Banking Systems. 3 hours. 3 credits. DOLBEARE.

An analytical history of the evolution of the banking system of the United States, followed by a critical study of the banking systems of other countries, especially Canada, England, France and Germany. The aim of the course is to give the student an understanding of the functions of banking in modern economic societies.

Prerequisite: Bs. 321.

Bs. 429E.—Principles of Government Finance. 3 hours. 3 credits. ELDRIDGE.

Principles governing expenditures of modern governments; sources of revenue; public credit; principles and methods of taxation and of financial administration as revealed in the fiscal systems of leading countries.

Prerequisite: Bs. 201E and 202E.

Bs. 430E.—State and Local Taxation. 3 hours. 3 credits. ELDRIDGE.

An intensive study and evaluation of the systems of taxation found in operation in the more progressive American states; the general property tax; taxation of corporations; individual incomes; inheritances; estates; various methods of distributing state funds to the local taxing jurisdictions; valuation and assessment for tax purposes.

Prerequisite: Bs. 429E.

Bs. 431E or 0431E.—Principles of Marketing. 3 hours. 3 credits. WILSON.

A survey of the marketing structure of industrial society; fundamental functions performed in the marketing process and the various methods, agencies and factors responsible for the development and execution of these functions; marketing problems of the manufacturer, wholesaler, and different types of retailers; the marketing functions in business management.

Prerequisite: Bs. 201E and 202E.

Bs. 432.—Market Management. 3 hours. 3 credits. WILSON.

The function of marketing in the operation of business enterprise from the point of view of the sales manager and the purchasing agent. An introduction to market analysis, market research, formulation of marketing policies, choice of channels of distribution, methods of advertising and administrative control of marketing activities.

Prerequisite: Bs. 431E.

Bs. 433.—Advertising. 3 hours. 3 credits. WILSON.

A study of the history and economics of advertising. Attention is also devoted to the types of advertising and their adaptation to the various lines of business, to the

relative value of various advertising media, to the psychological principles underlying advertising, and to the administrative control of advertising expenditures.

Prerequisite: **Bs. 201E and 202E.**

Bs. 434.—Advertising Practice. 3 hours. 3 credits. WILSON.

The technique and practice of advertising. Consideration of the mechanics of advertising, types of advertising copy, theories of literary style as applied to copy writing, advertising policies, and methods of testing the effectiveness of advertising activities.

Prerequisite: **Bs. 433.**

Bs. 435E.—International Trade. 3 hours. 3 credits. ATWOOD.

World economics involving the principles and policies of international trade; the international aspects of the economic policies and activities of modern nations.

Prerequisites: **Bs. 201E and 202E.**

Bs. 436.—Foreign Trade Technique. 3 hours. 3 credits. ATWOOD.

Foreign trade as a business profession; the problems and practices involved in exporting and importing.

Prerequisite: **Bs. 201E and 202E.**

Bs. 440E.—Trade Horizons in Caribbean America. 3 hours. 3 credits.

ATWOOD.

Economic and commercial geography of Mexico, Central America, the West Indies, and the countries of South America bordering the Caribbean Sea; the historical background of the republics and islands of the Caribbean; the major geographic regions of the different countries; the economic positions of the republics and islands; the commercial importance of the various republics and islands as a market for manufactured wares and as a source of foodstuffs and raw materials.

Prerequisite: **Bs. 103 and 104.**

Bs. 454E.—Principles of Public Utility Economics. 3 hours. 3 credits.

BIGHAM.

The place of public service corporations in the economic organization of society; valuation; rate making; finance; organization and administration of public utilities.

Prerequisites: **Bs. 201E and 202E.**

Bs. 461.—Life Insurance. 3 hours. 3 credits. DYKMAN.

The functions of life insurance; the science of life insurance and the computation of premiums; types of life companies; life insurance law; the selling of life insurance.

Prerequisite: **Bs. 201E and 202E.**

Bs. 462E.—Social Insurance. 3 hours. 3 credits. DYKMAN.

The functions of social insurance; analysis of social insurance in Europe; group insurance; workmen's compensation; old age pensions; sick benefits; future of social insurance in the United States.

Prerequisite: **Bs. 201E and 202E.**

Bs. 465.—Realty Principles. 3 hours. 3 credits. CHACE.

Fundamentals of realty economics; the place of the realty business in the economic order; economic aspects of realty developments; the realty business; the functions of real estate concerns; the place of other business courses in preparing for realty administration.

Prerequisites: **Bs. 201E and 202E.**

Bs. 466.—Realty Management. 3 hours. 3 credits. CHACE.

The organization of realty enterprises; finance; accounting; advertising; salesmanship; the management of real property; the handling of rentals; the administration of real estate developments; relationship of other business courses to training in realty management.

Prerequisite: **Bs. 201E and 202E.**

Bs. 469E.—Business Forecasting. 3 hours. 3 credits. ANDERSON.

This course aims to survey the problem of the reduction of business risk by forecasting general business conditions. A study will be made of the statistical methods

used by leading commercial agencies in forecasting the volume of trade, the wholesale price level, the market rate of interest, and other generalized measures of business equilibrium.

Prerequisite: Bs. 302E.

Bs. 470E.—Business Forecasting, continued. 3 hours. 3 credits. ANDERSON.

A study of various techniques employed to forecast the production and price of specific commodities. An intensive examination of the more important contributions to this subject appearing in scientific journals during recent years will constitute the nucleus of the course.

Prerequisite: Bs. 302E.

Bs. 473E.—Labor Economics. 3 hours. 3 credits. BIGHAM.

A survey of the background, causes, history, activities, philosophies, and problems of the labor movement in the United States, with some reference to England. Trade unions, labor legislation, and collective bargaining are discussed, and also problems of labor, such as unemployment, industrial unrest, wage determination, political and social policies, etc.

Prerequisite: Bs. 201E and 202E.

GRADUATE COURSES

Bs. 504E.—Problems in Trust Regulation. 3 hours. 3 credits. HURST.

A critical study of industrial combinations.

Bs. 505E.—The Development of Economic Thought. 3 hours. 3 credits. ELDRIDGE.

The development of economic thought—careful analysis of the theories of the various schools of economic thought—study of the Physiocrats, Mercantilism, the Classical Economist, the leading economists of the Austrian School, and a brief survey of the beginnings of Socialism—the development of theoretical background for research and graduate work of an advanced nature.

Required of candidates for the degree of Master of Arts in Economics.

Bs. 506E.—The Development of Economic Thought, continued. 3 hours. 3 credits. ELDRIDGE.

Analysis of the thought of the followers and defenders on the one hand and of the abler critics on the other of the Classical Economists—appraisals of recent contributions of the various schools in formulating a system of economic analysis.

Required of candidates for the degree of Master of Arts in Economics.

Bs. 509-510.—Seminar in Business Management. 2 hours. 4 credits. MATHERLY and CHACE.

Special studies in management theory and practice.

Bs. 511-512.—Seminar in Accounting. 3 hours. 6 credits. GRAY.

Special problems and investigations will be assigned to individual students.

Bs. 522.—Problems in Investments. 3 hours. 3 credits. DOLBEARE.

Problems, investigations, and analyses in the field of investments.

Bs. 523.—Seminar in Banking. 3 hours. 3 credits. DOLBEARE.

Individual and group studies of special phases and problems of banking.

Bs. 526E.—Seminar in Banking Systems. 3 hours. 3 credits. DOLBEARE.

A special study of types of banking.

Bs. 529E-530E.—Problems in Government Finance. 3 hours. 6 credits. ELDRIDGE.

Special studies in federal, state, and local taxation.

Bs. 531-532.—Seminar in Marketing. 3 hours. 6 credits. WILSON.

Investigation of special problems in marketing.

Bs. 535E.—Seminar in International Trade. 3 hours. 3 credits. ATWOOD.

Advanced work dealing with the development of international trade.

- Bs. 536.—Seminar in Foreign Trade Technique.** 3 hours. 3 credits. **ATWOOD.**
A study of the specific problems and practices involved in exporting and importing.
- Bs. 554E.—Problems in Public Utility Economics.** 3 hours. 3 credits. **BIGHAM.**
Advanced study of public utility problems.
- Bs. 562E.—Special studies in Social Insurance.** 3 hours. 3 credits. **DYKMAN.**
- Bs. 569E-570E.—Seminar in Statistics and Business Forecasting.** 3 hours. 6 credits. **ANDERSON.**
Critical study of special problems in statistics and business forecasting.
- Bs. 573E.—Problems in Labor Economics.** 3 hours. 3 credits. **BIGHAM.**
Advanced study of special labor problems.

CHEMISTRY

- Cy. 107-108.—Elementary Descriptive Chemistry.** 3 class and 3 laboratory hours. 8 credits. No credit will be allowed toward a degree until Cy. 108 is completed. **HEATH, GOODWIN.**
A study of the elements and their compounds with a minimum of the underlying principles of chemistry. The laboratory work will be of general nature and will include no systematic qualitative analysis. This course does not fulfill prerequisite requirements for a second course in chemistry.
Laboratory fee: \$5 per semester.

ENGLISH

- Eh. 101-102.—Rhetoric and Composition.** 3 hours. 6 credits. No credit toward a degree will be allowed until Eh. 102 is completed. **ROBERTSON and Staff.**
To train students in methods of clear and forceful expression. Instruction is carried on simultaneously in formal rhetoric, and in theme writing.
- Eh. 355-356.—Business Writing.** 3 hours. 6 credits. No credit toward a degree will be allowed until Eh. 355 is completed. **MOUNTS, MORRIS.**
Rapid review of basic principles of English composition; study of stylistic qualities demanded in the best modern business writing; extensive reading, analysis, and construction of the common types of business letters and reports. No credit will be allowed until the student has attained a definite objective standard in English minimum essentials.
Prerequisite: **Eh. 101 and 102.**

JOURNALISM

- Jm. 103-104.—Introduction to Journalism.** 3 hours. 6 credits. No credit toward a degree will be allowed until Jm. 104 is completed. **EMIG, LOWRY.**
A general survey of the broad field of journalism, together with an introduction to the most vital problems with which the press, as a social institution, deals in contemporary civilization. The course is non-technical, and is designed to broaden and deepen the student's mind, and to stimulate him, by reading, and discussion, and writing to sober and sound thinking about literature, government, business, education, science, etc.
- Jm. 205.—History of American Journalism.** 3 hours. 3 credits. **EMIG.**
A study of the evolution of the newspaper with special emphasis on the relation of the press to the dominant economic, political, and social problems of the various periods in American history.

Jm. 206.—Principles of Journalism. 3 hours. 3 credits. EMIG.

Lectures, readings, and discussion on the principles of journalism. A consideration of practical problems arising out of the newspaper treatment of crime, labor, religion, politics, news suppression, propaganda, publicity, advertising, etc. A study of the principles of news writing. Intensive practice in writing news stories.

Jm. 301-302.—News Writing. 3 hours. 6 credits. No credit toward a degree will be allowed until Jm. 302 is completed. LOWRY.

Lectures, and intensive practice in news gathering and writing under conditions prevailing in a newspaper office. Students are taught by practice, followed by class discussion and frequent conferences with the instructor.

Jm. 309.—Newspaper Editing. 3 hours. 3 credits. EMIG.

Instruction in the scientific, as well as the mechanical phases of newspaper editing. Intensive practice in editing, and writing headlines, using copy from the various press associations in the class room. A detailed study of the mechanics of editing and publishing.

Jm. 311.—Sports Writing. 3 hours. 3 credits. LOWRY.

A study of the fundamental principles of news writing as applied to sports writing. Lectures, and intensive practice in gathering and writing stories of athletic events. Designed especially for those majoring in Physical Education, but open to any junior.

Jm. 313.—The Writing of Special Feature Articles. 3 hours. 3 credits. LOWRY.

Lectures and practice in preparing special feature articles for newspaper and magazine publication. Analysis of style and appeals of various types of articles.

Jm. 316.—Agriculture News Writing. 3 hours. 3 credits. LOWRY.

A course in journalistic writing as applied to agricultural subjects. It requires no previous study or experience in journalism on the part of the student. Instruction in collecting and writing agricultural news and special articles for the press.

Jm. 318.—Newspaper Management. 3 hours. 3 credits. LOWRY.

A searching study of the problems of editorial management, advertising, circulation, and business, which are encountered by editors and publishers of community weekly and small-town daily newspapers. The study considers editorial, financial, production, and mechanical management, cost-finding and accounting systems, advertising campaigns, mechanical equipment needs and costs, business policy, etc.; the organization and administration of the various departments of newspapers.

Jm. 404.—The Development of Public Opinion. 3 hours. 3 credits. EMIG.

A study of the elements and factors entering into the formation and direction of public opinion; the influence of public opinion on sound government and thinking; and the relation of the press to the various institutions of society.

Jm. 407.—Editorial Writing. 3 hours. 3 credits. EMIG.

The theory of editorial writing, and an analysis of editorial policies. Extensive reading required. Intensive writing of editorials involving an interpretation of current events and the problems which they create.

Jm. 409.—Law of the Press. 3 hours. 3 credits. HURST.

Instruction and practice in the methods of handling news of the courts; municipal and state administration; finance, bankruptcy, and politics. A study of libel, contempt of court, and other phases of the law of the press.

Jm. 412.—Contemporary Thought. 3 hours. 3 credits. EMIG.

A critical survey of literature, the sciences, and social action, designed to correlate the fragments of the student's educational experience with his knowledge of the press. Its purposes is also to prepare students for critical writing in terms of the highest literary standards, as well as sound thinking in terms of extensive knowledge. An orientation course involving intensive reading in literature, science, history, biography, economics, sociology, and political science.

GRADUATE COURSES

- Jm. 503-504.—Special Studies in Newspaper Production.** 3 hours. 6 credits. No credit toward a degree will be allowed until Jm. 504 is completed. **LOWRY.**
- Jm. 505-506.—Special Studies in Public Opinion.** 3 hours. 6 credits. No credit toward a degree will be allowed until Jm. 506 is completed. **EMIC.**

MATHEMATICS

- Ms. 101 or 0101.—College Algebra.** 3 hours. 3 credits. **SIMPSON** and staff.
An elementary treatment of the nature of mathematics and a somewhat detailed study of a few of the simpler branches of algebra.
- Ms. 102 or 0102.—Plane Analytic Geometry.** 3 hours. 3 credits. **SIMPSON** and staff.
A modern approach to the ancient science of geometry. Geometric concepts expressed in algebraic language with a study of rectilinear figures and the plane sections of a cone.
Prerequisites: **Ms. 85** and **Ms. 101.**
- Ms. 107 or 0107.—Elementary Commercial Algebra.** 3 hours. 3 credits. **SIMPSON** and Staff.
Elementary algebraic notions fundamental to the study of mathematical problems arising in business and finance.
Open only to students in the College of Commerce and Journalism and to those pursuing the Pre-Law Course.
- Ms. 108 or 0108.—Business Mathematics.** 3 hours. 3 credits. **SIMPSON** and staff.
Modern mathematical treatment of the problems of banking and business. Derivation and application of numerous formulas of importance in the financial world.
Prerequisite: **Ms. 101** or **Ms. 107.**

MILITARY SCIENCE AND TACTICS

- My. 101-102.—First Year Infantry.** 5 hours. 4 credits. **VAN FLEET** and Staff.
Freshman year, compulsory. Lectures, recitations, drills, calisthenics, and ceremonies.
- My. 201-202.—Second Year Infantry.** 5 hours. 4 credits. **VAN FLEET** and Staff.
Sophomore year, compulsory. Lectures, recitations, drills, calisthenics, and ceremonies.

PHYSICAL EDUCATION

- Pl. 101-102.—Gymnastics.** 2 hours. 1 credit. **DR. L. G. HASKELL** and Staff.
Instruction given in free exercises for general development and muscular coordination. Elementary work on apparatus, emphasizing form, approach, and execution.
- Instruction and play in tennis, football, basketball, playground ball, track and baseball.

POLITICAL SCIENCE

- Pcl. 101.—American Government and Politics.** 3 hours. 3 credits. No credit toward a degree will be allowed until credit in Pcl. 102 is earned. **LEAKE** and staff.
A study of the structure and functions of our American national, state, local, and municipal governments.

Pel. 102.—State and Municipal Government. 3 hours. 3 credits. LEAKE and Staff.

An outline of the growth of American municipalities and a study of the organs and functional mechanism of modern cities of the United States and Europe. Emphasis is laid upon the newer tendencies in municipal government, including the commission form and city manager plan.

PSYCHOLOGY

Psy. 201 or 0201.—General Psychology. 3 hours. 3 credits. HINCKLEY, WILLIAMS.

Facts and theories current in general psychological discussion, the sensations, the sense organs, the functions of the brain, the higher mental processes—attention, perception, memory, emotion, volition, the self; and like topics.

Psy. 206 or 0206.—Business Psychology. 3 hours. 3 credits. HINCKLEY.

The main facts of theoretical, experimental, and social psychology will be presented and applied to the fields of business problems; especially, advertising, selling, employment, and efficiency in work.

Prerequisite: **Psy. 201.**

SPEECH

Sch. 212.—Oratory of the Court Room. 3 hours. 3 credits. CONSTANS.

Reading and analysis of court room speeches by famous lawyers, such as Webster, Choate, Ingersoll, Borah, Littleton, and Darrow; Hicks, Famous American Jury Speeches.

Prerequisite: **Eh. 101 and 102.**

Sch. 357 or 0357.—Business Speaking. 2 hours and 1 two-hour laboratory period. 3 credits. CONSTANS.

Reading of written reports—conduction of business conferences—analysis of speech composition—delivery of original informational and argumentative talks.

Prerequisite: **Eh. 101 and 102.**

Required of seniors in the course in business administration proper.

This course can be taken only by juniors or seniors in the College of Commerce and Journalism.

OTHER DEPARTMENTS

For description of courses in Engineering see bulletin of the College of Engineering.

For description of courses in Sociology, Physics and Foreign Languages see bulletin of College of Arts and Sciences.

THE UNIVERSITY CALENDAR
1930-31*The Summer Session*

1930

June 16, Monday ..	Summer Session begins.
June 28, Saturday	Last day for filing application for degree at the end of the summer session.
July 4, Friday	Independence Day, a holiday.
July 14, Monday	Last day to make graduate applications.
July 23, Wednesday.....	Last day for submitting theses to the Graduate Committee.
August 6, Wednesday, 3:00 p.m.....	Summer Session Commencement Convocation.
August 8, Friday, 5:00 p.m.	Summer Session ends.
August 18, Monday	Farmers' Week begins.
August 31, Saturday	Last day for filing applications for fall re-examinations.

First Semester

September 11-13. Thursday to Saturday	Entrance examinations.
September 15, 16, 17. Monday thru Wednesday	Re-examinations.
September 15-19. Monday thru Friday.....	Freshman registration and orientation, including Engineering Qualifying Examination and other tests. (A special program of the routine of this week will be available by June 1, 1930.) All freshmen must be present at the University Auditorium at 11:00 o'clock a.m., Monday, September 15, or they will not be registered during that week and will be required to pay the fees for late registration.
September 18-19. Thursday and Friday.....	Registration for upperclassmen.
September 22. Monday 8:00 a.m.....	Classes meet for the first time.
September 29. Monday 8:00 a.m.....	Changes in courses—fee \$2.00.
October 6, Monday, 7:00 p.m.	Meeting of the General Faculty.
October 11, Saturday, 12:00 noon.....	Registration for classes in the first semester closes. Last day for making applications for degrees at the end of the first semester.
October 17, Friday, 5:00 p.m.....	All freshmen grades due in the office of the Registrar.
October 18, Saturday, 12:00 noon.....	Last day for dropping courses without grade. Annual Dads Day and Homecoming.

October 31, Friday, 5:00 p.m.	Last day for graduate applications.
November 8, 3:00 p.m.	Dedication for new stadium.
November 11, Tuesday	Armistice Day, a holiday.
November 21, Friday, 5:00 p.m.	Mid-semester grades are due in the office of the Registrar.
November 27, Thursday	Thanksgiving Day, a holiday.
December 19, Friday, 5:00 p.m.	Christmas Recess begins.
1931	
January 5, Monday, 8:00 a. m.	Christmas Recess ends.
January 17, Saturday, 12:00 noon	Last date for submitting theses to Graduate Committee.
January 22, Thursday, 8:00 a.m.	Final examinations for the first semester begin.
January 30, Friday, 5:00 p.m.	First semester ends.
January 31, Saturday, 12 noon	All semester grades are due in the office of the Registrar.
Saturday, 8:00 p.m.	Commencement Convocation.

Second Semester

February 2 and 3, Monday and Tuesday	Second semester begins. Registration for second semester.
February 4, Wednesday, 8:00 a.m.	Second semester classes begin. Change in courses—fee \$2.00. Late registration fee \$5.00.
February 7, Saturday, 12:00 noon	Registration for second semester closes.
February 14, Saturday, 2:00 p.m.	Meeting of the General Faculty.
February 21, Saturday, 12:00 noon	Last date for filing applications for re-examinations.
February 28, and March 7, 2-5 p.m.	Re-examinations.
February 28, Saturday, 12:00 noon	Last date for application for degrees at the end of the second semester. Last date for filing graduate applications for those entering the second semester.
March 7, Saturday, 12:00 noon	Last day for dropping a course without grade.
April 3, Friday, 5:00 p.m.	Mid-semester grades are due in the office of the Registrar.
April 8, Wednesday, 5:00 p.m.	Spring holiday begins.
April 13, Monday, 8:00 a.m.	Classes resumed.
May 1, Friday, 5:00 p.m.	Last day for submitting theses to Graduate Committee.
May 21, Thursday, 8:00 a.m.	Final examinations begin.
May 30, Saturday, 2:00 p.m.	Meeting of the General Faculty.

May 30-June 1, Saturday to Monday.....	Commencement Exercises.
May 30, Saturday	Class Day Exercises and oratorical con- tests.
May 31, Sunday, 11:00 a.m.	Baccalaureate Sermon.
June 1, Monday, 10:00 a.m.	Commencement Convocation.
June 1, Monday, 1:00 p.m.....	Annual Alumni Luncheon and Meeting.
June 1, Monday	Boys' Club Week begins.
June 15, Monday	Summer Sessions begins.
August 7, Friday	Summer Session ends.
September 21, Monday.....	Registration for 1931-32 session.

Entrance Examinations

Entrance examinations for admission to the various colleges of the University will be conducted for students whose credits do not meet the requirements.

Candidates wishing to take any of these examinations should notify the Registrar in writing, not later than September 1, January 15, June 1, or June 20.

The University Record

of the

University of Florida

Bulletin of the
College of Arts and Sciences
With Announcements for the Year
1930-31



Vol. XXV, Series 1 No. 4

June 1, 1930

*Entered in the post office in Gainesville as second class matter,
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The University Record of the University of Florida is issued once every month except June, when it is issued six times.

The Record comprises:

The Reports of the President and the Board of Control, the Bulletin of General Information, the annual announcements of the individual colleges of the University, announcements of special courses of instruction, and reports of the University Officers.

These bulletins will be sent gratuitously to all persons who apply for them. The applicant should specifically state which bulletin or what information is desired. Address

THE REGISTRAR,
University of Florida,
Gainesville, Florida.

Research Publications. Research publications will contain results of research work. Papers are published as separate monographs numbered in several series.

There is no free mailing list of these publications. Exchanges with institutions are arranged by the University Library. Correspondence concerning such exchanges should be addressed to the University Librarian, University of Florida, Gainesville, Florida. The issue and sale of all these publications is under the control of the Committee on Publications. Requests for individual copies, or for any other copies not included in institutional exchanges, should be addressed to the University Bookstore, University of Florida, Gainesville, Florida.

The Committee on University Publications.

University of Florida,
Gainesville, Florida.

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DEPARTMENT OF ENGLISH

JAMES MARION FARR, M.A., Ph.D., Head Professor.
 CHARLES ARCHIBALD ROBERTSON, M.A., Professor.
 LESTER COLLINS FARRIS, M.A., Associate Professor.
 WILBERT ALVA LITTLE, M.A., Associate Professor (part time).
 HENRY HOLLAND CALDWELL, M.A., Assistant Professor.
 JESSE LEE PETERSON, M.A., Instructor (on leave 1930-31).
 CHARLES EUGENE MOUNTS, M.A., Instructor.
 ALTON CHESTER MORRIS, M.A., Instructor.
 WILLIAM EDGAR MOORE, M.A., Instructor.
 CHARLES SELLERIER, M.A., Instructor.
 HERMAN E. SPIVEY, M.A., Instructor.
 JOSEPH EDWIN PRICE, Instructor (part time).

DEPARTMENT OF FRENCH

ERNEST GEORGE ATKIN, M.A., Ph.D., Head Professor.
 JOSEPH BRUNET, Ph.D., Assistant Professor.
 LINTON COOKE STEVENS, M.A., Instructor.
 JAMES DALLAS McDOWELL, M.A., Instructor.
 ROBERT WILLIAM HUSTON, M.A., Instructor.

DEPARTMENT OF HISTORY AND POLITICAL SCIENCE

JAMES MILLER LEAKE, Ph.D., Professor of Americanism and Southern History,
 Head Professor.
 LESLIE BENNETT TRIBOLET, Ph.D., Assistant Professor.
 ANCIL NEWTON PAYNE, M.A., Ph.D., Assistant Professor.
 JAMES DAVID GLUNT, M.A., Assistant Professor.
 ANGUS MACKENZIE LAIRD, M.A., Instructor (on leave 1930-31).
 WALLACE BARGER GOEBEL, M.A., Instructor.

DEPARTMENT OF MATHEMATICS

THOMAS MARSHALL SIMPSON, M.A., Ph.D., Head Professor.
 WILLIAM HAROLD WILSON, M.A., Ph.D., Professor.
 FRANKLIN WESLEY KOKOMOOR, M.A., Ph.D., Associate Professor.
 CECIL GLENN PHIPPS, M.A., Ph.D., Associate Professor.
 BERNARD FRANCIS DOSTAL, M.A., Assistant Professor.
 CHARLES ARTHUR MESSICK, M.A., Assistant Professor.
 JOSEPH HARRISON KUSNER, M.A., Assistant Professor (on leave 1930-31).
 ALLEN THORNTON CRAIG, M.A., Instructor (on leave 1930-31).
 SAMUEL HOUSTON HUFFMAN, M.A., Instructor.
 SAM W. McINNIS, B.A., Instructor.
 EDWARD SCHAUENBERG QUADE, B.A., Instructor.

DEPARTMENT OF PHILOSOPHY AND PSYCHOLOGY

HASSE OCTAVIUS ENWALL, S.T.B., Ph.D., Head Professor.
 ELMER DIAMOND HINCKLEY, Ph.D., Associate Professor.
 OSBORNE WILLIAMS, Ph.D., Assistant Professor.

DEPARTMENT OF PHYSICS

ROBERT C. WILLIAMSON, Ph.D., Head Professor.
 WILLIAM SANFORD PERRY, M.S., Associate Professor.
 ARTHUR AARON BLESS, M.S., Ph.D., Assistant Professor.
 , Assistant Professor.
 , Instructor.
 , Curator.

DEPARTMENT OF SOCIOLOGY

LUCIUS MOODY BRISTOL, M.A., Ph.D., Head Professor.
 WILLIAM GRAVES CARLETON, A.B., Instructor (part time).

DEPARTMENT OF SPANISH AND GERMAN

CHARLES LANGLEY CROW, M.A., Ph.D., Head Professor.
 WILLIAM BYRON HATHAWAY, M.A., Associate Professor.
 OLIVER HOWARD HAUPTMANN, M.A., Instructor.
 THOMAS JEFFERSON HIGGINS, M.A., Instructor.
 FRANCIS MARION DEGAETANI, A.B.E., Instructor.

DEPARTMENT OF SPEECH

HENRY PHILIP CONSTANS, M.A., Associate Professor.
 Assistant Professor.

GENERAL INFORMATION

AIMS

Until about 1850 the classical course, leading to the Bachelor of Arts (A.B.) Degree, was practically the only type of college course offered in the United States. Since that time there has been rapid expansion in American universities. Courses have been devised to meet almost every conceivable need. The College of Arts and Sciences remains, however, as the nucleus which unifies the whole. The objectives attained by the College of Arts and Sciences are varied. In the main, we may say that the primary purpose of the College of Arts and Sciences is to interpret that vast body of experience which has grown to its present vigor and stature through all the centuries of civilization, based on the theory that the younger generation can know the richness and fullness of life only by learning that which has been of sufficient worth to survive the selective processes of time. Coincidentally with the attainment of this primary purpose, the College of Arts and Sciences stands for breadth of training and depth of development. The value of such training is so clearly recognized by those who are successful in many professions that it is a prerequisite of those who wish to enter upon their professional studies.

Quoting Dean Anderson of the Graduate College, formerly Dean of the College of Arts and Sciences, "The purpose and aim of the College of Arts and Sciences is to impart culture and refinement, to train the mind and strengthen the intellect, to build up ideals and establish character, to enlarge the vision, to ennoble the thoughts, to increase the appreciation of the beautiful and the true, to add charm to life and piquancy to companionship, to make the man a decent fellow, a useful citizen, an influential member of society in whatever community he may be thrown, in whatever field his life course may be run."

BUILDINGS

Most of the work of the College of Arts and Sciences is carried on in Language Hall, Peabody Hall, Science Hall, Chemistry Building, and Benton Engineering Building. The departments are well equipped for the conduct of their work. Class rooms are provided with blackboards and other facilities essential to the needs of instruction. Laboratories with abundant material are provided for those departments using the laboratory type of instruction.

The University Library is equipped to meet the needs and demands of students insofar as possible. Aside from books and files of bound periodicals, current issues of about five hundred general and technical periodicals and many daily and weekly papers are received. The Library staff strives to encourage students in their reading and study and to assist them in obtaining the material they desire. Bibliographies are prepared, references are found and help is given in the use of the catalog. An instructive lecture on the use of the Library is given to the freshmen during freshman week. Students in the College of Arts and Sciences are expected to make good use of the library.

The Department of Biology is provided with laboratories in Science Hall and with a field station on Newnan's Lake, six miles east of the campus. The labora-

tories are equipped with individual microscopes and other essential apparatus for each student in each course offered. In addition, there is considerable equipment of special apparatus for the use of the instructional staff and advanced students. The Biological Station is maintained for field work on the animals and plants of the region. The area about the station provides virgin, or nearly virgin, conditions of land and fresh-water life. Equipment for class and research work is provided.

Botanical and Bacteriological laboratories are located in Science Hall. They are well equipped for undergraduate work and to some degree for research work. Studies of the plants of this region can be carried on at the Greenhouse and at the Biological Station on Newnan's Lake.

Students taking chemistry have access to the well-equipped chemical laboratories maintained by the College of Pharmacy.

The laboratories of the Department of Physics include a main laboratory, an electrical laboratory, an optical room, a workshop, and an apparatus room. These laboratories are equipped to meet the needs of undergraduate work in physics as usually given in American colleges.

The Department of Philosophy and Psychology is provided with a laboratory in which mental and physical tests can be conducted, and with equipment with which class demonstrations, experiments, and research can be carried on.

FEEES

For information regarding fees and expenses the reader is referred to pages 36 to 40, inclusive, of the Bulletin of General Information. There are no special fees assessed for study in the College of Arts and Sciences other than fees for laboratory subjects as shown in the section entitled "Departments of Instruction," pages 22 to 51, inclusive, in this bulletin.

SCHOLARSHIPS

There are a number of scholarships available to students in the College of Arts and Sciences. For information concerning these see the Bulletin of General Information, or write to the Dean of Students, University of Florida, Gainesville, Florida.

SPECIAL STUDENTS

The College of Arts and Sciences strongly discourages registration of students as "Specials." It is felt that every student in the College of Arts and Sciences ought to regularize himself if it is at all possible.

THE GRADING SYSTEM

Grades are recorded by means of letters.

Grade A indicates work of exceptionally high quality.

Grade B indicates work considerably above the average, but not of sufficiently high quality to justify a grade of A.

Grade C indicates work of average quality.

Grade D indicates work below the average in quality but sufficiently good to merit credit in the course.

Grade E denotes unconditional failure in the course.

Grade I denotes work of passing quality but insufficient quantity.

Grade R denotes conditional failure and may be converted into a grade of D provided the student passes a re-examination with a grade at least as high as C. The grade R is given to freshmen and sophomores only. Juniors and seniors are not entitled to a grade of R or to the re-examination privilege.

Grade X denotes that the student was absent from the final examination, the reason for the absence meeting with the approval of the instructor in charge of the course.

HONOR POINTS

In order to give recognition to work of high quality, honor points are distributed as follows:

3 honor points are given for every semester credit hour which the student passes with a grade of A.

2 honor points are given to the student for every semester credit hour which he passes with a grade of B.

1 honor point is given to the student for every semester credit hour which he passes with a grade of C.

No honor points are given for other grades.

Students desiring to earn degrees are required to do work of such quality that the total number of honor points which they have earned in all of their courses will equal the total number of semester credit hours required for the degree.

HONORS

In recognition of meritorious work, an honor roll is published at the end of each semester containing the names of all students who have earned an honor point average of 2.3 or more per semester credit hour for the semester. Students earning an honor point average of 2 or more but less than 2.3 per semester credit hour for the semester are given honorable mention. Students earning sufficiently high honor point averages are granted special privileges.

To those who do work of sufficiently good quality throughout a four-year course membership in Phi Kappa Phi, national honor society, comes as a mark of special distinction.

MAXIMUM AND MINIMUM REGISTRATION

Every student must undertake to earn at least 14 semester credit hours each semester. If at any time during the semester the amount of work for which he is registered falls below 14 hours, he will be dropped from the University. On the other hand, the student will not be allowed to undertake to earn more than 19 hours of credit unless his honor point average is 2.5 or above. Students making the honor point average of 2.5 or above may undertake to earn as much as 20 semester credit hours in the semester following that in which they earned the 2.5 honor point average. A student earning an honor point average of 3, that is, earning no grade other than A in any one semester, may undertake to earn as much as 21 semester credit hours in the following semester.

CORRESPONDENCE STUDY

No student registered in the College of Arts and Sciences will be allowed to do any correspondence study while in residence at the University. This applies to the completion of correspondence study already begun as well as to the taking up of new correspondence work.

RULES AND REGULATIONS

The rules and regulations of the University are published in a separate bulletin entitled "By-laws of the University of Florida," and copies are distributed to all who register at the University. Each student is held responsible for the observance of the rules and regulations of the University insofar as they affect him.⁴

SOCIETIES

Farr Literary Society is the oldest society on the campus. Its meetings are held weekly and are open to all students of the College of Arts and Sciences. Every student is given an opportunity to train himself in oratory and debate, to get acquainted with those who are interested in these fields of activity, and to discuss problems of interest to all students in the College.

Leigh Chemical Society is organized by and for the students of the department of Chemistry, from all Colleges, for the purpose of stimulating the interest of beginners and giving a view of the importance of the industry. It meets monthly, with programs aided by faculty members and advanced students.

ARTS AND SCIENCES IN THE SUMMER SESSION

The College of Arts and Sciences offers a large number of courses in the regular summer session of the University of Florida. For information concerning these courses see the bulletin describing the University Summer Session. This bulletin can be obtained from the office of the Director of the Summer Session, University of Florida, Gainesville, Florida.

ADMISSION AND DEGREE REQUIREMENTS

DESCRIPTION OF CURRICULA

The College of Arts and Sciences offers six essentially different curricula. The following summaries will give the student some idea of the type of work done in each of these six courses of study.

The course of study leading to the Bachelor of Arts (A.B.) degree.—This is a four-year course in which the humanities and social sciences are emphasized. The study of foreign language is given some prominence, both ancient and modern languages being offered. College English, foreign language, history, and mathematics are required of every student electing this course, and to insure some understanding of scientific fact and method, every student is required to study a basic year-course in one of the natural sciences, in addition to which he may elect a limited amount of additional work in natural science if he so desires.

The course of study leading to the Bachelor of Science (B.S.) degree.—Students who are interested primarily in the sciences may hope to gain a thorough introduction to the natural sciences and a working grasp of scientific method by pursuing this four-year curriculum. Each student must select one science in which he is expected to gain a mastery. A limited amount of foreign language study is required in order that the student may have a reading knowledge of scientific writings from other countries. The candidate for the B.S. degree is also expected to acquire breadth of viewpoint and training by devoting some time to the study of mathematics, English, and kindred subjects.

The Combined Academic and Law Course.—Many students intending to study law desire the thorough training offered by one of the foregoing courses. This has been made possible by granting the substitution of a fixed amount of law credit for free electives in either the A.B. course or the B.S. course. Under this arrangement the student may earn one of the above degrees, together with a degree in law, by three years of intensive study in the College of Arts and Sciences, followed by three years of study in the College of Law. The Bachelor's degree in Arts and Sciences will be conferred only after the candidate has satisfactorily completed the second year of law. Attention should be called to the fact that one of the requirements for the degree of Juris Doctor is that the candidate possess the Bachelor of Arts degree or its equivalent.

The Pre-Law Course.—Two years of college work are required as a prerequisite to the study of law and in order to provide the most suitable two-year course with which to fulfill this requirement the faculty of the College of Arts and Sciences adopted the pre-law curriculum. This curriculum was accepted, however, only after careful study of the entrance requirements and recommendations of the law schools of the United States, the committee making the study having the Dean of the College of Law of the University of Florida as its chairman. The prescribed courses have been reduced to a minimum consistent with a good foundation for the study of law, thus insuring the student a wide range of electives from which he may select courses that will meet his own interests and needs.

The Pre-Medical Course.—A two-year pre-medical course is offered to meet the requirements of some medical schools. Students wishing to attend medical schools requiring more than two years of pre-medical training can meet the requirement

by taking the two-year pre-medical course here described, following which they can be registered as B.S. students. Emphasis is placed on a good foundation in biology and physics, while special emphasis is given to the study of chemistry.

Pre-Dental Course.—For most students this course is identical with the first year of the Pre-Medical Course. The student should correspond with the dean of the dental college which he wishes to enter, however, in order that he may know the exact requirements for entrance to that college. Every legitimate effort will be made to meet these requirements within one academic year, unless the dental college specifies a longer period of pre-dental training.

ADMISSION

For information relative to admission to, and registration in, the College of Arts and Sciences, the reader is referred to the University Record of the University of Florida, General Information for the Year 1930-31, pages 26, 27, 28. For the sake of clearness and emphasis, however, the specified entrance units which are required of students entering given curricula are listed below for the courses offered by the College of Arts and Sciences. To be admitted to the College, the candidate should present seven, and cannot present less than six, units of acceptable electives in addition to the nine prescribed units.

For admission to the course leading to the degree of Bachelor of Arts (A.B.), or to the combined Academic and Law Course, or to the Pre-Law Course.—The nine required entrance units for these courses are three in English, one in algebra, one in plane geometry, one in history, one in science, and two in Latin. However, if a candidate does not present two units in Latin but presents at least two units in some foreign language other than Latin, he will be admitted to the course on the condition that he take up the study of Latin upon entering the University and that he continue the study of Latin until he has earned credit for two years of it. Credit for Latin studied in the University will apply toward the degree.

For admission to the course leading to the degree of Bachelor of Science (B.S.), or to the Pre-Medical Course, or to the Pre-Dental Course.—The nine required entrance units for these courses are three in English, one in algebra, one in plane geometry, one in history, one in science, and two in a foreign language. However, candidates presenting two units in history together with two units in science, or three units in history together with one unit in science, or one unit in history together with three units in science, need not present any foreign language for admission. *One unit in a foreign language is not acceptable.*

Recommendation.—All candidates are advised to present one-half unit in trigonometry. Candidates for the Pre-Medical and Pre-Dental Courses are advised to present one unit in physics.

REQUIREMENTS OF THE DIFFERENT CURRICULA

Groups.—For convenience in describing the requirements of the various curricula the subjects of study offered by the College of Arts and Sciences are divided into four groups as follows:

I.	II.	III.	IV.
Military Science	French	Bible	Astronomy
Physical Education	German	Economics	Bacteriology
	Greek	Education	Biology
	Latin	English Language	Botany
	Spanish	and Literature	Chemistry
		History	Geology
		Philosophy	Mathematics
		Political Science	Meteorology
		Psychology	Physics
		Sociology	Physiology
			Zoology

In all that follows these groups will be referred to by number.

Major.—Every student fulfilling the requirements for the degree Bachelor of Arts (A.B.) or for the degree Bachelor of Science (B.S.) is required to earn a "major." The word "major" in this connection means the successful completion of at least 18 semester credit hours of work over and above a foundation course in some one department of the College of Arts and Sciences. The "major" must meet the approval of the head of the department in which it is earned, and subjects to be counted for the "major" must be approved by him and by the Dean of the college. The Dean expects every junior and senior to secure approval of his proposed schedule of subjects from the head of the "major" department at the registration period of each semester.

Electives.—In the freshman and sophomore years of the courses offered by the College of Arts and Sciences certain subjects are prescribed for the purpose of securing substantial foundation training. Beginning in the sophomore year and throughout the junior and senior years, the student is allowed to choose from a wide range of subjects. Subjects so chosen are called "electives." It is important to note that the electives must meet with the approval of the Dean.

REQUIREMENTS OF THE COURSE LEADING TO THE DEGREE BACHELOR OF ARTS

The work of the freshman and sophomore years in the course leading to the degree Bachelor of Arts (A.B.) is largely prescribed and the subjects of study in these years are shown in the following table:

Freshman Year			
First Semester		Second Semester	
Names of Courses	Credits	Names of Courses	Credits
English 101	3	English 102	3
English 103	2	English 104	2
Foreign Language	3	Foreign Language	3
History 101	3	History 102	3
Mathematics 101	3	Mathematics 102	3
Military Science 103	2	Military Science 104	2
Physical Education 101	1	Physical Education 102	1
	—		—
	17		17

Sophomore Year

First Semester		Second Semester	
Names of Courses	Credits	Names of Courses	Credits
Either Biology 101		Either Biology 101 or 0201	
Or Chemistry 101		Or Chemistry 102	
Or Physics 105 and 107		Or Physics 106 and 108	
Or Physics 111, 113 and 115	5	Or Physics 112, 114 and 116	
Group II	3	Or Biology 106	5 or 3
Group III	3	Group II	3
Group II or III or IV	3	Group III	3
Military Science 203	2	Group II or III or IV	3
		Military Science 204	2
	16		16 or 14

In case the selection of subjects in the second semester of the sophomore year, as indicated in the table, leads to a 14 credit hour total, the student is expected to register for an additional subject in that semester.

Greek 21 and 22 may be substituted for History 101 and 102 in the freshman year; History 101 and 102 must then be taken in the sophomore year.

Every freshman is required to take a placement examination in English during Freshman Week. If he passes this examination he will be admitted to English 101. If he fails the placement examination he must register for and pass English 21 before he will be admitted to English 101. No credit is given for English 21.

Trigonometry (Mathematics 85) is a prerequisite for admission to Mathematics 101. Students entering this curriculum without entrance credit in trigonometry will be registered for Mathematics 85 and Mathematics 101 will be deferred. College credit in trigonometry counts toward the degree.

The minimum numbers of semester credit hours which the student must earn in the different groups in order to be a candidate for the degree Bachelor of Arts are shown in the following outline:

In Group I

Military Science (see freshman year)	4
Physical Education 101 and 102 (see freshman year)	2
Military Science (see sophomore year)	4
Total in Group I	10

Students exempt from Military Science, or from Physical Education, or from both, for any reason whatever must, in order to receive a degree, earn an equal number of semester credit hours in some other group or groups. Choice of these subjects must in all cases be approved by the Dean.

In Group II

Twenty-four (24) semester credit hours of which 12 must be in subject-numbered as high as 100. University credit for a single year in any foreign language will be counted toward the fulfillment of this requirement but the student is advised to continue the study of the language for at least two years.

In Group III

English 101 and 102 (see freshman year).....	6
English 103 and 104 (see freshman year).....	4
History 101 and 102 (see freshman year).....	6
Electives from Group III.....	20
	—
Total in Group III.....	36

In Group IV

Mathematics 101 and 102 (see freshman year).....	6
Biology 101 and 104, or Biology 101 and 0201, or	
Chemistry 101 and 102, or	
Physics 105, 106, 107, and 108, or	
Physics 111, 112, 113, 114, 115, and 116 (see sophomore year).....	10
Electives from Group IV.....	8
	—
Total in Group IV.....	24

The student may substitute Biology 106 for Biology 104 in which case he will earn 8 semester credit hours for the year instead of 10; he must then earn 10 semester credit hours in electives in this group. A student who is required to study trigonometry in the University may count the credit earned as part of the 24 credit hour total required in this group; he will then need to earn at least 5 semester credit hours of electives in the group instead of 8 as shown above.

IN GROUPS II AND III AND (PURE) MATHEMATICS

A total of 24 semester credit hours over and above those already listed under Group II, Group III, and Group IV must be earned. The student is free to choose the studies in which these credits are to be earned, subject only to the restriction that they must be from Groups II and III and (pure) Mathematics and that they must meet the approval of the Dean.

TOTAL

In addition to the above the student must earn enough credit to make a total of not less than 134 semester credit hours acceptable to the faculty of the College of Arts and Sciences. These additional credits may be selected from any one or more of the four groups subject only to the approval of the Dean.

MAJOR

Included in the work of Group II, or Group III, or (pure) Mathematics, the student must complete a "major."

RESIDENCE

At least the last 30 semester credit hours must be earned in residence at this University.

REQUIREMENTS OF THE COURSE LEADING TO THE DEGREE BACHELOR OF SCIENCE

The work of the freshman and sophomore years in the course leading to the degree Bachelor of Science (B.S.) is largely prescribed and the subjects of study in these years are shown in the following table;

Freshman Year

First Semester		Second Semester	
Names of Courses	Credits	Names of Courses	Credits
Chemistry 101	5	Chemistry 102	5
English 101	3	English 102	3
Foreign Language	3	Foreign Language	3
Mathematics 101	3	Mathematics 102	3
Military Science 101	2	Military Science 102	2
Physical Education 101	1	Physical Education 102	1
—		—	
17		17	

Sophomore Year

First Semester		Second Semester	
Names of Courses	Credits	Names of Courses	Credits
Either Biology 101, or Physics 105 and 107, or Physics 111, 113 and 115.....	5	Either Biology 104 or 0201, or Physics 106 and 108, or Physics 112, 114, and 116, or Biology 106	5 or 3
Group II	3	Group II	3
Group III	3	Group III	3
Group II, III, or IV.....	3	Group II, III, or IV.....	3
Military Science 201	2	Military Science 202	2
—		—	
16		16 or 14	

In case the selection of subjects in the second semester of the sophomore year, as indicated in the table, leads to a 14 credit hour total, the student is expected to register for an additional subject in that semester.

If the student prefers to take biology or physics in his freshman year he may do so, provided he obtains the consent of the dean and of the head of the department offering the course he wishes to take. The course in Chemistry must then be taken in the sophomore year.

It will be noted that the student will have taken foundation courses in two of the three fields, biology, chemistry and physics, in the freshman and sophomore years. The foundation course in the third of these fields must be taken in the junior year.

Every freshman is required to take a placement examination in English during Freshman Week. If he passes this examination he will be admitted to English 101. If he fails the placement examination he must register for and pass English 21 before he will be admitted to English 101. No credit is given for English 21.

Trigonometry (Mathematics 85) is a prerequisite for admission to Mathematics 101. Students entering this curriculum without entrance credit in trigonometry will be registered for Mathematics 85 and Mathematics 101 will be deferred. College credit in trigonometry counts toward the degree.

The minimum numbers of semester credit hours which the student must earn in the different groups in order to be a candidate for the degree of Bachelor of Science are shown in the following outline:

In Group I

Military Science (see freshman year)	4
Physical Education 101 and 102 (see freshman year)	2
Military Science (see sophomore year)	4
—	
Total in Group I.....	10

Students exempt from Military Science, or from Physical Education, or from both, for any reason whatever must, in order to receive a degree, earn an equal

number of semester credit hours in some other group or groups. Choice of these subjects must in all cases be approved by the dean.

In Group II

Eighteen (18) semester credit hours of which 6 must be in a subject numbered as high as 100. University credit for a single year in any foreign language will be counted toward the fulfillment of this requirement but the student is advised to continue the study of the language for at least two years.

In Group III

English 101 and 102 (see freshman year).....	6
Electives from Group III	24
	—
Total in Group III	30

In Group IV

Mathematics 101 and 102 (see freshman year).....	6
Biology 101 and 104, or Biology 101 and 0201.....	10
Chemistry 101 and 102	10
Physics 105, 106, 107, and 108, or	
Physics 111, 112, 113, 114, 115, and 116 (see sophomore year).....	10
Electives from Group IV	18
	—
Total in Group IV	54

Biology 106 may be substituted for Biology 104. However the credit for Biology 101 and 106 is 8 semester credit hours instead of 10 and in case this substitution is made the electives from Group IV must total at least 20 semester credit hours.

A student who is required to study trigonometry in the University may count the credit earned as part of the 54 semester credit hour total required in this group; the number of semester credit hours which he will then have to earn in elective subjects in this group will be reduced by three.

TOTAL

In addition to the above the student must earn enough credit to make a total of not less than 134 semester credit hours acceptable to the faculty of the College of Arts and Sciences. These additional credits may be selected from any one or more of the four groups subject only to the approval of the Dean.

MAJOR

Included in the work of Group IV the student must complete a "major."

RESIDENCE

At least the last 30 semester credit hours must be earned in residence at this University.

REQUIREMENTS OF THE COMBINED ACADEMIC AND LAW COURSE

In order to earn the degree Bachelor of Arts, or the degree Bachelor of Science, in the combined academic and law course, the student must fulfill all requirements of the course leading to the degree for which he is working, counting not more than 24 semester credit hours of law as free electives in the College of Arts and Sciences. The degree in the College of Arts and Sciences will not be conferred until the student has satisfactorily completed two years of study in the College of Law.

During the semester, and preferably during the year, in which he expects to receive the degree Bachelor of Arts or the degree Bachelor of Science the student

must be registered in the College of Arts and Sciences as well as in the College of Law, although his studies may be confined to the College of Law.

REQUIREMENTS OF THE PRE-LAW COURSE

Before a student can be admitted to the College of Law he must earn creditable passing grades in at least 68 semester credit hours of college work leading toward a degree. He can do this in two academic years by averaging 17 semester credit hours with good grades each semester. Consequently, the Pre-Law Curriculum was designed as a two-year course. Those who find at the end of the second year that they need further pre-law training can continue in the course leading to the degree Bachelor of Arts without loss of credit.

The Pre-Law Course is fully described in the following outline:

First Year		
Names of Courses	Credits	
	First Semester	Second Semester
Prescribed:		
English 101 and 102	3	3
Foreign Language:		
If the student offers two or more units of Latin for entrance to the University, he may elect any course in foreign language for which he is prepared; if, however, the student does not offer two units of Latin for entrance, the course in foreign language must be Latin 21 and 22		
	3	3
Mathematics:		
Students who present only algebra and geometry for entrance must take		
Mathematics 85 followed by Mathematics 101, or		
Mathematics 85 followed by Surveying 0101, or		
Mathematics 107 followed by Mathematics 108.		
Students who present algebra, geometry, and trigonometry for entrance will take		
Mathematics 101 followed by Mathematics 102, or		
Mathematics 101 followed by Mathematics 108, or		
Mathematics 101 followed by Surveying 0101.....	3	3 or 2
Military Science 101 and 102, or 103 and 104.....	2	2
Physical Education 101 and 102	1	1

In addition to the prescribed courses listed above, the student must select from the following courses, the total not to exceed nineteen (19) credits per semester:

Economics 101 and 102	3	3
English 103 and 104	2	2
History 101 and 102	3	3
Political Science 101 and 102	3	3
Sociology 111 and 112, or Sociology 102	2 or 0	2 or 3

Students entering the Pre-law course with the hope of being able to continue their pre-law studies beyond the second year will do well to note that Mathematics 101 and Math-

ematics 102 are required of every candidate for either the degree Bachelor of Arts or the degree Bachelor of Science and that English 103 and 104 and History 101 and 102 are required of every candidate for the degree Bachelor of Arts.

Second Year

Names of Courses	Credits	
	First Semester	Second Semester
Prescribed:		
Economics 201 and 202	3	3
Foreign Language:		
If, in his first year at the University of Florida, the student earned passing grades in both semesters of a foreign language course numbered as high as 101 and 102, he may, at his request, be excused from foreign language in the second year of this curriculum	3	3
Military Science 201 and 202, or 203 and 204.....	2	2
Speech 201	3	0
Psychology 0201	0	3
In addition to the prescribed courses listed above, the student must select from the following courses, the total to satisfy the rule regarding maximum and minimum registration:		
Bible 208	0	3
Business Administration 211 and 212	3	3
English 201 and 202	3	3
History 101 and 102 for those not electing or not passing it in the first year	3	3
History 301 and 302, or History 303 and 304, or History 305 and 306 for those passing History 101 and 102 in the first year.....	3	3
Laboratory Science:		
Biology 101 and 104, or Biology 101 and 106, or Chemistry 101 and 102, or Physics 105, 106, 107, and 108, or Physics 111, 112, 113, 114, 115, and 116	5	5 or 3
Mathematics	3 or 0	3 or 0
Philosophy 205 (logic)	3	0
Philosophy 301 (ethics)	3	0
Political Science	3	3
Speech 212	0	3

REQUIREMENTS OF THE PRE-MEDICAL COURSE

The two-year Pre-Medical Course is fully described in the outline which follows. Students desiring pre-medical training beyond this course can continue in the course leading to the degree Bachelor of Science.

First Year

First Semester		Second Semester	
Names of Courses	Credits	Names of Courses	Credits
Biology 101	5	Biology 104	5
Chemistry 101	5	Chemistry 102	5
English 101	3	English 102	3
Foreign Language	3	Foreign Language	3
Military Science 101	2	Military Science 102	2
Physical Education 101	1	Physical Education 102	1
	—		—
	19		19

Second Year

First Semester		Second Semester	
Names of Courses	Credits	Names of Courses	Credits
Chemistry 203	4	Chemistry 262	5
Physics 105 and 107, or Physics 111, 113 and 115	5	Physics 105 and 108, or Physics 112, 114 and 116	5
Elective	3	Elective	3
Elective	3	Elective	3
Military Science 201	2	Military Science 202	2
	—		—
	17		18

REQUIREMENTS OF THE PRE-DENTAL COURSE

In general this course is a one-year course the requirements of which are identical with the first year of the Pre-Medical Course. Students desiring pre-dental training should correspond with the dental college of their choice several weeks before coming to this University. Insofar as possible the Pre-Dental Course will be modified to meet the needs of the individual.

DEPARTMENTS OF INSTRUCTION

Subjects with odd numbers are given in the first semester and subjects with even numbers are given in the second semester unless the number begins with 0 in which case the reverse is true.

The number of hours given is the number of hours which the class meets per week.

The number of credits is the number of semester credit hours earned by each student who receives a passing grade (A, B, C, or D) when the subject is completed. Unless specifically stated, credit will be allowed for one semester of a year course.

Subjects numbered 200 or above are not open to freshmen; subjects numbered 300 or above are not open to sophomores; subjects numbered 400 or above are not open to juniors; subjects numbered 500 or above are for graduate students.

The abbreviations used are wherever possible the first and last letter of the first word of the department name. Occasionally, a third central letter is demanded to distinguish between departments where first and last letters are identical.

BIBLE

NOTE: The following courses embrace such aspects of Biblical study as the University is prepared to give, with a view to providing a major subject in the Bachelor of Arts Curriculum that will permit students to begin preparation for work as secretary or physical director of the Y. M. C. A., for welfare work in mills or social settlements, or for the ministry. The courses offered will be conducted by the instructors in the departments under which the various aspects of the subject naturally fall, and will be given in a spirit free from sectarianism.

Be 101-102.—Old Testament History. 3 hours. 6 credits. BUCHHOLZ.

Be 203-204.—New Testament History. 3 hours. 6 credits. BUCHHOLZ.

Lectures, Bible readings, textbook.

Be 205.—Old and New Testament Greek. 3 hours. 3 credits. ANDERSON.
See Greek 203.

Be 208.—Outstanding Characters of the Old Testament. 3 hours. 3 credits. BUCHHOLZ.

Be 301.—The English Bible as Literature. Hours and credits to be arranged. FARR.

Literary types found in the Bible and the excellence of the work as compared with other great examples of literature.

Be 305-306.—The Bible as an Ethical and Religious Guide. 3 hours. 6 credits. BUCHHOLZ.

Lectures, Bible readings, studies of great sermons, text-books on evidences of Christianity.

Be 307-308.—The History of the Christian Church. 3 hours. 6 credits. BUCHHOLZ.

Be 309.—The Psychology of Jesus. 3 hours. 3 credits. BUCHHOLZ.
Jesus, the Man.

Be 310.—The Pedagogy of Jesus. 3 hours. 3 credits. BUCHHOLZ.
Jesus, the Master Teacher.

BIOLOGY

Bly. 101.—Principles of Animal Biology. 2 hours and 4 hours laboratory and 1 hour quiz. 5 credits. HUBBELL and staff.

An introduction to the subject matter and principles of zoology.

Laboratory fee: \$5.

A prerequisite for all other courses in this department except Bly. 0105. Required of first year pre-medical, physical education and agricultural students and of all B.S. students.

Bly. 104.—Comparative Vertebrate Anatomy. 2 hours and 4 hours laboratory and 1 hour quiz. 5 credits. SHERMAN.

A comparative study of the main classes of vertebrates.

Prerequisite: **Bly. 101.**

Laboratory fee: \$5.

Required of first year pre-medical students.

Bly. 0105.—Elementary Anatomy and Physiology. 2 hours. 2 credits. Not open to students in the College of Arts and Sciences. SHERMAN.

The elements of vertebrate anatomy with an introduction to the physiological systems of man.

Laboratory fee: \$2.

Open to Pharmacy students only.

Bly. 106.—Organic Evolution. 3 hours. 3 credits. HUBBELL.

An examination of the data upon which the concept of organic evolution is based, the status of evolution as a principle of biology, the theories to account for the mechanism of evolution and a review of the history of the evolution idea in biology.

Prerequisite: **Bly. 101.**

May be used together with Bly. 101 to fulfill a minimum requirement of 8 credits in biology in Group IV of the Arts and Sciences Curricula.

Bly. 108.—Mammalian Anatomy and Physiology. 2 hours and 6 hours laboratory. 5 credits. SHERMAN.

An introduction to the structure and functioning of the mammalian body with special reference to man. Individual dissection of the cat is accompanied by lectures on the human body and physiological demonstrations.

Prerequisite: **Bly. 101.**

Laboratory fee: \$5.

Required of first year students in physical education.

Bly. 0201.—Invertebrate Zoology. 3 hours and 4 hours laboratory. 5 credits. BYERS.

The comparative morphology, phylogeny, and natural history of invertebrates, exclusive of the insects.

Prerequisite: **Bly. 101.**

Laboratory fee: \$5.

Bly. 0202.—Entomology. 3 hours and 4 hours laboratory. 5 credits. HUBBELL.

Prerequisite: **Bly. 101.**

Laboratory fee: \$5.

Bly. 211.—Embryology. 3 hours and 6 hours laboratory. 5 credits. SHERMAN.

The principles of general embryology followed by special attention to the development of the vertebrates.

Prerequisites: **Bly. 101 and Bly. 104.**

Laboratory fee: \$5.

Bly. 0301.—Advanced Invertebrate Zoology. Hours and credit to be arranged. BYERS.

Special studies on the local invertebrate fauna.

Prerequisite: **Bly. 0201.**

Laboratory fee: \$5.

Bly. 0302.—Advanced Entomology. Hours and credit to be arranged.
HUBBELL.

The taxonomy and biology of certain selected groups of insects.

Prerequisite: **Bly. 0202.**

Laboratory fee: \$5.

Bly. 305.—Genetics. 3 hours, 3 credits. ROGERS.

An introduction to the subject matter, methods and data of genetics with special reference to animals.

Prerequisites: **Bly. 101** and **0201** or **211.**

Not offered in 1930-31.

Bly. 311-312.—Vertebrate Zoology. 2 hours and 6 hours laboratory. 8 credits. No credit toward a degree will be allowed until the entire 8 credits are earned. SHERMAN and GIOVANNOLI.

The classification and natural history of vertebrate animals with special attention to the recognition and habits of the local fauna.

Prerequisite: **Bly. 104.**

Laboratory fee: \$3 per semester.

Bly. 323.—Animal Histology. 1 hour and 4 hours laboratory. 3 credits.
SHERMAN.

An introduction to vertebrate histology.

Prerequisites: **Bly. 101** and **104** or **0201.**

Laboratory fee: \$5.

Bly. 402.—Animal Ecology. 3 hours and 8 hours field work. 5 credits.
ROGERS.

Studies on the local fauna as an introduction to the methods of animal ecology.

Prerequisites: **Bly. 201, 202** or **311** and **312.**

Laboratory fee: \$5.

Not given 1930-31.

Bly. 403.—Zoogeography. 3 hours, 3 credits. HUBBELL.

The distribution of animals in time and space.

Prerequisites: **Bly. 201, 202,** or **311** and **312,** and **Gy. 202.**

Bly. 415.—Medical Zoology. 3 hours and 4 hours laboratory. 5 credits.
BYERS.

The animal organisms, especially the protozoa, worms, and arthropoda, producing pathogenic conditions in man and the higher vertebrates.

Prerequisite: **Bly. 201.**

Laboratory fee: \$5.

Bly. 421.—The History of Biology. 2 hours, 2 credits. ROGERS.

An outline of the development of the modern content and theories of biology.

Prerequisites: **Bly. 104, 106, 0201.**

Not given in 1930-31.

Bly. 501-502.—Current Biological Literature. 1½ hours, 2 credits.
ROGERS and staff.

An informal Journal Club that meets once a week to review some of the current biological journals and books.

Required of all graduate students majoring in Biology.

Bly. 505-506.—Zoological Classification and Nomenclature. 1 hour and 10 hours laboratory. 3 credits. STAFF.

An approved group of animals is studied under the direction of one of the members of the department as an illustration of the biological and taxonomic problems involved in animal classification.

Prerequisites: An undergraduate major in Biology, including **Bly. 0201** or **0202** or **311,** or their equivalents.

Laboratory fee: \$5.

Bly. 507-508.—Problems in Invertebrate Zoology. Hours and credits to be arranged. BYERS.

Individual problems on the life histories, habits and distribution of an approved group of invertebrate animals.

Prerequisite: An undergraduate major in Biology, including Bly. 0201.

Laboratory fee: \$5.

Bly. 509-510.—Problems in Animal Ecology. Hours and credits to be arranged. ROGERS.

Individual problems on the ecological distribution of selected local animals or on the animal communities of Northern Florida.

Prerequisites: An undergraduate major in Biology, including Bly. 402.

Laboratory fee: \$5.

Not given in 1930-31.

Bly. 511-512.—Problems in Entomology. Hours and credits to be arranged. HUBBELL.

Individual problems in insect morphology, classification or distribution.

Prerequisites: An undergraduate major in Biology, including Bly. 0302.

Laboratory fee: \$5.

Bly. 513-514.—Problems in Vertebrate Zoology. Hours and credits to be arranged. SHERMAN.

Individual problems on either the morphology, embryology or natural history of local mammals.

Prerequisites: An undergraduate major in Biology, including Bly. 311 and 312.

Laboratory fee: \$5.

BOTANY AND BACTERIOLOGY

For courses in botany and bacteriology see the Bulletin of the College of Agriculture.

CHEMISTRY

Cy. 101.—General Chemistry. 4 hours and 3 hours laboratory. 5 credits. No credit toward a degree will be allowed until credit in Cy. 102 is earned. HEATH in charge.

The fundamental laws and theories of chemistry, and the preparation and properties of the common non-metallic elements and their compounds. Students may begin this course either the first or second semester.

Laboratory fee: \$5.

Cy. 102.—General Chemistry, continued. 4 hours and 3 hours laboratory. 5 credits. HEATH in charge.

Devoted largely to a study of the metallic elements and their compounds.

Laboratory fee: \$5.

Cy. 203.—Qualitative Analysis. 2 hours and 6 hours laboratory. 4 credits. JACKSON.

A systematic study of the metals and their chemical reactions and theoretical considerations of qualitative analysis. Practice in the separation and identification of the common metals and acid radicals.

Prerequisite: General Chemistry.

Laboratory fee: \$5.

Cy. 215.—Water and Sewage. 2 hours and 3 hours laboratory or its equivalent. 3½ credits. GOODWIN.

A theoretical and practical study of the examination and treatment of water and sewage.

Prerequisites: General Chemistry.

Laboratory fee: \$5.

Cy. 232.—Elementary Physical Chemistry. 3 hours and 3 hours laboratory. 4 credits. JACKSON.

A study of the gaseous, liquid and solid states of matter, the properties of solutions, and colloids.

Prerequisite: Cy. 203 or College Physics.

Laboratory fee: \$5.

Offered both semesters in 1930-31.

Cy. 262 or 0262.—Organic Chemistry. 3 hours and 6 hours laboratory. 5 credits. BLACK.

A brief course embracing the more important aliphatic and aromatic compounds, designed chiefly for students in applied biological fields. Suitable for those pre-medical students who desire only 5 hours of organic chemistry.

Prerequisite: General Chemistry.

Laboratory fee: \$5.

Cy. 305 or 0305.—Quantitative Analysis. 2 hours and 9 hours laboratory. 5 credits. BLACK.

The fundamental principles of gravimetric and volumetric analysis. The laboratory work may be varied somewhat to fit the needs of individual students.

Prerequisite for Arts and Sciences students: Cy. 203.

Laboratory fee: \$5.

Cy. 361-362.—Organic Chemistry. 3 hours and 6 hours laboratory or its equivalent. 10 credits. No credits toward a degree will be allowed until the entire 10 credits are earned. LEIGH.

A study of the preparation and properties of various aliphatic and aromatic compounds.

Prerequisites: Cy. 203 or Cy. 232.

Laboratory fee: \$5 per semester.

Cy. 403.—Water Analysis. 9 hours laboratory or its equivalent. 3 credits. GOODWIN.

The analysis of waters to determine their potability and fitness for steam raising and other purposes.

Prerequisites: Cy. 305.

Laboratory fee: \$2.50.

Cy. 405.—Gas Analysis. 1 hour and 6 hours laboratory. 3 credits.

The analysis of fuel and illuminating gas and products of combustion. Some attention given to the theory and use of automatic gas recorders.

Prerequisite: Cy. 305.

Laboratory fee: \$5.

Not offered in 1930-31.

Cy. 410.—Historical Chemistry. 3 hours. 3 credits.

The historical development of the more important chemical theories and their influence on the development of the science.

Prerequisites: Cy. 361 and 362; Cy. 305.

Not offered in 1930-31.

Cy. 412.—Organic Analysis. 9 hours laboratory or its equivalent. 3 credits. GOODWIN.

The ultimate analysis of organic compounds.

Prerequisites: Cy. 305; Cy. 361 and 362.

Laboratory fee: \$5.

Cy. 415.—Fuels Laboratory. 6 hours laboratory or its equivalent. 2 credits. BEISLER.

Analysis and calorimetry of gaseous, liquid and solid fuels.

Prerequisite: Cy. 305.

Laboratory fee: \$5.

Cy. 422.—Advanced Physical Chemistry. 3 hours and 3 hours laboratory. 4 credits. JACKSON.

A study of electrical theory of matter, radioactivity, atomic structure, relation between physical properties and chemical constitution, equilibrium, phase rule, thermodynamics, thermo-chemistry, chemical kinetics, and photo-chemistry.

Prerequisites: Cy. 203, Cy. 232, Cy. 361 and 362.

Laboratory fee: \$5.

Cy. 441-442.—Industrial Chemistry. 3 hours. 6 credits. No credit toward a degree will be allowed until the entire 6 credits are earned. BEISLER.

Consideration of chemical principles involved in manufacturing and refining inorganic and organic products of commercial importance. Visits are made to such factories and chemical plants as may be accessible.

Prerequisite: Cy. 361 and 362.

Cy. 444.—Industrial Chemistry Laboratory. 9 hours laboratory or its equivalent. 3 credits. BEISLER.

A practical study of the commercial methods of manufacture and purification of important chemicals.

Prerequisites: Cy. 335, Cy. 441.

Laboratory fee: \$5.

Cy. 462.—Photographic Chemistry. 3 hours or its equivalent. 3 credits. HEATH.

Deals with the chemical action of light, the preparation, properties, and use of photographic materials. The practical applications of photography will be shown, as well as the theory of the subject.

Prerequisites: Cy. 262 or Cy. 361 and 362; Cy. 232 or College Physics.

Given alternate years. Not offered in 1930-31.

Cy. 501.—Organic Preparations. 9 hours laboratory or its equivalent. 3 credits. LEIGH.

The preparation of some typical compounds. Occasional discussions of principles and theories. A reading knowledge of French and German desired.

Laboratory fee: \$5.

Cy. 504.—Inorganic Preparations. 9 hours laboratory or its equivalent. 3 credits. LEIGH.

Laboratory work involving the preparation of a number of typical inorganic compounds in addition to collateral reading and discussions. A reading knowledge of French and German desired.

Laboratory fee: \$5.

Cy. 505.—Organic Nitrogen Compounds. 3 hours. 3 credits. LEIGH.

Special lectures and collateral reading relative to the electronic and other theoretical conceptions of organic compounds containing nitrogen.

Explosives; pseudo acids, certain dyes; alkaloids; proteins; etc.

Given alternate years. Not offered in 1930-31.

Cy. 506.—Special Chapters in Organic Chemistry. 3 hours. 3 credits. BEISLER.

Lectures and collateral reading. In general, topics to be studied will be chosen from the following list: stereochemistry, tautomerism, the configuration of the sugars, acetoacetic ester syntheses, malonic ester syntheses, the Grignard reaction, benzene theories, diazo compounds and dyes.

Given alternate years. Offered in 1930-31.

Cy. 509.—Electrochemistry. 3 hours or its equivalent. 3 credits. JACKSON.

A theoretical study of the applications of electrochemical principles.

Given alternate years. Offered in 1930-31.

Cy. 513.—Colloid Chemistry. 2 hours and 3 hours laboratory. 3 credits.

BEISLER.

The theories, practice and applications of colloid chemistry.

Laboratory fee: \$5.

Given alternate years. Not offered in 1930-31.

Cy. 516.—Chemistry of the Rare Elements. 3 hours. 3 credits. HEATH.

Deals with the mineral occurrences, preparation, properties, and use of the rarer elements and their compounds. Relations to the more common elements will be clearly shown as well as methods for separation and purification.

Given alternate years. Offered in 1930-31.

Cy. 519.—Atomic Structure. 3 hours or its equivalent. 3 credits. BLACK.

Special lectures and collateral reading dealing with modern theories of the structure of the atom. The Journal literature is largely used as the basis of study.

Given alternate years. Offered in 1930-31.

Cy. 525.—Chemistry of the Terpenes. 3 hours. 3 credits. GOODWIN.

A study of hydroaromatic compounds, including the terpenes and their derivatives.

Given alternate years. Offered in 1930-31.

Cy. 531.—Advanced Qualitative Analysis. 9 hours laboratory or its equivalent. 3 credits. JACKSON.

Systematic laboratory study of the qualitative reactions for the detection and confirmation of rare and precious elements.

Laboratory fee: \$5.

Cy. 533.—Advanced Quantitative Analysis. 9 hours laboratory or its equivalent. 3 credits. BLACK.

The application of physico-chemical methods to quantitative analysis.

Electrometric titrations. Nephelometry. Colorimetry. Emphasis is placed upon instrumental methods.

Laboratory fee: \$5.

Given alternate years. Not offered in 1930-31.

Cy. 551-552.—Chemical Research. 9 to 15 hours laboratory or its equivalent. 3 to 5 credits. LEIGH and staff.

ECONOMICS

Es. 101.—Economic History. 3 hours. 3 credits. Staff.

Survey and interpretation, with brief reference to France and Germany. The Origin and development of economic institutions, the manor, Industrial Revolution, commerce transport, labor, agriculture, finance, effects on social and political development and on development in the United States.

Es. 102.—Economic History of the United States. 3 hours. 3 credits. Staff.

Interpretative survey of industrial development—consideration of the development of industry, agriculture, trade and transportation, labor, banking, finance, population—the influence of economic development on political and social development, and of foreign economic development on the United States.

Es. 201-202.—Principles of Economics. 3 hours. 6 credits. No credit toward a degree will be allowed until the entire 6 credits are earned. Staff.

An analysis of production, distribution, and consumption. Attention is devoted to the principles governing value and market price with a brief introduction to money, banking and credit, industrial combinations, transportation and communication, labor problems, and economic reform.

Es. 302 or 0302.—Elements of Statistics. 3 hours. 3 credits. ANDERSON.

An introduction to statistics; brief consideration of statistical theory; collection, classification and presentation of economic data; construction of graphs and charts; study of index numbers; problems of statistical research. Each student is required to complete one or more projects in statistical investigation.

Prerequisite: Es. 201 and 202.

Es. 321.—Financial Organization of Society. 3 hours. 3 credits. DOLBEARE.

An introduction to the field of finance. Consideration of the pecuniary organization of society, to the functions performed by financial institutions, and to the relationship between finance and business administration.

Prerequisite: Es. 201 and 202.

Es. 351 or 0351.—Transportation Principles. 3 hours. 3 credits. BIGHAM.

The development of transportation; the place of transportation in the economic order; types of transportation agencies; railway transportation; rate making; government regulation of railroads.

Prerequisite: Es. 201 and 202.

Es. 381.—Economic Geography of North America. 3 hours. 3 credits. ATWOOD.

A detailed study of the principal economic activities in each of the major geographic regions of North America involving an analysis of these activities from the standpoint of their relation to the natural environmental complex.

Prerequisites: Es. 201 and 202, and Bs. 103 and 104.

Not given 1930-31.

Es. 385.—Commercial Geography of South America. 3 hours. 3 credits. ATWOOD.

A geographic survey of the continent of South America organized around the growth of trade, exports and imports, trade by countries, and general business trends—the elements of the environment favoring or discouraging production and movement of commodities—and the economic conditions that influence commercial advance or decline—the major geographic regions of each country as to their importance in supplying export products and in consuming import commodities.

Prerequisites: Es. 201 and 202, and Bs. 103 and 104.

Es. 404.—Social Control of Business Enterprise. 3 hours. 3 credits. HURST.

General survey of the field of social control; purposes of social control; formal and informal types of social control; control of accounts, prices and capitalization; government policy toward business, current government regulation; services and agencies which modern governments undertake to provide for business enterprises.

Prerequisites: Es. 201 and 202.

Es. 426.—Banking Systems. 3 hours. 3 credits. DOLBEARE.

An analytical history of the evolution of the banking system of the United States, followed by a critical study of the banking systems of other countries, especially Canada, England, France and Germany. The aim of the course is to give the student an understanding of the functions of banking in modern economic societies.

Prerequisite: Es. 321.

Es. 429.—Government Finance. 3 hours. 3 credits. ELDBRIDGE.

Principles governing expenditures of modern governments; sources of revenue; public credit; principles and methods of taxation and of financial administration as revealed in the fiscal systems of leading countries.

Prerequisite: Es. 201 and 202.

Es. 430.—State and Local Taxation. 3 hours. 3 credits. ELDBRIDGE.

An intensive study and evaluation of the systems of taxation found in operation in the more progressive American states; the general property tax; taxation of corporations; individual incomes; inheritances; estates; various methods of distributing state funds to the local taxing jurisdictions; valuation and assessment for tax purposes.

Prerequisite: Es. 429.

Es. 431 or 0431.—Principles of Marketing. 3 hours. 3 credits. WILSON.

A survey of the marketing structure of industrial society; fundamental functions performed in the marketing process and the various methods, agencies and factors responsible for the development and execution of these functions; marketing problems of the manufacturer, wholesaler, and the different types of retailers; the marketing functions in business management.

Prerequisite: Es. 201 and 202.

Es. 435.—International Trade. 3 hours. 3 credits. ATWOOD.

World economics involving the principles and policies of international trade; the international aspects of the economic policies and activities of modern nations.

Prerequisite: Es. 201 and 202.

Es. 440.—Trade Horizons in Caribbean America. 3 hours. 3 credits.

ATWOOD.

Economic and commercial geography of Mexico, Central America, the West Indies, and the countries of South America bordering the Caribbean Sea; the historical background of the republics and islands of the Caribbean; the major geographic regions of the different countries; the economic positions of the republics and islands; the commercial importance of the various republics and islands as a market for manufactured wares and as a source of foodstuffs and raw materials.

Prerequisite: Bs. 103 and 104.

Es. 454.—Principles of Public Utility Economics. 3 hours. 3 credits.

BIGHAM.

The place of public service corporations in the economic organization of society; valuation; rate making, finance; organization and administration of public utilities.

Prerequisite: Es. 201 and 202.

Es. 462.—Social Insurance. 3 hours. 3 credits. DYKMAN.

The functions of Social Insurance; Analysis of social insurance in Europe; group insurance; workmen's compensation; old age pensions; sick benefits; future of social insurance in the United States.

Prerequisite: Es. 201 and 202.

Es. 469.—Business Forecasting. 3 hours. 3 credits. ANDERSON.

This course aims to survey the problem of the reduction of business risk by forecasting general business conditions. A study will be made of the statistical methods used by leading commercial agencies in forecasting the volume of trade, the wholesale price level, the market rate of interest, and other generalized measures of business equilibrium.

Prerequisite: Es. 302.

Es. 470.—Business Forecasting, continued. 3 hours. 3 credits. ANDERSON.

A study of various techniques employed to forecast the production and price of specific commodities. An intensive examination of the more important contributions to this subject appearing in scientific journals during recent years will constitute the nucleus of the course.

Prerequisite: Es. 302.

Es. 473.—Labor Economics. 3 hours. 3 credits. BIGHAM.

A survey of the background, causes, history, activities, philosophies, and problems of the labor movement in the United States, with some reference to England. Trade unions, labor legislation, and collective bargaining are discussed, and also problems of labor, such as unemployment, industrial unrest, wage determination, political and social policies, etc.

Prerequisite: Es. 201 and 202.

Es. 504.—Problems in Trust Regulation. 3 hours. 3 credits. HURST.

A critical study of industrial combinations.

Es. 505.—The Development of Economic Thought. 3 hours. 3 credits. ELDRIDGE.

The development of economic thought—careful analysis of the theories of the various schools of economic thought—study of the Physiocrats, Mercantilism, the Classical Economist, the leading economists of the Austrian School, and a brief survey of the beginnings of Socialism—the development of theoretical background for research and graduate work of an advanced nature.

Required of candidates for the degree of Master of Arts in Economics.

Es. 506.—The Development of Economic Thought, continued. 3 hours. 3 credits. ELDRIDGE.

Analysis of the thought of the followers and defenders on the one hand and of the abler critics on the other of the Classical Economists—appraisals of recent contributions of the various schools in formulating a system of economic analysis.

Required of candidates for the degree of Master of Arts in Economics.

Es. 526.—Seminar in Banking Systems. 3 hours. 3 credits. DOLBEARE.

A special study of types of banking.

Es. 529-530.—Problems in Government Finance. 3 hours. 6 credits. No credit toward a degree will be allowed until the entire 6 credits are earned. ELDRIDGE.

Special studies in federal, state and local taxation.

Es. 535.—Seminar in International Trade. 3 hours. 3 credits. ATWOOD.
Advanced work dealing with the development of international trade.

Es. 536.—Seminar in Foreign Trade Technique. 3 hours. 3 credits. ATWOOD.

A study of the specific problems and practices involved in exporting and importing.

Es. 554.—Problems in Public Utility Economics. 3 hours. 3 credits. BIGHAM.

Advanced study of public utility problems.

Es. 562.—Special studies in Social Insurance. 3 hours. 3 credits. DYKMAN.

Es. 569-570.—Seminar in Statistics and Business Forecasting. 3 hours. 6 credits. ANDERSON.

Critical study of special problems in statistics and business forecasting.

Es. 573.—Problems in Labor Economics. 3 hours. 3 credits. BIGHAM.

Advanced study of special labor problems.

EDUCATION

For courses in education see the Bulletin of Teachers' College.

ENGLISH

Eh. 21.—Minimum Essentials of English. 3 hours. No credit. ROBERTSON and Staff.

An elementary course in fundamentals of grammar, punctuation and sentence construction, designed to meet the needs of freshmen deficient in preparatory English. For such deficient students this course is prerequisite to English 101. Entry to the course will be determined by examinations to be given all entering freshmen during Freshman Week.

Required of all freshmen who, upon entering the University, are found deficient in minimum essentials of high school English.

Eh. 101-102.—Rhetoric and Composition. 3 hours. 6 credits. No credit toward a degree will be allowed until the entire 6 credits are earned. ROBERTSON and staff.

To train students in methods of clear and forceful expression. Instruction is carried on simultaneously in formal rhetoric, and in theme writing.

Required of all freshmen.

Eh. 103-104.—Introduction to Literature. 3 hours. 4 credits. No credit toward a degree will be allowed until the entire 4 credits are earned. FARR and staff.

A survey of the literatures of the Western world from the beginnings to the Renaissance.

Required of freshmen in the course leading to the degree Bachelor of Arts.

Eh. 201-202.—History of Literature to 1800. 3 hours. 6 credits. No credit toward a degree will be allowed until the entire 6 credits are earned. FARR and staff.

A basic course in the historical development of English literature.

Eh. 203.—The Short Story. 3 hours. 3 credits. FARRIS.

Narrative practice in the anecdote and tale, with particular attention to the technique and development of the short story.

Prerequisite: Eh. 101 and 102.

Eh. 204.—The English Essay. 3 hours. 3 credits. FARRIS.

A practical study of the various types of exposition, with special attention to the essay.

Eh. 207-208.—English Literature of the Nineteenth Century. 3 hours. 6 credits. ROBERTSON.

The first semester covers English poetry and prose of the first half of the nineteenth century. The second semester is a continuation to the present day.

Eh. 301.—Shakespeare and the Drama. 3 hours. 3 credits. FARR.

A study of principal Shakespearean plays, through lectures, essays, and readings.

Eh. 302.—The Drama Before Shakespeare. 3 hours. 3 credits. FARR.

The classical drama, the religious play, the beginnings of secular drama, and Shakespeare's predecessors.

Eh. 303-304.—English Poetry of the Nineteenth Century. 3 hours. 6 credits. No credit toward a degree will be allowed until the entire 6 credits are earned. FARRIS.

Discussion of the roots of the Romantic Revival; the work of Wordsworth, Byron, Shelley, and Keats; poetry of the Victorian age.

Eh. 355-356.—Business Writing. 3 hours. 6 credits. No credit allowed toward a degree until the entire 6 credits are earned. MOUNTS.

A practical study of the principal types of business letters and reports.

Required of students in business administration.

No credit for this course is given to students in the College of Arts and Sciences.

Prerequisite: Eh. 101 and 102.

Eh. 401.—American Poetry. 3 hours. 3 credits. FARRIS.

A rapid survey of the development of poetry in the United States.

Eh. 402.—Southern Literature. 3 hours. 3 credits. FARRIS.

A detailed study, with extensive reading and essay work; examination of the claims of Florida authors.

Eh. 403-404.—The English Novel. 3 hours. 6 credits. No credit toward a degree will be allowed until the entire 6 credits are earned. FARR.

The historical development and technique of the English Novel.

Eh. 405.—English Drama from Shakespeare to Sheridan. 3 hours. 3 credits. ROBERTSON.

The decline of drama after Shakespeare; Restoration drama; eighteenth century comedy.

Eh. 406.—Modern Drama. 3 hours. 3 credits. ROBERTSON.

Recent and contemporary playwrights, from Ibsen to Eugene O'Neill.

Eh. 407.—Modern Novel. 3 hours. 3 credits. ROBERTSON.

Reading and discussion of the work of English and American novelists of the present, with some attention to continental influences.

Eh. 408.—Contemporary Poetry. 3 hours. 3 credits. ROBERTSON.

The influence of Whitman; contemporary English and American poets.

Eh. 409-410.—Chaucer. 3 hours. 6 credits. No credit toward a degree will be allowed until the entire 6 credits are earned. ROBERTSON.

Extensive reading in the "Canterbury Tales," "Troilus," and minor works.

Eh. 411-412.—Engineering Exposition. 1 hour. 2 credits. No credit toward a degree will be allowed until the entire 2 credits are earned. FARRIS.

A special course for Engineering students in the various kinds of writing needed in their profession.

Required of Engineering seniors.

No credit for this course is given to students in the College of Arts and Sciences.

Eh. 413-414.—Anglo-Saxon. 3 hours. 6 credits. No credit toward a degree will be allowed until the entire 6 credits are earned. FARR, ROBERTSON.

Anglo-Saxon grammar; reading of Alfredian prose, "Beowulf," and other Anglo-Saxon literature.

Eh. 503 and 504.—Seminar. 6 hours. 3 credits each semester. No credit toward a degree will be allowed until the entire 6 credits are earned. FARR, ROBERTSON.

Reading course for graduate students.

FRENCH

Fh. 21-22.—Elementary French. 3 hours. 6 credits. No credit toward a degree will be allowed until the 6 credits are earned. Staff.

Elements of pronunciation and grammar—reading of simple prose.

For beginners.

Fh. 101-102.—Third and Fourth Semester French. 3 hours. 6 credits. No credit toward a degree will be allowed until the 6 credits are earned. Staff.

Second-year college French: Reading of modern texts—grammar review—translation of simple English into French.

Prerequisite: Eh. 21 and 22 (or the equivalent, such as two years of high school French).

Fh. 105-106.—Elementary Conversation and Composition. 3 hours. 6 credits. BRUNET.

Oral and written practice accompanied by review of grammar.

Prerequisite: Fh. 101 and 102 (or the equivalent, such as four years of high school French), or concurrent enrollment in Fh. 101 and 102.

Fh. 201-202.—Third-Year Reading. 3 hours. 6 credits. No credit for this subject will be given to those who have earned credit in Fh. 207 and 208. STEVENS.

A translation course.

Prerequisite: Grade of C or D in Fh. 102. Students who earned a grade of A or B in Fh. 102 should take Fh. 207 and 208 instead of Fh. 201 and 202.

Fh. 205-206.—Intermediate Conversation and Composition. 3 hours. 6 credits. ATKIN.

Current vocabulary and phraseology of spoken French—French life and institutions.

Prerequisite: Fh. 105 and 106.

Fh. 207-208.—Survey of French Literature. 3 hours. 6 credits. No credit for this subject will be given to those who have earned credit in Fh. 201 and 202. BRUNET.

Historical outline—representative selections from important prose writers and poets.

Prerequisite: Fh. 102 with grade of A or B, or permission of instructor.

Fh. 303-304.—Nineteenth-Century French Literature. 3 hours. 6 credits. ATKIN.

Leading authors of the period studied in representative works—literary movements and tendencies.

Prerequisite: Fh. 207 and 208, or permission of instructor.

Fh. 409-410.—Contemporary French Literature. 3 hours. 6 credits. ATKIN.

Modern tendencies as revealed in outstanding authors. Lectures, readings and reports. Prerequisite: **Fh. 303** and **304**, or permission of instructor.

Fh. 505-506.—The French Novel. 3 hours. 6 credits. ATKIN.

Evolution of the novel from the seventeenth century to the present, with special emphasis on the nineteenth century—reading of representative novels—reports.

Fh. 507-508.—Special Study in French Literature. 3 hours. 6 credits. ATKIN. BRUNET.

Individual reading and reports under supervision of the instructor, on selected topics in the field of French literature from the sixteenth century onward.

GEOLOGY

Gy. 201.—Physical Geology. 3 hours. 3 credits. HUBBELL.

The origin, materials, and structure of the earth, and the agencies which produce geological changes.

Gy. 202.—Historical Geology. 3 hours. 3 credits. HUBBELL.

An introductory course in historical and stratigraphical geology.

Prerequisite: **Gy. 201**.

GERMAN

Gn. 21-22.—Elementary German. 3 hours. 6 credits. No credit toward a degree will be allowed until the entire 6 credits are earned. CROW and HAUPTMANN.

Gn. 101-102.—Intermediate. 3 hours. 6 credits. CROW.

Second-year College German.

Prerequisite: **Gn. 21** and **22** or their equivalent.

Gn. 203-204.—Third-Year Reading. 3 hours. 6 credits. CROW.

Prerequisite: **Gn. 101** and **102**.

Not given in 1930-31.

Gn. 206.—Composition and Conversation. 3 hours. 3 credits. CROW.

Prerequisite: **Gn. 101** and **102**.

Gn. 207.—Readings in Scientific German. 3 hours. 3 credits. CROW.

Prerequisite: **Gn. 101** and **102**.

Gn. 303-304.—Modern German Literature. 3 hours. 6 credits. CROW.

Prerequisite: **Gn. 204**.

Not given in 1930-31.

Gn. 305-306.—Advanced Composition and Conversation. 3 hours. 6 credits. CROW.

Prerequisite: **Gn. 206**.

Not given in 1930-31.

Gn. 403-404.—Literature of the Classic Period. 3 hours. 6 credits. CROW.

Not given in 1930-31.

Gn. 501.—Gothic. 6 credits. CROW.

An introduction to the scientific study of the Germanic languages. Textbooks: J. Wright, *Grammar of the Gothic Language*; W. Streitberg, *Gotisches Elementarbuch*.

Prerequisite: A reading knowledge of German. Some knowledge of Latin or Greek highly desirable.

Gn. 502.—Old High German. 6 credits. CROW.

An introductory course—Intensive study of grammar—Reading of selections.

Textbooks: W. Braune: *Althochdeutsche Grammatik* and *Althochdeutsches Lesebuch*.

Prerequisite: Some knowledge of Gothic not indispensable, but very helpful.

Gn. 503-504.—Middle High German. 12 credits. CROW.

Grammar. Readings.

Not given in 1930-31.

Gn. 505-506.—Special Studies in German Literature. 12 credits. CROW.

Contemporary Authors.

GREEK

Gk. 21-22.—First Year Greek. 3 hours. 6 credits. No credit toward a degree will be allowed until the entire 6 credits are earned. ANDERSON.

Based on a book for beginners. Anabasis Book 1 with grammar and prose composition.

Gk. 103-104.—Grammar and Prose Composition. 2 hours. 4 credits. No credit toward a degree will be allowed until the entire 4 credits are earned. ANDERSON.

An intermediate course in Prose Composition. A systematic study of Greek Grammar. Not offered in 1930-31.

Gk. 105-106.—Xenophon and Plato—Anabasis Continued. 3 hours. 6 credits. No credit toward a degree will be allowed until the entire 6 credits are earned. ANDERSON.

The easier dialogues of Plato—Prose Composition—Grammar.

Gk. 0202.—Lysias. 3 hours. 3 credits. ANDERSON.

Selected orations of Lysias or other Attic Orators.

Not offered in 1930-31.

Gk. 203.—Biblical Greek. 3 hours. 3 credits. ANDERSON.

Selections from the Septuagint and New Testament.

Gk. 205.—Greek History. 3 hours. 3 credits.

Political History and History of Greek Civilization during the creative period of ancient Hellas, with emphasis on its influence on the development of modern institutions.

Not offered in 1930-31.

Gk. 206.—History of Greek Literature. 3 hours. 3 credits.

Preceded by a short study of Greek life and customs. A knowledge of the Greek language is highly desirable, but is not required for this course.

Not offered in 1930-31.

Gk. 207.—Homer. 3 hours. 3 credits. ANDERSON.

Selections from the Iliad and the Odyssey.

Not offered in 1930-31.

Gk. 301.—Herodotus and Thucydides. 3 hours. 3 credits. ANDERSON.

Selections from the Greek historians.

Not offered in 1930-31.

Gk. 302.—Euripides and Sophocles. 3 hours. 3 credits. ANDERSON.

Selections from the Greek dramatists.

Not offered in 1930-31.

Gk. 501-502.—Homer. 3 hours. 6 credits. ANDERSON.

All the Iliad and Odyssey, and selections from allied poets.

Gk. 503-504.—Historians. 3 hours. 6 credits. ANDERSON.

Herodotus and Thucydides.

HISTORY

The courses in American History and in American Government and Constitutional Law are made possible by the Chair of Americanism and Southern History, partly endowed by the American Legion, Department of Florida.

Hy. 101.—Europe During the Middle Ages. 3 hours. 3 credits. No credit toward a degree will be allowed until credit in Hy. 102 is earned. LEAKE and staff.

A course in the history of Western Europe from 476 to the crusades.

Required of all freshmen in the course leading to the degree Bachelor of Arts.

Hy. 102.—Europe During the Middle Ages. 3 hours. 3 credits. LEAKE and staff.

A continuation of Hy. 101 covering the period from the Crusades to the Renaissance and Reformation.

Hy. 101 and 102 are prerequisites for all higher courses in history.

Required of all freshmen in the course leading to the degree Bachelor of Arts.

Hy. 201.—Modern European History. 3 hours. 3 credits. No credit toward a degree will be allowed until credit in Hy. 202 is earned. LEAKE.

The characteristic features of the Old Regime, the French Revolutionary and the Napoleonic Periods and the development of Europe up to 1855 are covered in this course.
Given in 1931-32.

Hy. 202.—Modern European History. 3 hours. 3 credits. LEAKE.

The history of Europe from the Congress of Paris to the Congress of Versailles.
Given in 1931-32.

Hy. 203.—Latin America. 3 hours. 3 credits. No credit toward a degree will be allowed until credit in Hy. 204 is earned. PAYNE.

The discovery, settlement and early development of South and Central America.
Given in 1930-31.

Hy. 204.—Latin America. 3 hours. 3 credits. PAYNE.

A continuation of Hy. 203 covering the history of Latin America from about 1850 to the present.

Given in 1930-31.

Hy. 208.—History of Rome. The same as Latin 208.

Hy. 209.—The French Revolution. 3 hours. 3 credits. No credit toward a degree will be allowed until credit in Hy. 210 is earned. LEAKE.

A thorough and detailed study of the French Revolution and its various phases and aspects.

Given in 1930-31.

Hy. 210.—The Napoleonic Era. 3 hours. 3 credits. LEAKE.

A comprehensive and close study of the Napoleonic Period.

Given in 1930-31.

Hy. 301.—American History, 1492 to 1776. 3 hours. 3 credits. No credit toward a degree will be allowed until credit in Hy. 302 is earned. LEAKE.

Given in 1931-32.

Hy. 302.—American History, 1776 to 1830. 3 hours. 3 credits. LEAKE.

Given in 1931-32.

Hy. 303.—American History, 1830 to 1876. 3 hours. 3 credits. No credit toward a degree will be allowed until credit is earned in Hy. 304. LEAKE.

Given in 1930-31.

Hy. 304.—American History, 1876 to 1930. 3 hours. 3 credits. LEAKE.

Given in 1930-31.

Hy. 305.—English History to 1714. 3 hours. 3 credits. No credit toward a degree will be allowed until credit is earned in Hy. 306. PAYNE.

Given in 1931-32.

Hy. 306.—English History since 1714. 3 hours. 3 credits. PAYNE.

Given in 1931-32.

Hy. 307.—The Renaissance and the Reformation. 3 hours. 3 credits. No credit toward a degree will be allowed until credit is earned in Hy. 308. LEAKE.

Given in 1931-32.

Hy. 308.—The Renaissance and the Reformation. 3 hours. 3 credits. LEAKE.

A continuation of Hy. 307.

Given in 1931-32.

Hy. 501-502.—American History, 1492 to 1830. 3 hours. 6 credits. LEAKE.

Given in 1931-32.

Hy. 503-504.—American History, 1830 to Present. 3 hours. 6 credits. LEAKE.

Given in 1930-31.

Hy. 505-506.—English History. 3 hours. 6 credits. PAYNE.

Given in 1931-32.

Hy. 507-508.—The Renaissance and the Reformation. 3 hours. 6 credits. LEAKE.

Given in 1931-32.

Hy. 509-510.—History Seminar for Graduate Credit. 3 hours. 6 credits. LEAKE.

Given in 1930-31.

LATIN

Ln. 21-22.—First Year Latin. 3 hours. 6 credits. No credit toward a degree will be allowed until the entire 6 credits are earned. LITTLE.

Based on a book for beginners.

Ln. 31-32.—Caesar. 3 hours. 6 credits. No credit toward a degree will be allowed until the entire 6 credits are earned. LITTLE.

With grammar and prose composition.

Ln. 41-42.—Cicero and Virgil. 3 hours. 6 credits. No credit toward a degree will be allowed until the entire 6 credits are earned. LITTLE.

With grammar and prose composition.

Ln. 101.—Ovid. 3 hours. 3 credits. No credit toward a degree will be allowed until credit is earned in Ln. 102. ANDERSON.

Selections—review of grammar—prose composition—prosody.

Ln. 102.—Cicero or Livy. 3 hours. 3 credits. ANDERSON.

Cicero's *De Senectute* and *De Amicitia* or selections from Livy.

Ln. 201.—Pliny. 3 hours. 3 credits. ANDERSON.

Selections from Pliny's letters.

Ln. 202.—Horace. 3 hours. 3 credits. ANDERSON.

Selections from the satires, epistles, odes and epodes, with study of the Horatian metres.

Ln. 203-204.—Grammar and Prose Composition. 2 hours. 4 credits. No credit toward a degree will be allowed until the entire 4 credits are earned. ANDERSON.

An intermediate course in prose composition in connection with a systematic study of Latin grammar.

Not offered in 1930-31.

Ln. 206.—History of Roman Literature. 3 hours. 3 credits. SIMONDS.

Preceded by a short study of Roman life and customs.

Ln. 208.—History of Rome. 3 hours. 3 credits. SIMONDS.

Ln. 253.—Roman Law. 3 hours. 3 credits. SIMONDS.

Fundamental legal conceptions which are found in Roman Law.

Prerequisite desirable: at least two years of Latin.

Ln. 255.—Roman Law. 3 hours. 3 credits. SIMONDS.

An extension of the preceding course but independent of it: course 253 not a prerequisite.

Ln. 301.—Juvenal and Tacitus. 3 hours. 3 credits. ANDERSON.

Selections from the satires of Juvenal and from Histories or Annals of Tacitus.

Not offered in 1930-31.

Ln. 302.—The Elegy. 3 hours. 3 credits. ANDERSON.

Selections from Catullus, Tibullus, Propertius, and Ovid.

Not offered in 1930-31.

Ln. 303-304.—Advanced Prose Composition. 2 hours. 4 credits. No credit toward a degree will be allowed until the entire 4 credits are earned. ANDERSON.

A continuation of Ln. 203 and 204, open only to those students who have completed Ln. 203 and 204 or equivalent.

Not offered in 1930-31.

Ln. 401.—Plautus. 3 hours. 3 credits. ANDERSON.

Selected comedies.

Not offered in 1930-31.

Ln. 402.—Terence and Seneca. 3 hours. 3 credits. ANDERSON.

Selected plays.

Not offered in 1930-31.

Ln. 501-502.—Cicero and the Ciceronian Age. 3 hours. 6 credits. ANDERSON.

Based mainly on the Ciceronian correspondence.

Ln. 505.—Virgil. 3 hours. 3 credits. ANDERSON.

Mainly the *Bucolics* and *Georgics*.

Ln. 506.—Poetry of the Silver Age. 3 hours. 3 credits. SIMONDS.

Selections from Manilius, Lucan, Valerius Flaccus, Statius, Silius Italicus, and Claudian. Study of the technique of these poets and their influence on modern literature.

Ln. 507.—Ovid. 3 hours. 3 credits. ANDERSON.

Mainly *Heroides* and *Fasti*.

Given in the summer of 1930.

MATHEMATICS

Notes:

Not all of the courses numbered above 200 are given each year.

Prerequisites to the courses numbered above 400 should be determined by consultation with the instructor.

The textbooks listed are subject to change without notice.

Ms. 85.—Plane Trigonometry and Logarithms. 3 hours. 3 credits except to those who present trigonometry for entrance credit. SIMPSON and staff.

The solution of the triangle—practical applications of logarithms—trigonometric analysis. Textbook: Simpson, *Plane Trigonometry and Logarithms*.

Ms. 101.—College Algebra. 3 hours. 3 credits. SIMPSON and staff.

A study of the quadratic equation, proportion, progressions, the binomial theorem, functions, graphs, theory of equations, permutations, combinations, probability, and determinants. Textbook: Harding and Mullins, *College Algebra*.

Prerequisite: Ms. 85.

Ms. 102 or 0102.—Plane Analytic Geometry. 3 hours. 3 credits. SIMPSON and staff.

The algebraic study of the figures of geometry and the plane sections of a cone. Systems and transformation of coordinates. Textbook: Curtiss and Moulton, *Analytic Geometry*.

Prerequisite: Ms. 101.

Ms. 107 or 0107.—Elementary Commercial Algebra. 3 hours. 3 credits.

Elementary algebraic notions fundamental to the study of mathematical problems arising in business and finance. Textbook: Pirenian, Simpson, Crenshaw, *Mathematics of Finance Preceded by Elementary Commercial Algebra*.

Open only to students in the College of Commerce and Journalism and to those pursuing the Pre-Law Course.

Ms. 108 or 0108.—Business Mathematics. 3 hours. 3 credits.

Modern mathematical treatment of the problems of banking and business. Derivation and application of numerous formulas of importance in the financial world.

Textbook: Pirenian, Simpson, Crenshaw, **Mathematics of Finance Preceded by Elementary Commercial Algebra.**

Prerequisite: Ms. 101 or Ms. 107.

Required of students in Business Administration.

Ms. 151-152.—Elementary Mathematical Analysis. 3 hours. 6 credits.

No credit toward a degree will be allowed until the entire 6 credits are earned.

The material of Ms. 101 and Ms. 102 rearranged and changed to meet the primary needs of engineering students. Textbook: Slichter, **Elementary Mathematical Analysis.**

Required of all regularly admitted engineering freshmen.

Ms. 204.—Mathematics for Agricultural Students. 3 hours. 3 credits.

Practical problems in agricultural engineering, farm management, dairying, investments, statistics, and averages. Textbook: Roe, Smith, Reeve, **Mathematics for Agriculture and Elementary Science.**

Required of all sophomore students of agriculture.

Ms. 208.—Life Insurance. 3 hours. 3 credits. PHIPPS.

A continuation of Ms. 108 with special applications to the problems of life insurance.

Prerequisite: Ms. 108.

Ms. 251-252.—Differential and Integral Calculus. 3 hours. 3 credits each semester. No credit toward a degree will be allowed until the entire 6 credits have been earned.

The study of a process known as differentiation, which, with its numerous and widely different applications, constitutes one of the most important practical and theoretical fields of mathematics. Integration, the inverse operation of differentiation, is used in the calculation of areas, volumes, moments of inertia, and many other problems. Textbook: March and Wolff, **Calculus.**

Prerequisites: Ms. 102 or Ms. 152.

Ms. 311.—Advanced College Algebra. 3 hours. 3 credits. WILSON.

The further treatment of some of the material and processes of Ms. 101 and the introduction to more advanced topics.

Prerequisite: Ms. 101.

Ms. 320.—Theory of Equations. 3 hours. 3 credits. WILSON.

Theorems and methods of solution relating to equations of higher degree.

Prerequisite: Ms. 101.

Ms. 331.—College Geometry. 3 hours. 3 credits. KOKOMOOR.

The use of elementary methods in the advanced study of the triangle and circle. Special emphasis on solving original exercises. Valuable to prospective high school geometry teachers. Textbook: Altshiller-Court, **College Geometry.**

Ms. 351-352.—Advanced Calculus. 3 hours. 3 credits each semester. No credit toward a degree will be allowed until the entire 6 credits are earned. PHIPPS, MESSICK.

Further study of the calculus, the treatment of more advanced topics, and the use of analytic geometry of three dimensions.

Prerequisite: Ms. 252.

Ms. 461.—The Teaching of High School Mathematics. 3 hours. 3 credits. WILSON.

Emphasis is placed on the choice, arrangement, and method of presentation of the subject matter of secondary school mathematics.

Prerequisite: To be determined by consultation with the instructor.

Ms. 420.—Differential Equations. 3 hours. 3 credits. KOKOMOOR.

The classification, solution, and application of various equations which contain expressions involving not only variables, but also the derivatives of these variables. Textbook: Fry, **Elementary Differential Equations.**

Ms. 511-512.—Introduction to Higher Algebra. 3 hours. 6 credits. SIMPSON.

A more advanced course in the subject, based on the work of Bocher, whose **Introduction to Higher Algebra** is used as a Textbook.

Ms. 518.—Theory of Groups of Finite Order. 3 hours. 3 credits. SIMPSON.

An introduction to the group concept, a treatment of the pure group-theory, and numerous examples and applications. Textbook: Hilton, **Finite Groups**.

Ms. 520.—Mathematical Statistics. 3 hours. 3 credits. WILSON.

A presentation of the various mathematical theories involved in statistical analysis. Textbook: Rietz, **Mathematical Statistics**.

Ms. 534.—Projective Geometry. 3 hours. 3 credits. KOKOMOOR. KUSNER.

Pure geometry dealing primarily with properties unaltered by the processes of projection and section—principal theorems involved—theory of poles, polars, involution, and kindred topics. Textbook: Holgate, **Projective Pure Geometry**.

Ms. 536.—Foundations of Geometry. 3 hours. 3 credits. KOKOMOOR.

An investigation of the assumptions of geometry—the parallel postulate—steps leading to non-Euclidean geometries—consequent development of modern branches of the subject. Textbook: Carslaw, **The Elements of Non-Euclidean Plane Geometry and Trigonometry**.

Ms. 540.—Fourier Series and Harmonic Analysis. 3 hours. 3 credits. DOSTAL.

The use of series of terms involving sines and cosines in the solution of physical problems such as those relating to the flow of heat, conduction of electricity, and vibrating strings. Textbook: Carslaw, **Introduction to the Theory of Fourier's Series and Integrals**.

Ms. 542.—Heaviside Operational Calculus. 3 hours. 3 credits. DOSTAL.

Introduced by an elementary exposition of the solution of differential equations by classical operational methods, followed by treatment of the Heaviside Operational Theory, with applications mainly to electrical circuit theory. Textbook: Berg, **Heaviside's Operational Calculus**.

Ms. 550.—Theory of Infinite Processes. 3 hours. 3 credits. PHIPPS.

The study of infinite classes and processes fundamental in various branches of analysis. Some topics considered are infinite aggregates, sequences, series, products, determinants, and integrals. Textbook: Smail, **Elements of the Theory of Infinite Processes**.

Ms. 555.—Functions of a Complex Variable. 3 hours. 3 credits. SIMPSON.

Fundamental operations with complex numbers—differentiation and integration theorems—mapping—transformation—series. Textbook: Townsend, **Functions of a Complex Variable**.

Ms. 557.—Differential Geometry. 3 hours. 3 credits. WILSON.

The work follows somewhat closely the earlier chapters of Eisenhart's **Differential Geometry** which is used as a textbook.

Ms. 559-560.—Functions of Real Variables. (Numbered 500 and 501 in 1929-30). 3 hours. 6 credits. SIMPSON.

The real number system—theory of point sets—rigorous investigation of many questions arising in the calculus—Lebesgue integrals—infinite series. Textbook: Townsend, **Functions of Real Variables**.

Ms. 568.—History of Elementary Mathematics. 3 hours. 3 credits. KOKOMOOR.

A survey of the development of mathematics through the calculus, with special emphasis upon the changes of the processes of operations and methods of teaching. No specific text is followed, but numerous works are used as references.

Ms. 575.—Fundamental Concepts of Modern Mathematics. 3 hours. 3 credits. SIMPSON.

An introduction to such topics as the number system of algebra, sets of points, group theory, theories of integration, postulational systems, and non-Euclidean geometry. No textbook is used, but many references are assigned.

MILITARY SCIENCE

My. 101-102.—Freshmen Infantry, Compulsory. 2 hours and 3 hours practical. 4 credits. CAPTAIN BECKER.

The work is divided as follows: (a) Theoretical: National Defense Act—military courtesy and discipline—drill and command—scouting and patrolling—hygiene. (b) Practical: close and extended order drill—ceremonies—infantry equipment—rifle marksmanship and gallery firing—first aid. Text: *The ROTC Manual, Infantry, Vol. I.*

My. 103-104.—Freshmen Field Artillery, Compulsory. 2 hours theory and 3 hours practical. 4 credits. CAPTAINS HEPNER and DONNOVIN.

The work is divided as follows: (a) Theoretical: organization—hygiene and first aid—elementary gunnery—explosives, ammunition and fuzes—military courtesy and discipline—drill and command. (b) Practical: dismounted drill—ceremonies—pistol instruction—individual equipment—materiel—75 mm. gun drill—gunners' examination. Text: *Wilson Field Artillery Manual, Vol. I.*

My. 201-202.—Sophomore Infantry, Compulsory. 2 hours theory and 3 hours practical. 4 credits. CAPTAIN BELL.

The work is divided as follows: (a) Theoretical: drill and command—scouting and patrolling—combat principles—musketry—automatic rifle. (b) Practical: close and extended order drill—ceremonies—squad leadership—musketry. Text: *The ROTC Manual, Infantry, Vol. II.*

Prerequisite: My. 101 and 102.

My. 203-204.—Sophomore Field Artillery, Compulsory. 2 hours theory and 3 hours practical. 4 credits. CAPTAIN BARCO.

The work is divided as follows: (a) Theoretical: Care of Animals—Map Reading—and Sketching—Fire Control Instruments—Communications. (b) Practical: Dismounted Drill—Ceremonies—Equitation—Driving—Mounted Drill—Reconnaissance, selection and occupation of position. Text: *Wilson Field Artillery Manual, Vol. I.*

Prerequisite: My. 103 and 104.

My. 301-302.—Junior Infantry, Elective. 3 hours theory and 3 hours practical. 4 credits. CAPTAIN MORRIS.

The work is divided as follows: (a) Theoretical: map reading and sketching—combat principles—infantry weapons—drill and command. (b) Practical: command and leadership—close and extended order drill—ceremonies—duties as sergeants—machine gun drill—rifle firing. Text: *The ROTC Manual, Infantry, Vol. III.* Students are paid \$9 per month and \$20 uniform allowance by U. S. War Department.

Prerequisite: My. 201 and 202.

My. 303-304.—Junior Field Artillery, Elective. 3 hours theory and 3 hours practical. 4 credits. CAPTAIN ALEXANDER.

The work is divided as follows: (a) Theoretical: administration and supply—field fortifications—communications and liaison—preparation and conduct of fire. (b) Practical: command and leadership—pistol marksmanship—equitation and horsemanship—mounted drill—75 mm. gun drill—reconnaissance, selection and occupation of position. Text: *Wilson Field Artillery Manual, Vol. II.* Students are paid \$9 per month and \$20 uniform allowance by U. S. War Department.

Prerequisite: My. 203 and 204.

My. 401-402.—Senior Infantry, Elective. 3 hours theory and 3 hours practical. 4 credits. MAJOR MOORE.

The work is divided as follows: (a) Theoretical: military law and Organized Reserve Regulations—military history and policy—administration—combat principles—drill and command—field engineering. (b) Practical: command and leadership—close and extended order drill—ceremonies—minor tactics—duties as staff and company officers. Text: *The ROTC Manual, Infantry, Vol. IV.* Students are paid \$9 per month and \$20 uniform allowance by U. S. War Department.

Prerequisite: My. 301 and 302.

PHILOSOPHY

Ppy. 205.—Logic. 3 hours. 3 credits. ENWALL.

The use of syllogisms, inductive methods, logical analysis, and criticism of fallacies.

Ppy. 208.—Introduction to Philosophy. 3 hours. 3 credits. ENWALL.

An introductory survey of philosophic principles, with special reference to their bearing on science, ethics and religion.

Ppy. 301.—Ethics. 3 hours. 3 credits. ENWALL.

Principles of ethics—study of such topics as goodness, happiness, virtue, duty, freedom, progress, etc.

Ppy. 302.—Advanced Ethics. 3 hours. 3 credits. ENWALL.

The history of various ethical systems. Theism and agnosticism.

Prerequisite: **Ppy. 301.**

Ppy. 303.—History of Ancient Philosophy. 3 hours. 3 credits. ENWALL.

The development of philosophic thought from its appearance among the Ionic Greeks to the time of Descartes. Special attention will be given to the philosophy of Plato and Aristotle.

Ppy. 304.—History of Modern Philosophy. 3 hours. 3 credits. ENWALL.

A continuation of Ppy. 303. Special attention will be given to the works of Descartes, Spinoza, Leibnitz, Kant, Hume, etc.

Ppy. 401-402.—Advanced Logic, Seminar. 4 hours. 6 credits. No credit toward a degree will be allowed until the entire 6 credits are earned. ENWALL.

Theories of thought and knowledge.

Prerequisite: **Ppy. 205, 303, 304.**

Given with Ppy. 403 and 404 in alternate years.

Not offered in 1930-31.

Ppy. 403-404.—Philosophy of Nature, Seminar. 4 hours. 6 credits. No credit toward a degree will be allowed until the entire 6 credits are earned. ENWALL.

Man's relation to nature; the various philosophical doctrines; animism, pantheism, materialism, realism, agnosticism, humanism, idealism, etc.

Prerequisites: **Ppy. 205, 303, 304.**

Given with Ppy. 401 and 402 in alternate years.

Offered in 1930-31.

Ppy. 407.—The Philosophic Conceptions of the Great English Poets. 3 hours. 3 credits. ENWALL.

Selected plays from Shakespeare; and the philosophic poems of Wordsworth, Tennyson and Browning.

Prerequisite: **Ppy. 303, 304.**

Ppy. 503-504.—Advanced History of Philosophy. 6 hours. 6 credits. ENWALL.

The problems of philosophy in their historical development. Textbook: **History of Philosophy** by Windelband; supplemented by special readings from the original sources.

Prerequisites: **Ppy. 205, 301, and 403 and 404.**

Ppy. 505-506.—Hume and Kant, Seminar. 4 hours. 6 credits. ENWALL.

Prerequisites: **Ppy. 205, 301, 401 and 402.**

PHYSICS

Students desiring to elect a course in general college physics are advised to take the sequence Ps. 111 to 116, carrying the theory, demonstration, and laboratory work simultaneously.

Those who desire a more comprehensive course with greater emphasis on the mathematical treatment may elect the sequence Ps. 105 to 108 and 209 instead, provided they have the necessary prerequisites.

Ps. 105-106.—Theory of Mechanics and Heat, Acoustics, and Optics. 3 hours. 6 credits. No credit toward a degree will be allowed until the entire 6 credits are earned.

General physics, designed primarily for engineering students, open to any student having the necessary prerequisites.

Prerequisites: High school physics and trigonometry.

Required of freshmen engineering students.

Ps. 107-108.—General Laboratory Physics. 4 hours laboratory. 4 credits. No credit toward a degree will be allowed until the entire 4 credits are earned.

Fundamental experiments in mechanics and heat, acoustics and optics, supplementing Ps. 105 and 106.

Laboratory fee: \$3 each semester.

Required of freshmen engineering students.

Ps. 111.—Elementary Theory of Mechanics and Heat. 3 hours. 3 credits.

A college course designed to meet the needs of the general student.

Required of agriculture, architecture, Bachelor of Science, and pre-medical students.

Ps. 112.—Elementary Theory of Sound, Light, and Electricity. 3 hours. 3 credits.

A college course designed to meet the needs of the general student.

Required of architecture, Bachelor of Science, and pre-medical students.

Ps. 113-114.—Lecture Demonstration Course. 1 hour. 2 credits. No credit toward a degree will be allowed until the entire 2 credits are earned.

Demonstration lectures designed to supplement Ps. 111 and 112 and should be taken by all students electing those courses.

Required of architecture, Bachelor of Science, and pre-medical students.

Ps. 115-116.—Elementary Laboratory Physics. 3 hours laboratory. 2 credits.

A series of laboratory experiments in general physics designed to supplement Ps. 111 and 112 and should be taken by all students electing those courses.

Laboratory fee: \$2.25 each semester.

Required of Bachelor of Science, and pre-medical students. Ps. 115 is required of agriculture students.

Ps. 209.—Theory of Electricity and Magnetism. 2 hours and 2 hours laboratory. 3 credits.

A continuation of general physics, designed primarily for engineering students.

Prerequisites: Ps. 105 to 108, or their equivalent.

Laboratory fee: \$1.50.

Required of sophomore engineering students.

Ps. 213.—Glass Blowing. 3 hours laboratory. 1 credit (no credit to students in the College of Arts and Sciences).

Technique of glass blowing. Designed for students interested in this type of work as an aid in experimental work.

Laboratory fee: \$2.25.

Ps. 291.—Astronomy. 3 hours. 3 credits.

A brief general course in descriptive astronomy. Star maps will be plotted and occasional evenings will be spent in observation work.

Prerequisite: One year of college physics.

Ps. 292.—Meteorology. 2 hours and 2 hours laboratory. 3 credits.

A brief general course. Textbook used in 1929-30: Milham, *Meteorology*.

Prerequisite: One year of college physics.

Ps. 299.—Advanced General Physics. 3 hours. 3 credits.

A transition course between the elementary courses in physics and the special studies enumerated below. It presents a somewhat advanced survey of the whole field of physics.

Prerequisite or corequisite: Calculus.

Ps. 299, or its equivalent is a prerequisite to any of the following advanced courses.

Ps. 303-304.—Experimental Physics. 1 hour and 4 hours laboratory. 6 credits.

Experiments of a more advanced type than those of the elementary courses, together with study of the theory of the experiments and assigned reading.

The particular experiments assigned vary with the needs and interests of the individual student.

Laboratory fee: \$3 each semester.

Ps. 307.—Heat. 2 hours and 2 hours laboratory. 3 credits.

A general survey of this branch of physics from the theoretical as well as the experimental point of view. The laboratory work will include accurate measurements of the heat of combustion of materials, thermal conductivity of metals, melting points of metals, and specific heats of gases.

Laboratory fee: \$1.50.

Given alternate years.

Ps. 309.—Theoretical Optics. 3 hours. 3 credits.

Study of the phenomena of refraction, interference, diffraction, and polarization.

Given in alternate years.

Ps. 310.—Experimental Optics. 1 hour and 3 hours laboratory. 2 credits.

Laboratory work with the spectrometer, interferometer, diffraction grating, and polarimeter.

Laboratory fee: \$2.25.

Given alternate years.

Ps. 311.—Electricity and Magnetism. 3 hours and 3 credits.

The theory of magnetism and electrostatics, the electric current and its effects, thermoelectricity, electromagnetism, the elementary theory of alternating currents.

Given alternate years.

Ps. 312.—Experimental Electricity and Magnetism. 1 hour and 3 hours laboratory. 2 credits.

The theory and actual determination of the electrical quantities in terms of the absolute units, the study of the effects of inductances and condensers in direct and alternating circuits, the magnetic circuit.

Laboratory fee: \$2.25.

Given alternate years.

Ps. 315.—Demonstration Physics. 3 hours. 3 credits.

A series of demonstration experiments designed primarily for teachers.

Given in Summer School only.

Ps. 317.—Modern Theories of Physics. 3 hours. 3 credits.

Given in Summer School only.

Ps. 405.—Theoretical Mechanics. 3 hours. 3 credits.

Statics of systems of rigid bodies. Motions of particles and of rigid bodies under constant and variable forces.

Given alternate years.

Ps. 412.—Advanced Electricity and Magnetism. 3 hours. 3 credits.

A continuation of Ps. 311. The theory of alternating circuits, electromagnetic radiation, conduction of electricity in gases.

Given in alternate years.

Note: For the benefit of those who are interested in courses in applied electricity attention is called to the courses offered in the Department of Electrical Engineering of the College of Engineering. These courses may be approved as accepted courses for students majoring or minoring in Physics.

Ps. 503.—Kinetic Theory of Gases. 3 hours. 3 credits.

The elements of the kinetic theory, the application of the theory to gases and liquids, the electrical and magnetic properties of the molecules from the standpoint of the theory.

Given alternate years.

Ps. 505.—Theoretical Mechanics. 3 hours. 3 credits.

Statics of systems of rigid bodies. Motions of particles and of rigid bodies under constant and variable forces. Assigned reading, problems, and reports.

Given alternate years.

Ps. 506.—Advanced Theoretical Mechanics. 3 hours. 3 credits.

A continuation of Ps. 405 or Ps. 505. Introduction to vector analysis and generalized coordinates.

Given alternate years.

Ps. 507.—Theory of Heat. 2 hours and 2 hours laboratory. 3 credits.

A general survey of this branch of physics from the theoretical as well as the experimental point of view. Assigned reading and reports.

Given alternate years.

Ps. 508.—Thermodynamics. 3 hours. 3 credits.

The theory of thermodynamics, the application to fluids, the application to electric circuits, the phase rule.

Given alternate years.

Ps. 509.—Theoretical Optics. 3 hours. 3 credits.

Study of the phenomena of refraction, interference, diffraction, and polarization. Assigned readings, problems, and reports.

Given alternate years.

Ps. 510.—Spectroscopy. 2 hours and 3 hours laboratory. 3 credits.

The phenomena and theories of spectroscopy, methods of excitation and of observation of the line spectra of the elements, the analysis and interpretation of the emission and absorption spectra of elements, precision wave length determination.

Given alternate years.

Ps. 511-512.—Electricity and Magnetism. 3 hours. 6 credits.

The theory of electrostatics, the electric current and its effects, thermoelectricity, electromagnetism. The theory of alternating circuits, electromagnetic radiation, conduction of electricity in gases. Assigned readings and reports.

Given alternate years.

Ps. 513-514.—Advanced Experimental Physics. 6 or 8 hours laboratory. 6 or 8 credits. WILLIAMSON, PERRY, BLESS.

A series of experiments on a particular topic of Physics, a review of classical experiments, or the development of an assigned experimental problem. The work will be assigned to meet the needs and interests of the particular student.

Laboratory fee: \$4.50 or \$5.

Ps. 516.—Electrical Measurements. 1 hour and 4 hours laboratory. 3 credits.

The theory and practice of methods of measurements of resistance, current, electromotive force, power, and energy. Planned primarily for advanced students in physics and chemistry. Laboratory work will be adjusted to meet the needs and interests of the individual student.

Laboratory fee: \$3.

Ps. 517-518.—Modern Physics. 3 hours. 6 credits.

Production, properties and effects of X-rays, radioactivity, theories of atomic structure, the physical and chemical properties of elements in the light of these theories.

Given alternate years.

Ps. 520.—X-ray Laboratory. 6 hours laboratory. 3 credits.

Refraction and diffraction of X-rays, crystal analysis, X-ray spectroscopy.

Laboratory fee: \$4.50.

POLITICAL SCIENCE

Pcl. 101.—American Government and Politics. 3 hours. 3 credits. No credit toward a degree will be allowed until credit in Pcl. 102 is earned. LEAKE and staff.

A study of the structure and functions of the Federal Government.

Pcl. 102.—State and Municipal Government. 3 hours. 3 credits. LEAKE and staff.

A study of state, county, and municipal government.

Pcl. 101 and 102 prerequisite for all other courses in political science.

Pcl. 201.—Comparative Government. 3 hours. 3 credits. No credit toward a degree will be allowed until credit is earned in Pcl. 202. TRIBOLET.

Given in 1931-32.

Pcl. 202.—Government and Organization of Great Britain. 3 hours. 3 credits. TRIBOLET.

Given in 1931-32.

Pcl. 203.—American State and Municipal Administration. 3 hours. 3 credits. No credit toward a degree will be allowed until credit is earned in Pcl. 204. TRIBOLET.

Given in 1930-31.

Pcl. 204.—American State and Municipal Administration. 3 hours. 3 credits. TRIBOLET.

A continuation of Pcl. 203.

Given in 1930-31.

Pcl. 205.—Principles of Political Science. 3 hours. 3 credits. No credit toward a degree will be allowed until credit is earned in Pcl. 206. TRIBOLET.

Given in 1930-31.

Pcl. 206.—World Politics and International Organization. 3 hours. 3 credits. TRIBOLET.

Given in 1930-31.

Pcl. 301.—American Constitutional Law. 3 hours. 3 credits. No credit toward a degree will be allowed until credit is earned in Pcl. 302. LEAKE.

Given in 1930-31.

Pcl. 302.—American Constitutional Law. 3 hours. 3 credits. LEAKE.

A continuation of Pcl. 301.

Given in 1930-31.

Pcl. 303.—International Law. 3 hours. 3 credits. No credit toward a degree will be allowed until credit is earned in Pcl. 304. TRIBOLET.

Pcl. 304.—International Law. 3 hours. 3 credits. TRIBOLET.

A continuation of Pcl. 303.

Pcl. 305.—Political Theories. 3 hours. 3 credits. No credit toward a degree will be allowed until credit is earned in Pcl. 306. TRIBOLET.

Given in 1930-31.

Pcl. 306.—Political Theories. 3 hours. 3 credits. TRIBOLET.

A continuation of Pcl. 305.

Given in 1930-31.

Pcl. 501-502.—American Constitutional Law. 3 hours. 6 credits. LEAKE.

Given in 1930-31.

Pcl. 503-504.—International Law. 3 hours. 6 credits. TRIBOLET.

Given in 1931-32.

Pcl. 505-506.—Political Theories. 3 hours. 6 credits. TRIBOLET.

Given in 1930-31.

Pcl. 507-508.—Seminar in Political Science, for graduate credit. 6 credits. TRIBOLET.

Given in 1930-31.

PSYCHOLOGY

Psy. 201.—General Psychology. 3 hours. 3 credits. HINCKLEY, WILLIAMS.

Facts and theories current in general psychological discussion—the sensations, sense organs, and functions of the brain—the higher mental processes of attention, perception, memory, emotion, volition and the self.

Required of Teachers College students and of third-year Commerce students.

Psy. 203.—Elementary Experimental Psychology. 1 hour and 4 hours laboratory. 3 credits. WILLIAMS.

Lectures and laboratory work on the nervous system—sense organs—muscles—glands—reflexes—instincts—emotions—simple habits.

Prerequisite: **Psy. 201**, or this course may be taken with **Psy. 201**.

Laboratory fee: \$2.

Psy. 206.—Business Psychology. 3 hours. 3 credits. HINCKLEY.

The application of the main facts of theoretical, experimental, and social psychology to the fields of business problems—special consideration of the fields of advertising, selling, employment, and efficiency in work.

Prerequisite: **Psy. 201**.

Required of third year Commerce students.

Psy. 304.—Experimental Psychology. 1 hour and 4 hours laboratory. 3 credits. WILLIAMS.

Methods of Psychological investigation—collection and treatment of data—individual differences—simple and complex reactions—sensations—perceptions—illusions—images—memory—attention—learning.

Prerequisite: **Psy. 201**; and **Psy. 203** is strongly recommended.

Laboratory fee: \$2.

Psy. 305.—Social Psychology. 3 hours. 3 credits. WILLIAMS.

Influence of the social environment upon the mental and moral development of the individual.

Prerequisite: **Psy. 201**.

Psy. 401-402.—Advanced Experimental Psychology. 3 hours. 6 credits. No credit toward a degree will be allowed until the entire 6 credits are earned. HINCKLEY.

Lectures, reading and class demonstrations on the sensory processes, learning, work and fatigue, attention, reaction time, and space perception.

Prerequisites: **Psy. 201** and **Psy. 304**.

Required of all students majoring in this department.

Psy. 403.—Theories of Personality. 3 hours. 3 credits. HINCKLEY.

The more inevitable problems of human life and their normal and abnormal solutions. A critical consideration of the most important explanations of these adjustments. The development and organization of the self.

Prerequisites: **Psy. 201** and **Psy. 303** and **304**.

Psy. 405.—Theory of Psychological Measurement. 3 hours. 3 credits. HINCKLEY.

Quantitative methods of experimental psychology—collection and treatment of data—correlation—prediction—theory of probability.

Prerequisite: **Psy. 201**.

Psy. 406.—Psychological Tests. 3 hours. 3 credits. HINCKLEY.

Tests of general intelligence, special aptitude, personality traits, and business ability—organization and administration—critical evaluation of methods and results—theory of test construction and scoring—practical uses of tests.

Prerequisite: **Psy. 201** and **Psy. 405**.

Psy. 408.—Comparative Psychology. 3 hours. 3 credits. WILLIAMS.

A review of the psychological experiments in which animals were employed as subjects with an attempt to trace the phylogenetic development of human intelligence.

Prerequisite: **Psy. 201.**

Psy. 410.—Abnormal Psychology. 3 hours. 3 credits. ENWALL.

Abnormal phases of mental life—dreams, illusions, hallucinations, suggestions, hypnotism, hysteria, diseases of the memory, diseases of the will, mental hygiene, etc.

Prerequisite: **Psy. 201.**

Open to seniors, advanced pre-medical, and law students only.

Psy. 501-502.—Readings in Experimental Psychology. 3 hours. 6 credits. HINCKLEY.

Lectures and assigned readings in some of the more important fields of psychological research.

Prerequisites: **Psy. 201 and Psy. 304.**

Psy. 503.—Studies in Personality. 3 hours. 3 credits. HINCKLEY.

Lectures and readings in experimental studies of personality. Special attention will be given to the clinical work of the personnel bureau.

Prerequisites: **Psy. 201, 405, 406, Ppy. 303 and 304.**

Psy. 504.—Psycho-physical Theory in the Construction of Tests. 3 hours. 3 credits. HINCKLEY.

The application of psycho-physical theory in the measurement of psychological and social values. Critical discussion of Weber's Law, Fechner's Law, and the Law of Comparative Judgment. Special attention is given to the problems of psychological scale construction and attitude measurement.

Prerequisites: **Psy. 201, Psy. 405, and Psy. 406.**

Psy. 507.—History and Systems of Psychology. 3 hours. 3 credits. WILLIAMS.

A critical survey of the historical development of psychology, with special emphasis on representative writers and the more recent systems and programs.

Prerequisite: **Psy. 201.**

Psy. 508.—Advanced Comparative Psychology. 3 hours. 3 credits. WILLIAMS.

A study of the intelligence and learning capacity of animals, with an attempt to formulate and explain the psychological concepts of reflex, conditioned reflex, instinct, learning, memory, intelligence, thinking, and motivation as problems primarily in nerve physiology.

Prerequisite: **Psy. 201.**

SOCIOLOGY

Sy. 102.—Introduction to Sociology. 3 hours. 3 credits. BEATTY.

An approach to the art of living together in society by a study of the development of customs, morals and institutions. Brief consideration of some of the social problems growing out of industrial development, immigration, rural migration and depletion and racial contacts.

Required of freshmen in Journalism.

Sy. 111-112.—Introduction to Social Studies. 2 hours. 4 credits. CARLETON.

An approach to the social sciences through biology and psychology; early man; landmarks in the history of civilization; problems of American citizenship.

Required of all freshmen in Teachers College.

Sy. 322.—Rural Sociology. 3 hours. 3 credits. BRISTOL.

A broad survey of the fields of rural life in its social aspects.

Not offered in 1930-31.

Sy. 323.—Social Pathology. 3 hours. 3 credits. BRISTOL.

A case method of approach to a study of problems connected with the socially inadequate together with approved methods of social action. Visit to social agencies in Jacksonville.

Prerequisite: Sy. 102 or Sy. 111, or special consent of instructor.

Required of juniors in Personnel Administration.

Sy. 324.—Crime and Punishment. 3 hours. 3 credits. BRISTOL.

Nature and causes of crime; punishment, correction, prevention. Sociological aspects of criminal law and procedure. Constructive proposals. Visit to State Prison Farm at Raiford and Girls' Industrial School at Ocala.

Prerequisite: One of the preceding courses in sociology or special consent of the instructor.

Sy. 332.—Public Health. 2 hours. 2 credits. BRISTOL and special lecturers from the University and State Board of Health.

History of preventive medicine; personal hygiene; community hygiene; the recognition of the ordinary communicable diseases; sanitation; a constructive health program.

Required of juniors taking degree in Physical Education.

Sy. 381-382.—Development of Asiatic and European Cultures. 3 hours. 6 credits. CARLETON.

A survey of Far-Eastern, Near-Eastern, Classical, and Medieval-Modern European civilizations; a comparative treatment of industrial, political, familial, intellectual, esthetic, ethical and religious development.

Particular emphasis will be given to causes underlying and differentiating institutional evolution.

Sy. 424.—Community Organization. 2 hours. 2 credits. BRISTOL.

Theory of community; process of community organization; formation of community ideals and cooperative activities. Formal organization of forces and agencies; health, business, philanthropic. The Community Chest movement. Special study of social agencies and organizations in Jacksonville.

Prerequisite: Sy. 102 or Sy. 111, and one advanced course.

Sy. 441.—Principles of Sociology. 3 hours. 3 credits. BRISTOL.

A brief study of the principles of social evolution, social organization and social progress, with special emphasis on the science of social relations.

Prerequisite: Sy. 102 or Sy. 111, or special consent of the instructor.

Required of those selecting the Social Science Group in Teachers College, and of seniors in Journalism and Personnel Administration.

Sy. 442.—Applied Sociology. 3 hours. 3 credits. BRISTOL.

The principles of efficient living together in society, developed in the preceding course will be applied to concrete problems in the interest of social improvement. Special consideration will be given to increasing the span of productive life, to increasing the social income and securing more wide-spread diffusion and to the demeritization of efficient education.

Prerequisite: Es. 201 and 202 and Sy. 441, or special consent of the instructor.

Sy. 443.—Race Problems. 3 hours. 3 credits. BRISTOL.

Causes of race antagonism; racial inequality. History, causes and effects of immigration; immigrant backgrounds; the Negro Problem.

Prerequisite: Sy. 102 or 111, or equivalent.

Not offered in 1930-31.

Sy. 541-542.—Development of Social Thought. 2 hours seminar. 6 credits. BRISTOL.

An introduction to social philosophy by a critical and constructive study of representative writers in the field of social theory.

Not offered in 1930-31.

Sy. 551-552.—Social Progress. 2 hours seminar. 6 credits. BRISTOL.

Theories of social progress. Evaluation of proposed goals and of programs looking to the attainment of these goals.

Sy. 561.—Scientific Philanthropy. 3 hours. 3 credits. BRISTOL.

A critical, constructive study of modern methods of dealing with the socially inadequate. Visit to the agencies in Jacksonville dealing with the socially handicapped. To be taken in part in connection with Sy. 323.

Prerequisite: Elementary courses in sociology and economics.

Sy. 562.—Criminology. 3 hours. 3 credits. BRISTOL.

A survey of the fields of criminology and penology with a study of the Florida Institutions dealing with delinquents.

Prerequisite: Sy. 323 or consent of the instructor.

To be taken in part in connection with Sy. 324.

Sy. 571-572.—Social Research and Investigation. 2 hours seminar. 6 credits. BRISTOL.

Social surveys, scoring, investigation of special conditions connected with housing, sanitation, etc. Practical use of data in the interests of improvement of conditions involved.

Prerequisite: Consent of the instructor.

SPANISH

Sh. 21-22.—Elementary. 3 hours. 6 credits. No credit toward a degree will be allowed until the entire 6 credits are earned. Staff.

Sh. 101-102.—Intermediate. 3 hours. 6 credits. Staff.

Second year college Spanish.

Sh. 203-204.—Third Year Reading. 3 hours. 6 credits. HATHAWAY.

Sh. 206.—Composition and Conversation. 3 hours. 3 credits. HIGGINS, DEGAETANI.

Prerequisite: Sh. 101 and 102.

Sh. 207.—Spanish Commercial Correspondence. HIGGINS.

Prerequisite: Sh. 101 and 102 and permission of the instructor.

Sh. 303-304.—Spanish American Literature. 3 hours. 3 credits each semester. HIGGINS.

Prerequisite: Sh. 204.

Sh. 305-306.—Composition and Conversation. 3 hours. 6 credits. HAUPTMANN.

Prerequisite: Sh. 206.

Sh. 307-308.—Modern Spanish Literature. 3 hours. 6 credits. HATHAWAY.

Prerequisite: Sh. 204.

Sh. 401-402.—Literature of the Golden Age. 3 hours. 6 credits. HAUPTMANN.

Sh. 501-502.—Old Spanish. 12 credits. CROW.

Spanish Historical Grammar. Readings from XII, XIII, XIV centuries.

Sh. 505-506.—Special Studies in Spanish Literature. 12 credits. CROW.
Cervantes, Lope de Vega, Calderon de la Barca.

SPEECH

Sch. 201 or 0201.—Public Speaking. 3 hours. 3 credits. CONSTANS.

Presentation of the principles used in public speaking with considerable practice in the delivery of original speeches.

Prerequisite: Eh. 101 and 102.

Sch. 202.—Persuasive Speaking. 3 hours. 3 credits. **CONSTANS.**

Consideration of the occasional speeches; afterdinner, eulogy, campaign, etc.—psychology of audiences—application of the principles of suggestion and persuasion. Much practice in speaking.

Prerequisite: **Sch. 201.**

Sch. 203-204.—Argumentation and Debating. 2 hours. 4 credits. **CONSTANS.**

A study of argument, evidence, proof, fallacy, sources of material, and drawing of briefs. Class discussion and debate upon questions of present-day interest.

Prerequisite: **Eh. 101 and 102.**

Sch. 207-208.—Interpretation of Literature. 2 hours. 4 credits. **CONSTANS.**

Oral reading of the lyric, ballad, narrative, short story, and drama. Abridgement and reading of novels and plays.

Prerequisite: **Eh. 101 and 102.**

Sch. 212.—Oratory of the Courtroom. 3 hours. 3 credits. **CONSTANS.**

Reading and analysis of courtroom speeches by famous lawyers, such as Webster, Choate, Ingersoll, Borah, Littleton, and Darrow. Text: Hicks, **Famous American Jury Speeches.**

Prerequisite: **Eh. 101 and 102.**

Sch. 357 or 0357.—Business Speaking. 2 hours and 2 hours laboratory. 3 credits. **CONSTANS.**

Reading of written reports—conduction of business conferences—analysis of speech composition—delivery of original and informational and argumentative talks.

Prerequisite: **Eh. 101 and 102.**

Required of seniors in the course in business administration proper. This course can be taken only by juniors or seniors in the College of Commerce and Journalism.

Sch. 303.—One-Act Play. 3 hours. 3 credits. **CONSTANS.**

The one-act play as a type of drama. The reading and criticism of a large number of the best one-act plays by contemporary writers.

Prerequisite: **Eh. 101 and 102.**

Sch. 304.—Modern Drama. 3 hours. 3 credits. **CONSTANS.**

A survey of the life and works of recent and contemporary playwrights; extensive reading of the longer plays.

Prerequisite: **Sch. 303.**

Sch. 403-404.—Dramatic Production. 1 hour and 2 hours laboratory. 2 credits. **CONSTANS.**

Consideration of voice, line reading, technique of acting, and principles of character interpretation, the problem of directing, stage equipment, costuming, lighting, and make-up. Rehearsal of one-act plays.

Prerequisite: **Sch. 304.**

Not offered in 1930-31.

THE UNIVERSITY CALENDAR

1930-31

The Summer Session

1930

June 16, Monday	.....	Summer Session begins.
June 28, Saturday	.....	Last day for filing application for degree at the end of the summer session.
July 4, Friday	.....	Independence Day, a holiday.
July 12, Saturday	.....	Last day to make graduate applications.
July 23, Wednesday	.....	Last day for submitting theses to the Graduate Committee.
August 6, Wednesday, 8:00 p.m.	.....	Summer Session Commencement Convocation.
August 8, Friday, 5:00 p.m.	.....	Summer Session ends.
August 18, Monday	.....	Farmers' Week begins.
August 30, Saturday	.....	Last day for filing applications for fall re-examinations.

First Semester

September 11-13, Thursday to Saturday	.....	Entrance examinations.
September 15, 16, 17, Monday thru Wednesday	.....	Re-examinations.
September 15-19, Monday thru Friday	.....	Freshman registration and orientation, including Engineering Qualifying Examination and other tests. (A special program of the routine of this week will be available by June 1, 1930.) All freshmen must be present at the University Auditorium at 11:00 o'clock a.m., Monday, September 15, or they will not be registered during that week and will be required to pay the fees for late registration.
September 18-19, Thursday and Friday	.....	Registration for upperclassmen.
September 22, Monday, 8:00 a.m.	.....	Classes meet for the first time.
September 29, Monday, 8:00 a.m.	.....	Changes in courses—fee \$2.00.
October 6, Monday, 7:00 p.m.	.....	Meeting of the General Faculty.
October 11, Saturday, 12:00 noon	.....	Registration for classes in the first semester closes. Last day for making applications for degrees at the end of the first semester.
October 17, Friday, 5:00 p.m.	.....	All freshmen grades due in the office of the Registrar.
October 18, Saturday, 12:00 noon	.....	Last day for dropping courses without grade. Annual Dad's Day and Homecoming.

October 31, Friday, 5:00 p.m.	Last day for graduate applications.
November 8, 3:00 p.m.	Dedication for new stadium.
November 11, Tuesday	Armistice Day, a holiday.
November 21, Friday, 5:00 p.m.	Mid-semester grades are due in the office of the Registrar.
November 27, Thursday	Thanksgiving Day, a holiday.
December 19, Friday, 5:00 p.m.	Christmas Recess begins.
1931	
January 5, Monday, 8:00 a.m.	Christmas Recess ends.
Monday, 5:00 p.m.	Last date for submitting theses to Dean.
January 22, Thursday, 8:00 a.m.	Final examinations for the first semester begin.
January 30, Friday, 5:00 p.m.	First semester ends.
January 31, Saturday, 12 noon	All semester grades are due in the office of the Registrar.
Saturday, 3:00 p.m.	Commencement Convocation.

Second Semester

February 2 and 3, Monday and Tuesday	Second semester begins. Registration for second semester.
February 4, Wednesday, 8:00 a.m.	Second semester classes begin. Change in courses—fee \$2.00. Late registration fee \$5.00.
February 7, Saturday, 12:00 noon	Registration for second semester closes.
February 14, Saturday, 2:00 p.m.	Meeting of the General Faculty.
February 21, Saturday, 12:00 noon	Last date for filing applications for re-examinations.
February 28, and March 7, 2-5 p.m.	Re-examinations.
February 28, Saturday, 12:00 noon	Last date for application for degrees at the end of the second semester.
March 7, Saturday, 12:00 noon	Last day for dropping a course without grade.
March 16, Monday, 5:00 p.m.	Last date for filing graduate applications for those entering the second semester.
April 3, Friday, 5:00 p.m.	Mid-semester grades are due in the office of the Registrar.
April 8, Wednesday, 5:00 p.m.	Spring holiday begins.
April 13, Monday, 8:00 a.m.	Classes resumed.
May 1, Friday, 5:00 p.m.	Last day for submitting theses to Dean.
May 21, Thursday, 8:00 a.m.	Final examinations begin.
May 30, Saturday, 2:00 p.m.	Meeting of the General Faculty.

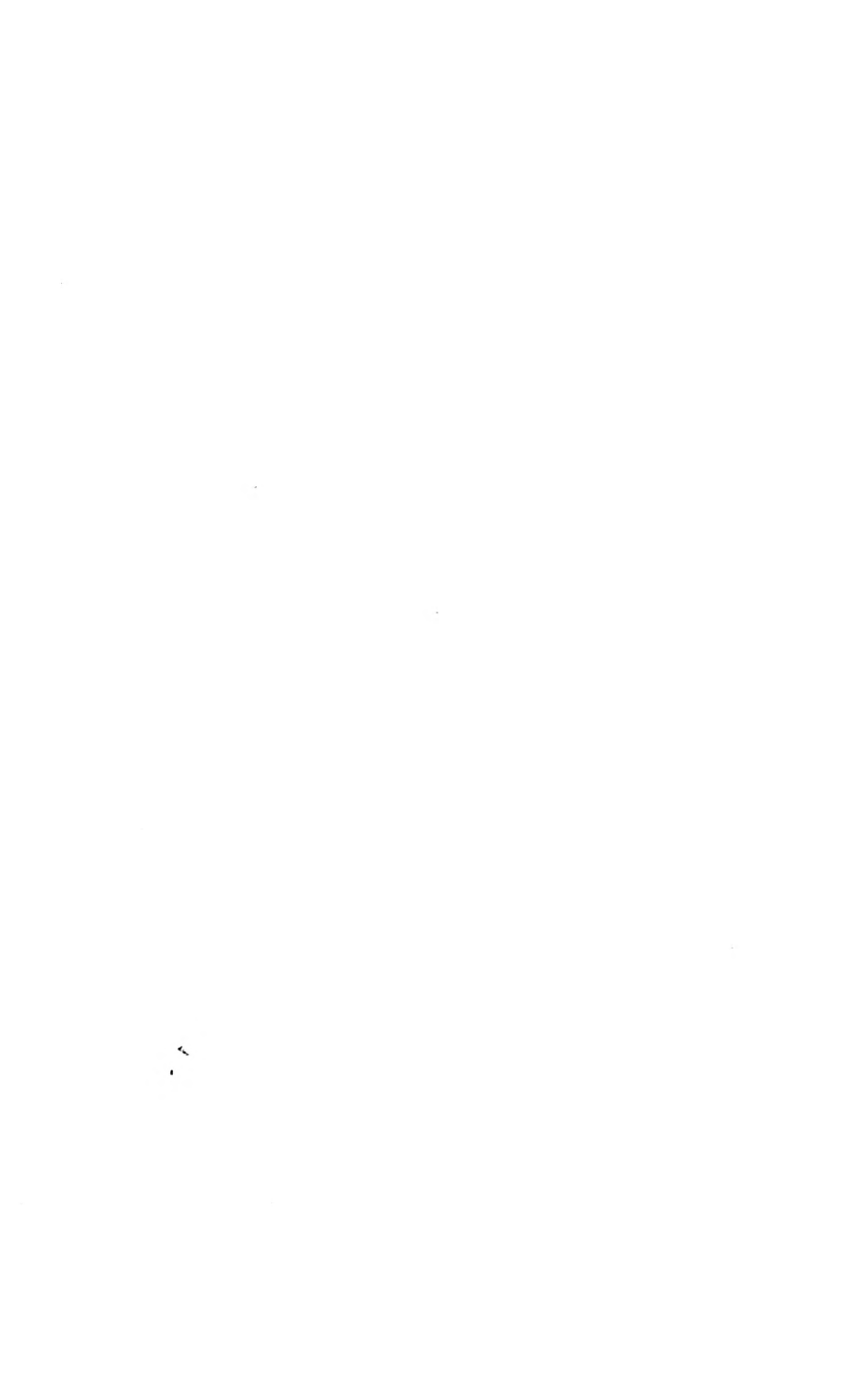
May 30-June 1, Saturday to Monday	Commencement Exercises.
May 30, Saturday	Class Day Exercises and oratorical contests.
May 31, Sunday, 11:00 a.m.	Baccalaureate Sermon.
June 1, Monday, 10:00 a.m.	Commencement Convocation.
June 1, Monday, 1:00 p.m.	Annual Alumni Luncheon and Meeting.
June 1, Monday	Boys' Club Week begins.
June 15, Monday	Summer Sessions begins.
August 7, Friday	Summer Session ends.
September 21, Monday	Registration for 1931-32 session.

Entrance Examinations

Entrance examinations for admission to the various colleges of the University will be conducted for students whose credits do not meet the requirements.

Candidates wishing to take any of these examinations should notify the Registrar in writing, not later than September 1, January 15, June 1, or June 20.

For further information concerning these examinations see under "Admission by Examination"—page 26.



The University Record

of the

University of Florida

*Bulletin of the
College of Law
With Announcements for the Year
1930-31*



Vol. XXV, Series 1

No. 5

June 5, 1930

*Entered in the post office in Gainesville as second-class matter,
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The University Record of the University of Florida is issued once every month except June, when it is issued six times.

The Record comprises:

The Reports of the President and the Board of Control, the Bulletin of General Information, the annual announcements of the individual colleges of the University, announcements of special courses of instruction, and reports of the University Officers.

These bulletins will be sent gratuitously to all persons who apply for them. The applicant should specifically state which bulletin or what information is desired. Address

THE REGISTRAR,
University of Florida,
Gainesville, Florida.

Research Publications.—Research publications will contain results of research work. Papers are published as separate monographs numbered in several series.

There is no free mailing list of these publications. Exchanges with institutions are arranged by the University Library. Correspondence concerning such exchanges should be addressed to the University Librarian, University of Florida, Gainesville, Florida. The issue and sale of all these publications is under the control of the Committee on Publications. Requests for individual copies, or for any other copies not included in institutional exchanges, should be addressed to the University Bookstore, University of Florida, Gainesville, Florida.

The Committee on University Publications,
University of Florida,
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RESIDENT FACULTY

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HARRY RAYMOND TRUSLER, A.M., LL.B. (Michigan), Dean and Professor of Law.

CLIFFORD WALDORF CRANDALL, B.S., LL.B. (Michigan), Professor of Law.

ROBERT SPRATT COCKRELL, M.A., B.L. (Virginia), Professor of Law.

DEAN SLAGLE, A.M., LL.B. (Yale), Professor of Law.

GEORGE WASHINGTON THOMPSON, B.S., LL.B. (Michigan), Professor of Law.

CLARENCE JOHN TE SELLE, M.A., LL.B. (Wisconsin), Professor of Law.

JAMES WESTBAY DAY, A.M., J.D. (Florida), Professor of Law.

STANLEY SIMONDS, A.B., Ph.D. (John Hopkins), Lecturer on Roman Law.

ILA ROUNTREE PRIDGEN, Librarian and Secretary.

GENERAL INFORMATION

HISTORY

Largely thru the influence of Hon. Nathan P. Bryan, then a member of the Board of Control, the College of Law was established in 1909. From this time until 1917 the course comprised the work of two years. With the session of 1917-18 the present three-year course was inaugurated.

At first the College was quartered in Thomas Hall, one of the dormitories. At the opening of the session of 1913-14 more spacious rooms were provided in Language Hall. During the following summer and fall the present structure was erected and on Thanksgiving Day, 1914, the College, with fitting ceremonies, took possession of its own home, one of the finest law school buildings in the South.

PURPOSE

It is the purpose of the College to impart a thoro, scientific, and practical knowledge of the law, and thus to equip its students to take advantage of the splendid opportunities the present readjustments in business and social life are creating. It aims to develop keen, efficient lawyers, conversant with the ideals and traditions of the profession. Its policy is characterized by the emphasis of practice as well as theory; pleading as well as historical perspective; skill in brief making as well as legal information.

EQUIPMENT

Building.—This splendid structure is one hundred and seventy-two feet long, seventy feet wide, and two and one-half stories high. It contains a large, well-lighted library, furnished with bookstacks, library tables, librarian's office, and consultation rooms for students and faculty. It has three commodious lecture-rooms, together with the offices of administration, and the offices of the several resident professors. It contains, also, a handsomely paneled courtroom and auditorium. The courtroom has all the usual accessories, jury box, witness stand, judge's office, and jury room, and is connected with the library below by a circular stairway. Every interest of the College has been provided for, including attractive quarters for the Marshall Law Club. The building is steamheated, lighted by electricity, and equipped thruout with a superior grade of furniture. It is devoted exclusively to the uses of the College of Law and furnishes accommodations as comfortable and as convenient as can be found in the country.

Library.—The Law Library contains over 9,900 volumes. It has all the published reports of the courts of last resort of every State in the Union and of the Federal Courts, the full English Reprints, the English Law Reports, Law Journal Reports, Dominion Law Reports, the reports of the Interstate Commerce Commission and the Land Decisions of the Department of the Interior besides an excellent collection of digests, encyclopedias, series of selected cases, treatises and textbooks, both English and American. The Library also contains the Statutes of several of the States besides those of the Federal Government, and is a subscriber to the leading legal periodicals. A course of instruction is given in legal bibliography and the use of law books. Every facility also is offered law students to make use of the General

Library, in which are included works of interest and information to the lawyer. Both libraries are open during the academic year on every secular day between the hours of 8:00 A. M. and 10:00 P. M., and are in charge of trained librarians, who render needed aid to students.

Henderson Memorial Library.—The College gratefully acknowledges the gift of the library of the late John W. Henderson of Tallahassee. This splendid collection of law books, containing volumes of rare value and historical importance, will be maintained intact in memory of its donor.

ADMISSION

Requirements for Admission.—General information respecting admission may be found in the Bulletin of General Information for 1930-31, pages 26-28; and the specific requirements of the College of Law are given on pages 29-30 of this bulletin.

Women Students.—By an Act of the Legislature of 1925, women who are twenty-one years of age and who fully meet the entrance requirements of the College may enter as candidates for degrees.

Special Students.—The practice of admitting special students (i. e., those not meeting the requirements for admission) has been discontinued.

Advanced Standing.—No work in law done in other institutions will be accepted towards a degree, unless the applicant passes satisfactorily the examinations held in the subjects in question in this College, or unless credit is given without examination. Credit of an average of C from schools which are members of the Association of American Law Schools, of which this College is a member, will be accepted without examination. In no case will credit be given for work not done in residence at an approved law school.

EXPENSES

Full information respecting the expenses of law students may be found in the Bulletin of General Information for 1930-31, pages 36-40.

UNIVERSITY PRIVILEGES

Electives in Other Colleges.—The advantages of the other colleges of the University are open to such students in the College of Law as desire and are able to accept them. Courses in history, economics, sociology, psychology, logic, English, and speech are particularly recommended. No extra charge is made for such courses, but they can be taken only with the consent of the Dean.

Military Science and Tactics.—The University has an infantry unit, senior division of the Reserve Officers Training Corps and a Field Artillery Unit, to membership in which law students are eligible. They are not required, however, to join these organizations or to take any other military drill.

John Marshall Law Club.—Early in the first year of the College the students organized a society that would secure to its members practice in debating and public speaking and experience in arguing legal questions, as well as drill in parliamentary law. The society is now named the John Marshall Law Club, in honor of the distinguished Southern jurist, John Marshall.

PRIZES

Thru the generosity of The American Law Book Company a Corpus Juris-Cyc prize is offered, under certain conditions, for the best work in legal research. Excellency in this work also will be considered in computing the grade of students taking brief making.

The Harrison Company of Atlanta kindly offers a set of the Photographic Reprint of the Florida Supreme Court Reports, vols. 1-22, to the senior doing all his work in this institution and making the highest record during his law course.

DEGREES

Bachelor of Laws.—The degree of Bachelor of Laws (LL.B.) is conferred upon those students who satisfactorily complete eighty-five semester hours of law which must include all of the first-year subjects. Students admitted to advanced standing may receive the degree after one year's residence, but in no case will the degree be granted unless the candidate is in actual residence during all of the third year and passes in this College at least twenty-eight semester hours of law.

All students are required to complete the last twenty-eight credit hours applied towards the degree during regular residence. This may be varied only upon written petition approved by the faculty of the College of Law.

Juris Doctor.—Students who have complied with all the requirements for the degree of Bachelor of Laws (LL.B.), who have maintained an average standing of B in their law studies, and who have obtained the degree of A.B., or an equivalent degree, from an approved college or university, or who secure such degree the same year they complete their law course, will be awarded the degree of Juris Doctor (J.D.).

Combined Academic and Law Course.—By pursuing an approved course of collegiate and law studies a student may earn both the academic and the legal degree in six years. The College of Arts and Sciences and the College of Commerce and Journalism each offers such a combined course. For further particulars, see the Bulletin of General Information for 1930-31, pages 15, 20.

ADMISSION TO THE BAR

Upon presenting their diplomas, duly issued by the proper authorities, and upon furnishing satisfactory evidence that they are twenty-one years of age and of good moral character, the graduates of the College are licensed, without examination, to practice in the courts of Florida. Unless located in some other district, they also are admitted without examination to the United States District Court for the Northern District of Florida.

GRADES

Grades are recorded by use of the letters A (Excellent), B (Good), C (Fair), D (Unsatisfactory but passing), E (Failure). D is the lowest passing grade.

Other special grades are I (Incomplete); X (missed examination with excuse by instructor).

The grade of I must be removed within two months or it will be recorded E.

To obtain the degree applied for a student must earn at the University of Florida as many honor points as credits. In computing an average, each semester hour with A gives three points, each hour of B, two points, each hour of C, one point. Other grades give no points.

STUDENT RULES AND REGULATIONS

No attempt is made in this announcement to give a synopsis of the student rules and regulations of the University. These relate to absences, conduct, dropping courses, failure in studies, honor system, matriculation, and many other important matters. They are printed for distribution to all students. It is the duty of each student to familiarize himself therewith, as his rights and liabilities are determined by them.

PLEADING AND PRACTICE

Courses.—The College is convinced that an intensive knowledge of pleading and practice should be secured by the student, since legal rights cannot be well understood without a mastery of the rules of pleading whereby they are enforced. As Lord Coke declared: "Good pleading is the touchstone of the true sense and knowledge of the common law." The development of right has depended upon the development of actions; the rule of law was the rule of writs and in large measure remains so today. Consequently the College offers thoro courses in criminal pleading and procedure, common law pleading, equity pleading, Florida civil practice, trial practice, and Federal procedure. Thus the student on graduation is enabled to enter understandingly upon the practice of law; and to this fact the College attributes much of the rapid advancement of its alumni.

As young men from all parts of the country in increasing numbers are attending the University, combining the advantages of travel, new associations, and salubrious climate with those of the educational facilities here afforded, the College endeavors to serve those who intend to practice elsewhere as efficiently as those who expect to locate in this state.

The Practice Court.—Believing the students obtain in the Practice Court a better practical knowledge of pleading and practice than can be acquired in any other way, aside from the trial of actual cases, the faculty lay special emphasis upon this work. Sessions of the Practice Court are held throuth the year in a well-equipped courtroom. A clerk and a sheriff are appointed from the junior class, and regular records of the court are kept. Each student is required to participate in the trial of at least one common law, one equity, and one criminal case, and is instructed in appellate procedure.

The Practice Court is conducted by Professor Te Selle, assisted by Professors Cockrell and Day.

SUMMER SESSIONS

Starting in 1927, instruction has been offered during the summer. The sessions are eight weeks in length, the requirements and standards of the regular session are maintained, and credit towards a degree is given for the work offered.

The courses are varied from year to year and have attracted many students. Particulars for next summer may be obtained a month or so before the close of the regular session.

THE CURRICULUM AND COURSES

Curriculum Leading to the Degree of Bachelor of Laws or Juris Doctor.—Students completing the first year as outlined below and a total of 85 semester hours of law credit will be awarded the degree of Bachelor of Laws, or of Juris Doctor, if the requirements therefor are met.

First Semester Course	Credit	Second Semester Course	Credit
First Year.			
Lw. 301—Torts	5	Lw. 302—Equity Jurisprudence	5
Lw. 303—Contracts	3	Lw. 304—Contracts	3
Lw. 305—Criminal Law	2	Lw. 306—Marriage and Divorce	1
Lw. 307—Criminal Procedure	2	Lw. 308—Common Law Pleading	3
Lw. 309—Property	2	Lw. 312—Property	2
Second Year.			
Lw. 401—U. S. Constitutional Law	4	Lw. 402—Evidence	4
Lw. 403—Agency	2	Lw. 404—Quasi Contracts	2
Lw. 405—Equity Pleading	3	Lw. 406—Private Corporations	4
Lw. 407—Brief Making and the Use of Law Books	1	Lw. 408—Legal Ethics	1
Lw. 409—Property	3	Lw. 410—Property	3
Lw. 411—Florida Constitutional Law	2	Lw. 412—Florida Civil Practice	3
Lw. 413—Florida Civil Practice	3	Lw. 416—Insurance	1
Lw. 417—Sales	1		
Third Year.			
Lw. 503—Public Service Corporations	2	Lw. 502—Damages	2
Lw. 505—Federal Procedure	2	Lw. 504—Municipal Corporations	2
Lw. 509—Partnership	2	Lw. 506—Negotiable Instruments	3
Lw. 513—Property	3	Lw. 508—Conflict of Laws	3
Lw. 515—Mortgages	2	Lw. 510—Abstracts	1
Lw. 517—Roman Law	3	Lw. 516—Roman Law	3
Lw. 519—Trial Practice and Practice Court	3	Lw. 518—Trial Practice and Practice Court	3
Lw. 521—Trusts	2	Lw. 520—Bankruptcy	2
		Lw. 522—Admiralty	2

DESCRIPTION OF COURSES

Lw. 301.—Torts. 5 hours. 5 credits. TRUSLER; Assistant, DAY.

History and definitions; elements of torts; conflicting rights; mental anguish; parties to tort actions; remedies; damages; conflict of laws; methods of discharge; comprehensive study of particular torts; false imprisonment, malicious prosecution, abuse of process, conspiracy, slander and libel, trespass, conversion, deceit, nuisance, negligence, and others.

Textbooks: **Burdick on Torts** and **Burdick's Cases on Torts**, fourth edition.

Lw. 302.—Equity Jurisprudence. 5 hours. 5 credits. TRUSLER; Assistant, DAY.

History and definition; jurisdiction; maxims; accident, mistake, fraud; penalties and forfeitures; priorities and notice; bona fide purchasers, estoppel; election; satisfaction and performance; conversion; equitable estates, interest, primary rights; trusts; powers, duties, and liabilities of trustees; mortgages; equitable liens; assignments; specific performance; injunction; reformation; cancellation; cloud on titles; ancillary remedies.

Textbook: **Eaton on Equity**, second edition; selected cases.

Lw. 303.—Contracts—Two sections. 3 hours. 3 credits. THOMPSON.

Formation of contract; offer and acceptance; form and consideration; reality of consent; legality of object; operation of contract; limits of the contract obligation; assignment of contract.

Textbooks: **Clark on Contracts**, third edition; **Throckmorton's Cases on Contracts**, fourth edition.

Lw. 304.—Contracts—Two sections. 3 hours. 3 credits. THOMPSON.

Joint obligations; interpretation of contract; rules relating to evidence and construction; discharge of contract.

Textbooks: **Clark on Contracts**, third edition; **Throckmorton's Cases on Contracts**, fourth edition.

Lw. 305.—Criminal Law—Two sections. 2 hours. 2 credits. COCKRELL.

Sources of criminal law; nature and elements of crime; criminal intent; insanity; intoxication; duress; mistake of fact or law; justification; parties in crime; offenses against the person, habitation, property, public health and morals, public justice and authority, government, and the law of nations.

Textbook: **Clark on Criminal Law**, third edition; selected cases.

Lw. 306.—Marriage and Divorce—Two sections. 1 hour. 1 credit. COCKRELL.

Marriage in general; nature of the relation; capacity of parties; annulment; divorce; suit, jurisdiction, grounds; defenses; alimony; effect on property rights; custody and support of children; agreements of separation.

Textbook: **Vernier's Cases on Marriage and Divorce**.

Lw. 307.—Criminal Procedure—Two sections. 2 hours. 2 credits. COCKRELL.

Jurisdiction; arrest; preliminary examination and bail; grand jury, indictment and information and their sufficiency in form and substance; arraignment, pleas, and motions; nolle prosequi and motions to quash; jeopardy; presence of defendant at the trial; verdict; new trial; arrest of judgment; judgment, sentence, and execution.

Textbook: **Clark's Criminal Procedure**, second edition; selected cases.

Lw. 308.—Common Law Pleading—Two sections. 3 hours. 3 credits. CRANDALL.

History and development of the personal actions at common law; theory of pleading and its peculiar features as developed by the jury trial; demurrers, general and special; pleas in discharge, in excuse, and by way of traverse; replication de injuria; duplicity; departure; new assignment; motions based on pleadings; general rules of pleadings.

Textbook: **Keigwin's Cases on Common Law Pleading**.

Lw. 309.—Property—Two sections. 2 hours. 2 credits. CRANDALL.

Personal property; possession and rights based thereon; acquisition of title; liens and pledges; conversion.

Textbook: Warren's *Cases on Property*.

Lw. 312.—Property—Two sections. 2 hours. 2 credits. DAY.

Introduction to the law of conveyancing; rights incident to the ownership of land, and estates therein, including the land itself, air, water, fixtures, emblements, waste; profits; easements; licenses; covenants running with the land.

Textbook: Warren's *Cases on Property*.

Lw. 406.—Private Corporations. 4 hours. 4 credits. SLAGLE.

Nature; creation and citizenship; defective organization; promoters; powers and liabilities; corporations and the state; dissolution; membership; management; creditors; foreign corporations; practice in forming corporations, preparing by-laws, electing officers, and in conducting corporate business.

Textbooks: Clark on *Private Corporations*, and Wormser's *Cases on Corporations*.

Lw. 407.—Brief Making and the Use of Law Books—Two sections. 2 hours. 1 credit. DAY.

Where to find the law; how to use statutes and decisions; how to find the law; the trial brief; the brief on appeal and its preparation.

Textbook: Cooley's *Brief Making and the Use of Law Books*.

Lw. 408.—Legal Ethics. 1 hour. 1 credit. DAY.

Admission of attorneys to practice; taxation; privileges and exemptions; authority; liability to clients and to third parties; compensation; liens; suspension and disbarment; duties to clients, courts, professional brethren, and society.

Textbooks: *Attorneys at Law in Ruling Case Law* and the *Code of Ethics* adopted by the American Bar Association.

Lw. 409.—Property. 3 hours. 3 credits. DAY.

Titles and conveyancing, including acquisition of titles by possession, modes of conveyance at common law, under the statute of uses, and by statutory grant; the execution of deeds; estates created; covenants for titles; estoppel by deed; priorities among titles.

Textbook: Warren's *Cases on Conveyances*.

Lw. 410.—Property. 3 hours. 3 credits. THOMPSON.

History of the law of wills and testaments; testamentary capacity and intent; kind of wills and testaments; execution, revocation, republication, revival of wills; descent; probate of wills and the administration of estates.

Textbook: Mechem and Atkinson's *Cases on Wills and Administration*.

Lw. 401.—United States Constitutional Law. 4 hours. 4 credits. SLAGLE.

General principles; distribution of governmental powers; congress; the chief executive; the judiciary; police powers; eminent domain; checks and balances; guarantee of republican government; civil rights; political privileges; guarantee in criminal cases; impairment of contractual obligations.

Textbook: Hall's *Cases on Constitutional Law*.

Lw. 402.—Evidence. 4 hours. 4 credits. COCKRELL.

Judicial notice; kinds of evidence; burden of proof; presumptions of law and fact; judge and jury; best evidence rule; hearsay rule and its exceptions; admissions; confessions; exclusions based on public policy and privilege; corroboration; parol evidence rule; witnesses; attendance in court; examination, cross examination, privilege; public documents; records and judicial writings; private writings.

Textbook: Greenleaf on *Evidence*, sixteenth edition, Volume 1; selected cases.

Lw. 403.—Agency. 2 hours. 2 credits. THOMPSON.

Nature of the relation; purposes and manner of creation; who may be principal or agent; ratification; delegation of authority; general and special agents; rights and duties of agents; termination, nature, extent, construction, and execution of authority of agents; rights, duties, and liabilities of agents; principal and third persons inter se; particular classes of agents.

Textbook: Mechem's *Cases on Agency*, second edition.

Lw. 404.—Quasi Contracts. 2 hours. 2 credits. CRANDALL.

Origin and nature of quasi contract; benefits conferred in misreliance on rights or duty, from mistake of law, and on invalid, unenforceable, illegal, or impossible contract; benefits conferred through dutiful intervention in another's affairs; benefits conferred under constraint; action for restitution as alternative remedy for breach of contract and for tort.

Textbook: Woodruff's *Cases on Quasi Contracts*.

Lw. 405.—Equity Pleading. 3 hours. 3 credits. TE SELLE.

Nature and object of pleading in equity; parties to a suit in equity; proceedings in a suit in equity; bills in equity; disclaimer; demurrers and pleas; answer and replication; preparation of bills, demurrers, pleas, answers.

Textbooks: Keigwin's *Cases in Equity Pleading*; *Rules of the Circuit Court in Chancery in Florida*; *Rules of the Federal Court*; *Statutes of Florida*.

Lw. 411.—Florida Constitutional Law. 2 hours. 2 credits. TRUSLER.

Declaration of rights; departments of government; suffrage and eligibility; census and apportionment; counties and cities; taxation and finance; homestead and exemption; married women's property; education; public institutions; miscellaneous provisions.

Textbook: *Constitution, Statutes, and Judicial Decisions of Florida*.

Lw. 412.—Florida Civil Practice. 3 hours. 3 credits. COCKRELL.

Organization of courts; parties; joinder and consolidation of actions; issuance, service, and return of process; appearance; trial; verdict; proceedings after verdict; appellate proceedings; peculiar characteristics of the common law actions; special proceedings including certiorari, mandamus, prohibition, quo warranto, habeas corpus, attachment, garnishment, statutory liens, forcible entry and detainer, landlord and tenant.

Textbook: *Crandall's Florida Civil Practice*.

Lw. 413.—Florida Civil Practice. 3 hours. 3 credits. CRANDALL.

Organization of courts; parties; joinder and consolidation of actions; issuance, service, and return of process; appearance; trial; verdict; proceedings after verdict; appellate proceedings; peculiar characteristics of the common law actions; special proceedings including certiorari, mandamus, prohibition, quo warranto, habeas corpus, attachment, garnishment, statutory liens, forcible entry and detainer, landlord and tenant.

Textbook: *Crandall's Florida Civil Practice*.

Lw. 416.—Insurance. 1 hour. 1 credit. TE SELLE.

Theory, history, significance; insurable interest; concealment, representations, warranties; subrogation; waiver and estoppel; assignees, beneficiaries; creditors; fire, life, marine, accident, guarantee, liability insurance.

Textbooks: *Humble's Law of Insurance* and *Humble's Cases on Insurance*.

Lw. 417.—Sales. 1 hour. 1 credit. DAY.

Sale and contract to sell; statute of frauds; illegality; conditions and warranties; delivery; acceptance and receipt; vendor's lien; stoppage in transitu; bills of lading; remedies of seller and buyer.

Textbook: *Tiffany on Sales*, second edition.

Lw. 502.—Damages. 2 hours. 2 credits. TRUSLER.

General principles; nominal; compensatory; exemplary; liquidated; direct and consequential; proximate and remote; general and special; measure in contract and tort actions; entire damages⁴ in one action; mental suffering; avoidable consequences; value; interest; lateral support; counsel fees and expenses of litigation; injuries to real property and limited interests; death by wrongful act; breaches of warranty.

Textbook: *Rogers' Law of Damages*; selected cases.

Lw. 503.—Public Service Corporations. 2 hours. 2 credits. SLAGLE.

Nature of public utilities; railroads and other common carriers of goods and passengers; telegraphs and telephones; light and water companies; inns; warehouses; elevators; stockyards; methods of incorporation; public control; rights and obligations at common law and under federal and state statutes.

Textbook: *Wyman's Cases on Public Service Companies*, third edition.

Lw. 504.—Municipal Corporations. 2 hours. 2 credits. CRANDALL.

Definition and nature; origin and history; incorporation and incidents of existence; corporate agencies; officers; legislation; powers; revenue; contracts; property rights; liability for wrongs; remedies.

Textbook: *Tooke's Cases on Municipal Corporations.*

Lw. 505.—Federal Procedure. 2 hours. 2 credits. SLAGLE.

System of courts created under the authority of the United States, jurisdiction of the several courts and procedure therein, removal of cases from state courts; substantive law applied by federal courts; appellate jurisdiction.

Textbook: *Rose on Federal Jurisdiction and Procedure*, third students' edition.

Lw. 506.—Negotiable Instruments. 3 hours. 3 credits. DAY.

Law merchant; definitions and general doctrines; contract of the maker, acceptor, certifier, drawer, indorser, vendor, accommodator, assurer; proceedings before and after dishonor of negotiable instruments; absolute defenses; equities; payments; conflict of laws.

Textbook: *Britton's Cases on Bills and Notes.*

Lw. 508.—Conflict of Laws. 3 hours. 3 credits. SLAGLE.

Jurisdiction; sources of law and comity; territorial jurisdiction; jurisdiction in rem and in personam; remedies, rights of action, procedure; creation of rights; property rights; personal rights; inheritance; obligations ex delicto and ex contractu; recognition and enforcement of rights; personal relations; property inheritance; administration of estates; judgments and obligations.

Textbook: *Lorenzen's Cases on Conflict of Laws*, second edition.

Lw. 509.—Partnership. 2 hours. 2 credits. THOMPSON.

Creation, nature, characteristics of a partnership; nature of a partner's interest; nature, extent, duration of the partnership liability; powers of partners; rights, duties, remedies of partners inter se; rights and remedies of creditors; termination of partnership.

Textbook: *Gilmore's Cases on Partnership.*

Lw. 510.—Abstracts. 1 hour. 1 credit. THOMPSON.

Practical problems covering the interpretation of maps and the plotting of lots described by metes and bounds; the formal requisites of the different conveyances in use in Florida; deeds executed by public and judicial officers; liens and contracts for the sale of lands.

Textbooks: *Thompson's Examination of Titles; Florida Statutes* and selected Florida cases.

Lw. 513.—Property. 3 hours. 3 credits. CRANDALL.

Conditional estates; licenses and waivers; reversions and remainders; rule in Shelley's Case; future uses; future interests; executory devises and bequests; vesting of legacies; cross limitations; gifts; failure of issue; determination of classes; powers; rule against perpetuities; restraints on alienation.

Textbook: *Kale's Cases on Future Interests.*

Lw. 515.—Mortgages. 2 hours. 2 credits. COCKRELL.

Nature; elements; incidents of the relation; discharge; assignment; redemption; foreclosure; injunction and account; extent of the lien; priority between mortgage liens and competing claims; equity of redemption.

Textbook: *Durfee's Cases on Mortgages.*

Lw. 516.—Roman Law. 3 hours. 3 credits. SIMONDS.

Readings, references, and reports. Subjects treated: Roman public law; Roman international law; Stoic philosophy and the Jus Gentium; Christianity and the Roman law; Roman law in mediaeval Europe; the revival of Roman law; the Roman element in modern jurisprudence.

Lw. 517.—Roman Law. 3 hours. 3 credits. SIMONDS.

The fundamental legal conceptions which are found in Roman law. Readings in the Institutes of Gaius and Justinian (Robinson's Selections), with constant reference to Sohm—*Institutes of Roman Law*—translated by Ledley. Topics assigned for reports. Lectures with chief stress on Private Law.

Lw. 518.—Trial Practice and Practice Court. 3 hours. 3 credits. TE SELLE.

Trials; verdicts; judgments; new trials; bills of exceptions. Preparation of pleadings and trial of cases.

Textbook: McBaine's *Cases on Trial Practice*.

Lw. 519.—Trial Practice and Practice Court. 3 hours. 3 credits. TE SELLE.

Jurisdiction; process; the jury; instructions. Preparation of pleadings and trial of cases.

Textbook: McBaine's *Cases on Trial Practice*.

Lw. 520.—Bankruptcy. 2 hours. 2 credits. TE SELLE.

Federal and state bankruptcy legislation; who may become bankrupt; prerequisites to adjudication; receivers; trustees; provable claims; exemptions; composition; discharge; appeals.

Textbook: Britton's *Cases on Bankruptcy*.

Lw. 521.—Trusts. 2 hours. 2 credits. DAY.

The Anglo-American system of uses and trusts; creation, transfer, extinguishment of trust interests; priorities between competing equities; construction of trust dispositions; charitable trusts.

Textbook: *Bogert on Trusts*; selected cases.

Lw. 522.—Admiralty. 2 hours. 2 credits. SLAGLE.

Jurisdiction; contracts, torts, crimes; maritime liens, ex contractu, ex delicto, priorities, discharge; bottomry and respondentia obligations; salvage; general average.

Textbook: *Hughes on Admiralty*.

THE UNIVERSITY CALENDAR

1930-31

The Summer Session

1930

June 16, Monday	Summer Session begins.
June 28, Saturday	Last day for filing application for degree at the end of the summer session.
July 4, Friday	Independence Day, a holiday.
July 14, Monday	Last day to make graduate applications.
July 23, Wednesday.....	Last day for submitting theses to the Graduate Committee.
August 6, Wednesday, 8:00 p.m.....	Summer Session Commencement Convocation.
August 8, Friday, 5:00 p.m.....	Summer Session ends.
August 18, Monday	Farmers' Week begins.
August 30, Saturday.....	Last day for filing applications for fall re-examinations.

First Semester

September 11-13. Thursday to Saturday	Entrance examinations.
September 15, 16, 17, Monday thru Wednesday	Re-examinations.
September 15-19, Monday thru Friday.....	Freshman registration and orientation, including Engineering Qualifying Examination and other tests. (A special program of the routine of this week will be available by June 1, 1930.) All freshmen must be present at the University Auditorium at 11:00 o'clock a.m., Monday, September 15, or they will not be registered during that week and will be required to pay the fees for late registration.
September 18-19, Thursday and Friday.....	Registration for upperclassmen.
September 22, Monday 8:00 a.m.....	Classes meet for the first time.
September 29, Monday 8:00 a.m.....	Changes in courses—fee \$2.00.
October 6, Monday, 7:00 p.m.	Meeting of the General Faculty.
October 11, Saturday, 12:00 noon.....	Registration for classes in the first semester closes. Last day for making applications for degrees at the end of the first semester.
October 17, Friday, 5:00 p.m.....	All freshmen grades due in the office of the Registrar.
October 18, Saturday, 12:00 noon.....	Last day for dropping courses without grade. Annual Dad's Day and Homecoming.

October 31, Friday, 5:00 p.m.....	Last day for graduate applications.
November 8, 3:00 p.m.....	Dedication for new stadium.
November 11, Tuesday	Armistice Day, a holiday.
November 21, Friday, 5:00 p.m.....	Mid-semester grades are due in the office of the Registrar.
November 27, Thursday	Thanksgiving Day, a holiday.
December 19, Friday, 5:00 p.m.....	Christmas Recess begins.
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January 5, Monday, 8:00 a. m.....	Christmas Recess ends.
January 17, Saturday, 12:00 noon.....	Last date for submitting theses to Graduate Committee.
January 22, Thursday, 8:00 a.m.	Final examinations for the first semester begin.
January 30, Friday, 5:00 p.m.....	First semester ends.
January 31, Saturday, 12 noon.....	All semester grades are due in the office of the Registrar.
Saturday, 8:00 p.m.....	Commencement Convocation.

Second Semester

February 2 and 3, Monday and Tuesday	Second semester begins. Registration for second semester.
February 4, Wednesday, 8:00 a.m.....	Second semester classes begin. Change in courses—fee \$2.00. Late registration fee \$5.00.
February 7, Saturday, 12:00 noon.....	Registration for second semester closes.
February 14, Saturday, 2:00 p.m.....	Meeting of the General Faculty.
February 21, Saturday, 12:00 noon.....	Last date for filing applications for re-examinations.
February 28, and March 7, 2-5 p.m.....	Re-examinations.
February 28, Saturday, 12:00 noon.....	Last date for application for degrees at the end of the second semester. Last date for filing graduate applications for those entering the second semester.
March 7, Saturday, 12:00 noon.....	Last day for dropping a course without grade.
April 3, Friday, 5:00 p.m.....	Mid-semester grades are due in the office of the Registrar.
April 8, Wednesday, 5:00 p.m.....	Spring holiday begins.
April 13, Monday, 8:00 a.m.....	Classes resumed.
May 11, Monday, 5:00 p.m.....	Last day for submitting theses to Graduate Committee.
May 23, Saturday, 8:00 a.m.....	Final examinations begin.
May 30, Saturday, 2:00 p.m.....	Meeting of the General Faculty.

May 30-June 1, Saturday to Monday.....	Commencement Exercises.
May 30, Saturday	Class Day Exercises and oratorical con- tests.
May 31, Sunday, 11:00 a.m.	Baccalaureate Sermon.
June 1, Monday, 10:00 a.m.	Commencement Convocation.
June 1, Monday, 1:00 p.m.	Annual Alumni Luncheon and Meeting.
June 1, Monday	Boys' Club Week begins.
June 15, Monday	Summer Sessions begins.
August 7, Friday	Summer Session ends.
September 21, Monday.....	Registration for 1931-32 session.

Entrance Examinations

Entrance examinations for admission to the various colleges of the University will be conducted for students whose credits do not meet the requirements.

Candidates wishing to take any of these examinations should notify the Registrar in writing, not later than September 1, January 15, June 1, or June 20.

The University Record

of the

University of Florida

Bulletin of the

College of Agriculture

With Announcements for the

Year 1930-31



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June 10, 1930

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The University Record of the University of Florida is issued once every month except June, when it is issued six times.

The Record comprises:

The Reports of the President and the Board of Control, the Bulletin of General Information, the annual announcements of the individual colleges of the University, announcements of special courses of instruction, and reports of the University Officers.

These bulletins will be sent gratuitously to all persons who apply for them. The applicant should specifically state which bulletin or what information is desired. Address

THE REGISTRAR
University of Florida
Gainesville, Florida

Research Publications.—Research publications will contain results of research work. Papers are published as separate monographs numbered in several series.

There is no free mailing list of these publications. Exchanges with institutions are arranged by the University Library. Correspondence concerning such exchanges should be addressed to the University Librarian, University of Florida, Gainesville, Florida. The issue and sale of all these publications is under the control of the Committee on Publications. Requests for individual copies, or for any other copies not included in institutional exchanges, should be addressed to the University Bookstore, University of Florida, Gainesville, Florida.

The Committee on University Publications
University of Florida
Gainesville, Florida

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THE COLLEGE OF AGRICULTURE FACULTY

ADMINISTRATION

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RUBY NEWHALL, Secretary, Experiment Station and Extension Service

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LLOYD ELLIS WEST, A.B., Fellow in Agricultural Chemistry

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(on leave of absence 1930-31)
DOYLE EDGAR TIMMONS, M.S.A., Assistant Professor of Farm Economics
RAYMOND HOLT HOWARD, B.S.A., Instructor in Farm Management
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ZACH SAVAGE, B.S., Graduate Assistant in Agricultural Engineering

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MALCOLM ROY BEDSOLE, B.S.A., Fellow in Agronomy

ROBERT SPENCER EDSALL, B.S.A., Fellow in Agronomy

IVAN ERNEST MILES, B.S., Fellow in Agronomy

ROBERT BUCHANAN WOOTEN, B.S., Graduate Assistant in Agronomy

AARON WHITNEY LELAND, Farm Foreman

ANIMAL HUSBANDRY AND DAIRYING

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 Graduate Assistant in Animal Husbandry

ALLEN PAUL MULLINS, Herdsman

BOTANY AND BACTERIOLOGY

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WILLIAM RICHARD CARROLL, M.S., Assistant Professor of Botany and Bacteriology

ENTOMOLOGY AND PLANT PATHOLOGY

RALPH DAVIS DICKEY, B.S.A., Assistant Professor of Entomology and Plant Pathology

JOHN THOMAS CREIGHTON, M.S., Instructor in Entomology and Plant Pathology

HENRY ALVIN BESS, B.S., Graduate Assistant in Entomology and Plant Pathology

HORTICULTURE

WILBUR LEONIDAS FLOYD, M.S., Professor of Ornamentals and Forestry

EARLL LESLIE LORD, M.S., Professor of Pomology

CHARLES ELLIOTT ABBOTT, M.S., Assistant Professor of Propagation and Vegetable Growing

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JOHN CALVIN GRAVES, B.S.A., Graduate Assistant in Horticulture

LANDSCAPE DESIGN

ALAN BEVERLY BUBRITT, M.L.A., Associate Professor of Landscape Design

POULTRY HUSBANDRY

NATHAN WILLARD SANBORN, M.D., Professor of Poultry Husbandry

VETERINARY SCIENCE

ARTHUR LISTON SHEALY, B.S., D.V.M., Professor of Veterinary Science

EXPERIMENT STATION STAFF

AGRONOMY

WILLIAM EUGENE STOKES, M.S., Agronomist, Head of Department
 WALTER ANTHONY LEUKEL, Ph.D., Associate Agronomist
 JOHN PERLIN CAMP, M.S.A., Assistant Agronomist
 FRED HAROLD HULL, M.S., Assistant Agronomist
 GEORGE EDGAR RITCHEY, M.S., Assistant Agronomist (Cooperation with
 U.S.D.A.)
 JACOB DEWEY WARNER, M.S., Assistant Agronomist
 HENRY ZEIGLER, Farm Foreman for Agronomy and Animal Husbandry Depart-
 ment's

ANIMAL HUSBANDRY

ARTHUR LISTON SHEALY, B.S., D.V.M., Veterinarian, Head of Department
 RAYMOND BROWN BECKER, Ph.D., Associate in Dairy Husbandry,
 DORSEY ADDREN SANDERS, B.S., D.V.M., Associate Veterinarian, West Palm
 Beach Field Laboratory
 WAYNE MILLER NEAL, Ph.D., Assistant in Animal Nutrition
 EZEKIEL FRED THOMAS, D.V.M., Assistant Veterinarian
 CHARLES RALPH DAWSON, B.S.A., Assistant in Dairy Investigations

CHEMISTRY

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 ROBERT MARLIN BARNETTE, Ph.D., Associate Chemist
 CHARLES EDWARD BELL, M.S., Assistant Chemist
 JOHN MELTON COLEMAN, B.S., Assistant Chemist
 JACKSON BOLING HESTER, M.S., Assistant Chemist

COTTON INVESTIGATIONS

WILLIAM ANGUS CARVER, Ph.D., Assistant Cotton Specialist
 EDGAR FREDERICK GROSSMAN, M.A., Assistant Entomologist, Cotton
 RAYMOND MERCHANT CROWN, B.S.A., Field Assistant, Cotton

ECONOMICS, AGRICULTURAL

CLARENCE VERNON NOBLE, Ph.D., Agricultural Economist, Head of Department
 BRUCE MCKINLEY, A.B., B.S.A., Associate Agricultural Economist
 MARVIN ADEL BROOKER, M.S.A., Assistant Agricultural Economist
 JOHN LEVI WANN, B.S.A., Assistant Agricultural Economist

ECONOMICS, HOME

QUIDA DAVIS ABBOTT, Ph.D., Head of Department
 CHESTER FREDERICK AHMANN, Ph.D., Physiologist
 LEONARD WILLIAM GADDUM, Ph.D., Biochemist

ENTOMOLOGY

JOSEPH RALPH WATSON, M.A., Entomologist, Head of Department
 CARLOS C. GOFF, M.S., Assistant Entomologist, Leesburg Field Laboratory
 ARCHIE NEWTON TISSOT, M.S., Assistant Entomologist
 J. W. WILSON, Ph.D., Assistant Entomologist, Pierson Field Laboratory
 FRED WINTER WALKER, Assistant Entomologist, Monticello Field Laboratory
 LOUIS WILLIAM ZIEGLER, B.S.A., Assistant Entomologist
 HOMER EELLS BRATLEY, M.S.A., Assistant in Entomology

HORTICULTURE

ARTHUR FORREST CAMP, Ph.D., Horticulturist, Head of Department
 HAROLD MOWRY, B.S.A., Associate Horticulturist
 GULIE HARGROVE BLACKMON, M.S.A., Pecan Culturist
 MARTIN RUSSELL ENSIGN, M.S., Assistant Horticulturist
 ARTHUR LOUIS STAHL, Ph.D., Assistant Horticulturist
 CLINTON BURTON VAN CLEEF, M.S.A., Greenhouse Foreman, Test Grounds

PLANT PATHOLOGY

WILLIAM BURLEY TISDALE, Ph.D., Plant Pathologist, Head of Department
 ALBERT NELSON BROOKS, Ph.D., Associate Plant Pathologist, Plant City Field
 Laboratory
 ARTHUR STEVENS RHOADS, Ph.D., Associate Plant Pathologist, Cocoa Field
 Laboratory
 CLARENCE MITCHELL TUCKER, Ph.D., Associate Plant Pathologist, Hastings
 Field Laboratory
 MARION NEWMAN WALKER, Ph.D., Associate Plant Pathologist, Leesburg Field
 Laboratory
 GEORGE FREDERICK WEBER, Ph.D., Associate Plant Pathologist
 AUTHOR HAMNER EDDINS, Ph.D., Assistant Plant Pathologist
 KENNETH WILFRED LOUCKS, M.S., Assistant Plant Pathologist
 GEORGE DEWEY RUEHLE, Ph.D., Assistant Plant Pathologist
 WILLIAM BYRON SHIPPY, Ph.D., Assistant Plant Pathologist, Leesburg Field
 Laboratory
 ERDMAN WEST, B.S., Mycologist

DAVID G. KELBERT, Field Assistant in Plant Pathology, Bradenton Field Laboratory

ROBERT EMMETT NOLEN, M.S.A., Field Assistant in Plant Pathology, Plant City Field Laboratory

CITRUS EXPERIMENT STATION, LAKE ALFRED

JOHN HENRY JEFFERIES, Superintendent

BONNIE REID FUDGE, Ph.D., Assistant Chemist

WILLIAM ABRAHAM KUNTZ, M.S., Assistant Plant Pathologist

WILLIAM L. THOMPSON, B.S., Assistant Entomologist

EVERGLADES EXPERIMENT STATION, BELLE GLADE

ROBERT VERRILL ALLISON, Ph.D., Soils Specialist in Charge

FREDERICK DELOS STEVENS, B.S., Associate Agronomist on Sugarcane Investigations

H. H. WEDGEWORTH, M.S., Associate Plant Pathologist

R. N. LODDELL, M.S., Assistant Entomologist

GEORGE E. TEDDER, Foreman

ERNEST RUDOLPH PURVIS, M.S., Laboratory Assistant, Soils

FRED YOUNT, Office and Field Assistant

SUB-TROPICAL EXPERIMENT STATION, HOMESTEAD

LEONARD RAYMOND TOY, B.S.A., Assistant Horticulturist

STACY O. HAWKINS, M.A., Field Assistant in Plant Pathology

TOBACCO EXPERIMENT STATION, QUINCY

LEVI OTTO GRATZ, Ph.D., Associate Plant Pathologist in Charge

RANDALL RICH KINCAID, M.A., Assistant Plant Pathologist

JESSE REEVES, Farm Foreman

AGRICULTURAL EXTENSION SERVICE STAFF

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HAROLD GRAY CLAYTON, M.S.A., District Agent

JESSE LEE SMITH, District Agent

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HAMLIN L. BROWN, B.S., Dairy Specialist

EZRA FRANKLIN DEBUSK, B.S., Citrus Pathologist and Entomologist

NORMAN RIPLEY MEHRHOF, M.Agr., Poultryman

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FLAVIA GLEASON, State Agent
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 RUBY McDAVID, District Agent
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 Jefferson, Monticello: E. H. Finlayson; Miss Ruby Brown
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 Madison, Madison: B. E. Lawton
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 Okeechobee, Okeechobee: C. A. Fulford
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 Osceola, Kissimmee: J. R. Gunn; Miss Albina Smith
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 St. Lucie, Fort Pierce: Alfred Warren
 Santa Rosa, Milton: John G. Hudson, Miss Eleanor Barton
 Taylor, Perry: R. S. Dennis
 Union, Lake Butler: L. T. Dyer; Miss Pearl Jordan
 Volusia, DeLand: T. A. Brown; Miss Orpha Cole
 Wakulla, Crawfordville: D. M. Treadwell
 Walton, DeFuniak Springs: Mitchell Wilkins; Miss Eloise McGriff
 Washington, Chipley: Gus York

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A. A. Turner, Local District Agent, Tallahassee
 Julia A. Miller, Local District Agent

COUNTY WORKERS

Alachua, Gainesville: William Stockton
 Columbia, Lake City: E. S. Belvin
 Duval, Jacksonville: Olive L. Smith
 Jackson, Marianna: J. E. Granberry
 Jefferson, Monticello: M. E. Groover
 Leon, Tallahassee: Alice W. Poole
 Marion, Ocala: W. B. Young; Idella Ranson (at Reddick)
 Madison, Madison: E. J. Bragg; Althea Ayer
 Orange, Orlando: Mamie W. Wright
 Suwannee, Live Oak: C. T. Evans
 St. Johns, St. Augustine: M. A. Caldwell
 Sumter, Webster: Diana H. Finlayson

GENERAL STATEMENT

The College of Agriculture has three divisions:

1. Instruction Division (the College proper)
2. Research Division (Experiment Station)
3. Agricultural Extension Service

THE COLLEGE

Aim and Scope.—The College was established under the Act of Congress creating and endowing institutions for the liberal and practical education of the industrial classes. Recognition of agriculture as a branch of collegiate instruction is a distinctive feature of schools thus founded.

The aim of the college is to afford young men the best possible opportunity for gaining technical knowledge and training in the art and science of agriculture. About one-third of the student's time is devoted to technical studies, the other two-thirds to cultural studies and basic sciences. A foundation is thus laid which will enable graduates to become leaders in educational work or effective producing agriculturists.

Buildings and Equipment.—The Agriculture Building, a brick and concrete structure three stories high, provides offices, classrooms and laboratories for several departments of the college, including Agronomy, Agricultural Engineering, Animal Husbandry and Dairying, Horticulture, Landscape Design, Entomology and Plant Pathology. The Horticulture Building, of brick and concrete, three stories and attic, contains the office of the Dean, offices of Agricultural Extension workers and of the State Plant Board; also the classrooms and laboratories of the departments of Agricultural Economics, Poultry Husbandry and Veterinary Science. The Experiment Station Library and Mailing Rooms are included in this building.

The College Farm consists of 135 acres, used primarily for instruction purposes. The farm is equipped with a foreman's house, general barn for work stock, modern dairy barn, silos, beef cattle barn, veterinary hospital, sweet potato storage house, greenhouses, corn crib, fertilizer house, machinery shed, slat house and cold frames, poultry houses, stock lots and sheds, irrigation systems and a number of types and breeds of cattle, hogs and other farm animals. The Experiment Station Farm of over 700 acres, joins the College Farm and is also accessible for instruction and demonstration.

Libraries.—Many works on agriculture and horticulture have recently been added to the general library. A trained librarian aids students in finding needed references. Each department has, furthermore, a small collection of well selected volumes which are always accessible. The Experiment Station Library contains a very complete set of bulletins from the experiment stations of the world and from the United States Department of Agriculture, all fully indexed and carefully filed.

The Agricultural Club.—This is a voluntary association of students in the college. Its purpose is to give training in public speaking and in preparation

for leadership. The programs consist mainly of essays and debates on agricultural or civic topics or speeches by members and visitors. Meetings are held weekly.

Fellowships.—L. P. Moore; Chilean Nitrate of Soda; Penney-Gwinn (2).

Scholarships.—County Agricultural; Boys' Clubs.

Loan Fund.—William Wilson Finley Foundation.

For details concerning all of the above, see Bulletin of General Information.

Remunerative and Instructive Labor.—Opportunities frequently occur for students to work in the fields and truck gardens, about the barns, in the buildings, and at the Agricultural Experiment Station. Those who engage in agricultural pursuits during vacation periods will be markedly benefited and after graduation will command more desirable positions or find their efforts on the farm more effective. A few students are employed as waiters, as janitors and in other capacities. Such employment is not as a rule given to a student otherwise specially able to attend the University, nor is it given to one who fails in any study. Application for employment should be made to Mr. R. C. Beaty, Assistant to the Dean of Students, Gainesville, Fla.

Donations and Loans.—The laboratories have been supplied with much of their farm machinery for instructional purposes through the generosity of the following manufacturers and distributors: McCormick-Deering Co., Jacksonville; Gulf Fertilizer Co., Tampa; Florida Agricultural Supply Co., Orlando; Southern States Lumber Co., Pensacola; Peninsula Chemical Co., Orlando; Gould Pump Co., Seneca Falls, N. Y.; Owensboro Ditcher Co., Owensboro, Ky.; Oliver Chilled Plow Works, South Bend, Ind.; Challenge Co., Batavia, Ill.; DeLaval Separator Co., New York; Plow Mate, Inc., Cleveland, O.; Caterpillar Tractor Co., Peoria, Ill.

SUMMER SESSION

The College of Agriculture is rotating the courses offered in summer so that in a succession of two or three years all studies of greatest interest will be given.

Graduate students interested in agriculture may find these desirable. Undergraduates may take them for college credit.

Mature students who have not completed entrance requirements may, on the approval of the Dean and the Director of the Summer Session, enroll as adult specials for the practical value of the information gained in courses desired, provided they conform to other requirements of the Summer Session.

THE AGRICULTURAL EXPERIMENT STATION

Aim and Scope.—The Agricultural Experiment Station is an institution founded by Congressional act for the purpose of acquiring and diffusing agricultural knowledge. From the enacting clause it is evident that Congress intended to establish such an institution, for purely investigational work, in connection with every college and university receiving the benefits of the original "Land-Grant Act".

The Florida Agricultural Experiment Station was founded in 1887 and has continued without interruption since that time. Part of its funds are obtained from Federal sources and, in compliance with Federal law, such income is used for acquiring new and important knowledge in regard to crops, soils and livestock, and for research in agriculture and home economics. No funds can be expended, either directly or indirectly, for teaching purposes or for holding farmers' institutes, and only a small per cent of the Station's income may be used for buildings. In order to receive the benefits of the Federal Adams, Hatch and Purnell funds, the Station must, before any money is spent in investigation, submit plans or projects for proposed experiments to the Office of Experiment Stations of the United States Department of Agriculture for approval.

Funds appropriated by the State of Florida are budgeted for definite investigations or lines of work, and it is the duty of the Station to conduct these investigations and secure and publish the information needed.

Location.—The Main Experiment Station is located at the University. Its administrative offices, editorial rooms and library are in the Horticulture Building and the entire three floors of the Experiment Station Building are given over to its departmental offices and laboratories. The advantages of having the Main Station at the University are obvious. The research workers deliver popular and technical lectures, either to the student-body as a whole or to special clubs and local organizations. The experiment fields and orchards, as well as the research laboratories, contribute to the opportunities of students for studying methods of scientific investigation. Some with special aptitude have an opportunity of assisting the specialists in charge. Minor positions, such as those of laboratory assistants, are occasionally open and whenever possible are given to students of the University. The fields and plots of the Main Station adjoin the University campus and are a part of the University grounds.

In addition to the Main Station, it has been found necessary to establish branch stations at four points in the State in order to serve areas in which conditions, soils, etc., are radically different from those at the Main Station. These are the Citrus Station at Lake Alfred, for the special study of problems of the citrus grower; the Tobacco Station at Quincy, for the study of the problems of particular interest to the tobacco grower; the Everglades Station at Belle Glade, for the purpose of making investigations, tests and experiments in agricultural problems as applied to conditions of the Everglades; and the Sub-Tropical Station at Homestead, for problems peculiar to this sub-tropical area.

The branch stations are units of a general experiment station system and are directed and administered from the general office at the Main Station. A superintendent, or other official, is in charge of each branch station and research workers are permanently assigned to the various stations for work upon the projects being investigated. These workers are responsible to department heads at the Main Station for the work done by them or under their direction.

The Main Station and its branches constitute a system which is operated to give, as fully as possible, the maximum of scientific results with the minimum of administrative expense.

Field Laboratories.—Several field laboratories have been established at various points over the State where problems peculiar to a particular crop or area require investigation. At present these include a field laboratory at Hastings for the study of Irish potato diseases; a second at Bradenton for the study of nailhead rust of tomatoes; a third at Cocoa for certain citrus investigations; a fourth at Plant City for the study of strawberry diseases; a fifth at Monticello for study of pecan insect pests and diseases; a sixth at Pierson for control work on insect pests of ferns; a seventh at Leesburg for the study of diseases and insect pests of watermelons and diseases of ferns and ornamentals, and an eighth at West Palm Beach for the study of anaplasmosis of cattle.

The field laboratory is not a permanent feature of the Experiment Station system, like the branch stations, but may be established wherever its need is apparent for work which cannot be performed at the regular stations. When this work has been accomplished, the laboratory will be removed or abolished. One or more research workers are placed at each field laboratory under the general direction of the department, or departments, of the Main Station concerned with the work to be done.

Experiment Station Library.—The library of the Experiment Station is maintained for the use of the agricultural research workers. Its reading room, however, is open to anyone caring to use it. It is a depository for the publications issued by the United States Department of Agriculture and by all agricultural experiment stations of this and many foreign countries. It contains also the most important general scientific and technical journals and periodicals, as well as text books and reference books relating to agriculture and the related sciences. The library is located on the second floor of the Horticulture Building.

Lines of Investigation.—The lines of investigation conducted by the Station fall into several departments: agronomy, agricultural economics, animal husbandry, chemistry, cotton investigations, entomology, home economics, horticulture, and plant pathology. The work of the Station is, however, not sharply divided among these different departments. The staff formulates what are known as projects, the work of which is continued regardless of whether its ramifications take it into one or another department, and it is possible for two or more departments to be engaged in the study of various phases of the same problem.

At the present time more than 150 projects are being investigated and these include as many as possible of the major problems of the State's agricultural industries.

Some of the more important of these projects are:

The study of soils and fertilizers on citrus, pecans, farm and truck crops, in relation to plant growth and development.

The study of citrus diseases.

The study of vegetable diseases.

The study of the control of root-knot and vegetable insects.
 The study of pean diseases, insects, varieties and cultural methods.
 Control of aphids and other citrus insects.
 Comparison of rations for economical milk and pork production.
 The study of tobacco diseases and insect pests.
 Cooperative experiments to ascertain the value of new forage crops and grasses.
 Testing native and newly introduced grasses to determine their value as permanent pastures.
 Citrus breeding work.
 Adaptation test plots of fruits, vegetables, cereals, grass and forage crops on muck soils.
 The study of livestock and poultry diseases.
 The study of the control of cotton diseases and insect pests.
 Cotton breeding work.
 Corn breeding and variety tests.
 Phenological studies on truck crops in Florida.
 Physiology of fruit production.
 The study of the limiting factor in the production of Vitamin A.
 Economic studies of various crops and farming areas.
 Stimulation of plant response on the raw peat soils of the Everglades through the use of copper sulphate and other chemicals.

Publications.—The publications fall into three classes: bulletins, press bulletins and annual reports. The bulletins contain more or less complete results of particular investigations. At least four, and often as many as eight or ten, are issued annually, 212 having appeared to date. The press bulletins are prepared in order to bring to the citizens of Florida information connected with various phases of certain projects in which all phases have not been completed, or relative to small projects on which the information to be released does not require a large publication. Press bulletins are issued at short intervals, 426 having already appeared. The annual reports contain brief statements of the work done during each year, as well as the expenditure of funds; 40 have been published. All of these publications are distributed free upon request to the Director.

AGRICULTURAL EXTENSION SERVICE

Cooperative Agricultural Extension Work.—The Agricultural Extension Service supports a system of practical education. It teaches the results of scientific experiments to the present and future farmer and housewife. A synopsis of this work includes:

- (1) Demonstrations in agricultural and horticultural crops, dairying, hog raising, poultry raising, cooperative organizations, insect and disease control.
- (2) Boys' agricultural clubs, including corn, pig, and fat barrow, peanut, calf, potato, bee and citrus clubs.
- (3) Home demonstration work, including gardening, poultry, bee keeping, food conservation, nutrition, clothing, home improvement clubs, and civic improvement clubs. Headquarters are at the Florida State College for Women, Tallahassee.
- (4) Extension schools, including Farmers' Week held annually at the University, county and home demonstration agents' meetings, boys' and girls' annual club meetings, and extension schools, arranged by county agents.

(5) Demonstration work with colored farmers, including club work for boys and girls, and demonstration work with men and women. Headquarters are at the Florida Agricultural and Mechanical College for Negroes, Tallahassee.

Smith-Lever Act.—In accordance with the terms of the Smith-Lever Act, effective July 1, 1914, agricultural extension work is carried on cooperatively by the United States Department of Agriculture and the State of Florida. In addition to this, in 1919 Congress passed the Smith-Lever Supplementary Act, and the Capper-Ketcham Act in 1927, thereby appropriating an additional sum for the same purpose.

The purpose of these acts may be seen in the following quotation:

“. . . . cooperative agricultural extension work shall consist of giving of instruction and practical demonstration in agriculture and home economics to persons not attending or resident in said colleges in the several communities, and imparting to such persons information on said subjects through field demonstrations, publications, and otherwise; and this work shall be carried on in such a manner as may be mutually agreed upon by the Secretary of Agriculture and the State agricultural college or colleges receiving the benefits of this act.”

Extension work is now conducted in 52 counties.

Funds Available.—By the terms of the Smith-Lever Act, the College of Agriculture receives from Congressional appropriations \$10,000 annually and an additional sum which was increased annually until 1922, the State each year appropriating an equal amount. The Legislature has enacted laws enabling the State to secure the benefits of both the original Smith-Lever, the Capper-Ketcham and the Supplementary Acts as well as making a direct State appropriation for placing agents in additional counties. The total amount of State and Federal funds available for the fiscal year ending June 30, 1930 is \$210,740.

SCHOOLS OF INSTRUCTION FOR EXTENSION WORKERS

The annual meeting of the county and home demonstration agents is held at the University of Florida. The purpose of this meeting is to give instruction and make plans for future work.

This is the one meeting of the year when extension workers from the United States Department of Agriculture and the State of Florida assemble for joint sessions to discuss the work with county and home demonstration agents.

This meeting is largely a series of conferences. Committees are appointed to make recommendations for the conduct of the work throughout the coming year.

BOYS' AGRICULTURAL CLUBS AND SHORT COURSES

Agricultural clubs are organized among the boys of the farms for the purpose of teaching them by practical demonstrations better methods of farming. Business men and agricultural organizations annually give successful boys free trips to the University to attend the short courses in agriculture.

This is done to stimulate greater interest in club work and has caused many boys to enter college for a four-year course. The Short Course is held from May 27 to June 1.

Frank E. Dennis of Jacksonville offers a \$250 scholarship in the College of Agriculture to the State Pig Club champion. Three \$100 scholarships have been given annually by the Florida Bankers' Association.

The Chilean Nitrate of Soda Educational Bureau of New York offers a \$100 scholarship for award in a corn club contest in addition to other awards for 4-H Club members.

HOME DEMONSTRATION WORK

Girls' Clubs.—Girls between the ages of ten and eighteen are eligible for membership. Each member is required to undertake a definite piece of work under the leadership of her home demonstration agent. This club work enters into many phases of home life and is intended to teach the girls the best practices for the improvement and development of the rural home.

Women's Home Demonstration Clubs.—Home demonstration clubs are organized by home demonstration agents for the benefit of the women of rural communities. These clubs have definite programs and, under the leadership of the county home demonstration agent, undertake to carry out such programs as will improve home life.

Club Contests.—Contests are conducted for the purpose of giving credit to club members for the work they have accomplished, to display the year's work so that it will be educational, and to stimulate interest in every phase of farm and home life. Exhibits are placed on display, record books are examined and rewards are based on quality, record and financial showing. Substantial prizes such as money, merchandise, and scholarships to the University or to the State College for Women are offered each year.

Publications.—The publications of the Service include bulletins, circulars, annual reports, a club paper, a weekly clip-sheet for newspapers and an annual calendar. The bulletins and circulars contain useful information on farm and home subjects, while the annual reports give details of the work accomplished by the staff and the county representatives. The weekly clip-sheet, or Agricultural News Service, contains items of news from the Agricultural Experiment Station, Extension Service and College of Agriculture, as well as timely information on varied agricultural topics. This sheet is sent to about 200 daily and weekly papers of Florida. The calendar contains suggestions on farm work in Florida for each month of the year.

These publications are free to citizens of the state, upon request to the Director.

Agricultural Programs.—These programs are put on the air on Station WRUF daily during the week from 12:15 to 12:45. Talks are made by members of the College of Agriculture faculty and the Experiment Station and Agricultural Extension Service staffs. Material supplied by the United States Department of Agriculture, and copies of questions received and answered by staff workers are read by the Assistant Agricultural Editor, who has charge of the agricultural programs.

The Florida National Egg-Laying Contest.—This contest is conducted under the supervision of the Agricultural Extension Service of the University. It is located at Chipley, Florida, and has capacity for housing 100 pens of contest birds. The purpose of the contest is to secure records on the production of breeding stock so that poultrymen of Florida will have the benefit of these records with a view of securing high producing breeding stock.

The contest is authorized by an act of the Legislature which provided for its establishment, maintenance, and upkeep and which placed it under the supervision of the Agricultural Extension Division.

FARMERS' WEEK

Beginning August 18, 1930; ending August 22, 1930.

Farmers' Week is especially suited to the needs of the following classes: Farm men and farm women of all ages who recognize their need for some training in scientific agriculture in order to render more effective the practical knowledge they have already gained; young men who are compelled to drop out of school and yet desire to devote a short time to special preparation for work on the farm; city students who wish to fit themselves for farm life; and colonists who wish information regarding Florida conditions and methods.

The laboratory equipment, the purebred livestock, and the farms will be available for instructional purposes; the Agricultural Experiment Station and State Plant Board will afford visitors an opportunity for observation and inquiry. Care has been taken to meet the needs of practical farmers. The courses consist of lectures, laboratory work, and field observations and demonstrations in general field crops, soils, vegetable gardening, citrus, animal husbandry, dairying, poultry, veterinary science, bee culture, and agricultural engineering.

There are no age limits and no educational requirements for admission. No tuition fee is charged.

Expenses.—The necessary expenses for room and board will approximate \$1.50 per day.

The University dormitories and dining room are available to those attending Farmers' Week.

CORRESPONDENCE COURSES

Correspondence courses in agriculture are offered under the General Extension Division.

AGRICULTURAL MEETINGS

A number of meetings for people interested in agriculture are held annually at the University. Such people will find accommodations and facilities, better for their purpose than any in the State. Laboratories, classrooms, and exhibits, as well as growing crops, barns and other equipment, are placed freely at service of visitors.

ENTRANCE REQUIREMENTS

Sixteen high school units are required for non-conditioned entrance to the College of Agriculture. They are as follows:

English	3
Algebra	1
Plane geometry	1
History	1
Science	1
Foreign language	2
Approved electives	7
	16

The foreign language may be waived by presenting 2 extra units in history or science, or one extra in each. Graduates of accredited high schools are admitted without examination, provided they offer units as listed above.

THE FOUR YEAR COURSE

The student is expected to select by the beginning of his junior year, as his major, some one department of the College, or agricultural education. This gives him an opportunity to prepare for that branch of agriculture in which he is most interested.

Credit for Practical Work.—By previous arrangement with the head of a department and the Dean, students may do practical work under competent supervision in any recognized agricultural pursuit during their course of study, and upon returning to College and rendering a satisfactory written report showing faithful service, will be entitled to one credit for each month of such work; such credits shall not total more than six in the one-year and four-year courses.

Degree.—The work outlined in the following tables, whatever the major subject, leads to the degree of Bachelor of Science in Agriculture.

One hundred and forty credits and one hundred and forty honor points are required for graduation in all groups.

Rules and Regulations.—In order that each student may have an opportunity to familiarize himself with all the rules and regulations by which he is governed while a student at the University, a separate volume, *The By-Laws of the University of Florida*, is published. This booklet is distributed at the registration periods. It is the duty of each person registering to secure a copy and become thoroughly acquainted with its contents because he will be held responsible for everything set forth therein.

CURRICULUM FOR FOUR-YEAR COURSE IN AGRICULTURE

Except for Landscape Design

First Semester		Second Semester	
Name of Course	Credit	Name of Course	Credit
Freshman Year			
Biology 101	5	Animal Husbandry 104	4
Chemistry 105	4	Chemistry 106	5
English 101	3	English 102	3
Horticulture 101	3	Poultry Husbandry 102	3
Military Science 103	2	Military Science 104	2
Physical Education 101	1	Physical Education 102	1
	18		18
Sophomore Year			
Agricultural Economics	3	Agricultural Engineering 202	4
Botany 101 or Option (1)	4	Botany 102	4
Electives	4	Mathematics 204 (applied)	3
Military Science 203	2	Military Science 204	2
Quantitative Chem. or Elective	5	Organic Chem. or Option (2)	5
	18		18
Junior and Senior Years			
Agronomy 301	5	Entomology 302	4
Bacteriology 301 or Option (3)	4	English, Journalism, Speech, Language, Psychology, Education, or History	3
English, Journalism, Speech, Language, Psychology, Education, or History	3	Plant or Animal Physiology or Option (4)	4
Physics 211 or Elective	4	Electives	23
Electives	18		
	34		34

Option (1) General Economics, Mathematics, or Physics

Option (2) Chemistry, Engineering, Business Administration, Educational Psychology, or Education.

Option (3) Chemistry, Engineering, Education, Business Administration, or Mathematics.

Option (4) Agricultural Bacteriology, Plant Pathology, Agricultural Engineering, Poultry Husbandry, Feeds and Feeding, or Agricultural Economics.

Of the electives, all except 18 semester hours are to be in technical agriculture, agricultural education, or agricultural chemistry. A minimum of 15 and a maximum of 30 semester hours, of courses 200 or above, must be taken in one department for major.

The student should select his major in sophomore year if he takes any of the options of that year; it must be selected not later than the beginning of junior year. He may major in any department of the College, or in agricultural education. The head of the department in which he majors becomes his adviser, and options must be selected with his consent, as well as required work in the major department. Electives must have his approval, as well as that of the Dean.

CURRICULUM FOR FOUR YEAR COURSE IN LANDSCAPE DESIGN

First Semester		Second Semester	
Name of Course	Credits	Name of Course	Credits
Freshman Year			
Architecture 101	3	Architecture 102	3
Botany 101	4	Architecture 112	1
Chemistry 105	4	Botany 102	4
English 101	3	Chemistry 106	5
Military Science 103	2	English 102	3
Physical Education 101	1	Military Science 104	2
	—	Physical Education 102	1
	17		—
			19
Sophomore Year			
Architecture 121	2	Architecture 122	2
French 21	3	French 22	3
Horticulture 101	3	Landscape Design 208	3
Landscape Design 207	3	Landscape Design 210	3
Military Science 203	2	Landscape Design 212	3
Physics 211	4	Mathematics 204	3
	—	Military Science 204	2
	17		—
			19
Junior Year			
Agronomy 301	5	Agricultural Engineering 304	3
English 201	3	Architecture 226	2
French 101	3	English 202	3
Geology 201	3	Entomology 302	4
Landscape Design 309	3	French 102	3
	—	Landscape Design 310	3
	17		—
			18
Senior Year			
Agricultural Engineering 301	3	Architecture 232	2
Architecture 227	2	Entomology 406	3
Architecture 231	2	Landscape Design 306	3
Entomology 405	3	Landscape Design 406	3
Horticulture 411	3	Landscape Design 408	3
Landscape Design 405	3	Elective	3
	—		—
	16		17

SPECIAL STUDENTS

Students eighteen years of age and over may enter the four-months and one-year courses offered in the College of Agriculture without the required high school entrance units, and without examination. They are expected to take not less than fourteen or more than nineteen hours per week from the following list of courses. Those having a knowledge of common school branches only, should first select subjects numbered below 100; while those with high school or college training may at once select courses marked above 100. Each semester is as nearly as possible complete in itself.

First Semester

Name of Course	Subject	Hrs. Per Week
Agricultural Economics 303	Farm Records	3
Agricultural Engineering 21	Farm Machinery	3
Agricultural Engineering 301	Drainage and Irrigation	3
Agricultural Engineering 303	Farm Shop	3
Agricultural Engineering 401	Farm Buildings	3
Agronomy 21	Elements of Agronomy	2
Agronomy 201	Farm Crops	3
Animal Husbandry 21	Elements of Animal Husbandry	3
Animal Husbandry 201	Animal Feeding	3
Animal Husbandry 203	Beef Production	3
Chemistry 105	General Chemistry	4
Dairying 201	Farm Dairying	3
Entomology 21	Farm, Garden and Orchard Insects	3
Entomology 405	Insecticides and Fungicides	3
Horticulture 21	Introduction to Horticulture	3
Horticulture 101	Elements of Horticulture	3
Horticulture 301	Advanced Trucking	3
Horticulture 303	Floriculture	3
Horticulture 305	Citrus Culture	3
Horticulture 307	Subtropical Fruits	3
Plant Pathology 301	General Pathology	4
Plant Pathology 303	Diseases of Florida Crops	3
Poultry Husbandry 21	Poultry Essentials	3
Poultry Husbandry 101	Farm Poultry	3
Poultry Husbandry 201	Commercial Poultry Keeping	3

Courses with odd numbers, under 100, in other colleges on the Campus.

Second Semester

Agricultural Economics 51	Farm Management	3
Agricultural Economics 202	Fundamental Principles	3
Agricultural Engineering 202	Farm Machinery	4
Agricultural Engineering 302	Farm Motors	3
Agricultural Engineering 402	Farm Concrete	2
Agronomy 22	Elements of Agronomy	2
Agronomy 304	Forage Crops	3
Animal Husbandry 104	Types and Breeds of Animals	4
Animal Husbandry 204	Swine Production	3
Chemistry 106	General Chemistry	5
Dairying 22	Elements of Dairying	3
Dairying 202	Dairy Management	3
Entomology 302	Economic Entomology	4
Entomology 406	Fungicides and Insecticides	3
Horticulture 22	Agricultural Botany	3
Horticulture 204	Pruning	3
Horticulture 206	Trucking	3
Horticulture 306	Citrus Harvesting, Marketing, etc.	3
Horticulture 308	Deciduous Fruits	3
Horticulture 314	Principles of Fruit Production	3
Landscape Design 210	History of Landscape Design	3
Landscape Design 212	Plant Materials	3
Plant Pathology 22	Diseases and Insects of Citrus	3
Plant Pathology 304	Diseases of Florida Crops	3
Poultry Husbandry 204	Commercial Poultry Keeping	3
Veterinary Science 302	Veterinary Elements	2
Veterinary Science 402	Poultry Diseases	2

Courses with even numbers, under 100, in other colleges on the Campus.

DEPARTMENTS OF INSTRUCTION

Subjects with odd numbers are given in the first semester and subjects with even numbers are given in the second semester unless the number begins with 0, in which case the reverse is true.

The number of hours given is the number of hours which the class meets per week.

The number of credits is the number of semester credit hours earned by each student who receives a passing grade (A, B, C, or D) when the subject is completed. Unless specifically stated, credit may be obtained for one semester of year courses.

Subjects numbered 200 or above are not open to freshmen; subjects numbered 300 or above are not open to sophomores; subjects numbered 400 or above are not open to juniors; subjects numbered 500 or above are for graduate students.

The abbreviations used are wherever possible the first and last letter of the first word of the department name. Occasionally, a third central letter is demanded to distinguish between departments where first and last letters are identical.

AGRICULTURAL CHEMISTRY

Cy. 105.—General Chemistry. 3 hours and 3 hours laboratory. 4 credits. No credit toward a degree will be allowed until credit in Cy. 105 is earned. Black.

The fundamental laws and theories of chemistry and the preparation and properties of the common non-metallic elements and their compounds. Designed especially for students of agriculture.

Laboratory fee: \$5.

Required of first year agricultural students.

Cy. 106.—General Chemistry, continued, and Qualitative Analysis. 3 hours and 6 hours laboratory. 5 credits. Black, Jackson.

A study of the metallic elements and their compounds and the essentials of qualitative analysis. Designed especially for students of agriculture.

Laboratory fee: \$5.

Required of first year agricultural students.

Cy. 203.—Qualitative Analysis. 2 hours and 6 hours laboratory. 4 credits. Jackson.

A systematic study of the metals and their chemical reactions and theoretical considerations of qualitative analysis. Practice in the separation and identification of the common metals and acid radicals.

Prerequisite: General Chemistry.

Laboratory fee: \$5.

Cy. 232.—Elementary Physical Chemistry. 3 hours and 3 hours laboratory. 4 credits. Jackson.

A study of the gaseous, liquid and solid states of matter, the properties of solutions, and colloids.

Prerequisite: Cy. 203 or College Physics.

Laboratory fee: \$5.

This course will be offered both semesters in 1930-31.

Cy. 262.—Organic Chemistry. 3 hours and 6 hours laboratory. 5 credits. Black.

A brief course embracing the more important aliphatic and aromatic compounds, designed chiefly for students in applied biological fields. Suitable for those pre-medical students who desire only 5 hours of organic chemistry.

Prerequisite: General Chemistry.

Laboratory fee: \$5.

Cy. 305 or 0305.—Quantitative Analysis. 2 hours and 9 hours laboratory. 5 credits. Black.

The fundamental principles of gravimetric and volumetric analysis. The laboratory work may be varied somewhat to fit the needs of individual students.

Prerequisite: Cy. 106 or 203.

Laboratory fee: \$5.

Cy. 361-362.—Organic Chemistry. 3 hours and 6 hours laboratory, or its equivalent. 10 credits. No credit toward a degree will be allowed until the entire 10 credits have been earned. Leigh.

A study of the preparation and properties of various aliphatic and aromatic compounds.

Prerequisite: Cy. 203 or Cy. 232.

Laboratory fee: \$5 per semester.

Cy. 432.—Agricultural Analysis. 2 hours and 9 hours laboratory. 5 credits. Black.

The quantitative analysis of agricultural products. The laboratory work may be varied somewhat to fit the needs of individual students.

Prerequisites: Cy. 305; Cy. 361-362.

Laboratory fee: \$5.

AGRICULTURAL ECONOMICS

The Department seeks to present to students the nature of economic forces as they affect the value of agricultural commodities. Courses are offered in agricultural economics, farm management, marketing, statistics and prices. These courses are designed to meet the demand for training in the organization and management of farms, private or corporate owner; for specialists in marketing agricultural products; and for research and extension workers along these lines.

Not only students who expect to engage in farming or marketing agricultural products, but also county agents, Smith-Hughes instructors, country bankers, and other business men whose businesses are closely related or partially dependent upon farming, will find the courses in this Department useful.

The Department has more than 2,000 individual farm records covering different types of farming in the State, and approximately 300 marketing records. In addition, access is had to a large number of records in both farm management and marketing in the Department of Agricultural Economics of the Florida Experiment Station.

As. 54.—Farm Management. 3 hours. No credit. Timmons.

An elementary course in the organization of the farm business, laying out of fields, location of buildings, farm accounting and important factors affecting profits.

As. 201.—Agricultural Resources. 2 hours and 2 hours laboratory. 3 credits. Turlington.

Potentialities and limitations of agricultural production in the various regions of the United States and the world. Development of surplus and deficit agricultural areas.

As. 202.—Agricultural Economics. 2 hours and 2 hours laboratory. 3 credits. Turlington.

The fundamental principles of economics in their relation to agriculture.

Required of second year agricultural students.

As. 303.—Farm Records. 2 hours and 2 hours laboratory. 3 credits.

Timmons.

Methods and practice of making and keeping farm inventories, feed records and crop records.

Laboratory fee: \$3.

As. 306.—Farm Management. 2 hours and 2 hours laboratory. 3 credits. Turlington.

The factors of production—systems of farming—their distribution and adaptation—problems of labor, machinery, layout of farms and rotation systems.

Prerequisite: As. 202.

Laboratory fee: \$3.

As. 308.—Marketing. 2 hours and 2 hours laboratory. 3 credits.

Hamilton.

Marketing and distributing farm products—marketing organizations and laws governing them—the relation of foreign trade and general business conditions to the farmer's market.

Laboratory fee: \$3.

As. 311.—Rural Law. 2 hours. 2 credits. Turlington.

Classification of farm property—study of farm boundaries, fences, stock laws, rents, contracts, deeds, abstracts, mortgages, taxes, and laws governing shipping farm products.

As. 403.—Advanced Farm Management. 2 hours and 2 hours laboratory. 3 credits. Brumley.

Laying out and locating various buildings, lots, fields and crops—cropping systems—farm surveys and a study of successful Florida farms.

Prerequisite: As. 306.

Laboratory fee: \$3.

As. 405.—Agricultural Prices. 2 hours and 2 hours laboratory. 3 credits. Hamilton, Timmons.

Prices of farm products and the factors affecting them.

Laboratory fee: \$3.

As. 408.—Marketing Fruits and Vegetables. 2 hours and 2 hours laboratory. 3 credits. Hamilton.

Marketing of citrus, tomatoes, beans, potatoes and other Florida products.

Laboratory fee: \$3.

As. 409.—Cooperative Marketing. 2 hours and 2 hours laboratory. 3 credits. Hamilton.

Cooperative buying and selling organizations, their successes and failures—methods of organization, financing and business management.

Laboratory fee: \$3.

As. 410.—Statistics. 2 hours and 2 hours laboratory. 3 credits. Hamilton, Brumley.

The principles involved in the collection, tabulation and interpretation of agricultural statistics.

As. 412.—Land Economics. 2 hours and 2 hours laboratory. 3 credits. Hamilton, Timmons.

Rural taxation—colonization and adjustments of rural laws to their best uses. This course is the same as As. 508, less one problem.

GRADUATE COURSES

- As. 501-502.—Agricultural Economics Seminar.
As. 503-504.—Marketing Seminar.
As. 505-506.—Research Problems.
As. 508.—Land Economics.
As. 509.—Citrus Grove Organization and Management.
As. 510.—Organization and Management of Truck Farms.

AGRICULTURAL ENGINEERING

The Department of Agricultural Engineering offers courses covering the principles of engineering as applied to various phases of agriculture, including such subjects as buildings, concrete construction, drainage, farm machinery, farm shop work, farm water and light systems, irrigation, surveying and tractors.

The demand for agricultural engineers is steadily increasing, due to the increased amount of power and machinery now being used in agricultural production.

Graduates in agricultural engineering enter such fields of work as agricultural production, the teaching of farm mechanics in schools and colleges, drainage and irrigation work, and various positions with equipment and machinery manufacturers.

Ag. 21.—Farm Machinery. 1 hour and 4 hours laboratory. No credit. Rogers, Savage.

Care, construction, operation and selection of farm machinery.

Laboratory fee: \$1.

Ag. 104.—Wood Work. 4 hours laboratory. 2 credits. Eshleman.

Practice in adjustment, care and use of wood working tools, exercises in bench work, farm equipment and farm building construction.

Laboratory fee: \$1.

Ag. 202.—Farm Machinery. 2 hours and 4 hours laboratory. 4 credits. Rogers, Savage.

Construction, operation and selection of harvesting, seeding, spraying and tilling machinery.

Laboratory fee: \$1.

Ag. 204.—Agricultural Organization. 1 hour. 1 credit. Rogers.

The organization and proceedings of agricultural societies.

Ag. 301.—Drainage and Irrigation. 2 hours and 2 hours laboratory. 3 credits. Rogers.

Farm surveying, drainage and irrigation systems; field practice in surveying and designing systems.

Ag. 302.—Farm Motors. 2 hours and 2 hours laboratory. 3 credits. Rogers.

The sources of power on the farm—automobile, tractor and stationary gasoline engines, electric motors and windmills.

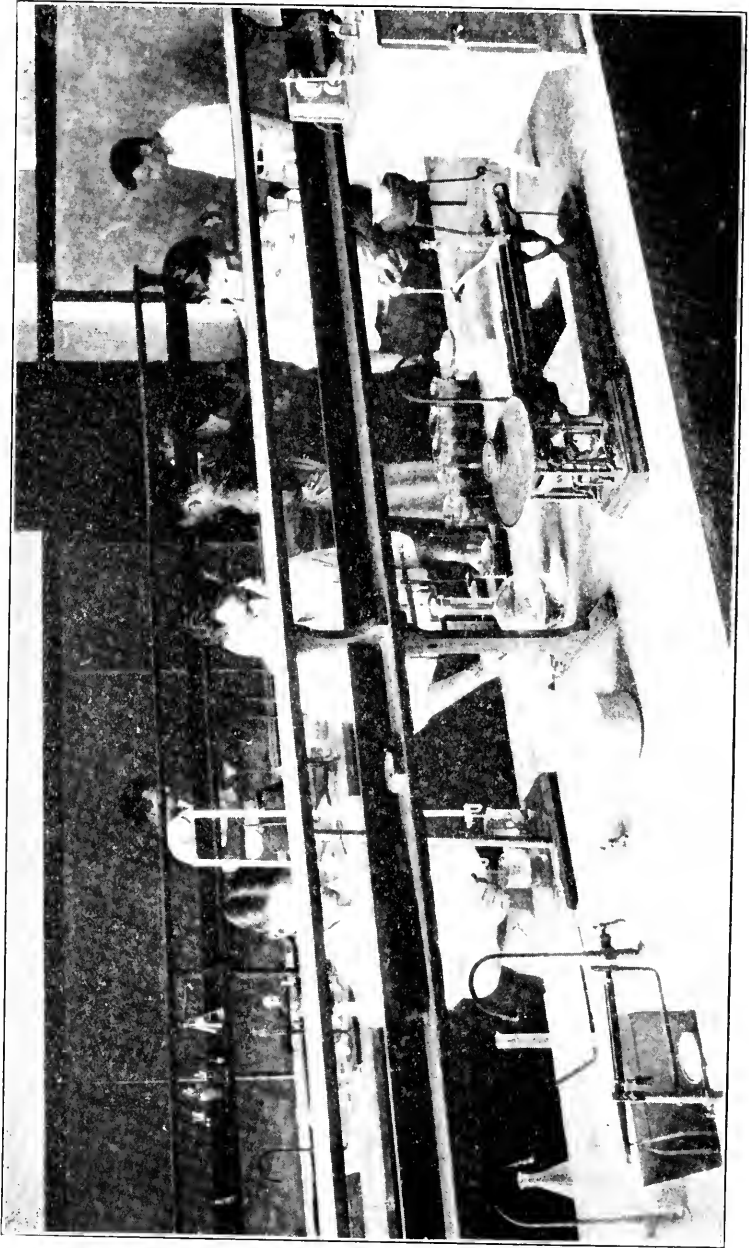
Laboratory fee: \$2.

Ag. 303.—Farm Shop. 1 hour and 4 hours laboratory. 3 credits. Rogers.

Belt lacing, carpentry, concrete construction, soldering and other farm shop operations. Specially useful for students intending to teach agricultural engineering in vocational schools.

Ag. 304.—Landscape Construction. 2 hours and 2 hours laboratory. 3 credits. Rogers.

Theory and practical design of special details, such as fountains, retaining walls, pools and walks—also problems in plane and topographical surveying.



LABORATORY CLASS IN SOILS

Ag. 401.—Farm Buildings. 2 hours and 2 hours laboratory. 3 credits.

Rogers.

Construction, cost, management, sanitation and ventilation of farm buildings—laboratory exercises in designing and estimating costs.

Ag. 402.—Farm Concrete. 1 hour and 2 hours laboratory. 2 credits.

Rogers.

Selection of materials—curing, mixing, placing, reinforcing, testing and water-proofing concrete.

Ag. 403-404.—Agricultural Engineering Investigations. 2 hours. 4 credits. Rogers.

Reports on investigational work as found in recent literature.

Required of all seniors majoring in agricultural engineering.

GRADUATE COURSES

Ag. 501-502.—Agricultural Engineering Seminar.

Ag. 503-504.—Research Work.

AGRONOMY

The courses in the Department of Agronomy are intended to qualify students for teaching in high schools and colleges, for agricultural extension work, farming, and research work in experiment stations and Federal departments of agriculture.

Courses are offered in farm crops and soils. A knowledge of these subjects is fundamental for the most economical production of both plants and animals. Opportunity is given on the College Farm for correlating the theoretical, laboratory and greenhouse studies with practical farm operations.

The courses in farm crops place special emphasis on methods of production and plant improvement through breeding for yields, quality, and disease resistance; while the courses in soils emphasize the nature and properties of the soil as related to crop production, to the principles of soil fertility, and to fertilizer-practice. Students may major in either farm crops or soils, beginning the latter half of the sophomore year.

Ay. 21-22.—Elements of Agronomy. 2 hours. No credit. Bryan.

A practical course in farm crops and soils, designed to meet the needs of special students.

Ay. 201.—Farm Crops. 2 hours and 2 hours laboratory. 3 credits.

Senn.

A general survey of the leading farm crops, including characteristics, adaptations, fertility requirements, cultural practices, rotation systems and uses of the more important field crops.

Laboratory fee: \$1.

Ay. 301.—Soils. 3 hours and 4 hours laboratory. 5 credits. Bryan.

The nature and properties of soils as related to fertility and crop production. Lyon & Buckman, *The Nature and Properties of Soils*.

Prerequisite: Cy. 105-106.

Laboratory fee: \$2.

Required of all agricultural juniors.

Ay. 302.—Fertilizers and Manures. 2 hours and 2 hours laboratory. 3 credits. Bryan.

The composition, nature and source of fertilizer materials—their influence on crops and soils—fertilizer requirements for different crops—calculating fertilizer formula.

Prerequisite: Ay. 301.

Laboratory fee: \$1.

Ay. 304.—Forage Crops. 3 hours. 3 credits. Senn.

Plants that produce feed for livestock, including grasses and legumes for hay and grazing purposes—their characteristics, composition adaptations and cultural practices. Methods of establishing pastures are considered.

Ay. 305.—Crop Judging. 2 hours. 2 credits. Senn.

Designed to fit one to judge competitive farm crop displays. Specially adapted to students preparing for Smith-Hughes and county agent work. Practice in identification and judging the principal farm crops. Arranging of exhibits, premium lists, fairs, and judging teams are discussed.

Prerequisite: **Ay. 201.**

Laboratory fee: \$1.

Ay. 309.—Principles of Breeding. 2 hours. 2 or 3 credits. Senn.

An elementary course dealing with the basic principles of heredity, variation and selection, and the application of these principles to plant and animal improvement. Courses may be taken with or without laboratory.

Laboratory fee: \$1.

Ay. 402.—Plant Breeding. 2 hours. 2 credits. Senn.

The fundamental principles of crop improvement, including breeding, selection and experimental methods. Course is designed to give the student a working knowledge of genetic principles and to acquaint him with modern methods of breeding and the production and distribution of pure seeds.

Prerequisite: **Ay. 309.**

Ay. 405.—Soil Fertility. 3 hours. 3 credits. Bryan.

The factors involved in crop production—source and loss of plant nutrients—mineral cycles in nature—green manuring—methods and results obtained by laboratory and field study.

Prerequisite: **Ay. 301.**

Ay. 407.—Special and Cover Crops. 2 hours. 2 credits. Senn.

A study of cotton, tobacco, sweet potato and sugar crops—their characteristics, adaptations, cultural practices, and marketing and manufacturing processes.

Half the semester will be devoted to a consideration of plants suited for cover crops in rotation systems of the South.

Prerequisite: **Ay. 201.**

GRADUATE COURSES

Ay. 500-501.—Seminar. 1 hour. 2 credits. Bryan.

Discussion of agronomy problems—review of literature dealing with soils and crops.

Required of all seniors and graduate students in agronomy.

Ay. 502.—Advanced Plant Breeding.**Ay. 504.—Soil Classification.****Ay. 505-506.—Research in Soils or Crops.****Ay. 507.—Advanced Soils.****Ay. 508.—Methods of Crop Investigation.****Ay. 510.—Soil Biology.****Ay. 511.—Soil Analysis.****Ay. 512.—Soils of Florida.**

ANIMAL HUSBANDRY AND DAIRYING

ANIMAL HUSBANDRY

Animal husbandry includes subjects relating to the domestic animals, their history, classification and judging; breeding, selection and improvement; feeding, care and management; the production and marketing of beef, pork and other animal products.

Live stock raising commands a steady income and is a most valuable aid in maintaining soil fertility. The industry has long been an important factor in the general prosperity of Florida. The general principles apply to all parts of America, and special instruction is given for Florida and southeastern conditions.

Al. 21.—Elements of Animal Husbandry. 3 hours. No credit toward degree. Willoughby.

Breeds of farm animals—principles of feeding, breeding and management. Text: Plumb, **Beginnings in Animal Husbandry.**

For students in four-months course.

Al. 104.—Types and Breeds of Animals. 3 hours and 2 hours laboratory. 4 credits. Willoughby, Martin.

Types, breeds and market classes of horses, cattle, sheep and swine—score-card and comparative judging. Text: Curtis, **Live Stock Judging and Selection.**

Required of all freshmen in agriculture.

Al. 201.—Animal Feeding. 3 hours. 3 credits. Martin.

Composition of plants and animals—feeding standards and rations for farm animals. Text: Bull, **Principles of Feeding Farm Animals.**

Al. 203.—Beef Production. 3 hours. 3 credits. Willoughby.

Selection, feeding and management of beef cattle—finishing and marketing. Brief study of mutton production. Text: Snapp, **Beef Cattle.**

Prerequisite: Al. 104.

Al. 204.—Swine Production. 3 hours. 3 credits. Martin.

Selection, feeding and management of hogs—forage crops and grazing—nitrogenous supplements—disease and parasite control—slaughtering—marketing. Texts: Smith, **Pork Production**; Ewing, **Southern Pork Production.**

Prerequisite: Al. 104.

Al. 205 or 0205.—Advanced Stock Judging. 1 hour and 2 hours laboratory. 2 credits. Willoughby.

Special training in live stock judging, show ring methods and contests at fairs. Text: Plumb, **Judging Farm Animals.**

Prerequisite: Al. 104.

Fee: travel expense on judging trips, as needed.

Al. 207.—Animal Breeding. 2 hours. 2 credits. Willoughby.

Principles of breeding applied to animals—pedigree and record work—foundation and management of a breeding enterprise. Text: Rice, **Breeding and Improvement of Farm Animals.**

Al. 301 or 0301.—Breed History. 2 hours. 2 credits. Willoughby.

History of live stock breeds—pedigree studies and registration methods. Text: Plumb, **Types and Breeds of Farm Animals.**

Prerequisite: Al. 104.

Al. 303.—Meat Products. 2 hours. 2 credits. Willoughby.

Farm slaughtering and packing house methods—curing, processing and marketing of meats and special products. Text: Tomhave, **Meat and Meat Products.**

Al. 305.—Advanced Animal Feeding. 2 hours. 2 credits. Willoughby, Martin.



CLASS IV STOCK JUDGING

Feeds, feeding and management of farm live stock. Text: Henry and Morrison, **Feeds and Feeding**.

Prerequisite: Al. 201.

Al. 306.—**Advanced Animal Feeding**. 2 hours. 2 credits. Willoughby, Martin.

Continuation of Al. 305.

Al. 401-402.—**Seminar**. 2 or 3 hours. Credits to be arranged. Willoughby, Martin.

History of live stock industry in America—special dairy and live stock topics—reviews of recent research. For seniors only.

GRADUATE COURSES

Al. 501.—**Animal Production**.

Al. 503.—**Animal Nutrition**.

DAIRYING

Dairying includes the production of milk, its composition and testing; the sanitary handling and sale of market milk; the manufacture of butter, cheese and ice cream; factory and milk plant management and accounting.

The opportunities in the South for supplying dairy products at good prices are practically unlimited, while under proper management the cost of production is lower than in some other sections. As the population of Florida increases the number of dairy farms and dairy plants will increase, and expert workers will be required to handle properly this important industry.

Dy. 22.—**Elements of Dairying**. 2 hours and 2 hours laboratory. No credit toward degree. Martin.

The composition and handling of milk and milk products—composition and testing of dairy products.

Laboratory fee: \$1.

Dy. 201.—**Farm Dairying**. 2 hours and 2 hours laboratory. 3 credits. Martin.

The secretion and composition of milk—testing dairy products—farm butter making—ice cream and soft cheese making. Text: Eckles, Combs & Macy, **Milk and Milk Products**.

Laboratory fee: \$2.

Dy. 202.—**Dairy Management**. 3 hours. 3 credits. Martin.

Selection, feeding and management of the dairy herd—herd improvement—barns—equipment—marketing. Text: Eckles, **Dairy Cattle and Milk Production**.

Dy. 301.—**Dairy Manufactures**. 3 hours and 2 hours laboratory. 4 credits. Martin.

Buying and testing cream—pasteurization—cream ripening and butter making—preparing the ice cream mix—freezing and hardening ice cream. Texts: McKay and Larsen, **Principles and Practice of Butter Making**; Turnbow and Rafetto, **Ice Cream**.

Laboratory fee: \$3.

Dy. 302.—**Market Milk**. 3 hours. 3 credits. Martin.

Methods of producing clean milk—operation of milk plants—sanitary supervision of milk supply. Texts: Parker, **City Milk Supply**; Kelly and Clement, **Market Milk**.

Dy. 303-304.—**Creamery Management**. 3 hours. 6 credits. Martin.

Creamery construction—sewage disposal—refrigeration—creamery calculation—bookkeeping—marketing. Text: Mortensen, **Management of Dairy Plants**.

BOTANY AND BACTERIOLOGY

Botany 101 and 102 are prerequisite to all courses in this department; and Bacteriology 301 is prerequisite to all courses in bacteriology.

BOTANY

Bty. 101.—General Botany. 2 hours and 4 hours laboratory. 4 credits. Cody, Carroll.

Structure and life histories of important algae, fungi, common mosses and ferns. Laboratory fee: \$5.

Bty. 102.—General Botany. 2 hours and 4 hours laboratory. 4 credits. Cody, Carroll.

Structure, environment and principles of identification of seed plants. Laboratory fee: \$5.

Bty. 210.—Taxonomy. 1 hour and 6 hours laboratory. 4 or 5 credits. Cody.

Identification of common seed plants and ferns of the Gainesville region. An extra hour's credit may be earned by assignment of a special field problem.

Laboratory fee: \$5.

Bty. 302 or 0302.—Plant Physiology. 2 hours and 4 hours laboratory. 4 credits. Cody.

Bty. 310.—Advanced Taxonomy. 1 hour and 6 hours laboratory. 4 credits. Cody.

A critical study of a plant family or genus. Field work.

Prerequisite: **Bty. 210.**

Laboratory fee: \$5.

Bty. 320.—General Morphology of Seed Plants. 2 hours and 4 hours laboratory. 4 credits. Cody.

Structure and life histories of seed plants—processes of fertilization.

Laboratory fee: \$5.

Bty. 331.—Methods in Plant Histology. 1 hour and 6 hours laboratory. 4 or 5 credits. Cody.

Principles and practice in killing, fixing, sectioning and staining plant materials.

Desired prerequisite: **Cy. 351** or equivalent.

Laboratory fee: \$5.

Bty. 332.—Plant Anatomy. 1 hour and 6 hours laboratory. 4 or 5 credits. Cody.

Structure and function of principal tissues and organs of plants.

Desired prerequisite: **Bty. 331.**

Laboratory fee: \$5.

Bty. 401 or 0401.—Plant Ecology. 2 hours and 4 hours laboratory. 4 or 5 credits. Cody.

The relation of plants to their environment with special reference to soil, light, temperature and moisture—principles of plant surveys.

Prerequisites: **Bty. 210** and some knowledge of agronomy, biology, and geology.

Laboratory fee: \$5.

Bty. 404.—Advanced Plant Physiology. 2 hours and 4 hours laboratory. 4 credits. Cody.

Special physiological processes—enzymic activities—nutrition—respiration and growth. Preliminary work to research in plant physiology.

Prerequisite: **Bty. 301.**

Laboratory fee: \$5.

GRADUATE COURSES

Bty. 501.—Problems in Taxonomy.

Bty. 503.—Problems in Plant Physiology.

Bty. 505.—Problems in Plant Histology.

BACTERIOLOGY

Bcy. 301.—General Bacteriology. 2 hours and 4 hours laboratory. 4 credits. Carroll.

Morphology, physiology and cultivation of bacteria and related micro-organisms. Prerequisite to all courses in bacteriology.

Prerequisites: **Bty. 101; Bly. 101; Cy. 253**, or equivalents.

Laboratory fee: \$5.

Bcy. 302.—Agricultural Bacteriology. 2 hours and 4 hours laboratory. 4 credits. Carroll.

Bacteria and associated micro-organisms in relation to water, milk, soil, silage and farm problems.

Prerequisite: **Bcy. 301.**

Laboratory fee: \$5.

Bcy. 304.—Pathogenic Bacteriology. 2 hours and 4 hours laboratory. 4 credits. Carroll.

Recognition, culture and special laboratory technique of handling pathogenic micro-organisms and viruses. Theories and principles of immunity and infection.

Laboratory fee: \$5.

Offered alternate years with **Bcy. 306**. Will be given in 1931-32.

Bcy. 306.—Bacteriology of Foods. 2 hours and 4 hours laboratory. 4 credits. Carroll.

Relation of bacteria, yeasts, molds and other micro-organisms commonly found in foods.

Laboratory fee: \$5.

Alternates with **Bcy. 304**. Will be given in 1930-31.

Bcy. 308.—Sanitary Laboratory Practice. 1 hour and 4 hours laboratory. 3 credits. Carroll.

Problems in sewage and public sanitation—field work. Designed for students in sanitary engineering.

Laboratory fee: \$5.

Bcy. 401.—Clinical Bacteriology. Hours to be arranged. Carroll.

Laboratory work on special problems preparing for technical expert in field of biological activities of bacteria and related micro-organisms. Animal experimentation and immunology upon pathogens. Work assigned to particular organisms. A prerequisite to research in bacteriology.

Prerequisite: **Bcy. 304.**

Laboratory fee: \$5.

GRADUATE COURSES

Bcy. 501-502.—Problems in Soil Bacteriology.

Bcy. 503-504.—Problems in Dairy Bacteriology.

Bcy. 505-506.—Problems in Pathogenic Bacteriology.

Bcy. 507-508.—Problems in Water Bacteriology.

ENTOMOLOGY AND PLANT PATHOLOGY

The purpose of the courses given in this department are as follows: to give a student the fundamental knowledge concerning entomology and plant pathology, a knowledge necessary in all agricultural work; to give certain students specialized work that will fit them for positions as county agents, teachers in high schools, colleges and universities; to train specialists for state experiment station or Federal departmental work in these fields.

ENTOMOLOGY

Ey. 21.—Farm, Garden and Orchard Insects. 2 hours and 2 hours laboratory. No credit. Bess.

A general survey of some of the economic insects of Florida in reference to their distribution, life history, injury and control on the principal agricultural crops of the State.

Laboratory fee: \$2.

Ey. 302.—Economic Entomology. 2 hours and 4 hours laboratory. 4 credits. Creighton, Dickey, Bess.

An introduction to applied entomology, based on the structure, classification, life histories, recognition and control of the injurious insects of Florida.

Laboratory fee: \$3.50.

Required of all students in Agricultural College.

Ey. 303-304.—Advanced Economic Entomology. 1 hour and 6 hours laboratory. 8 credits. Creighton.

Field and laboratory problem work and insectary work in the rearing of some of the more common Florida insects. Study of natural parasites and the special technique required by professional work in this line will be given.

Prerequisite: **Ey. 302.**

Laboratory fee: \$3.50.

Ey. 401.—Taxonomy. Hours and credit to be arranged. Creighton.

The collection, study and classification of local economic insects with special emphasis on some one group.

Prerequisite: **Ey. 302.**

Ey. 402.—Fruit Insects. 2 hours and 2 hours laboratory. 3 credits. Creighton.

A study of pests encountered in deciduous, tropical and citrus fruits, with detailed study of representative life histories and measures adapted to their control.

Prerequisite: **Ey. 302.**

Laboratory fee: \$3.50.

Ey. 403.—Garden and Greenhouse Pests. 2 hours and 2 hours laboratory. 3 credits. Creighton.

The study of insects encountered in the home, commercial garden, and greenhouse. A detailed study of life history and specific control measures adapted to these conditions.

Prerequisite: **Ey. 302.**

Laboratory fee: \$3.50.

Ey. 405.—Insecticides and Fungicides. 1 hour and 4 hours laboratory. 3 credits. Dickey, Creighton.

Origin and history of insecticides and fungicides—systematic survey of mixtures now used—chemical and physical reactions of same. Special emphasis on soaps, oils, coppers, etc. Class, laboratory and field work.

Laboratory fee: \$3.50.

Ey. 406.—Insecticides and Fungicides. 1 hour and 4 hours laboratory. 3 credits. Dickey, Creighton.

A special study of lime sulphur, arsenates, dusts, etc. Practical problems that apply to Florida and the southeast. Class, laboratory and field work.

Laboratory fee: \$3.50.

Ey. 407-408.—Advanced Insect Morphology. Hours and credit to be arranged. Creighton.

PLANT PATHOLOGY

Pt. 22.—Diseases and Insects of Citrus. 2 hours and 2 hours laboratory. No credit. Dickey.

The important physiological and fungous diseases with a survey of the major insects and methods of control.

Laboratory fee: \$2.

Pt. 301.—General Pathology. 2 hours and 4 hours laboratory. 4 credits. Dickey, Creighton, Bess.

A study of the principal causal agents that produce disease in plants. Diagnosis and treatment of plant diseases.

Laboratory fee: \$3.50.

Pt. 303.—Diseases of Florida Crops. 1 hour and 4 hours laboratory. 3 credits. Dickey.

Practical methods of combatting fungous and bacterial diseases of Florida crops. Signs of infection, diagnosis, means of transmission and methods of control. A study of citrus, cotton, grape and certain vegetable diseases, etc.

Prerequisite: Pt. 301.

Laboratory fee: \$3.50.

Pt. 304.—Diseases of Florida Crops. 1 hour and 4 hours laboratory. 3 credits. Dickey.

A survey of the diseases in subtropical and ornamental plants and in certain vegetables.

Prerequisite: Pt. 301.

Laboratory fee: \$3.50.

Pt. 401-402.—Laboratory Technique in Plant Pathology. 1 hour and 6 hours laboratory. 8 credits. Dickey.

Preparation of culture media— isolation, cultivation and physiological study of plant pathogens— inoculation of host plants— relation to disease and the preparation of histological material.

Laboratory fee: \$5.

Pt. 403-404.—Mycology. 2 hours and 2 hours laboratory. 3 credits. Dickey.

Detailed study of fungi in reference to origin, systematic relationships, cytology, and economic bearing on plant disease work. Collection and classification of local fungi.

Prerequisite: Pt. 301 or its equivalent.

HORTICULTURE

The general subject of horticulture is divided into the tree fruits, vine and bush fruits, floriculture, vegetable growing and forestry.

A number of courses relate to more than one of these subjects and are therefore grouped here.

Situated in a sub-tropical climate, we have unusual opportunities for study. The wonderful variety of plants, the peculiar problems involved in their growth and



HORTICULTURAL GROUNDS

development, and the accomplishments of those who have given time and labor to the solution of those problems, offer inviting fields for study and experimentation.

He. 21.—Introduction to Horticulture. 2 hours and 2 hours laboratory. No credit. Abbott.

The fundamental principles of horticulture—practice in the culture, propagation, pruning and training of the important fruit and ornamental plants of Florida.

Laboratory fee: \$1.

He. 22.—Agricultural Botany. 2 hours and 2 hours laboratory. No credit. Graves.

The relationship, habits, characteristics and environmental relations of the important crop plants, with laboratory study of principal types.

Laboratory fee: \$2.

He. 101.—Elements of Horticulture. 2 hours and 2 hours laboratory. 3 credits. Abbott.

The fundamental activities of plant life with reference to the growth of orchard and garden crops. A study of propagation by budding, grafting, cuttings, seed selection, transplanting, pruning, spraying, frost protection, etc.

Laboratory fee: \$1.

He. 204.—Pruning. 2 hours and 2 hours laboratory. 3 credits. Abbott.

Principles of pruning and training—the physiological principles involved—practice in pruning and training fruit and ornamental plants.

Laboratory fee: \$1.

He. 206.—Trucking. 2 hours and 2 hours laboratory. 3 credits. Abbott.

Origin, relationship and classification of different truck crops—varieties—cultural methods in different sections—fertilizing—irrigating and harvesting. Planning the home garden.

Laboratory fee: \$1.

He. 301.—Advanced Trucking. 2 hours and 2 hours laboratory. 3 credits. Abbott.

Soils suited to the leading commercial truck crops of Florida—cultural methods, fertilizing, irrigating, controlling insects and diseases, harvesting, packing and marketing.

Prerequisite: **Bly. 101-102.**

Laboratory fee: \$2.

He. 303.—Floriculture. 2 hours and 2 hours laboratory. 3 credits. Floyd.

The growing of flowers upon the home grounds—pot plants—greenhouse crops and their cultural requirements, including ventilation, watering and heating.

Prerequisite: **He. 101.**

Laboratory fee: \$2.

He. 304.—Commercial Floriculture. 1 hour and 4 hours laboratory. 3 credits. Floyd.

A study of commercial flower crops grown either in the open, under lath, or in greenhouse. Methods of packing and marketing will receive attention.

Prerequisite: **He. 101 and 303.**

Laboratory fee: \$2.

He. 305.—Citrus Culture. 2 hours and 2 hours laboratory. 3 credits. Lord.

The citrus grove—site and soil selection—preparation, planting and management—selection of varieties and stocks—the use of cover crops.

Laboratory fee: \$1.

He. 306.—Citrus Harvesting, Marketing and Judging. 2 hours and 2 hours laboratory. 3 credits. Lord.

Methods of picking, handling, washing, drying, packing and shipping citrus fruits—identification and judging of varieties.

Prerequisite: **He. 305.**

Laboratory fee: \$1.

He. 307.—Subtropical Fruits. 2 hours and 2 hours laboratory. 3 credits. Lord.

Avocados, mangoes, pineapples and other tropical and subtropical fruits particularly adapted to Florida—culture, varieties, insects, diseases, etc.

Prerequisite: **He. 101.**

Laboratory fee: \$1.

He. 308.—Deciduous Fruits. 2 hours and 2 hours laboratory. 3 credits. Lord.

Peaches, pears, grapes, pecans and other deciduous fruits with special reference to Florida conditions—culture, varieties, insects, diseases, etc.

Prerequisite: **He. 101.**

Laboratory fee: \$1.

He. 314.—Principles of Fruit Production. 3 hours. 3 credits. Abbott.

A study of the principles underlying fruit production, such as water relations, nutrition, temperature, fruit setting and geographic influences.

He. 401.—Advanced Citrus Problems. 2 hours and 2 hours laboratory. 3 credits. Lord.

An advanced course especially emphasizing the problems offered by varying sites, soils, climates, stocks, varieties, etc.

Prerequisite: **He. 305.**

Laboratory fee: \$1.

He. 402.—Breeding Horticultural Plants. 2 hours and 2 hours laboratory. 3 credits. Lord.

The application of the principles of genetics to the breeding and improvement of horticultural plants. Methods of successful breeders of horticultural plants.

Prerequisite: **Bly. 106.**

Laboratory fee: \$1.

He. 411.—General Forestry. 3 hours. 3 credits. Floyd.

The principles of forestry—forest cropping—protecting the home wood lot—use of Florida woods—varieties of timber trees—the influence of forests on other industries of the State.

GRADUATE COURSES

He. 503-504.—Horticulture Seminar.

He. 505-506.—Horticultural Problems.

He. 507-508.—Research Work.

LANDSCAPE DESIGN

By landscape design or landscape architecture we mean the systematic arrangement of landscape. It may be defined as that one of the fine arts which is concerned with the preservation and the laying out of areas of land for use and beauty. The landscape architect is concerned with any arrangement of land for any purpose wherever agreeable appearance is required. The scope of the profession is such that it is difficult to say, in every case, where it ends and where one of the allied professions begins.

In 1929 the Department of Landscape Design was created, which offers work leading to the Bachelor's degree. Previous to that time some of these courses had been given in the Department of Horticulture.

The curriculum is eminently practical, from a professional point of view; the problems are given out exactly as they would be in a landscape architect's office. Theory is especially stressed, for sound theory is essential to sound practice.

This is a great field, and an ever-increasing one, for the trained man or woman, — not only in landscape architecture, but in the sister profession of city planning.

Le. 207.—Elements of Landscape Design. 1 hour and 4 hours laboratory. 3 credits. Burritt.

Drafting plates—elementary design—simple rendering with pen and ink, crayon, etc.

Prerequisite: **Ae. 101** (for Le. students).

Required in sophomore year.

Le. 208.—Elements of Landscape Design. 1 hour and 4 hours laboratory. 3 credits. Burritt.

Elementary design—water color rendering adapted to the landscape architect's plans—tree sketching.

Prerequisite: **Le. 207.**

Required in sophomore year.

Le. 210.—History of Landscape Design. 3 hours. 3 credits. Burritt.

A study of nature's and man's organization of landscape—its development from ancient to modern times—its relation to other arts—a cultural non-technical course.

Required in sophomore or junior year.

Le. 212.—Plant Materials. 1 hour and 4 hours laboratory. 3 credits. Floyd, Burritt.

Trees, shrubs and herbaceous plants suited to Florida conditions—their characteristics—landscape value and arrangement—field trips—planting plans.

Prerequisites: **He. 101; Bty. 101-102.**

Required in sophomore or junior year.

Le. 306 or 0306.—Theory of Landscape Design. 3 hours. 3 credits. Burritt.

The principles and practice of a fine art from a professional point of view—no drafting or laboratory work—text required: Hubbard and Kimball, **An Introduction to the Study of Landscape Design.**

Prerequisite: **Le. 210** for landscape design students.

Required in junior or senior year.

Le. 309.—Advanced Landscape Design. 1 hour and 4 hours laboratory. 3 credits. Burritt.

Design of home grounds, public and semi-public properties, based upon actual topographical surveys—tree sketching.

Prerequisite: **Le. 207 and 208; Le. 210.**

Required in junior year.

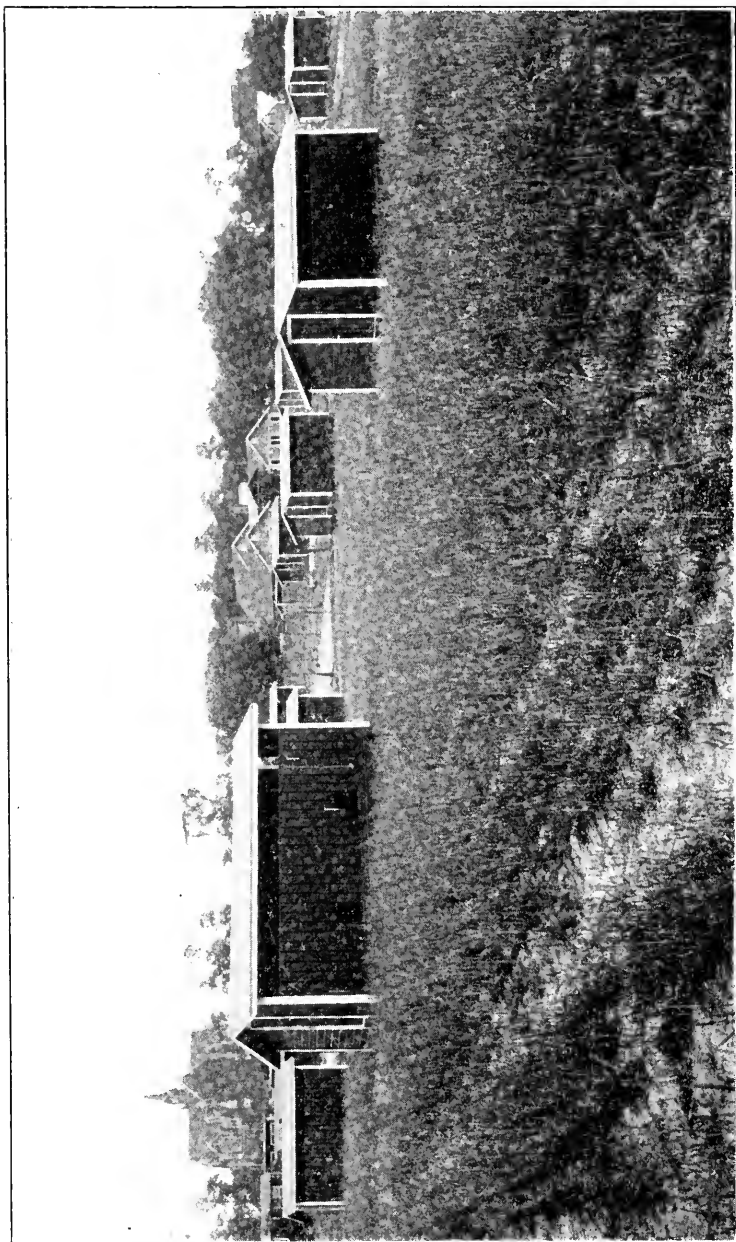
Le. 310.—Advanced Landscape Design. 1 hour and 4 hours laboratory. 3 credits. Burritt.

Design of home grounds, public, and semi-public properties based upon actual topographical surveys—tree sketching.

Prerequisite: **Le. 207 and 208; Le. 210; Le. 309.**

Required in junior year.

Le. 405.—Planting Composition and Design. 1 hour and 4 hours laboratory. 3 credits. Burritt.



BROODER AND POULTRY HOUSES

Relationship of planting to architecture—planting plans of public and private grounds at large scale.

Prerequisite: **Le. 207** and **208**; **Le. 212**.

Required in senior year.

Le. 406.—Planting Composition and Design, continued. 1 hour and 4 hours laboratory. 3 credits. Burritt.

Planting plans for parks, parkways, country clubs, large private estates, etc., on small scale.

Required in senior year.

Le. 408.—City Planning. 3 hours. 3 credits. Burritt.

Historical development and broader phases of civic design.

Prerequisite: **Le. 306**; or **Le. 0306** (for Le. students).

Required in senior year.

POULTRY HUSBANDRY

The student of agriculture should know something about poultry. Whether he turns to teaching, becomes a business man, or settles down on the farm, some foundation instruction in the classroom will be useful to him. Valuable changes, some of which are not yet in the text books, have come into poultry management; these are usually available through the staff of instruction.

Florida conditions are favorable to successful poultry keeping, because Florida escapes severe winters and hot summers.

The income in Florida, in 1929, from poultry and eggs, was \$14,090,000 and the value of the imports amounted to \$7,000,000. Florida needs not only more poultry products, but a far better grade of eggs and poultry.

The graduate in poultry can well consider the producing of winter-hatched baby chicks to meet the northern demand; also the growing of exhibition stock for the early fall agricultural fairs in those states that have long winters.

As a side-line, or as a business, poultry should appeal to most of those who turn to an agricultural education as part of their preparation for a useful life.

Py. 21.—Poultry Essentials. 2 hours and 2 hours laboratory. No credit. Sanborn.

Culling, feeding, housing, breeding, etc.

Laboratory fee: \$1.

Py. 101.—Farm Poultry. 2 hours and 2 hours laboratory. 3 credits. Sanborn.

Poultry as a modest side line on the farm. Breeds and varieties—location and construction of buildings—feeding and management—incubation, breeding, rearing, care of adult birds on the farm.

Laboratory fee: \$1.

Py. 201.—Commercial Poultry Keeping. 2 hours and 2 hours laboratory. 3 credits. Sanborn.

Growing and maturing pullets—fall and winter eggs—feeding and care—houses and yards—showing and advertising.

Laboratory fee: \$2.

Py. 204.—Commercial Poultry Keeping. 2 hours and 2 hours laboratory. 3 credits. Sanborn.

Incubation, breeding, rearing, spring and summer work, culling, farm grown feeds and poultry pastures, marketing.

Laboratory fee: \$2.

Py. 303.—Advanced Poultry Culture. 2 hours. 2 credits. Sanborn.

Origin and study of breeds and varieties—score card and comparison judging—latest methods of selecting high and low producing hens—mating for producing breeders and winners—practice judging.

Prerequisites: **Py. 201, 204.**

Laboratory fee: \$1.

Py. 405.—Poultry Management. 2 hours. 2 credits. Sanborn.

Study of large farms—equipment of poultry plants—planning of various buildings—laying out and conducting poultry farms.

Prerequisite: **Py. 201, 204.**

Laboratory fee: \$1.

Py. 406.—Project Problems. 2 hours. 2 credits. Sanborn.

Problems to be arranged with instructor; egg hatching, investigations, poultry feeding, artificial lighting, chicken diseases, etc.

Prerequisite: **Py. 201, 204.**

VETERINARY SCIENCE

Students who are interested in livestock should have quite a thorough knowledge of the normal animal, including especially the functions of the various organs and parts of the body. The courses offered in this department include such a study. Also, it is very essential for students in animal husbandry and others who will probably engage in work including the care of livestock to know something about the important animal diseases, their causes, symptoms, and means of prevention. Courses are offered which deal with a study of certain phases of the most important diseases of livestock. Since the poultry industry is also quite important in this State, a course in poultry diseases is offered.

Vy. 302.—Elementary Veterinary Science. 2 hours. 2 credits. Shealy.

Elementary anatomy and physiology of domestic animals—causes—symptoms and methods of prevention of common diseases of farm animals.

Prerequisite: **Al. 104.**

Vy. 306.—Animal Physiology. 3 hours and 2 hours laboratory. 4 credits. Shealy.

The skeleton—articulations—muscles—circulatory, digestive, urogenital, respiratory and nervous systems—endocrine glands—special senses.

Prerequisites: **Al. 104; Cy. 105 and 106.**

Laboratory fee: \$2.

Required of third year students specializing in animal sciences.

Vy. 401.—Animal Diseases. 2 hours. 2 credits. Shealy.

Causes—symptoms—treatment—method of prevention of common diseases of farm animals.

Prerequisites: **Vy. 302 or 306.**

Vy. 402.—Poultry Diseases. 2 hours. 2 credits. Shealy.

Causes—symptoms—methods of prevention—treatment for diseases of poultry.

THE UNIVERSITY CALENDAR

1930-31

The Summer Session

1930

June 16, Monday.....	Summer Session begins.
June 28, Saturday.....	Last day for filing application for degree at the end of the summer session.
July 4, Friday.....	Independence Day, a holiday.
July 14, Monday.....	Last day to make graduate applications.
July 23, Wednesday.....	Last day for submitting theses to the Graduate Committee.
August 6, Wednesday 8:00 p.m.....	Summer Session Commencement Convocation.
August 8, Friday 5:00 p.m.....	Summer Session ends.
August 18, Monday.....	Farmers' Week begins.
August 30, Saturday.....	Last day for filing applications for fall re-examinations.

First Semester

September 11-13, Thursday to Saturday.....	Entrance examinations.
September 15, 16, 17, Monday thru Wednesday.....	Re-examinations.
September 15-19, Monday thru Friday.....	Freshman registration and orientation, including Engineering Qualifying Examination and other tests. (A special program of the routine of this week will be available by June 1, 1930.) All freshmen must be present at the University Auditorium at 11:00 o'clock a.m. Monday, September 15, or they will not be registered during that week and will be required to pay the fees for late registration.
September 18-19, Thursday and Friday.....	Registration for upperclassmen.
September 22, Monday 8:00 a.m.....	Classes meet for the first time.
September 29, Monday 8:00 a.m.....	Changes in courses—fee \$2.00.
October 6, Monday 7:00 p.m.....	Meeting of the General Faculty.
October 11, Saturday 12:00 noon.....	Registration for classes in the first semester closes. Last day for making applications for degrees at the end of the first semester.
October 17, Friday, 5:00 p.m.....	All freshmen grades due in the office of the Registrar.
October 18, Saturday 12:00 noon.....	Last day for dropping courses without grade. Annual Dad's Day and Homecoming.

- October 31, Friday 5:00 p.m.....Last day for graduate applications.
 November 8, 3:00 p.m.....Dedication for new stadium.
 November 11, Tuesday.....Armistice Day, a holiday.
 November 21, Friday 5:00 p.m.....Mid-semester grades are due in the
 office of the Registrar.
 November 27, ThursdayThanksgiving Day, a holiday.
 December 19, Friday 5:00 p.m.....Christmas Recess begins.

1931

- January 5, Monday 8:00 a.m.....Christmas Recess ends.
 January 17, Saturday 12:00 noon.....Last date for submitting theses to
 Graduate Committee.
 January 22, Thursday 8:00 a.m.....Final examinations for the first se-
 mester begin.
 January 30, Friday 5:00 p.m.....First semester ends.
 January 31, Saturday 12 noon.....All semester grades are due in the of-
 fice of the Registrar.
 Saturday 8:00 p.m.....Commencement Convocation.

Second Semester

- February 2 and 3, Monday and Tues-
 daySecond semester begins. Registration
 for second semester.
 February 4, Wednesday 8:00 a.m.....Second semester classes begin. Change
 in courses—fee \$2.00. Late registration
 fee \$5.00.
 February 7, Saturday 12:00 noon.....Registration for second semester closes.
 February 14, Saturday 2:00 p.m.....Meeting of the General Faculty.
 February 21, Saturday 12:00 noon.....Last date for filing applications for re-
 examinations.
 February 28, and March 7, 2-5 p.m.....Re-examinations.
 February 28, Saturday 12:00 noon.....Last date for application for degrees
 at the end of the second semester.
 Last date for filing graduate applica-
 tions for those entering the second se-
 mester.
 March 7, Saturday 12:00 noon.....Last day for dropping a course with-
 out grade.
 April 3, Friday 5:00 p.m.....Mid-semester grades are due in the of-
 fice of the Registrar.
 April 8, Wednesday 5:00 p.m.....Spring holiday begins.
 April 13, Monday 8:00 a.m.....Classes resumed.
 May 21, Thursday 8:00 a.m.....Final examinations begin.
 May 30, Saturday 2:00 p.m.....Meeting of the General Faculty.
 May 30-June 1, Saturday to Monday....Commencement Exercises.
 May 30, SaturdayClass Day Exercises and oratorical
 contests.

May 31, Sunday 11:00 a.m.....	Baccalaureate Sermon.
June 1, Monday 10:00 a.m.....	Commencement Convocation.
June 1, Monday 1:00 p.m.	Annual Alumni Luncheon and Meeting.
June 1, Monday	Boys' Club Week begins.
June 15, Monday	Summer Sessions begins.
August 7, Friday	Summer Session ends.
September 21, Monday	Registration for 1931-32 session.

Entrance Examinations

Entrance examinations for admission to the various colleges of the University will be conducted for students whose credits do not meet the requirements.

Candidates wishing to take any of these examinations should notify the Registrar in writing, not later than September 1, January 15, June 1, or June 20.

The University Record

of the

University of Florida

Bulletin of the
Graduate School
With Announcements for the Year
1930-31



Vol. XXV, Series 1

No. 7

June 12, 1930

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The University Record of the University of Florida is issued once every month except June, when it is issued six times.

The Record comprises:

The Reports of the President and the Board of Control, the Bulletin of General Information, the annual announcements of the individual colleges of the University, announcements of special courses of instruction, and reports of the University Officers.

These bulletins will be sent gratuitously to all persons who apply for them. The applicant should specifically state which bulletin or what information is desired. Address

THE REGISTRAR,
University of Florida,
Gainesville, Florida.

Research Publications.—Research publications will contain results of research work. Papers are published as separate monographs numbered in several series.

There is no free mailing list of these publications. Exchanges with institutions are arranged by the University Library. Correspondence concerning such exchanges should be addressed to the University Librarian, University of Florida, Gainesville, Florida. The issue and sale of all these publications is under the control of the Committee on Publications. Requests for individual copies, or for any other copies not included in institutional exchanges, should be addressed to the University Bookstore, University of Florida, Gainesville, Florida.

The Committee on University Publications,
University of Florida,
Gainesville, Florida.

GRADUATE SCHOOL CALENDAR

SUMMER SCHOOL 1930

June 16-17, Monday and Tuesday	Registration.
June 28, Saturday.....	Last day to pay diploma fee and apply to Registrar for degree at end of summer session.
July 12, Saturday.....	Last day for those graduating at end of summer session to submit theses to Dean.
July 14, Monday.....	Last day to file with the Dean application (form two) to be considered a candidate for advanced degree. All new students make this application.
August 8, Friday.....	Summer Session ends.

REGULAR SESSION 1930-1931

September 18-19, Thursday and Friday	Registration.
October 11, Saturday, 12:00 noon	Last day for those graduating at end of first semester to pay diploma fee and apply to Registrar for degree.
November 1, Saturday.....	Last day to file with Dean application (form two) to be considered a candidate for advanced degree. All new students make this application.
January 5, Monday	Last day for those graduating at end of first semester to submit theses to the Dean.
February 2-3, Monday and Tuesday	Registration for second semester.
February 28, Saturday, 12:00 noon	Last day to pay diploma fee and apply to Registrar for degree at end of session.
March 16, Monday.....	Last day for those beginning graduate work the second semester to file with the Dean application (form two) to be considered candidates for advanced degree.
May 1, Friday.....	Last day for those graduating at end of session to submit theses to Dean.
June 1, Monday	Commencement Day.

INSTRUCTIONS FOR GRADUATE STUDENTS

1. Correspond with the Dean and if necessary with the head of the Department in which you propose to take your major work.

2. If you are found eligible and decide to come to the University of Florida, have the Registrar of your school send a transcript of your work to the Dean of the Graduate School. This should be in the hands of the Dean at least a month before the date for registration.

3. At the proper time, register with the Dean. He will give you blank form No. 1 to take to your department head. Either the head of the department or some other professor in the department will become the professor of your major subject and will on blank one suggest courses for which you should register for the session. Take this blank to the Dean and complete registration.

4. Within the time indicated in the calendar get blank form No. 2 and have it signed by your professors and file it with the Dean.

5. See that the language requirements are satisfied at the proper time.

6. Early in your last semester or last summer session notify the Registrar by the time indicated in the calendar that you are a candidate for a degree.

7. When you are ready to put the thesis in final form, get instructions at the Dean's office. Watch your time. Consult the calendar.

8. Look to the professor of your major subject and your special supervisory committee for guidance.

9. Always feel free to seek information at the Dean's office if you have any doubt in regard to the requirements.

ADMINISTRATIVE OFFICERS

JOHN JAMES TIGERT, M.A., Ed.D., D.C.L., LL.D., President of the University.

JAMES NESBITT ANDERSON, M.A., Ph.D., Dean of the Graduate School.

MISS LILLIAN WHITLEY, Secretary to the Dean.

THE GRADUATE COUNCIL

THE DEAN.

WILLIAM JOHN HUSA, Ph.C., Ph.D., Head Professor of Pharmacy.

JAMES MILLER LEAKE, Ph.D., Head Professor of History and Political Science.

TOWNES RANDOLPH LEIGH, M.A., Ph.D., Head Professor of Chemistry and Dean, College of Pharmacy.

JAMES WILLIAM NORMAN, M.A., Ph.D., Head Professor of Education and Dean, Teachers College.

THOMAS MARSHALL SIMPSON, M.A., Ph.D., Head Professor of Mathematics.

JOHN EDWIN TURLINGTON, M.S., Ph.D., Head Professor of Agricultural Economics.

FACULTY

Those offering courses in this bulletin.

CHARLES ELLIOTT ABBOTT, M.S., Assistant Professor of Horticulture.

JAMES NESBITT ANDERSON, M.A., Ph.D., Head Professor of Ancient Languages and Dean of the Graduate School.

MONTGOMERY DRUMMOND ANDERSON, Ph.D., Professor of Business Statistics and Economics.

- ERNEST GEORGE ATKIN, M.A., Ph.D., Head Professor of French.
- ROLLIN SALISBURY ATWOOD, M.A., Ph.D., Associate Professor of Economic Geography, and Assistant Dean of the College of Commerce and Journalism.
- WALTER HERMAN BEISLER, M.S., D.Sc., Professor of Chemical Engineering.
- TRUMAN C. BIGHAM, M.A., Ph.D., Associate Professor of Economics.
- ALVIN PERCY BLACK, B.A., Professor of Agricultural Chemistry.
- ARTHUR AARON BLESS, M.S., Ph.D., Associate Professor of Physics.
- LUCIUS MOODY BRISTOL, M.A., Ph.D., Head Professor of Sociology.
- CHARLES CARROLL BROWN, C.E., M.A., Assistant Professor of Civil Engineering.
- FRANK WARNER BRUMLEY, M.S.A., Instructor in Farm Management.
- JOSEPH BRUNET, Ph.D., Assistant Professor of French.
- OLLIE CLIFTON BRYAN, M.S., Ph.D., Head Professor of Agronomy.
- CHARLES FRANCIS BYERS, M.A., Ph.D., Assistant Professor of Biology.
- HENRY HOLLAND CALDWELL, M.A., Assistant Professor of English.
- WILLIAM RICHARD CARROLL, M.S., Assistant Professor of Botany and Bacteriology.
- JAMES EDWARD CHACE, JR., M.B.A., Assistant Professor of Economics and Business Management.
- BERNARD V. CHRISTENSEN, M.S. Pharm., Ph.D., Head Professor of Pharmacognosy and Pharmacology.
- MADISON DERRELL CODY, M.A., Head Professor of Botany and Bacteriology.
- ALFRED CRAGO, Ph.D., Professor of Educational Psychology, Tests and Measurements.
- JOHN THOMAS CREIGHTON, M.S., Instructor in Entomology and Plant Pathology.
- CHARLES LANGLEY CROW, M.A., Ph.D., Head Professor of German and Spanish.
- RALPH DAVIS DICKEY, B.S.A., Assistant Professor of Entomology and Plant Pathology.
- HARWOOD BURROWS DOLBEARE, B.A., Associate Professor of Finance.
- BERNARD FRANCIS DOSTAL, M.A., Assistant Professor of Mathematics.
- HOWARD DYKMAN, B.A., LL.B., Professor of Economics and Insurance.
- JOHN GRADY ELDRIDGE, M.A., Associate Professor of Economics.
- ELMER JACOB EMIG, M.A., Head Professor of Journalism.
- HASSE OCTAVIUS ENWALL, S.T.B., Ph.D., Head Professor of Philosophy and Psychology.
- JAMES MARION FARR, M.A., Ph.D., Head Professor of English and Vice-President of the University.
- LESTER COLLINS FARRIS, M.A., Associate Professor of English.
- WILBUR LEONIDAS FLOYD, M.S., Head Professor of Horticulture and Assistant Dean, College of Agriculture.
- PERRY ALBERT FOOTE, M.S. Pharm., Ph.D., Associate Professor of Pharmacy.
- JOSEPH RICHARD FULK, M.A., Ph.D., Professor of Education.
- EDWARD WALTER GARRIS, M.A., Ph.D., Professor of Agricultural Education.
- LEONARD GIOVANNOLI, M.A., Instructor in Biology.
- ROBERT CABANISS GOODWIN, M.A., Ph.D., Assistant Professor of Chemistry.
- HOWARD WILLIAM GRAY, M.S., C.P.A., Professor of Accounting.
- HENRY GLENN HAMILTON, Ph.D., Associate Professor of Marketing Agricultural Products.
- FRED T. HANNAFORD, B.A., Instructor in Architecture.
- FRED HARVEY HEATH, Ph.D., Professor of Chemistry.
- ELMER DUMOND HINCKLEY, Ph.D., Associate Professor of Psychology.
- THEODORE HUNTINGTON HUBBELL, M.A., Associate Professor of Biology.

- HUBER CHRISTIAN HURST, A.B., LL.B., Associate Professor of Economics and Business Law.
- WILLIAM JOHN HUSA, Ph.G., Ph.D., Head Professor of Pharmacy.
- VESTUS TWIGGS JACKSON, M.S., Ph.D., Associate Professor of Chemistry.
- HENRY NORTON JUNE, B.S. Arch., A.I.A., Instructor in Architecture.
- FRANKLIN WESLEY KOKOMOOR, M.A., Ph.D., Associate Professor of Mathematics.
- ELLSWORTH GAGE LANCASTER, M.A., Ph.D., Assistant Professor, Child and Adolescent Psychology.
- JAMES MILLER LEAKE, Ph.D., Head Professor of History and Political Science.
- TOWNES RANDOLPH LEIGH, M.A., Ph.D., Head Professor of Chemistry and Dean, College of Pharmacy.
- WALTER K. LONG, B.F.A., Instructor in Architecture and Drawing.
- EARLL LESLIE LORD, M.S., Professor of Horticulture.
- WILLIAM LEONARD LOWRY, B.A., Assistant Professor of Journalism.
- WALTER JEFFERIES MATHERLY, M.A., Head Professor of Economics and Dean, College of Commerce and Journalism.
- JAMES WILLIAM NORMAN, M.A., Ph.D., Head Professor of Education, and Dean, Teachers College.
- ANCIL N. PAYNE, M.A., Assistant Professor of History and Political Science.
- WILLIAM SANFORD PERRY, M.S., Associate Professor of Physics.
- CECIL GLENN PHIPPS, M.A., Ph.D., Associate Professor of Mathematics.
- MELVIN PRICE, E.E., M.A., Head Professor of Mechanical Engineering.
- CHARLES ARCHIBALD ROBERTSON, M.A., Professor of English.
- JOSEPH ROEMER, M.A., Ph.D., Professor of Secondary Education.
- FRAZIER ROGERS, B.S.A., Head Professor of Agricultural Engineering.
- JAMES SPEED ROGERS, M.A., Head Professor of Biology and Geology (on leave 1930-1931).
- NATHAN WILLARD SANBORN, M.D., Head Professor of Poultry Husbandry.
- PETTUS HOLMES SENN, M.S., Assistant Professor of Agronomy.
- HARLEY BAKEWELL SHERMAN, M.S., Associate Professor of Biology.
- GLENN BALLARD SIMMONS, M.A. in Ed., Assistant Professor of Education and Assistant Dean, Teachers College.
- STANLEY SIMONDS, Ph.D., Professor of Ancient Languages.
- THOMAS MARSHALL SIMPSON, M.A., Ph.D., Head Professor of Mathematics.
- O. C. R. STAGEBERG, B.S. Arch., Assistant Professor of Architecture.
- DOYAL EDGAR TIMMONS, M.S.A., Assistant Professor of Farm Economics.
- LESLIE BENNETT TRIBOLET, Ph.D., Assistant Professor of Political Science.
- JOHN EDWIN TURLINGTON, M.S., Ph.D., Head Professor of Agricultural Economics.
- RUDOLPH WEAVER, B.S., A.I.A., Head Professor of Architecture and Director, School of Architecture.
- JOSEPH WEIL, B.S.E.E., M.S., Acting Professor of Electrical Engineering.
- OSBORNE WILLIAMS, Ph.D., Assistant Professor of Psychology.
- ROBERT CROZIER WILLIAMSON, Ph.D., Head Professor of Physics.
- CLAUDE HOUSTON WILLOUGHBY, M.A., Head Professor of Animal Husbandry and Dairying.
- JOSEPH PORTER WILSON, M.B.A., Assistant Professor of Marketing and Salesmanship.
- WILLIAM HAROLD WILSON, M.A., Ph.D., Professor of Mathematics and Acting Dean, College of Arts and Sciences.
- PHILIP OSBORNE YEATON, B.S.M.E., Assistant Professor of Mechanical Engineering.

GENERAL INFORMATION

ADMINISTRATION

The affairs of the Graduate School are administered by the Graduate Council, which consists of the Dean, who is ex-officio chairman, and certain members of the faculty, who are appointed annually by the President.

ADMISSION

For unqualified admission to the Graduate School, two things are needed: (1) Graduation from a standard college or university. (2) Foundation work in the major subject sufficient in quantity and quality to satisfy the requirements of the department in which the student proposes to major.

If the student cannot meet these two requirements, he may nevertheless be permitted to register and take such courses as may be required as pre-requisites to satisfy either, or both, of the above requirements. The work done under these conditions does not count towards the degree. Therefore such students will often be required to spend longer than the prescribed time in completing the requirements for the degree. It is permissible for well-qualified students to take courses in the Graduate School without becoming candidates for the advanced degree.

REGISTRATION

All graduate students, old or new, are required to register in the Office of the Dean on the regular registration days as indicated in the bulletin. The student should consult in advance the Dean and the head of the department in which he purposes to major, and inquire if he is eligible to register for this work. A complete transcript of all undergraduate and graduate work should be sent direct to the Dean of the Graduate School from the institution from which the credits have been earned.

This transcript should be in the Dean's hands at least one month before the beginning of the session. If the student seems eligible, he will be referred by the Dean to the head of the department concerned. Either the Head of the Department or some professor in that Department will become the professor of the major subject for the student, and will plan the courses for which he is to register. A blank form is furnished at the Dean's Office.

FEES

A registration fee of \$7.50 is required of all students. For the summer session this fee is \$15.00. Holders of fellowships and graduate assistantships are excused from all fees except the registration and the diploma fee. There are some fees that are optional, for instance—students' activity fee and the infirmary fee. If the student wishes to use the privileges that go with these fees, he must pay the fees in advance. Students taking the laboratory courses will usually pay the laboratory fees that are listed with those courses. All students pay a diploma fee of \$5.00 before graduation.

When students come from other states or countries and have not established residence in the State of Florida, they are required to pay an additional fee of \$100 for the regular session and an additional fee of \$2.50 for the summer session.

LIST OF FELLOWSHIPS, GRADUATE ASSISTANTSHIPS AND SCHOLARSHIPS

With the Annual Stipend

Agriculture:

L. P. Moore Fellowship	\$ 750.00
Chilean Nitrate of Soda Fellowship	1200.00
Penney-Gwinn Fellowship	1000.00
Agricultural Economics—	
Graduate Assistant in Marketing	600.00
Graduate Assistant in Farm Management.....	600.00
Agricultural Engineering—Graduate Assistant	600.00
Agronomy—Graduate Assistant	600.00
Animal Husbandry—Graduate Assistant	600.00
Entomology and Plant Pathology—Graduate Assistant	600.00
Horticulture—Graduate Assistant	600.00
(Agricultural Chemistry is included in Chemistry.)	

Biology and Geology:

Two Graduate Assistantships at \$500 each.....	1000.00
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Business Administration and Economics:

Two Graduate Assistantships at \$450 each.....	900.00
Two Research Assistants at \$450 each.....	900.00

Chemistry:

Seven Fellowships at \$500 each.....	3500.00
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Education:

Two Graduate Fellowships at \$500.....	1000.00
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Engineering:

Civil Engineering—One Graduate Fellowship at \$500.....	500.00
Mechanical Engineering—One Graduate Fellowship at \$500.....	500.00
(Chemical Engineering is included in Chemistry.)	

English:

One Half-time Instructorship at \$900.....	900.00
One Graduate Assistantship at \$600.....	600.00
Two Graduate Fellowships at \$500.....	1000.00

French:

One Graduate Fellowship at \$500.....	500.00
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History and Political Science:

Two Graduate Fellowships at \$500	1000.00
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Mathematics:

One Graduate Assistantship at \$600.....	600.00
Two Graduate Fellowships at \$500.....	1000.00

Pharmacy:

Two Half-time Instructorships at \$900.....	1800.00
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Psychology and Philosophy:

One Graduate Fellowship at \$500.....	500.00
One Graduate Assistantship at \$400	400.00

Physics:

Four Graduate Assistantships at \$600 each.....	2400.00
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Spanish and German:

Two Graduate Scholarships at \$250	500.00
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REQUIREMENTS FOR THE MASTER'S DEGREE

Degrees Offered.—Master of Arts; Master of Arts in Architecture; Master of Arts in Education; Master of Science; Master of Science in Agriculture; Master of Science in Business Administration; Master of Science in Engineering, and Master of Science in Pharmacy.

Application.—Those who wish to be considered candidates for the master's degree must present to the Dean a written application not later than the first of November of the first year's residence or March 15 for students beginning work the second semester. The blank for this application may be obtained at the Office of the Dean. This application must name the major and minor subjects offered for the degree, the title of the thesis, and the signed approval of the professor of the major subject and the professors of his minors.

Time Required.—The student must spend at least one entire academic year at the University as a graduate student devoting his full time to the pursuit of his studies. If there is a break in the student's work, his whole course must be included within a period of seven years.

Work Required.—The major work consists of twelve semester hours in courses designed for graduate students only. These courses are in the 500 numbers. Twelve semester hours are also required as one or more minors. The courses selected for the minor or minors, as well as the courses for the major work, must meet the approval of the professor of the major subject and the approval of the Dean or Graduate Council. The minors will be in the 300 or 400 or 500 numbers. The work in the minors is estimated to take about one-third of the student's time, the other two-thirds being devoted to the major work and the thesis. As a rule the student will have had four years of college work, or its equivalent, in the subject selected for his major, and not less than two years of college work in the subject, or subjects, selected as minors. As a rule, it is not permissible to select a minor in the same department as the major, but the departments should be allied.

Grades.—To obtain credit for a graduate course the student must attain a grade of not less than "B" in both major and minor work. Re-examinations are not permitted.

Foreign Language.—A reading knowledge of at least one foreign language is required of all candidates. The examination in the foreign language will be conducted by the language department concerned. This requirement must be satisfied before the beginning of the last semester. In case the student is completing all his work in the summer sessions, the foreign language requirement must be satisfied before the beginning of the third summer's work. Up to and including the year 1932, it is possible that this requirement will be waived, if this is recommended by the student's Special Committee and approved by the Graduate Council.

Thesis.—Every candidate for the master's degree must present a thesis showing original research and independent thinking on some subject accepted by the professor under whom the major work is taken, and duly submitted to the Dean for his approval, or the approval of the Graduate Council. In regard to the form of the thesis, the student should call at the Dean's office for instructions. Two copies of this thesis must be in the hands of the Dean not later than May 1 of the regular session. If the student expects to graduate at the end of the first semester, the thesis must be submitted by January 4. These copies are deposited in the Library if the thesis is accepted.

Special Committee.—When the student has qualified as a candidate by having his course of study and the title of his thesis approved, a Special Supervisory Committee consisting of not less than three members will be appointed by the Dean. The professor of the major subject will be the chairman of this committee.

General Examination.—It will be the duty of the Special Supervisory Committee, when all work is complete or practically complete, including the regular courses and the thesis, to conduct a general examination either written or oral, or both, to embrace: first, the thesis; second, the major subject; third, the minor or minors; fourth, questions of a general nature pertaining to the student's field of study. The Committee shall report in writing to the Dean not later than one week before the time for the conferring of the degree if all work has been completed in a satisfactory manner and the student is recommended for the degree.

Work Done in Absentia.—Credit is not given for work done *in absentia*. No courses may be taken for credit by extension or correspondence. But under the following conditions the Graduate Council may vote to allow the student to finish and submit his thesis when not in residence:

- (1) If he has completed his residence requirement.
- (2) If he has completed his course requirements.
- (3) If he has submitted while in residence a draft of his thesis and obtained the approval of his supervisory committee as to the substance of his thesis.
- (4) If the Supervisory Committee recommends to the Graduate Council that the student be given the privilege of finishing the thesis *in absentia* and submitting it later.

In case this privilege is granted and the final draft of the thesis is approved, it will be necessary for the student to appear and stand the final examination. His presence will also be necessary at Commencement if the degree is conferred.

Summer School.—Four complete summer terms devoted entirely to graduate work will satisfy the time requirement. The terms need not be consecutive, but the work must be completed within seven years. The application, blank form 2, must be presented not later than four weeks after the beginning of the first term. The title of the thesis should be submitted by the end of the first summer. It must be submitted and approved by the end of the second summer, or else the student will not be permitted to graduate in two more summers. Unless the student presents by the end of his third summer a draft of his thesis sufficient to convince the professor of his major subject that he will have a satisfactory thesis, the student will not be eligible to graduate by the end of his fourth summer. The thesis itself must be completed and submitted to the Dean not later than the end of the fourth week of the summer session in which the student expects to receive his degree.

REQUIREMENTS FOR THE DEGREE OF DOCTOR OF PHILOSOPHY

Beginning with the session of 1930-31 the University of Florida is prepared to register students who wish to enter upon a course leading to the Degree of Doctor of Philosophy, but only in the departments of Chemistry and Pharmacy.

It is expected that other departments will be added from year to year as our facilities increase. The degree will not be conferred before 1933.

Residence.—A minimum of three academic years of resident graduate work, of which at least the last year shall be spent at the University of Florida, is required of all candidates for the doctor's degree. In many cases, it will be necessary to remain longer than three years, and necessarily so when the student is not putting

in his full time in graduate work. Two-thirds of the student's time is expected to be spent upon his major subject and the dissertation, and about one-third on his minor or minors. The student will be guided by the professor of his major subject and by his special committee in regard to his whole course of study. The Graduate Council does not specify just what courses or how many courses will be required. The work is now mainly research, and the student will be thrown largely upon his own responsibility. He is expected to familiarize himself thoroughly with his field of study, and as a result of his studies and investigations, to produce a work which will add something to human knowledge.

The student must take one minor and may not take more than two minors. The double minor will require twice as much work in that subject as a single minor.

Special Committee.—When the student has advanced sufficiently towards his degree, a special committee will be appointed by the Dean, of which committee the professor of the major subject will be chairman. This committee will direct, advise, and examine the student.

Language Requirement.—A reading knowledge of both French and German is required of all candidates for the Ph.D. degree. The examinations in the languages are held by the language departments concerned. These requirements should be removed as early as possible in the student's career, and must be satisfied before the applicant can be admitted to the qualifying examination.

Qualifying Examination.—A qualifying examination is required of all candidates for the degree of Doctor of Philosophy. This examination will be held during the second semester of the second year of residence. The examination is both written and oral and covers both major and minor subjects. It will be conducted by his special supervisory committee. The qualifying examination must be passed at least a year before the student comes up for the degree. If the student fails in his qualifying examination, he will not be given another opportunity unless for special reasons a re-examination is recommended by his special committee and approved by the Graduate Council.

Dissertation.—A satisfactory dissertation showing independent investigation and research is required of all candidates. Two typewritten copies of this dissertation must be presented to the Dean not later than May 1 of the year in which the candidate expects to receive his degree. If the student should be a candidate for the degree in a summer term, July 1 would be the final date for submitting the dissertation to the Dean.

Printing of Dissertation.—One hundred printed copies of the dissertation must be presented to the University within one year after the conferring of the degree. After the dissertation has been accepted, the candidate must deposit with the Business Manager, not later than one week before the degree is conferred, the sum of \$50 as a pledge that the dissertation will be published within the prescribed time. This sum will be returned if the printed copies are received within the year.

Final Examination.—After the acceptance of the dissertation and the completion of all the work of the candidate, he will be given a final examination, oral, written, or both oral and written, by his Special Supervisory Committee.

Recommendation.—If the final examination is passed, the Special Committee will report to the Dean in writing not later than one week before the time for conferring the degree that the student has met all requirements for the degree, and that he is presented to the Graduate Council for recommendation to the Board of Control for the Degree of Doctor of Philosophy.

DEPARTMENTS OF INSTRUCTION

Graduate Courses.—Only strictly graduate courses are listed in this bulletin. For other courses in the various departments see the bulletin of the college in which the courses are offered.

GRADUATE COURSES

AGRICULTURAL ECONOMICS

As. 501-502.—Agricultural Economics Seminar. 2 hours. 2 credits. TURLINGTON and staff.

A study of recent literature and research work in agricultural economics.

As. 503-504.—Marketing Seminar. 2 hours. 2 credits. HAMILTON and staff.

A study of recent literature and research work on marketing agricultural commodities.

As. 505-506.—Research Problems. Hours and credit to be arranged and approved by the Head of the Department. TURLINGTON and staff.

As. 508.—Land Economics. 2 hours and 2 hours laboratory. 3 credits. HAMILTON, TIMMONS.

Rural taxation, colonization and adjustment of rural lands to their best uses.

As. 509.—Citrus Grove Organization and Management. 1 hour and 2 hours laboratory. 2 credits. TURLINGTON, BRUMLEY.

The organization and management of successful citrus properties in Florida.

As. 510.—Organization and Management of Truck Farms. 1 hour and 2 hours laboratory. 2 credits. TURLINGTON, TIMMONS.

The economic organization and management of successful truck farms in Florida.

AGRICULTURAL ENGINEERING

Ag. 501-502.—Seminar. 1 hour. 2 credits. ROGERS.

Review of the literature on agricultural engineering subjects.

Required of all graduate students registered in the Department.

Ag. 503-504.—Research Work. Hours to be arranged. 2 to 6 credits. ROGERS.

Special problems in agricultural engineering.

AGRONOMY

Ay. 500-501.—Seminar. 1 hour. 2 credits. BRYAN.

Discussion of agronomy problems, and review of literature dealing with soils and crops.

Ay. 502.—Plant Breeding. 2 hours. 2 credits. SENN.

Variation and inheritance in plants and the application of genetic principles to crop improvement.

Prerequisite: **Ay. 307.**

Ay. 504.—Soil Classification. 2 hours and 2 hours laboratory. 3 credits. BRYAN.

The origin and principles of soil classification and land values. Detail maps of certain areas will be required.

Prerequisite: **Ay. 301.**

Given alternate years. Not offered in 1930-31.

Ay. 505-506.—Research. 2 to 10 credits. BRYAN and SENN.

Special problems in soils and crops.

Ay. 507.—Advanced Soils. 2 hours and 2 hours laboratory. 3 credits. BRYAN.

The components of the soil and their physico-chemical properties, including the origin, nature and significance of soil colloids, soil reaction, replaceable bases and plant responses.

Prerequisite: **Ay. 302.**

Laboratory fee: \$2.

Given alternate years. Not offered in 1930-31.

Ay. 508.—Methods of Crop Investigation. 2 hours, 2 credits. SENN.

Field plot technic—statistical analysis of data—consideration of environmental factors influencing experimental results.

Prerequisite: **Ay. 201.**

Ay. 510.—Soil Biology. 2 hours and 2 hours laboratory, 3 credits. BRYAN.

The micro-organisms in the soil and their biochemical effect on the fertility of the soil, and plant growth.

Prerequisite: **Bact. 301.**

Laboratory fee: \$2

Ay. 511.—Soil Analysis. 1 hour and 5 hours laboratory, 3 credits. BRYAN.

Methods of soil analysis and research.

Prerequisite: **Cy. 302.**

Laboratory fee: \$3.

Given alternate years. Offered in 1930-31.

Ay. 512.—Soils of Florida. 2 hours and 2 hours laboratory, 3 credits. BRYAN.

The origin and development of the soils of Florida; relation between soil type, plant growth and agricultural uses; critical study of the soils of the United States.

Prerequisite: **Ay. 301.**

Given alternate years. Offered in 1930-31.

ANIMAL HUSBANDRY

Al. 501.—Animal Production. 3 to 5 hours. Credits as arranged. WILLOUGHBY.

Problems in the production of domestic animals; development of breeds; management of herds; research on selected topics.

Al. 503.—Animal Nutrition. 3 to 5 hours. Credits as arranged. WILLOUGHBY.

Problems in feeding and nutrition of farm animals; history of the science of animal nutrition; research on selected topics.

ARCHAEOLOGY

Agy. 501-502.—Roman Archaeology. 3 hours, 6 credits. SIMONDS.

Acceptable as a minor for those majoring in Greek.

ARCHITECTURE

Ae. 501-502.—Architectural Design. 18 hours drafting and research, 12 credits. WEAVER and staff.

Research on some special phase of architectural design which shall be selected by the student with the approval of the Director.

Prerequisite: **Ae. 402.**

Laboratory fee: \$5 per semester.

Ae. 521-522.—Advanced Freehand Drawing. 6 hours studio, 4 credits. LONG.

Prerequisite: **Ae. 321.**

Laboratory fee: \$5 per semester.

Ae. 525-526.—Advanced Water Color. 6 hours studio, 4 credits. LONG.

Outdoor sketching from nature. Advanced architectural rendering.

Prerequisite: **Ae. 326.**

Laboratory fee: \$5 per semester.

Ae. 531-532.—Historical Research. 2 hours, 4 credits. JUNE, STAGEBERG.

Research on some historical phase or phases of architecture and allied arts which shall be determined by the student in consultation with his advisors.

Prerequisite: **Ae. 332.**

Ae. 551-552.—Building Construction. 2 hours. 4 credits. JUNE, HANNAFORD.

Research on various types of building materials, their methods of and fitness for use in various parts of the country, with advancement of some original theories in connection with such subjects.

Prerequisite: Ae. 352 and 465.

BIOLOGY

Bly. 501-502.—Current Biological Literature. 1½ hours. 2 credits.

ROGERS, HUBBELL, SHERMAN, BYERS, GIOVANNOLI.

An informal Journal Club that meets once a week to review some of the current biological journals and books.

Required of all graduate students majoring in Biology.

Bly. 505-506.—Zoological Classification and Nomenclature. 1 hour and 10 hours laboratory work. 3 credits. ROGERS, HUBBELL, SHERMAN, BYERS, or GIOVANNOLI.

An approved group of animals is studied under the direction of one of the members of the department as an illustration of the biological and taxonomic problems involved in animal classification.

Prerequisites: An undergraduate major in biology, including Bly. 0201 or 0202 or 311, or their equivalents.

Laboratory fee: \$5.

Bly. 507-508.—Problems in Invertebrate Zoology. Hours and credits to be arranged. BYERS.

Individual problems on the life histories, habits and distribution of an approved group of invertebrate animals.

Prerequisite: An undergraduate major in biology, including Bly. 0201.

Laboratory fee: \$5.

Bly. 509-510.—Problems in Animal Ecology. Hours and credits to be arranged. ROGERS.

Individual problems in the ecological distribution of selected local animals or on the animal communities of Northern Florida.

Prerequisites: An undergraduate major in biology, including Bly. 402.

Laboratory fee: \$5.

Not given in 1930-31.

Bly. 511-512.—Problems in Entomology. Hours and credits to be arranged. HUBBELL.

Individual problems in insect morphology, classification or distribution.

Prerequisite: An undergraduate major in biology, including Bly. 0302.

Laboratory fee: \$5.

Bly. 513-514.—Problems in Vertebrate Zoology. Hours and credits to be arranged. SHERMAN.

Individual problems on either the morphology, embryology or natural history of local mammals.

Prerequisite: An undergraduate major in biology, including Bly. 311-312.

Laboratory fee: \$5.

BOTANY AND BACTERIOLOGY

BOTANY

Bty. 501-502.—Problems in Taxonomy. Hours to be arranged. Research. 8 to 10 credits. CODY.

Laboratory fee: \$5.

Bty. 503-504.—Problems in Plant Physiology. 8-10 credits. Nutrition, assimilation, etc. CODY.

Laboratory fee: \$5.

Bty. 505-506.—Problems in Plant Histology. 8-10 credits. Comparative methods in killing, fixing, sectioning and staining plant tissues. CODY.
Laboratory fee: \$5.

BACTERIOLOGY

Bcy. 501-502.—Problems in Soil Bacteriology. Hours to be arranged. 8-10 credits. CARROLL.
Research.
Laboratory fee: \$5.

Bcy. 503-504.—Problems in Dairy Bacteriology. Hours to be arranged. 8-10 credits. CARROLL.
Research.
Laboratory fee: \$5.

Bcy. 505-506.—Problems in Pathogenic Bacteriology. Hours to be arranged. 8-10 credits. CARROLL.
Research.

Bcy. 507-508.—Problems in Water Bacteriology. Hours to be arranged. 8-10 credits. CARROLL.
Research.
Laboratory fee: \$5.

CHEMISTRY

Cy. 501.—Organic Preparations. 9 hours laboratory or its equivalent. 3 credits. LEIGH.

The preparation of some typical compounds. Occasional discussions of principles and theories. A reading knowledge of French and German desired.

Laboratory fee: \$5.

Cy. 504.—Inorganic Preparations. 9 hours laboratory or its equivalent. 3 credits. LEIGH.

Laboratory work involving the preparation of a number of typical inorganic compounds in addition to collateral reading and discussions. A reading knowledge of French and German desired.

Laboratory fee: \$5.

Cy. 505.—Organic Nitrogen Compounds. 3 hours. 3 credits. LEIGH.

Special lectures and collateral reading relative to the electronic and other theoretical conceptions of organic compounds containing nitrogen. Explosives; pseudo acids, certain dyes; alkaloids; proteins; etc.

Given alternate years. Not offered in 1930-1931.

Cy. 506.—Special Chapters in Organic Chemistry. 3 hours. 3 credits. BEISLER.

Lectures and collateral reading. In general topics to be studied will be chosen from the following list: stereochemistry, tautomerism, the configuration of the sugars, acetoacetic ester syntheses, malonic ester syntheses, the Grignard reaction, benzene theories, diazo compounds and dyes.

Given alternate years. Offered in 1930-1931.

Cy. 509.—Electrochemistry. 3 hours or its equivalent. 3 credits. JACKSON.

A theoretical study of the applications of electrochemical principles.

Given alternate years. Offered in 1930-1931.

Cy. 513.—Colloid Chemistry. 2 hours and 3 hours laboratory. 3 credits. BEISLER.

The theories, practice and applications of colloid chemistry.

Laboratory fee: \$5.

Given alternate years. Not offered in 1930-1931.

Cy. 516.—Chemistry of the Rare Elements. 3 hours. 3 credits. HEATH.

Deals with the mineral occurrences, preparation, properties, and uses of the rarer elements and their compounds. Relations to the more common elements will be clearly shown as well as methods for separation and purification.

Given alternate years. Offered in 1930-1931.

Cy. 519.—Atomic Structure. 3 hours or its equivalent. 3 credits. BLACK.
Special lectures and collateral reading dealing with modern theories of the structure of the atom. The Journal literature is largely used as the basis of study.

Given alternate years. Offered in 1930-1931.

Cy. 525.—Chemistry of the Terpenes. 3 hours. 3 credits. GOODWIN.

A study of hydroaromatic compounds, including the terpenes and their derivatives.

Given alternate years. Offered in 1930-1931.

Cy. 531.—Advanced Qualitative Analysis. 9 hours laboratory or its equivalent. 3 credits. JACKSON.

Systematic laboratory study of the qualitative reactions for the detection and confirmation of rare and precious elements.

Laboratory fee: \$5.

Cy. 533.—Advanced Quantitative Analysis. 9 hours laboratory or its equivalent. 3 credits. BLACK.

The application of physico-chemical methods to quantitative analysis. Electrometric titrations. Nephelometry. Colorimetry. Emphasis is placed upon instrumental methods.

Laboratory fee: \$5.

Given alternate years. Not offered in 1930-1931.

Cy. 551-552.—Chemical Research. 9 to 15 hours laboratory or its equivalent. 3 to 5 credits. LEIGH, BLACK, BEISLER, HEATH, JACKSON and GOODWIN.

ECONOMICS AND BUSINESS ADMINISTRATION

Es. 505.—The Development of Economic Thought. 3 hours. 3 credits. ELDRIDGE.

The development of economic thought—careful analysis of the theories of the various schools of economic thought—study of the Physiocrats, Mercantilism, the Classical Economist, the leading economists of the Austrian School, and a brief survey of the beginnings of Socialism—the development of theoretical background for research and graduate work of an advanced nature.

Required of candidates for the degree of Master of Arts in Economics.

Es. 506.—The Development of Economic Thought, continued. 3 hours. 3 credits. ELDRIDGE.

Analysis of the thought of the followers and defenders on the one hand and of the abler critics on the other of the Classical Economists—appraisals of recent contributions of the various schools in formulating a system of economic analysis.

Required of candidates for the degree of Master of Arts in Economics.

Es. 504.—Problems in Trust Regulation. 3 hours. 3 credits. HURST.

A critical study of industrial combinations.

Bs. 509-510.—Seminar in Business Management. 3 hours. 6 credits. MATHERLY and CHACE.

Special studies in management theory and practice.

Bs. 511-512.—Seminar in Accounting. 3 hours. 6 credits. GRAY.

Special problems and investigations will be assigned to individual students.

Bs. 522.—Problems in Investments. 3 hours. 3 credits. DOLBEARE.

Problems, investigations, and analyses in the field of investments.

Bs. 523.—Seminar in Banking. 3 hours. 3 credits. DOLBEARE.

Individual and group studies of special phases and problems of banking.

Es. 526.—Seminar in Banking Systems. 3 hours. 3 credits. DOLBEARE.

A special study of types of banking.

Es. 529-530.—Problems in Government Finance. 3 hours. 6 credits. ELDRIDGE.

Special studies in federal, state, and local taxation.

Bs. 531-532.—Seminar in Marketing. 3 hours. 6 credits. WILSON.

Investigation of special problems in marketing.

Es. 535.—Seminar in International Trade. 3 hours. 3 credits. ATWOOD.
Advanced work dealing with the development of international trade.

Bs. 536.—Seminar in Foreign Trade Technique. 3 hours. 3 credits. ATWOOD.

A study of the specific problems and practices involved in exporting and importing.

Es. 554.—Problems in Public Utility Economics. 3 hours. 3 credits. BICHAM.

Advanced study of public utility problems.

Es. 562.—Special Studies in Social Insurance. 3 hours. 3 credits. DYKMAN.

Es. 569-570.—Seminar in Statistics and Business Forecasting. 3 hours. 6 credits. ANDERSON.

Critical study of special problems in statistics and business forecasting.

Es. 573.—Problems in Labor Economics. 3 hours. 3 credits. BICHAM.

Advanced study of special labor problems.

EDUCATION

En. 501.—The Elementary School Curriculum. 3 hours. 3 credits. SIMMONS.

An intensive study of the development and present content of the elementary school curriculum, including the kindergarten; the selection and evaluation of material.

En. 503.—Seminar in Educational Measurements. Fee, \$1.50. 2 credits. CRAGO.

Students will be guided in the investigation of educational problems involving measurement, diagnostic and remedial measures. The course is primarily for graduate students with experience in residence or in the field.

En. 504.—The School Survey. 3 hours. 3 credits. FULK, CRAGO, SIMMONS.
Not given in 1930-1931.

En. 505.—The Organization and Administration of Extra-Curricular Activities in Junior and Senior High Schools. 3 hours. 3 credits. ROEMER.

This course deals with constructive school policies which have to do with student life in the development of initiative, leadership, cooperation, and other desirable traits of character. Special study is made of the pupil programs existing in Florida high schools.

En. 506.—Methods of Teaching Farm-Shop Work. 2 hours. 2 credits. GARRIS.

The selection and organization of subject matter, the selection of equipment, and the methods of teaching farm-shop jobs. Offered as demands arise and during the summer school.

En. 507.—Seminar in Educational Psychology. 3 hours. 3 credits. CRAGO.

Students will be guided in the investigation of problems in directed learning, individual differences and adjustment of problem children. Primarily for graduate students with experience in residence or in the field.

En. 508.—Democracy and Education Seminar. 3 hours. 3 credits. NORMAN.

The nature of experience, the nature of institutions, the social inheritance, the individual, society, socialization, social control, dynamic and static societies, education its own end.

En. 509.—Problems in the Administration of a School System. 3 hours. 3 credits. FULK.

Given in summer session.

Problems selected to meet individual needs; each student selects some problem for special study and presents the results of his study in the form of a thesis.

Prerequisite: **En. 401** or equivalent or administrative experience.

En. 510.—The History of Education. 3 hours. 3 credits. FULK.

An attempt to evaluate present-day education by tracing its dominant factors—the teacher, the student, the curriculum, the educational plant, the means of control and support—back to their beginnings; and to point out present tendencies and possible developments.

En. 511.—Methods and Materials in Vocational Agriculture. 3 hours. 3 credits. GARRIS.

The selection and organization of subject-matter from the vocational point of view. Offered when demand arises and during the summer school.

En. 512.—Methods and Materials in Vocational Agriculture. 3 hours. 3 credits. GARRIS.

A continuation of Education 511.

En. 518.—Special Problems in High School Organization and Administration. 3 hours. 3 credits. ROEMER.

This course will consist of an intensive study of specific problems in organizing and administering the modern high school. Special reference will be made to Florida.

Prerequisite: En. 408.

En. 519.—High School Curriculum. 3 hours. 3 credits. ROEMER.

The problems of the curriculum of the high school in its organization; standards for the selection of the curriculum; factors to be considered—age of pupils, social standing, probable school life, probable vocation; traditional subjects and their possible variations; new subjects and their values, systems of organization, election and prescription; problems of articulation with the elementary school, the college, the vocational school, and the community.

En. 521.—Business Administration of a School System. 3 hours. 3 credits. FULK.

Not given 1930-1931.

Problems concerned with the procuring and spending of revenue; a thesis on a special problem.

Prerequisite: Wide administrative experience.

En. 527.—Research and Thesis Writing. 1 hour. No credit. FULK.

Designed primarily to help graduate students in education in writing their theses. Required of all students majoring in education; open to all graduate students.

En. 528.—Supervision. 3 hours. 3 credits. SIMMONS.

A graduate course in the supervision of instruction.

En. 541.—Control and Support of Public Education. 3 hours. 3 credits. FULK.

State, federal and other agencies of control and support of education in the United States; world—history background; present tendencies and possible developments. Saturday class; planned primarily for teachers in service.

En. 542.—The Curriculum and the Educational Plant. 3 hours. 3 credits. FULK.

Present status of curriculum and plant and their relation in all types of schools, viewed in the light of their historical development; a world view with emphasis on present tendencies in the United States.

Not given 1930-1931.

En. 543.—The Teacher and the Learner. 3 hours. 3 credits. FULK.

Some outstanding teachers, including educational theorists, philosophers, reformers and statesmen and their students; the training and professionalizing of the teacher; the spread, compulsion and extension of education and its relation to world revolutions.

Not given 1930-1931.

En. 547.—Mental Hygiene in Education. 3 hours. 3 credits. LANCASTER.

Based upon a thorough knowledge of the nervous system and our biological and social inheritance, this course will inquire into the causes of mental abnormalities, or diseases, and will discuss methods of preventing them and also the best ways of conserving nervous energy of children and strengthening the normal mind.

En. 562.—Guidance and Counseling. 2 credits. CRAGO.

The course will include a study of guidance and counseling of high school students. Educational and vocational guidance and problems of personality adjustment will be considered.

En. 565-566.—Problems in Agricultural Education. Seminar. 3 hours, 6 credits. GARRIS.

Designed for graduate students who are qualified to select and pursue advanced problems. Problems will be selected to suit individual needs and the results of the study reported in the form of term papers. The class will meet for three hours every other Saturday during both semesters.

En. 567-568.—Problems in Agricultural Education. Seminar. 3 hours, 6 credits. GARRIS.

Similar to Education 565-566 in organization and offered in alternate years with it.

En. 569.—Problems in Organizing Part-time and Evening Classes. 6 hours, 3 credits. GARRIS.

The class will organize and teach a part-time or evening class in vocational agriculture in the Alachua community. Offered only in the summer school.

En. 603.—Foundations of Method. 3 hours, 3 credits. NORMAN.

The improvement of college and high school teaching. Open to graduate students and members of the university faculty who care to enroll.

ENGINEERING

AGRICULTURAL ENGINEERING

Listed under that name.

CHEMICAL ENGINEERING

See Chemistry.

CIVIL ENGINEERING

Cl. 501-502.—Advanced Work in Structural Engineering. 3 hours and 6 hours laboratory, 6 credits. REED.

This advanced course for graduate students will cover advanced work in the theory, design, and drawing of structures, particularly in connection with buildings.

Prerequisite: **Cl. 403-404.**

Cl. 507-508.—Advanced Work in Municipal Engineering. 2 hours and 3 hours laboratory, 6 credits. BROWN.

Study of action and operation of Imhoff sewage disposal plant of the university. Physical, biological, bacteriological, and chemical observations to determine efficiency and economy of various methods of operation and improvements in operation to increase the same.

Prerequisite: **Cl. 409.**

Cl. 509-510.—Advanced Work in Municipal Engineering. 2 hours and 3 hours laboratory, 6 credits. BROWN.

A course supplementing **Cl. 507-508** covering similar investigations in connection with septic tanks.

ELECTRICAL ENGINEERING

El. 501-502.—Advanced Experimental Electrical Engineering. Given upon demand. Variable credit. WEIL.

Experimental investigations on electrical apparatus.

Prerequisite: Not less than 4 credits in electrical engineering laboratories and electrical engineering laboratory work.

El. 503.—Advanced Electrical Theory. 3 hours, 3 credits. WEIL.

Laws of the electric and magnetic circuit. Transient phenomena.

Prerequisite: **El. 311** or **Ps. 311.**

El. 504.—Electric Measurements. 3 hours. 2 hours laboratory. 4 credits. WEIL and staff.

The theory and practice of methods of measurement of resistance, current, electro-motive force, power and energy. Planned primarily for advanced students in physics, chemistry and electrical engineering.

Prerequisite: 1 year college physics.

MECHANICAL ENGINEERING

MI. 501-502.—Advanced Mechanical Design. 6 hours laboratory. 6 credits. PRICE.

The design of some machine with critical attention to some phase thereof, usually accompanied by laboratory work illustrative of the application of theory or behavior of materials under assumed special working conditions.

MI. 503-504.—Mechanical Research. 6 hours laboratory. 6 credits. YEATON.

An experimental study of a mechanical engineering project, acceptable to the Department. Design and construction of apparatus. Operation of tests. Collection of data and presentation of results in form of thesis.

Prerequisites: **MI. 320; MI. 411.**

Laboratory fee: \$5 and cost of materials.

ENGLISH

Eh. 501-502.—American Literature. 3 hours. 6 credits. FARRIS.

A study of the prose and poetry of America as influenced by the historical background, and of the English and continental literary movement. Extensive reading, report and discussion.

Eh. 503-504.—The novel. 3 hours. 6 credits. FARR.

This course centers in the study of both the historical development and the technique of the English and American novel, but with attention directed to the European movements.

Eh. 505-506.—The Renaissance in England. 3 hours. 6 credits. CALDWELL.

A study of sixteenth and seventeenth century literature as directly and indirectly influenced by the Renaissance.

Eh. 507-508.—Contemporary Drama, Novel and Poetry. 3 hours. 6 credits. ROBERTSON.

A survey of the English and American fields and their connection with European movements.

Eh. 509-510.—Middle English. 3 hours. 6 credits. ROBERTSON.

Extensive study of the Chaucerian and earlier texts, from both the linguistic and literary points of view.

Eh. 511-512.—Anglo-Saxon. 3 hours. 6 credits. FARR.

Anglo-Saxon grammar; reading of selections in Bright's *Anglo-Saxon Reader*; the *Beowulf*.

NOTE: For those majoring in English, the foreign-language requirement is either French or German.

ENTOMOLOGY

Ey. 501-502.—Research. 6 hours laboratory. 6 credits. CREIGHTON.

Course in special laboratory, insectary and field methods. A survey of the leading problems and methods in certain laboratories, and practice in the more complicated methods of technique.

Ey. 503-504.—Problems in Entomology. 6 hours laboratory. 6 credits. CREIGHTON.

Graduate problems in the various phases of entomology, as shall be selected on approval of the instructor in charge.

Required of graduate students registered for degree in this department.

FRENCH

Fh. 505-506.—The French Novel. 3 hours. 3 credits each semester. ATKIN.
Evolution of the novel from the seventeenth century to the present, with special emphasis on the nineteenth century; reading of representative novels; reports.

Fh. 507-508.—Special Study in French Literature. 3 hours. 3 credits each semester. ATKIN, BRUNET.

Individual reading and reports under supervision of the instructor, on selected topics in the field of French literature from the sixteenth century onward.

GERMAN

Gn. 501.—Gothic. 6 credits. CROW.

An introduction to the scientific study of the Germanic languages. Textbooks: J. Wright, *Grammar of the Gothic Language*; W. Streitberg, *Gotisches Elementarbuch*.

Prerequisite: A reading knowledge of German. Some knowledge of Latin or Greek highly desirable.

Gn. 502.—Old High German. 6 credits. CROW.

An introductory course. Intensive study of grammar. Reading of selections. Textbooks: W. Braune, *Althochdeutsche Grammatik* and *Althochdeutsches Lesebuch*.

Prerequisite: Some knowledge of Gothic, not indispensable, but very helpful.

Gn. 503-504.—Middle High German. 12 credits. CROW.

Grammar. Readings. Not given in 1930-1931.

Gn. 505-506.—Special Studies in German Literature. 12 credits. CROW.
Contemporary Authors.

GREEK

Gk. 501-502.—Homer. 3 hours. 6 credits. ANDERSON.

All the *Iliad* and *Odyssey*, and selections from allied Poets.

Gk. 503-504.—Historians, Herodotus and Thucydides. 3 hours. 6 credits.
ANDERSON.

HISTORY

Hy. 501-502.—American History, 1492-1830. 3 hours. 6 credits. LEAKE.
Given 1931-32.

Hy. 503-504.—American History, 1830 to the Present. 3 hours. 6 credits.
LEAKE.

Given 1930-31.

Hy. 505-506.—English History. 3 hours. 6 credits. PAYNE.

Given 1931-32.

Hy. 507-508.—The Renaissance and the Reformation. 3 hours. 6 credits.
LEAKE.

Given 1931-32.

Hy. 509-510.—Seminar in American History. 6 credits. LEAKE.

Given 1930-31.

HORTICULTURE

He. 503-504.—Horticulture Seminar. 1 hour. 2 credits. FLOYD, ABBOTT.

A study of current horticultural literature and practice; assigned topics and discussion.

He. 505-506.—Horticultural Problems. 2 hours. 4 credits. LORD.

A critical study of advanced problems in horticulture as given in recent literature methods used in experimental horticulture; results of experiments and their application.

He. 507-508.—Research Work. 3 hours. 6 credits. FLOYD, LORD and ABBOTT.
Specific problems in horticulture.

JOURNALISM

Jm. 503-504.—Special Studies in Newspaper Production. 3 hours. 6 credits. No credit toward a degree will be allowed until the entire 6 credits are earned. LOWRY.

Jm. 505-506.—Special Studies in Public Opinion. 3 hours. 6 credits. No credit toward a degree will be allowed until the entire 6 credits are earned. EMIG.

LATIN

Ln. 501-502.—Cicero and the Ciceronian Age. 3 hours. 6 credits. ANDERSON.

Based mainly on the Ciceronian Correspondence.

Ln. 505.—Virgil. 3 hours. 3 credits. ANDERSON.

Mainly the *Bucolics* and *Georgics*.

Ln. 506.—Poetry of the Silver Age. 3 hours. 3 credits. SIMONDS.

Selections from Manilius, Lucan, Valerius Flaccus, Statius, Silius Italicus and Claudian. Study of the Technique of these poets and their influence on modern literature.

Ln. 507.—Ovid. 3 hours. 3 credits. ANDERSON.

Mainly *Heroides* and *Fasti*.

Given summer 1930.

MATHEMATICS

Not all of the courses are given each year. The textbooks listed are subject to change without notice. Prerequisites to the courses should be determined by consultation with the instructor.

Ms. 512.—Introduction to Higher Algebra. 3 hours. 3 credits. SIMPSON.

A more advanced course in the subject, based upon the work of Bôcher, whose *Introduction to Higher Algebra* is used as a textbook.

Ms. 518.—Theory of Groups of Finite Order. 3 hours. 3 credits. SIMPSON.

An introduction to the group concept, a treatment of the pure group-theory, and numerous examples and applications. Textbook: Hilton, *Finite Groups*.

Ms. 520.—Mathematical Statistics. 3 hours. 3 credits. WILSON.

A presentation of the various mathematical theories involved in statistical analysis. Textbook: Rietz, *Mathematical Statistics*.

Ms. 534.—Projective Geometry. 3 hours. 3 credits. KUSNER, KOKOMOOR.

Pure geometry dealing primarily with properties unaltered by the processes of projection and section; principal theorems involved; theory of poles, polars, involution and kindred topics. Textbook: Holgate, *Projective Pure Geometry*.

Ms. 536.—Foundations of Geometry. 3 hours. 3 credits. KOKOMOOR.

An investigation of the assumptions of geometry; the parallel postulate—steps leading to non-Euclidean geometries; consequent development of modern branches of the subject. Textbook: Carlsaw, *The Elements of Non-Euclidean Plane Geometry and Trigonometry*.

Ms. 540.—Fourier Series and Harmonic Analysis. 3 hours. 3 credits. SIMPSON.

The use of series of terms involving sines and cosines in the solution of physical problems such as those relating to the flow of heat, conduction of electricity, and vibrating strings. Textbook: Carlsaw, *Introduction to the Theory of Fourier's Series and Integrals*.

Ms. 542.—Heaviside Operational Calculus. 3 hours. 3 credits. DOSTAL.

Introduced by an elementary exposition of the solution of differential equations by classical operational methods, followed by treatment of the Heaviside Operational Theory, with applications mainly to electrical circuit theory. Textbook: Berg, *Heaviside's Operational Calculus*.

Ms. 550.—Theory of Infinite Processes. 3 hours. 3 credits. PHIPPS.

The study of infinite classes and processes fundamental in various branches of analysis. Some topics considered are Infinite Aggregates, Sequences, Series, Products, Determinants and Integrals. Textbook: Smail, *Elements of the Theory of Infinite Processes*.

Ms. 555.—Functions of a Complex Variable. 3 hours. 3 credits. SIMPSON.

Fundamental operations with complex numbers; differentiation and integration theorems; mapping transformation-series. Textbook: Townsend, *Functions of a Complex Variable*.

Ms. 557.—Differential Geometry. 3 hours. 3 credits. WILSON.

The work follows somewhat closely the earlier chapters of Eisenhart's *Differential Geometry*, which is used as a textbook.

Ms. 559-560.—Functions of Real Variables. Numbered 500-501 in 1929-30. 3 hours. 6 credits. SIMPSON.

The real number system; theory of point sets; rigorous investigation of many questions arising in the calculus; Lebesgue integral; infinite series. Textbook: Townsend, *Functions of Real Variables*.

Ms. 568.—History of Elementary Mathematics. 3 hours. 3 credits. KOKOMOOR.

A survey of the development of mathematics through the calculus, with special emphasis upon the changes of the processes of operations and methods of teaching. No specific text is followed, but numerous works are used as references.

Ms. 575.—Fundamental Concepts of Modern Mathematics. 3 hours. 3 credits. SIMPSON.

An introduction to such topics as the Number System of Algebra, Sets of Points, Group Theory, Theories of Integration, Postulational Systems, and Non-Euclidean Geometry. No textbook is used, but many references are assigned.

PHARMACOGNOSY AND PHARMACOLOGY

PHARMACOGNOSY

Pgy. 521-522.—Special Problems in Pharmacognosy. 2 to 3 hours and 4 to 14 hours laboratory. 4 to 10 credits. CHRISTENSEN.

Identification, classification, and qualitative determination of constituents and properties of drug plants; special experiments in the propagation, cultivation, harvesting and curing of native and exotic plants; field work in the collecting of drug plants native to Florida.

Pgy. 525-526.—Drug Plant Analysis. 2 to 3 hours and 8 to 14 hours laboratory and field work. 6 to 10 credits. CHRISTENSEN.

Special problems in drug culture and in the isolation and identification of plant constituents. The effect of climatic and soil features on plant constituents. Pharmacognostical characteristics of new plants.

Laboratory fee: To be arranged.

Pgy. 533-534.—Seminar in Pharmacognosy. 2 to 8 credits. CHRISTENSEN.

Sources of information on crude drugs and a study of current plant literature. Special written and oral reports.

PHARMACOLOGY

Ply. 551-552.—Special Problems in Pharmacology. 2 to 3 hours and 4 to 14 hours laboratory. 4 to 10 credits. CHRISTENSEN.

A comparison of methods of biological assaying. Special lectures, collateral reading, laboratory experiments, oral and written reports.

Ply. 555-556.—Pharmacological Testing. 1 to 3 hours and 2 to 10 hours laboratory. 2 to 8 credits. CHRISTENSEN.

Determination of the therapeutic properties of drugs by means of animal experimentation, using special types of recording apparatus.

Pgy. or Ply. 591-592.—Pharmacognosy Thesis or Pharmacology Thesis.

CHRISTENSEN.

Problems for graduate thesis in Pharmacognosy or Pharmacology to be arranged upon consultation.

PHARMACY

Phy. 502.—Selected Topics in Pharmacy. 2 hours. 2 credits. HUSA.

A general study of the newer types of pharmaceuticals, such as vitamin preparations, newer solvents, etc., with assigned readings on selected problems of current interest.

Phy. 503.—Advanced Pharmacy. 2 hours. 2 credits. HUSA.

Lectures and assigned readings on important pharmaceutical preparations, particularly those involving chemical changes.

Phy. 504.—Advanced Galenical Pharmacy. 2 hours. 2 credits. HUSA.

A detailed study of the fundamental research work on which formulas for various galenicals are based.

Phy. 541.—Manufacturing Pharmacy. 2 hours. 2 credits. HUSA.

A general study of the apparatus and processes used in the manufacture of pharmaceuticals on a factory scale. A detailed study of selected technical problems of current interest to those engaged in pharmaceutical manufacturing.

Phy. 553.—Advanced Synthetic Pharmaceuticals. 1 hour and 2 hours laboratory. 2 credits. FOOTE.

Laboratory work and a study of the literature dealing with the methods used in the synthesis of the more complex organic remedies.

Prerequisites: **Phy. 453** and a reading knowledge of German.

Phy. 554.—Advanced Pharmacy. 2 hours. 2 credits. FOOTE.

Lectures and assigned reading on the pharmacy and chemistry of vegetable drugs.

PHILOSOPHY

Ppy. 503-504.—Advanced History of Philosophy. 3 hours. 6 credits. No credit will be allowed toward a degree until credit is earned in both semesters' work. ENWALL.

The problems of philosophy in their historical development. Textbook: History of Philosophy by Windelband; supplemented by special readings from the original sources.

Prerequisites: **Ppy. 205, 301, 403 and 404.**

Ppy. 505-506.—Hume and Kant, Seminar. 2 hours. 6 credits. No credit will be allowed toward a degree until credit is earned in both semesters' work. ENWALL.

Prerequisites: **Ppy. 205, 301, 401 and 402.**

PHYSICS

Ps. 503.—Kinetic Theory of Gases. 3 hours. 3 credits.

The elements of the kinetic theory, the application of the theory to gases and liquids, the electrical and magnetic properties of the molecules from the standpoint of the theory.

Given alternate years.

Ps. 505.—Theoretical Mechanics. 3 hours. 3 credits.

Statics of systems of rigid bodies. Motions of particles and of rigid bodies under constant and variable forces. Assigned reading, problems, and reports.

Given alternate years.

Ps. 506.—Advanced Theoretical Mechanics. 3 hours. 3 credits.

A continuation of Ps. 405 or 505. Introduction to vector analysis and generalized coordinates.

Given alternate years.

Ps. 507.—Theory of Heat. 2 hours and 2 laboratory hours. 3 credits.

A general survey of this branch of physics from the theoretical as well as the experimental point of view. Assigned reading and reports.

Given alternate years.

Ps. 508.—Thermodynamics. 3 hours. 3 credits.

The theory of thermodynamics, the application to fluids, the application to electric circuits, the phase rule.

Given alternate years.

Ps. 509.—Theoretical Optics. 3 hours. 3 credits.

Study of the phenomena of refraction, interference, diffraction and polarization. Assigned reading, problems and reports.

Given alternate years.

Ps. 510.—Spectroscopy. 2 hours and 3 laboratory hours. 3 credits.

The phenomena and theories of spectroscopy, the methods of excitation and of observation of the line spectra of the elements, the analysis and interpretation of the emission and absorption spectra of elements, precision wave length determination.

Given alternate years.

Ps. 511-512.—Electricity and Magnetism. 3 hours. 6 credits.

The theory of electrostatics, the electric current and its effects, thermoelectricity, electromagnetism. The theory of alternating circuits, electromagnetic radiation, conduction of electricity in gases. Assigned reading and reports.

Given alternate years.

Ps. 513-514.—Advanced Experimental Physics. 6 or 8 laboratory hours. 6 or 8 credits. WILLIAMSON, PERRY, BLESS.

A series of experiments on a particular topic of physics, a review of classical experiments, or the development of an assigned experimental problem. The work will be assigned to meet the needs and interests of the particular student.

Laboratory fee: \$5.

Ps. 516.—Electrical Measurements. 1 hour and 4 laboratory hours. 3 credits.

The theory and practice of methods of measurement of resistance, current, electromotive force, power and energy. Planned primarily for advanced students in physics and chemistry. Laboratory work will be adjusted to meet the needs and interests of the individual student.

Laboratory fee: \$4.

Ps. 517-518.—Modern Physics. 3 hours. 6 credits.

Production, properties and effects of X-rays, radioactivity, theories of atomic structure, the physical and chemical properties of elements in the light of these theories.

Given alternate years.

Ps. 520.—X-ray Laboratory. 6 laboratory hours. 3 credits.

Refraction and diffraction of X-rays, crystal analysis, X-ray spectroscopy.

Laboratory fee: \$5.

PLANT PATHOLOGY

Pt. 501-502.—Research. 6 hours laboratory. 6 credits. DICKEY.

Course in special laboratory and field methods.

Pt. 503-504.—Problems in Plant Pathology. 6 hours laboratory. 6 credits.

DICKEY.

Problems in the various phases of plant pathology, as shall be selected on approval of the instructor in charge.

Required of graduate students registered for degree in the department.

POLITICAL SCIENCE

Pcl. 501-502.—American Constitutional Law. 3 hours. 6 credits. LEAKE.

Given 1930-1931.

Pel. 503-504.—International Law. 3 hours. 6 credits. TRIBOLET.
Given 1931-1932.

Pel. 505-506.—Political Theories. 3 hours. 6 credits. TRIBOLET.
Given 1930-1931.

Pel. 507-508.—Political Science Seminar. 6 credits. TRIBOLET.
Given 1930-1931.

POULTRY HUSBANDRY

Py. 501.—Research. 2 hours. 2 credits. SANBORN.
Special problems in poultry husbandry.

Py. 502.—Research. 2 hours. 2 credits. SANBORN.
Special problems in poultry husbandry.

PSYCHOLOGY

Psy. 501-502.—Readings in Experimental Psychology. 3 hours. 6 credits. HINCKLEY.

Lectures and assigned readings in some of the more important fields of psychological research.

Prerequisites: **Psy. 201, 301.**

Psy. 503.—Studies in Personality. 3 hours. 3 credits. HINCKLEY.

Lectures and readings in experimental studies of personality. Special attention will be given to the clinical work of the personnel bureau.

Prerequisites: **Psy. 201, 405, 406. Ppy. 303, 304.**

Psy. 504.—Psycho-physical Theory in the Construction of Tests. 3 hours. 3 credits. HINCKLEY.

The application of psycho-physical theory in the measurement of psychological and social values. Critical discussion of Weber's Law, Fechner's Law, and the Law of Comparative Judgment. Special attention is given to the problems of psychological scale construction and attitude measurement.

Prerequisites: **Psy. 201, 405, 406.**

Psy. 507.—History and Systems of Psychology. 3 hours. 3 credits. WILLIAMS.

A critical survey of the historical development of psychology, with special emphasis on representative writers and the more recent systems and programs.

Prerequisite: **Psy. 201.**

Psy. 508.—Advanced Comparative Psychology. 3 hours. 3 credits. WILLIAMS.

A study of the intelligent and learning capacity of animals, with an attempt to formulate and explain the psychological concepts of reflex, conditioned reflex, instinct, learning, memory, intelligence, thinking, and motivation as problems primarily in nerve physiology.

Prerequisite: **Psy. 201.**

SANSKRIT

St. 501-592.—Elementary Sanskrit. 3 hours. 6 credits. SIMONDS.

Open only to graduate students. Acceptable as a minor for those majoring in Latin or Greek.

SOCIOLOGY

Sy. 541-542.—Development of Social Thought. 2 hour seminar. 6 credits. BRISTOL.

An introduction to social philosophy by a critical and constructive study of representative writers in the field of social theory.

Alternate years. Not offered in 1930-1931.

Sy. 551-552.—Social Progress. 2 hour seminar. 6 credits. BRISTOL.

Theories of social progress. Evaluation of proposed goals and of programs looking to the attainment of these goals.

Alternate years. Given in 1930-1931.

Sy. 561.—Scientific Philanthropy. 3 hours. 3 credits. BRISTOL.

A critical, constructive study of modern methods of dealing with the socially inadequate. Visit to the agencies in Jacksonville dealing with the handicapped.

Prerequisite: Elementary courses in sociology and economics. To be taken in part in connection with Sy. 323.

Sy. 562.—Criminology. 3 hours. 3 credits. BRISTOL.

A survey of the fields of criminology and penology with a study of the Florida Institutions dealing with delinquents.

Prerequisite: Sy. 323 or consent of instructor. To be taken in part in connection with Sy. 324.

Sy. 571-572.—Social Research and Investigation. 2 hour seminar. 6 credits. BRISTOL.

Social Surveys, scoring, investigating of special conditions connected with housing, sanitation, etc. Practical use of data in the interest of improvement of conditions involved.

Prerequisite: Consent of instructor.

SPANISH

Sh. 501-502.—Old Spanish. 12 credits. CROW.

Spanish Historical Grammar. Readings from XII, XIII and XIV centuries.

Sh. 505-506.—Special Studies in Spanish Literature. 12 credits. CROW.

Cervantes, Lope de Vega, Calderon de la Barea.

FELLOWS AND GRADUATE ASSISTANTS, 1929-30

- Arnett, Wm. T., B.S. in Architecture, Graduate Fellow in Architecture.
 Ayres, Fred D., B.S., Fellow in Chemistry.
 Bess, Henry A., B.S., Graduate Assistant in Entomology and Plant Pathology.
 Blackburn, Walter E., A.B., Fellow in Chemical Engineering.
 Bolton, C. J., A.B., Graduate Assistant in Agricultural Economics.
 Butler, M. D., B.S., Graduate Assistant in Physics.
 Davis, Walter Ray, B.S., Graduate Assistant in Physics.
 Dean, Arnold W., B.S., Fellow in Chemistry.
 Deonier, M. T., B.S., Graduate Assistant in Horticulture.
 Hawkins, G. A., B.S. in Education, Fellow in Chemistry.
 Johns, David Samuel, B.S. in Chemical Engineering, Graduate Assistant in Physics.
 Johnson, Ralph Webster, A.B., Graduate Assistant in Economics.
 McInnis, Sam W., A.B. in Education, Graduate Assistant in Mathematics.
 Rider, A. Leech, A.B. in Education, Graduate Assistant in Philosophy and Psychology.
 Rosser, Barkley, B.S., Graduate Assistant in Physics.
 Savage, Zach, B.S., Graduate Assistant in Agricultural Engineering.
 Steen, Vernon C., B.S. in Mechanic Engineering, Graduate Assistant in Mathematics.
 Thronson, Silas M., A.B., Fellow in Chemistry.
 Tucker, Woodson C., B.S., Fellow in Chemistry.
 Walker, Shade W., Jr., A.B., Graduate Assistant in English.
 West, Lloyd E., A.B., Fellow in Agricultural Chemistry.
 Waugh, Joseph Edward, B.S. in Civil Engineering, Graduate Assistant in Civil Engineering.
 Winter, Harry C., A.B., Fellow in Chemistry.
 Wooten, R. B., B.S. in Agriculture, Graduate Assistant in Agronomy.
 Young, Martin Greene, B.S. in Agriculture, Graduate Assistant in Agricultural Economics.

RECIPIENTS OF DEGREES, GRADUATE SCHOOL

MAY 28, 1929

MASTERS OF ARTS

- Charles Eugene Mounts, A.B.E. University of Florida, 1926.
 English Gainesville
 Thesis: Whitman and Sandburg: A Literary Kinship.
 Donald Powell Wilson, A.B. Asbury College, 1920,
 Psychology Hettinger, N. D.
 Thesis: An Experiment In The Measuring Of Attitudes.

MASTERS OF ARTS IN EDUCATION

- G. Ballard Simmons, A.B. in Education, University of Florida, 1922.
 Education Ponce De Leon
 Thesis: Classroom Supervision In the Elementary Division
 Of The Accredited Public Schools of Florida.
 Bert G. True, B.S. in Education, Southwest Missouri State Teachers College, 1928.
 Education Buffalo, Mo.
 Thesis: Interschool Debate

MASTERS OF SCIENCE

- Edward Thorpe Boardman, B.S. University of Florida, 1928,
 Biology Gainesville
 Thesis: Ticks Of The Gainesville Area.
- John Thomas Creighton, B.S. in Agriculture, University of Florida, 1926,
 Entomology Augusta, Ga.
 Thesis: The Biology And Life History Of The Palm-Leaf Skeletonizer
 (Palm-Leaf Miner) Homaledra Sabalella (Chambers) An Insect
 Pest Of The Palms.
- Earl Leslie Lord, A.B. Cornell University, 1909,
 Botany Gainesville
 Thesis: A Taxonomic Revision Of The Genus Citrus With Special Reference
 To The Cultivated Species.
- Zareh M. Pirenian, B.S. in Chemical Engineering, University of Florida, 1926,
 Chemistry Auburn, Ala.
 Thesis: Study Of Methods Of Separation Of Metals Of The Platinum Group.

MASTERS OF SCIENCE IN AGRICULTURE

- John Francis Cooper, Jr., B.S. in Agriculture, Alabama Polytechnic Institute, 1921,
 Agricultural Economics Echola, Ala.
 Thesis: A Study Of The Cost Of Growing Beans In Florida, 1927-28.
- George Ransom Graham, B.S.A.E. University of Florida, 1923,
 Agricultural Economics Ft. White
 Thesis: The Cost Of Living On One Hundred Farms Columbia County,
 Florida, Year, 1927-28.
- Harold N. Haskell, B.S. in Agriculture, University of Florida, 1927,
 Agricultural Economics Gainesville
 Thesis: An Economic Study Of Some Farms In Alachua County.
- George Alfred Merrin, B.S. in Agriculture, University of Florida, 1927,
 Horticulture Plant City
 Thesis: The Effect Of Oil Sprays On The Transportation Of Citrus.
- George Newton Motts, B.S. in Agriculture, Ohio State University, 1927,
 Horticulture Lakewood, Ohio
 Thesis: Some Observations Of The Growth And Fruiting Habits
 Of The Tung Oil Tree.
- Robert Louis Zentgraf, B.S. Cornell University, 1927,
 Agricultural Economics Gainesville
 Thesis: An Economic Study Of Farming In The Plant City Area,
 Hillsborough County, Florida.

MASTER OF SCIENCE IN BUSINESS ADMINISTRATION

- Richard M. Hutchings, B.S. in Business Administration, University of Florida, 1928,
 Business Administration Riverview
 Thesis: Trends In The Marketing Of Florida Citrus Fruits.

MASTER OF SCIENCE IN ENGINEERING

- George Hoffman Smith, B.S. in Mechanical Engineering, University of Florida, 1928,
 Mechanical Engineering Gainesville
 Thesis: Stresses And Strains In Cranked Shafts.

MASTER OF SCIENCE IN PHARMACY

- Walter Wm. F. Enz, B.S. in Pharmacy, Purdue University, 1927,
 Pharmacy Fort Wayne, Ind.
 Thesis: A Study Of The Stability Of Solution Of Arsenous And
 Mercuric Iodine. U.S.P.X.
- Harold W. Werner, B.S. University of Wisconsin, 1927,
 Pharmacognosy New London, Wis.
 Thesis: A Phyto-Chemical Study Of Pycnanthemum
 Miticans (michx.) Pers.
 Koellia Mutica (Michx.) Britton.

RECIPIENTS OF DEGREES, GRADUATE SCHOOL

JULY 31, 1929

MASTERS OF ARTS

- Hubert Arthur Haseltine, A.B.E. University of Florida, 1922,
 History Gainesville
 Thesis: Our Haitian Policy, A Practical American Antidote For
 Black Misgovernment.
- George Leighton LaFuze, A.B. University of Florida, 1928.
 History Clermont
 Thesis: United States Diplomatic Relations With China, 1911-1922.
- Henry Peel, B.S. in Business Administration, University of Florida, 1928,
 Economics Mt. Rainier, Md.
 Thesis: Credit Policy Of The Federal Reserve Administration. 1927-28.
- Harold Rinalden Saunders, A.B. Miami University, 1922,
 English Pine Castle, Ohio
 Thesis: English Books Written by Floridians, Residents And Visitors.

MASTERS OF ARTS IN EDUCATION

- Orville R. Davis, B.S. in Agriculture, University of Florida, 1924,
 Education Miami
 Thesis: Improvement Of English In The Leesburg Junior-Senior High School.
- Malcolm Gilbert Donaldson, A.B. in Education, University of Florida, 1921,
 Education Shady Grove
 Thesis: A Study Of The Duties Of The Principal Of Florida Schools
 Of The Eight-Four Type Employing Ten To Twenty Teachers.
- Frank Marshall Foulks, A.B. Cumberland University, 1893,
 Education Tampa
 Thesis: A Study Of The Conditions Of Reading In The A. L. Cuesta
 Public Schools Of Tampa, Florida.
- Bourland Benjamin Fowler, B.S. in Education, University of Florida, 1929,
 Education Waverly, Ky.
 Thesis: Time Allotments In Some Typical Elementary Schools Of Florida.
- John Franklin Williams, Jr., B.S. in Agricultural Education, University of Florida,
 1922,
 Education Tallahassee
 Thesis: The Development Of Vocational Education in Florida Since 1918.

Thurston P. Winter, A.B. University of Florida, 1922; B.S.A. University of Florida, 1923,
 Education Oakland
 Thesis: A Teaching Program For Farmer Training In The Moore Haven Section.

MASTER OF SCIENCE

Maynard Lea Bowen, B.S. University of New Mexico, 1928,
 Chemistry Albuquerque, New Mexico
 Thesis: Action Of Hydrazines On Beta-Bromo-Gamma-Ketonic Esters.
 Kenneth W. Loucks, B.S. University of Rochester, 1919,
 Bacteriology Gainesville
 Thesis: Activities of *Phytomonas Citri* In Potato Broth At Various
 Temperatures.
 Ernest Rudolph Purvis, B.S. Clemson College, 1928,
 Chemistry Florence, S. C.
 Thesis: A Chemical Study Of Colloidal Phosphate.
 Walter John Sciutti, B.S. in Chemical Engineering, University of Florida, 1928,
 Chemistry Jacksonville
 Thesis: Chemical Analysis And Physical Tests Of Some Florida Clays.

MASTERS OF SCIENCE IN AGRICULTURE

Linton A. Richardson, B.S. in Agriculture. University of Florida, 1927,
 Agronomy O'Brien
 Thesis: A Study Of Certain Properties Of The Hardpan Soils In Florida.
 Robert Fulton Sikes, B.S. in Agriculture, University of Georgia, 1927,
 Agronomy Sylvester, Ga.
 Thesis: Studies Dealing With The Nitrogen Fertilization Of Potatoes.
 H. Toliver Woodruff, B.S. in Agriculture, Mississippi A. & M. College, 1927,
 Agricultural Engineering Louisville, Miss.
 Thesis: An Economic Study Of Depreciation Of Farm Machinery On One Hundred Thirteen Farms Of Hillsborough County, Florida.

REGISTER OF STUDENTS, GRADUATE SCHOOL

SUMMER, 1929

Abbott, Beulah W. (Mrs.), Ph.B. University of Chicago, 1906, French	St. Petersburg
Armstrong, Noble Boyd, A.B. in Education, University of Florida, 1922, Education	Daytona Beach
Barnes, Charles O., B.S. in Business Administration, University of Florida, 1926, Education	Plant City
Barrineau, Thomas Lorren, B.S. in Agriculture, University of Florida, 1927, Education	Gonzalez
Beacom, Wesley Linn, A.B. Iowa State Teachers College, 1923, History	Callahan
Beck, Dow Gary, B.S. in Electrical Engineering, University of Tennessee, 1915, Mathematics	Ocala
Bedsole, Malcolm Roy, B.S. in Agriculture, University of Florida, 1929, Agronomy	Graceville
Bevis, Myrtle, B.S. Florida State College for Women, 1924, Education	Bascom
B'iss, Myrtle R. (Mrs.), B.S. Wisconsin University, 1889, Economics	Melbourne
Bowen, Maynard Lea, B.S. University of New Mexico, 1928, Chemistry	Gainesville
Branning, Annabelle A. (Mrs.), A.B. in Education, University of Florida, 1927, Education	St. Petersburg
Bridges, Ernest, A.B. Furman, 1917, History	Greenville, S. C.
Brodmerkel, Alex. H., B.S. in Education, University of Florida, 1928, English	Jacksonville
Carmichael, Elnora B. (Mrs.), B.S. Simmons College, 1920, Chemistry	Tampa
Carnes, Carl C., A.B. in Education, University of Florida, 1926, Education	Florahome
Carter, Edgar White, A.B. in Education, University of Florida, 1926, Education	Callahan
Carter, W. L., A.B. in Education, University of Florida, 1925, Education	Key West
Connor, Jerome A., A.B. University of Florida, 1929, Sociology	Pensacola
Corr, Alys May, A.B. in Education, University of Florida, 1929, Education	Gainesville
Cox, Guy, B.S. Clemson, 1919, Education	Penney Farms
Crowell, John M., A.B. in Education, University of Florida, 1927, Education	Wauchula
Crozier, Cornelia Newell, B.S. University of Arkansas, 1923, Education	Okeechobee
Crozier, Rachel F., B.S.E. University of Arkansas, 1923, English	Okeechobee
Davis, Orville Rhoads, B.S. in Agriculture, University of Florida, 1924, Education	Miami
Davis, Pearl Rogers (Mrs.), A.B. Cox College, 1898, Education	Cocoanut Grove
Davis, Uri Pearl, A.B. Milton College, 1907, Mathematics	Mayo
Dew, Lynn Bernice, A.B. in Education, University of Florida, 1925, Education	Alachua
Donahue, Hazel, A.B. Georgia State Woman's College, 1929, Education	Valdosta

Donaldson, Malcolm Gilbert, A.B. in Education, University of Florida, 1921, Education	Shady Grove
Dowling, Mary Edna, A.B. Wesleyan College, 1928, Education	Miami
Duncan, William G., A.B. Wofford College, 1910, Education	Tampa
Ebinger, Rollin Jesse, B.S. in Education, University of Florida, 1923, Education	Eustis
Eff, Samuel, B.S. in Education, University of Florida, 1929, Education	St. Augustine
Fernald, Leon F., B.S. University of Florida, 1928, Chemistry	Tarpon Springs
Floyd, Clara Backus, A. B. Brenau College, 1929, History	Hawthorne
Foulks, Frank Marshall, A.B. Cumberland College, 1893, Education	Tampa
Fowler, Bourland B., B.S. in Education, 1929, Education	Miami
Garris, John Melvin, B.S. Clemson College, 1916, Education	Homestead
Geiger, Lorenzo Dow, Ph.B. Stetson University, 1920, English	Trenton
Goette, W. L., A.B. Baldwin-Wallace College, 1916, Education	Lake City
Golden, Maree, B.S. Florida State College for Women, 1920, Education	Perry
Goulding, Robert Lee, A.B. in Education, University of Florida, 1914; M.A. in Education, University of Florida, 1919, Education	New Smyrna
Green, Arthur S., A.B. in Education, University of Florida, 1928, History	Perry
Gresham, Robert R., A.B. Mississippi College, 1913, Education	Ft. Myers
Grimm, Phillis Jarrell (Mrs.), A.B. Florida State College for Women, 1915, French	Gainesville
Hait, Kenneth B., A.B. in Education, University of Florida, 1924, Education	Brooksville
Hancy, Stephen Foster, A.B. in Education, University of Florida, 1929, Education	Clearwater
Harris, Carl Henley, A.B. in Education, University of Florida, 1928, Education	Jacksonville
Harris, Sarah Satterwhite (Mrs.), A.B. in Education, University of Florida, 1928, Education	Jacksonville
Haseltine, Hubert A., A.B. in Education, 1922, History	Gainesville
Hanselman, B. L., B.S. in Education, Ohio Northern, 1922, Education	Auburndale
Haynes, Jessie M., Ph.B., 1910 and M.A., 1913, Hamline University, Education	New Smyrna
Hill, Naoma Frances, B.S. in Education, Florida State College for Women, 1922, Agronomy	Dade City
Hindman, Baker M., A.B. Indiana University, 1923, Education	Miami
Holton, Thomas A., A.B. Duke University, 1906, Education	Perrine
Houser, Hugh C., A.B. Bucknell University, 1915, History	Mifflintown, Pa.
Howard, Raymond H., B.S. in Agriculture, University of Florida, 1928, Agricultural Economics	Gainesville

Hudnall, John M., A.B. in Education, University of Florida, 1926, Education	Gainesville
Hurst, Helen F., A.B. Bessie Tift College, English	Winter Haven
Jarrel, Hampton M., A.B. University of Georgia; A.M. Harvard, 1927, English	Gainesville
Johns, Mary Ruby, A.B. Southern College, 1928, Education	Tampa
Jones, Emily Capers, A.B. Agnes Scott, 1926, Mathematics	Lake Helen
Keck, Evelyn Jessie, A.B. Florida State College for Women, 1926, Latin	Orlando
Kelly, James Homer, B.S. in Education, University of Florida, 1926, Education	Gainesville
LaFuze, George Leighton, A.B. University of Florida, 1928, History	Clermont
Lott, Audrey P. (Mrs.), A.B. Florida State College for Women, 1927, History	High Springs
Loucks, Kenneth Wilfred, B.S. University of Rochester, 1919, Bacteriology	Gainesville
McCall, Maud B., A.B. Florida State College for Women, 1924, Education	Wildwood
McDonald, Jackson H., B.S. in Industrial Education, University of Florida, 1924, Education	Titusville
McEwen, Maude, A.B. in Education, Florida State College for Women, 1926, French	Zellwood
McInnis, Sam W., A.B. in Education, University of Florida, 1923, Mathematics	O'Brien
McMullen, Harry E., A.B. University of Florida, 1927, French	Clearwater
Mann, Don T., B.S. Vanderbilt University, 1920, Mathematics	Reddick
Martin, Memory, B.S. in Education, University of Florida, 1928, Mathematics	Gainesville
Mears, George H., A.B. in Education, University of Florida, 1927, Education	Cypress
Miller, Clara Pearl, A.B. Woman's College of Alabama, 1928, Mathematics	Chattahoochee
Miller, George Albert, B.S. in Education, Mansfield State Teachers College, 1928, English	Mifflintown, Pa.
Millinor, Mary E., A.B. in Education, Florida State College for Women, 1926, English	Madison
Moon, Leland Wills, A.B. in Education, University of Florida, 1928, Education	Altha
Morgan, Aruel Lewis, A.B. in Education, University of Florida, 1928, History	Mayo
Morrow, Albert R., A.B. in Education, University of Florida, 1927, Education	Madison
Moses, J. E., B.S. in Agriculture, Alabama Polytechnic Institute, 1913, Education	Greensboro
Moulton, Ruth, A.B. Florida State College for Women, 1922, Spanish	Parrish
Myers, Bernice C. (Mrs.), A.B., History	Gainesville
Myers, Minnie May (Mrs.), A.B. Oberlin, 1898, Education	Rockledge
Olson, Clara McDonald (Mrs.), A.B. Florida State College for Women, 1914, Education	Gainesville
Otte, Burton John H., A.B. Carleton College, 1918, Chemistry	Gainesville

Parrott, Ernest M., B.S. Union University, 1927, Chemistry	Gainesville
Parrott, Rachel A. (Mrs.), A.B. Union University, 1926, English	Gainesville
Peek, Mary E. (Mrs.), A.B. University of Kansas, 1909, Education	Jacksonville
Peel, Henry, B.S. in Business Administration, 1928, Economics	Gainesville
Perkins, Carroll C., A.B. Asbury College, 1927, Education	Jacksonville
Perloff, Ben. A.B. University of Florida, 1929, Spanish	Jacksonville
Persons, Charles Wright, A.B. in Education, University of Florida, 1925, Education	Havana
Pert, E. Catherine, B.S. in Education, Florida State College for Women, 1926, Education	Miami Beach
Pickren, Pansy, A.B. Florida State College for Women, 1926, English	Palatka
Portner, Alice R., B.S. Rollins College, 1927, Mathematics	Winter Park
Prevatt, John P., B.S. in Education, University of Florida, 1926, Education	Valdosta, Ga.
Pugh, Elizabeth, B.S. Florida State College for Women, 1908, English	Gainesville
Purvis, Ernest R., B.S. Clemson College, 1928, Chemistry	Florence, S. C.
Richardson, Lenton, B.S. in Agriculture, University of Florida, 1927, Agronomy	O'Brien
Rider, A. Leech, B.S. in Education, University of Florida, 1919, Education	Tallahassee
Robinson, Thomas R., B.S. in Education, University of Florida, 1917, Education	Tampa
Robson, Lula Margaret, A.B. Southern College, 1928, Education	Tampa
Roesel, Tillie, B.S. in Home Economics, Florida State College for Women, 1927, Education	Ocala
Rollins, DeWitt F., A.B. Asbury College, 1924, Education	Winter Haven
Saunders, Harold R., A.B. Miami University, 1922, English	Pine Castle
Sciutti, Walter J., B.S. in Chemical Engineering, University of Florida, 1928, Chemistry	Jacksonville
Settle, Lucy Belle, B.S. in Education, Florida State College for Women, 1927, Education	Gainesville
Shaw, William Henry, A.B. in Education, University of Florida, 1929, Education	Raiford
Shimp, Robert Charles, B.S. in Chemical Engineering, University of Florida, 1928, Chemistry	Jacksonville
Sikes, Robert Fulton, B.S., in Agriculture, University of Georgia, 1927, Agronomy	Sylvester, Ga.
Smith, Glenn Calvin, B.S. University of Illinois, 1916, Education	Fort Lauderdale
Smith, James Emery, B.S. in Education, University of Florida, Bacteriology	Cypress
Steen, Vernon C., B.S. in Mechanical Engineering, University of Florida, 1927, Mathematics	Gainesville
Stephens, William H., B.S. Peabody College for Teachers, 1919, Education	Apopka
Stewart, Annie Belle, A.B. in Education, University of Florida, 1928, Mathematics	Tampa

Stewart, Lloyd Denison, B.S. in Agriculture, University of Florida, 1923, Education	Alva
Stone, M. L., B.S. in Education, University of Florida, 1928, Education	Blounstown
Stoney, William S., B.S. University of the South, B. D., English	Gainesville
Terry, Helen M. (Mrs.), Bachelor of Pedagogy, Valparaiso, 1913, Education	Hialeah
Terry, R. H., A.B. in Education, University of Florida, 1916, Education	Hialeah
Thaden, Zona Gale, A.B. Carleton College, 1924, English	St. Petersburg
Thompson, Laudious L., A.B. in Education, University of Florida, 1923, Education	Panama City
Thompson, Lily Ethel (Mrs.), A.B. Stetson University, 1922, English	Gainesville
Turner, E. P., A.B. in Education, University of Florida, 1927, Education	Trenton
Walker, Thomas George, A.B. Southern College, 1923, History	Everglades
Ware, Mary P. (Mrs.), A.B. Bethel Woman's College, 1893, Education	Miami Beach
Watson, Wilma Ruth, A.B. Florida State College for Women, 1925, English	Gainesville
Westbury, Smith D., A.B. in Education, South Carolina University, 1925, Education	Concord
Wetherington, Rose I. (Mrs.), A.B. Lincoln Memorial University, 1921, Education	Newberry
Wetherington, T. S., B.S. Lincoln Memorial University, 1919, Education	Newberry
Wheeler, Joseph Drew, A.B. in Education, University of Florida, 1924, History	Ft. White
White, Ruth, A.B. Wesleyan College, 1916, English	Gainesville
Whitton, H. A., A.B. in Education, University of Florida, 1928, Education	Ponce de Leon
Williams, Angelo D., A.B. in Education, University of Florida, 1928, Education	Gainesville
Williams, John F., Jr., B.S. in Agriculture, University of Florida, 1922, Education	Tallahassee
Williams, Charles M., B.S. Valparaiso, 1914, Education	Trenton
Williams, Kenneth Rast, A.B. in Education, University of Florida, 1929, Education	Monticello
Winter, T. P., A.B., 1922; B.S. in Agricultural Education, 1923, University of Florida, Education	Oakland
Woodruff, Hiram T., B.S. in Agriculture, Mississippi A. & M. College, 1927, Agricultural Engineering	Louisville, Miss.
Zetrouer, Horace F., A.B. in Education, University of Florida, 1917, Education	Rochelle

REGISTER OF STUDENTS, GRADUATE SCHOOL

REGULAR SESSION, 1929-30

Armstrong, Noble Boyd, A.B. in Education, University of Florida, 1922, Education	Daytona Beach
Ames, Burton W., B.S. in Agriculture, University of Florida, 1923, Education	Gainesville
Arnett, William Tobias, B.S. in Architecture, University of Florida, 1929, Architecture	Clermont
Arnold, Lillian E., B.S. Stetson, 1918, Botany	Gainesville
Ayres, Fred Donald, B.S. University of Florida, 1929, Chemistry	Gainesville
Barnd, Merle Oliver, B.S. in Business Administration, 1928, Business Administration	St. Petersburg
Bedsole, Malcolm Roy, B.S. in Agriculture, University of Florida, 1929, Agronomy	Graceville
Bell, Charles Edward, B.S. North Carolina State College, 1911, Chemistry	Gainesville
Bess, Henry Alner, B.S. Alabama Polytechnic, 1927, Entomology	Midland City, Ala.
Blaekburn, Walter Evans, A.B. Georgetown College, 1927, Chemistry	Paducah, Ky.
Bolton, Charles James, A.B. Georgetown College, 1929, Agricultural Economics	West Point, Ky.
Brown, J. Colvin, B.S. in Agricultural Education, University of Florida, 1923, Education	Barbersville
Butler, Mark Dupuy, B.S. University of Florida, 1930 (Feb.), Physics	Miami
Cain, Thomas Leonard, Jr., Advanced Senior, Teachers College, Entomology	Cocoa
Camp, John Perlin, B.S. in Agriculture, 1926; M.S. in Agriculture, 1927, University of Fla., Agronomy	Gainesville
Clayton, Archibald Lewis, Jr., B.S. in Civil Engineering, University of Florida, 1928, Engineering	Jacksonville
Coleman, John Melton, B.S. Mississippi A. & M., 1915, Chemistry	Gainesville
Cox, Guy, B.S. Clemson College, 1919, Education	Lake City
Crookshank, John A., B.S. in Education, North East Mo. State Teachers College, 1914, Education	Hastings
Dansby, George William, B.S. in Agricultural Education, University of Florida, 1920, Education	Alachua
Davidson, Watson Perry, A.B. in Education, University of Florida, 1929, Education	Waldo
Davis, Uri Pearl, A.B. Milton College, 1907, Mathematics	Gainesville
Davis, Walter Ray, B.S. Guilford College, 1929, Physics	Yadkinville, N. C.
Dawson, Charles Ralph, B.S. in Agriculture, University of Florida, 1928, Animal Husbandry	Gainesville
Dean, Arnold Walker, B.S. University of Florida, 1929, Chemistry	Whitney
DeGaetani, Francis M., A.B. in Education, University of Florida, 1929, French	Tampa
Decnier, Marshall Tracy, B.S. in Agriculture, Oklahoma A. & M. College, 1928, Horticulture	Gainesville
Duncombe, Aubrey E., B.S. in Agriculture, University of Florida, 1929, Horticulture	Lynn Haven

Durrance, Oscar Leon, B.S. in Education, University of Florida, 1928, Economics	Gainesville
Fulghum, Ralph Morris, B.S. in Agriculture, University of Georgia, 1929, Agricultural Economics	Mitchell, Ga.
Geiger, Albert James, B.S. in Agriculture, University of Florida, 1923, Education	Homestead
Golden, Lafayette, A.B. Mercer University, 1912, Education	Gainesville
Gordon, Ulysses S., A.B. Southwestern (Memphis); B.D. Theological Seminary (Louisville), English	Gainesville
Hall, Harvey Aldrich, B.S. in Civil Engineering, 1916, Engineering	Gainesville
Hauptmann, Oliver Howard, B.S. University of Florida, 1925; M.A. University of Wisconsin, 1928, French	St. Petersburg
Hawkins, George A., B.S. in Education, University of Florida, 1929, Chemistry	Bay Harbor
Hawkins, William, Jr., A.B. University of Florida, 1927, English	Gainesville
Hester, Jackson B., B.S. Clemson, 1919, Chemistry	Easley, S. C.
Hlatt, Garland, A.B. University of Florida, 1926, Economics	Gainesville
Higgins, Thomas Jefferson, A.B., 1921; A.M., 1926, George Washington University, French	Gainesville
Hill, Sue, B.S. George Peabody College for Teachers, 1924, English	Gainesville
Hiner, Lovell David, B.S. South Dakota State College, 1929, Pharmacognosy	Wagner, S. D.
Hoag, Howard Luther, A.B. Kalamazoo College, 1927, Economics	Kalamazoo, Mich.
Howard, Raymond Holt, B.S. in Agriculture, University of Florida, 1928, Agricultural Economics	Gainesville
Johns, David Samuel, B.S. in Chemical Engineering, Stetson, 1929, Physics	DeLand
Johnson, Ralph Webster, A.B. Vanderbilt, 1929, Economics	St. Petersburg
Johnstone-Wallace, Denis B., A.B. University of Durham, England, Agronomy	Gainesville
Jones, Hastings Wyman, B.S. Clemson College, 1929, Chemistry	Aiken, S. C.
Knight, Fred Key, B.S. in Agriculture, University of Florida, 1925, Education	Crescent City
Kusner, Juanita (Mrs.), B.S. Cornell, 1923; M.A. Columbia, 1927, Sociology	Gainesville
Love, S. Kenneth, B.S. University of Florida, 1927, Chemistry	St. Petersburg
McInnis, Sam W., A.B. in Education, University of Florida, 1923, Mathematics	O'Brien
McIntire, James Edgar, B.S. in Agriculture, University of Florida, 1928, Animal Husbandry	Trenton
McLeod, Norman Wightman, Jr., B.S. University of Florida, 1929, Bacteriology	Aucilla
McQuitty, John V., A.B. University of Florida, 1929, Mathematics	Gainesville
Mann, Don T., B.S. Vanderbilt, 1920, Mathematics	Reddick
Mathews, Edward Lee, B.S. in Agriculture, University of Florida, 1923, Education	Winter Haven

Morris, Alton Chester, A.B. in Education, 1927; M.A., 1928, University of Florida, German	West Palm Beach
Morris, Nelle Julian, B.S. Florida State College for Women, 1919, Chemistry	Gainesville
Mounts, Charles Eugene, A.B. in Education, 1926; M.A., 1929, University of Florida, German	Gainesville
Murphree, Claude Leonidas, A.B. University of Florida, 1928, French	Gainesville
Otte, Burton J. H., A.B. Carleton College, 1918, Chemistry	Gainesville
Prevatt, John Pearl, B.S. in Education, University of Florida, 1926, Education	Gainesville
Price, Joseph E., Advanced Senior, Teachers College, English	St. Petersburg
Reiber, Felix A., Advanced Senior, College of Agriculture, Mathematics	Jacksonville
Rider, Amsi Leech, B.S. in Education, University of Florida, 1919, Education	Tallahassee
Roberts, George Carl, B.S. in Agricultural Education, University of Florida, 1920, Agricultural Economics	Weirsdale
Rogers, Frazier, B.S. in Agriculture, Mississippi A. & M., 1915, Agricultural Economics	Gainesville
Rollins, DeWitt F., A.B. Asbury College, 1924, Education	Summerfield
Rosser, Barkley, B.S. University of Florida, 1929, Physics	Jacksonville
Savage, Zach, B.S. Alabama Polytechnic Institute, 1923, Agricultural Engineering	Gainesville
Scaglione, Peter C., B.S. in Business Administration, University of Florida, 1929, Business Administration	Tampa
Schiller, Carl Parker, Advanced Senior, Teachers College, Education	Brooksville
Settle, Lucy Belle, B.S. in Education, Florida State College for Women, 1927, Education	Gainesville
Shattuck, Paul Stanly, B.S. in Pharmacy, Ohio State University, 1929, Pharmacy	Ironton, O.
Sikes, Robert Fulton, B.S. in Agriculture, University of Georgia, 1927; M.S. in Agriculture, University of Florida, 1929, Agronomy	Sylvester, Ga.
Stearns, George Leslie, B.S. in Agriculture, University of Florida, 1929, Animal Husbandry	Jacksonville
Steen, Vernon C., B.S. in Mechanical Engineering, University of Florida, 1927, Mathematics	Gainesville
Stephen, Edgar Greene, A.B. Wake Forest College, 1921, Education	Hastings
Thronson, Silas Melvin, A.B. St. Olaf College, 1927, Chemistry	Houston, Minn.
Tolbert, B. S., A.B. in Education, University of Florida, 1927, Education	Gainesville
Treadwell, Thomas A., B.S. Alabama Polytechnic Institute, 1923, Education	Aucilla
Tucker, Woodson C., Jr., B.S. University of Florida, 1929, Chemistry	Miami
Wann, John Levi, B.S. in Agriculture, Purdue University, 1921, Agricultural Economics	Gainesville
Ward, Fred Curtis, B.S. in Business Administration, University of Florida, 1928, Business Administration	Gainesville
Waugh, Joseph Edward, B.S. in Civil Engineering, University of Florida, 1929, Civil Engineering	Gainesville

Watkins, John Vertrees, B.S. University of Pittsburg, 1925, Horticulture	Lakeland
Weil, Joseph, B.S.E.E., Hopkins; M.S., Pittsburg, Physics	Gainesville
West, Lloyd Ellis, A.B. Doane College, 1929, Chemistry	Wisner, Neb.
Williams, C. M., B.S. Valparaiso, 1914, Education	Trenton
Wilmot, Royal James, B.S. in Agriculture, University of Tennessee, 1922, Horticulture	Gainesville
Winter, Harry Chance, A.B. University of Alabama, 1929, Chemistry	Water Valley
Wood, Harry Evins, B.S. in Agriculture, University of Florida, 1917, Education	Tallahassee
Wooten, Robert Buchanan, B.S. in Agriculture, North Carolina State, 1929, Agronomy	Turnout, S. C.
Yeats, Robert Sheppard, B.S. in Architecture, University of Florida, 1929, Architecture	Tampa
Young, Martin Greene, B.S. in Agriculture, University of Florida, 1926, Agricultural Economics	Vero Beach

SUMMARY

Number of Master's degrees granted in regular session 1928-29.....	18
Number of Master's degrees granted in summer session 1929.....	17
	——
Total for the year	35
Number of students registered in the Graduate School summer session 1929....	142
Number of students registered in the Graduate School regular session 1929-30..	96
	——
Gross total	238

The University Record

of the

University of Florida

Bulletin of the
College of Pharmacy
With Announcements for the Year
1930-31



Vol. XXV, Series 1

No. 8

June 15, 1930

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The University Record of the University of Florida is issued once every month except June, when it is issued six times.

The Record comprises:

The Reports of the President and the Board of Control, the Bulletin of General Information, the annual announcements of the individual colleges of the University, announcements of special courses of instruction, and reports of the University Officers.

These bulletins will be sent gratuitously to all persons who apply for them. The applicant should specifically state which bulletin or what information is desired. Address

THE REGISTRAR,
University of Florida,
Gainesville, Florida.

Research Publications.—Research publications will contain results of research work. Papers are published as separate monographs numbered in several series.

There is no free mailing list of these publications. Exchanges with institutions are arranged by the University Library. Correspondence concerning such exchanges should be addressed to the University Librarian, University of Florida, Gainesville, Florida. The issue and sale of all these publications is under the control of the Committee on Publications. Requests for individual copies, or for any other copies not included in institutional exchanges, should be addressed to the University Bookstore, University of Florida, Gainesville, Florida.

The Committee on University Publications,
University of Florida,
Gainesville, Florida.

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THE COLLEGE OF PHARMACY FACULTY

ADMINISTRATION

JOHN JAMES TIGERT, M.A. (Oxon.), Ed.D., D.C.L., LL.D., President.
TOWNES RANDOLPH LEIGH, M.A., Ph.D. (Chicago), Dean.
HELEN F. LANGSLOW, B.A., Secretary to the Dean.
MYRA A. McMILLAN, Secretary-Librarian.

CHEMISTRY

TOWNES RANDOLPH LEIGH, M.A., Ph.D. (Chicago), Head Professor of Chemistry.
ALVIN PERCY BLACK, B.A., Professor of Agricultural Chemistry.
WALTER HERMAN BEISLER, M.S., D.Sc. (Princeton), Professor of Chemical Engineering.
FRED H. HEATH, B.S., Ph.D. (Yale), Professor of Chemistry.
VESTUS T. JACKSON, M.S., Ph.D. (Chicago), Associate Professor of Chemistry.
ROBERT CABANISS GOODWIN, M.A., Ph.D. (Harvard), Assistant Professor of Chemistry.
BURTON J. OTTE, B.A., M.S., Curator of Chemistry.
FRED D. AYRES, B.S., Fellow in Chemistry.
WALTER E. BLACKBURN, B.A., Fellow in Chemical Engineering.
ARNOLD W. DEAN, B.S., Fellow in Chemistry.
GEORGE A. HAWKINS, B.S.E., Fellow in Chemistry.
SILAS M. THRONSON, A.B., Fellow in Chemistry.
WOODSON C. TUCKER, JR., B.S., Fellow in Chemistry.
LLOYD E. WEST, B.A., Fellow in Agricultural Chemistry.
HARRY C. WINTER, B.A., Fellow in Chemistry.
CLARENCE R. HENRY, Student Assistant in Chemistry.
CARL KAZARIAN, Student Assistant in Chemistry.
S. KENNETH LOVE, B.S., Student Assistant in Chemistry.
LAWRENCE E. McELDOWNEY, Student Assistant in Chemistry.
LOUIS MACID, Student Assistant in Chemistry.
WILLIAM E. ROBINSON, Student Assistant in Chemistry.
WALTER E. SANBURY, Student Assistant in Chemistry.
NELSON TAKAHASHI, Student Assistant in Chemistry.
G. A. BARBER, Assistant to Curator.

PHARMACOGNOSY AND PHARMACOLOGY

BERNARD V. CHRISTENSEN, M.S., Ph.D. (Wisconsin), Professor of Pharmacognosy and Pharmacology.
HAROLD W. WERNER, B.S. (Pharm.), M.S., Assistant Professor of Pharmacognosy and Pharmacology.
LOVELL D. HINER, B.S. (Pharm.), Half-time Instructor in Pharmacognosy and Pharmacology.
MANUEL S. CARRANZA, Student Assistant in Pharmacognosy and Pharmacology.
F. B. PLEMMONS, Drug Gardener.

PHARMACY

WILLIAM J. HUSA, Ph.C., M.A., Ph.D. (Iowa), Head Professor of Pharmacy.

PERRY A. FOOTE, M.S., Ph.D. (Wisconsin), Professor of Pharmacy.

PAUL S. SHATTUCK, B.S. (Pharm.), Half-time Instructor in Pharmacy.

SIDNEY T. ZEMP, Student Assistant in Pharmacy.

The faculty of the departments of Biology, English, French, Spanish, German, Physics, and related subjects, Physical Education, and Military Science, will be found in the bulletin of the College of Arts and Sciences.

The faculty of the departments of Business Administration and Economics will be found in the bulletin of the College of Commerce and Journalism.

The faculty of the department of Botany and Bacteriology will be found in the bulletin of the College of Agriculture.

GENERAL INFORMATION

AIM AND SCOPE

The School of Pharmacy was established in the University in 1923. Fostered by the druggists of Florida, to whom the school owed its inception, and aided by the liberal support of the Legislature, in two years the school had grown to the point where the University recognized it as the College of Pharmacy, which change in name was made in 1925.

As an integral part of the University, the College is governed by the same general policy and maintains the same high standard of requirements as do the other colleges in the institution. In common with the other natural sciences, it requires a large amount of laboratory instruction.

There is a distinct advantage in studying pharmacy in the University, where the students of pharmacy share all the advantages and enjoy the spirit of a great educational establishment, which increases the incentive to prepare themselves to meet the requirements of the trend of pharmaceutical education.

HISTORY

The College of Pharmacy owes its existence, in a great degree, to the splendid efforts of the Florida State Pharmaceutical Association and the Florida State Board of Pharmacy.

Mr. W. G. Perry, in his presidential address in 1922, speaking for the Florida State Pharmaceutical Association, said:

"The day of the private institution for teaching pharmacy, valuable as it once was, has gone by. Laboratory equipment, and the modern accessories of teaching now needed, mean the establishment of a plant which only the state or a richly endowed institution can finance.

"So we should work for our University School of Pharmacy. Reconstruction of educational methods since the cessation of the World War has given a new impetus to the study of pharmacy, and the ablest thinkers in the calling are unanimous in the belief that higher entrance requirements and more scientific training are necessary to meet the demand for well-trained pharmacists. It is argued that not

until the average druggist becomes something more than a commercial handler of medicines can he hope to be recognized as a professional man or to be considered as a promising candidate for a commission in the government service. Surely the trained pharmacist is needed to assist the physician in his work and unless he is competent to make analyses, bacterial determinations and related investigations, qualifications which can be learned only through the college and laboratory, his opportunities for advancement will be of little avail."

During the administration of President J. J. Gerig of the Association, a committee, headed by F. C. Groover, was appointed to co-operate with the University in the establishment of the School of Pharmacy. The excellent service by this committee resulted in the druggists of this state pledging \$5,000 to augment the legislative appropriation made for the School of Pharmacy. This sum was paid to the Auditor of the University before the expiration of the time limit of the pledge.

The Ladies' Auxiliary of the Florida State Pharmaceutical Association has provided many current journals and books for the Library of the College of Pharmacy.

Standard of Work.—All work offered in the College of Pharmacy meets the highest requirements of pharmaceutical instruction in this country. As member of the American Association of Colleges of Pharmacy, the College receives full recognition for its courses from all state boards requiring attendance in a school of pharmacy as a prerequisite for examination and registration. Although all schools of the Association are required to maintain certain minimum requirements for entrance and for graduation, the College prides itself on the fact that all of its requirements are far in excess of this minimum.

Registration and Reciprocity.—Every applicant applying to the Board of Pharmacy for the State of Florida for examination to become a registered pharmacist in the State of Florida, as a prerequisite to making such application, shall furnish the Secretary of the Board:

a. With the written statement of at least two reputable citizens, who shall not be related to the applicant by either consanguinity or affinity, certifying that the applicant is a person of good moral character.

b. The applicant shall furnish a certificate in writing that he is over twenty-one (21) years of age.

c. That the applicant shall present to the Board, through its Secretary, a diploma from an accredited school or college of pharmacy, such accredited school being a school or college of pharmacy holding membership in the American Association of Colleges of Pharmacy, provided that a diploma of any other school or college of pharmacy not a member of said American Association of Colleges of Pharmacy but whose standard of requirements for the issuance of its diploma are equal or equivalent to the requirements of an accredited school as now established by said American Association of Colleges of Pharmacy shall be recognized by the Board as a diploma sufficient to entitle the applicant to be examined by the Board. And further provided that the requirements herein provided shall not apply to any person who has been apprenticed for a period of one year or more under the provisions of the Laws of this State as the same existed prior to the passage of said Chapter 10201 of the 1925 Laws of Florida, and further providing that the provisions of these rules shall not apply to any legally qualified physician, practicing in the State of Florida for three years, prior to June 5, 1915, and further provided that nothing in these rules shall be deemed or held to impair or affect the now existing rules

and regulations of this Board or the Laws of this State as now in force governing the right of a pharmacist registered in some other State, whose standards of requirement and examination shall be fully equal to the standard of requirements and examination as established and maintained by the Board, from registering with the Board without examination.

Further information concerning registration in Florida may be obtained by writing Mr. J. H. Haughton, Secretary of the State Board of Pharmacy, Palatka, Florida.

Opportunities for Graduates.—The three-year curriculum is designed primarily to train retail pharmacists. Only a small amount of latitude can be allowed in the selection of courses, since the minimum requirements of the American Association of Colleges of Pharmacy must be met. But the four-year curriculum offers an opportunity for specialization, either in Commercial Pharmacy, in Pharmaceutical Chemistry, or in Pharmacognosy and Pharmacology. The course in Commercial Pharmacy should qualify a man for a position as manager in a drug store, or as a salesman of drugs and chemicals. The work in Pharmaceutical Chemistry is designed to train men for positions in food and drug laboratories, or as manufacturing pharmacists. The completion of the work of the fourth year in pharmacognosy or pharmacology should qualify one to act in the capacity of pharmacognocist or inspector of crude drugs with a manufacturing concern, or with the Federal Customs Service, or as pharmacologist for manufacturing houses or for hospitals. The above-named positions are only a few of the many open to men who possess training along any of the above lines. At the present time the difficulty is not to find a position for the trained man, but to find sufficient men with adequate training for the technical positions now open.

EQUIPMENT

Grounds and Buildings.—The University occupies a tract of nine hundred and fifty-three acres situated in the western part of Gainesville. Ninety acres of this tract are devoted to campus, drillgrounds, and athletic fields; the remainder is used by the College of Agriculture and Agricultural Experiment Station.

The University is one of the few institutions in the United States that made plans for all future development of the campus, as far as this could be foreseen, before laying the foundation of a single building.

The liberality of the State has permitted the erection of substantial and attractive modern buildings as they were needed. The present buildings on the campus of interest to the College of Pharmacy are:

The Pharmacy-Chemistry Building, which contains all of the class rooms, laboratories, office and equipment used by the College of Pharmacy and the Department of Chemistry. Kewaunee furniture and alberene wall type hoods are standard equipment in all of the laboratories. The laboratories are piped for hot and cold water, high pressure steam, gas, compressed air, and A. C. and D. C. electricity. They are well equipped for graduate as well as undergraduate work in pharmacy and chemistry.

The first unit of this building was erected in 1927. It is a brick and reinforced concrete structure 204' 6" by 145' 11". The present value of the building and equipment is estimated at \$390,000. The completed building will be in the form of a hollow square with the stock room and large lecture hall occupying a portion of the center.

The attractiveness of the building is enhanced by carvings of alchemistic symbols, gargoyles and the names of famous pharmacists and chemists. At the entrance to the building appears the following motto: "Enter to Think God's Thoughts After Him; Go Forth to Apply His Thoughts in Service."

Science Hall, which now houses the departments of Botany, Biology and Bacteriology. The Florida State Museum is also located in this building.

Language Hall, in which are located the departments of Languages, Economics, together with the executive offices of the University. The College of Commerce and Journalism and the General Extension Division offices are also located in this building.

The Administration Building, one unit of which has been completed and is now used as an auditorium which seats 2200 persons. In this building has been installed the \$50,000 Anderson Memorial organ, the gift of Dr. Andrew Anderson of St. Augustine.

The University Library Building, which contains the main library of some 60,000 volumes. The Pharmaceutical and Chemical Library of technical books and periodicals, is located in the Pharmacy-Chemistry Building.

The University Commons, which building contains the University cafeteria, also the campus Y. M. C. A.

The Infirmary.

The Gymnasium, in which are located the offices of the Department of Physical Education.

Military.—For information concerning this department consult the special bulletin of the College of Arts and Sciences, or the Bulletin of General Information.

Medicinal Plant Garden.—A ten-acre tract has been allotted to the College of Pharmacy for use as a medicinal plant garden. This tract has been divided into three sections—(1) about three acres in the natural wooded state and including a small lake for aquatic plants; (2) about three acres from which all underbrush has been cleared and which is used largely for the development of trees and of plants that require shade; (3) about four acres under cultivation and which is used for the propagation of medicinal plants that grow under cultivation.

This drug garden is conducted primarily to serve as a teaching adjunct. Students go to the garden to study and learn to recognize the medicinal plants in the growing state and also to study methods of propagation, cultivation, harvesting and curing of plants for the commercial market. It also serves as a source of supply for fresh material for study, investigation and classroom illustration. For these reasons, as many as possible of the official plant drugs are grown. There are at present about one hundred thirty medicinal plants growing in the garden. In addition, investigations pertaining to the successful growth of exotic plants are being carried on, particularly in reference to tropical and sub-tropical medicinal plants. Whenever possible, rootstock or seeds are furnished to individuals who are interested in the production of medicinal plants. The helpful cooperation of the United States Bureau of Plant Industry, the State Commissioner of Agriculture and of interested citizens of the state is much appreciated.

CHEMISTRY-PHARMACY LIBRARY

The Chemistry-Pharmacy branch of the Main Library is housed in the Chemistry-Pharmacy Building. It is open daily except Sunday, during the business hours of the University with a librarian in attendance.

The books are kept in stacks in one portion of the library room, and the remainder of the room is furnished with comfortable chairs and a large table for reading and studying.

The collection of books include text and reference books and several of the American and foreign periodicals on chemical and pharmaceutical subjects. Additional volumes are added each year.

RULES AND REGULATIONS

Students are referred to the handbook "By-Laws of the University of Florida" for complete information concerning the rules and regulations by which they are to be governed. A copy of this handbook is furnished each student upon registering in the University. Every student is held responsible for reading and abiding by these By-Laws.

EXPENSES

Consult the Bulletin of General Information, pages 36-40, for information concerning expenses.

Estimate of Laboratory Fees and Books for a Student in Pharmacy:

Freshman Year:

Military, \$1; Biology, \$15; Chemistry, \$15; Pharmacy, \$10; Books, \$27.50. . . \$68.50

Sophomore Year:

Military, \$1; Chemistry, \$20; Biology, \$10; Pharmacy and Pharmacognosy, \$25; Books, \$27.50 83.50

Junior Year:

Pharmacy and Pharmacognosy-Pharmacology, \$38; Books, \$27.50 65.50

Senior Year:

Laboratory work, elective; Books, \$27.50 27.50

SCHOLARSHIPS AND LOAN FUNDS

Groover-Stewart Scholarship.—For several years past the Groover-Stewart Drug Company of Jacksonville, Florida, has maintained three scholarships having a total annual value of \$1,000. No scholarship will be awarded after 1930-31 and for that year it has already been awarded.

Fairchild Scholarship (National).—Mr. Samuel W. Fairchild of New York City offers annually a scholarship amounting to \$500. The award is made, by competitive examination, to a graduate in pharmacy who will do postgraduate work in the year immediately following his graduation. Examinations are held in June at the various colleges of pharmacy which are members of the American Association of Colleges of Pharmacy.

Further information may be obtained from the Dean of the College of Pharmacy.

Other Scholarships.—For information concerning other scholarships offered consult the Bulletin of General Information, pages 41-45.

AWARDS AND MEDALS

For information concerning the awards and medals listed below consult the Bulletin of General Information, page 46.

Groover-Stewart Drug Company Cup
Blanche Winfield Leigh Medal
The Ramsaur Medal

HONOR SOCIETIES

Phi Kappa Phi.—A chapter of the Honor Society of Phi Kappa Phi was established at the University during the spring of 1912. To be eligible for membership a student must have been in attendance at the University for at least one year, or three summer sessions, have been guilty of no serious breaches of discipline, have had at least three years of collegiate training, be within one year of finishing a course leading to a degree, and stand among the first tenth of the senior class of the

University. Candidates for election to Phi Kappa Phi must have attained an honor point average of two on all scholastic work, wherever done, for which credit toward a degree is received.

Rho Chi Honorary Pharmaceutical Fraternity.—Iota Chapter of Rho Chi, national honorary pharmaceutical fraternity, was established at the University in 1928. Chapters of this organization are established only at colleges that are members in good standing of the American Association of Colleges of Pharmacy and which meet the high standards established by the national chapter. Membership is based primarily on scholastic ability as indicated by average percentage of grades, participation in student activities, and gentlemanly qualities. All candidates for membership must have completed at least sixty hours of scholastic work and be recommended by the Dean of the College of Pharmacy.

Gamma Sigma Epsilon Honorary Chemical Fraternity.—Gamma Sigma Epsilon is a national honorary chemical fraternity. Its members are elected from those students whose grades in chemistry for the two years prior to election are up to the high standard set by the local chapter. Graduate students majoring in chemistry are also eligible for membership. Election to membership in this fraternity is regarded by chemistry students as one of the highest honors to be attained at the University.

STUDENT ORGANIZATIONS

Mortar and Pestle Society.—The Mortar and Pestle Society of the University of Florida was organized by the students of the College of Pharmacy at a meeting in Science Hall, September 21, 1923. Lectures and debates on interesting phases of scientific and commercial pharmacy are held each month.

Chemical Society.—The Leigh Chemical Society is organized by and for the students of the Department of Chemistry. The purpose of the society is to stimulate the interest of the beginning student of chemistry by giving him a correct idea of the broadness of the field and its far-reaching importance in the arts and industry. All chemistry students are urged to affiliate with the society and attend its programs which are held on the second Thursday evening of each month.

For information concerning other student organizations consult the Bulletin of General Information, page 47-48.

ADMISSION

For rules and information concerning admission consult the Bulletin of General Information, pages 26-31.

ADVANCED STANDING

Advanced standing will be granted only upon recommendation of the heads of the departments concerned. Fitness for advanced work may be determined by examination or by trial. Students from other institutions of like standing will ordinarily be classified according to the ground already covered.

DEGREES

The College offers a three-year curriculum leading to the certificate of Graduate in Pharmacy (Ph.G.), and an additional year's work, upon completion of which the degree of Bachelor of Science in Pharmacy (B.S. in Pharm.) is conferred. In the work of the fourth year opportunity is given for specialization in Commercial Pharmacy, in Pharmaceutical Chemistry, or in Pharmacognosy and Pharmacology.

Students entering in 1932 can register only for the four-year course. In accordance with the action of the American Association of Colleges of Pharmacy and the National Boards of Pharmacy the three-year course will be discontinued.

The Degree of Master of Science.—Courses are offered leading to the degree of Master of Science in Pharmacy. Candidates for that degree must possess the Bachelor of Science Degree in Pharmacy of this institution or of one of like standing.

The student must spend at least one entire academic year in residence at the University as a graduate student, devoting his full time to the pursuit of his studies.

For further requirements for the Master's Degree, see the Bulletin of the Graduate School.

The Degree of Doctor of Philosophy.—Courses are offered leading to the degree of Doctor of Philosophy with specialization in Chemistry, Pharmacy, and Pharmacognosy. For further information consult the special Bulletin of the Graduate School.

THE THREE-YEAR CURRICULUM

Leading to the Certificate of Graduate in Pharmacy

First Year

First Semester		Second Semester	
Names of Courses	Credits	Names of Courses	Credits
English 101	3	English 102	3
Botany 101	4	Botany 102	4
Chemistry 101	3	Chemistry 104	5
Pharmacy 101	3	Pharmacy 102	3
Military Science 101	2	Military Science 102	2
Physical Education 101	1	Physical Education 102	1
	18		18

Second Year

Chemistry 361	5	Chemistry 362	5
Chemistry 363	2	Biology 0105	2
Pharmacognosy 221	3	Pharmacognosy 222	3
Pharmacy 211	5	Pharmacy 222	5
Military Science 201	2	Military Science 202	2
	17		17

Third Year

Pharmacology 351	3	Pharmacy 372	4
Pharmacy 351	5	Pharmacognosy 342	3
Pharmacy 331	3	Pharmacology 362	4
Pharmacy 361	3	Pharmacy 332	2
Pharmacy 381	2	Pharmacy 362	3
	16		16

THE FOUR-YEAR CURRICULUM

Leading to the Degree of Bachelor of Science in Pharmacy.

The first three years of the four-year curriculum are identical with the three-year curriculum as outlined above. In the senior year a major may be selected in Commercial Pharmacy, Pharmaceutical Chemistry, Pharmacognosy, or Pharmacology.

Wherever the term "approved elective" occurs in the curriculum it shall be understood that the electives are to be recommended by the Head of the Department concerned and approved by the Dean.

Senior Year

Commercial Pharmacy Major

First Semester		Second Semester	
Names of Courses	Credits	Names of Courses	Credits
Pharmacy 471	2		
Business Administration 331	3	Business Administration 332	3
Business Administration 211	3	Business Administration 212	3
French, German or Spanish	3	French, German or Spanish	3
Business Administration 401, or Approved Elective	3	Business Administration 402, or Approved Elective	3
Approved Elective	2	Approved Elective	4
	16		16

Pharmaceutical Chemistry Major

		Pharmacy 432	3
		Chemistry 232	4
Pharmacy 451	3	Chemistry 406	3
French or German	3	French or German	3
Approved Electives	10	Approved Electives	3
	16		16

Pharmacognosy Major

Pharmacognosy 425	4	Pharmacognosy 426	4
*Pharmacognosy 435	4	*Pharmacognosy 436	4
Pharmacognosy 491, or Approved Elective	2	Pharmacognosy 492, or Approved Elective	2
French or German	3	French or German	3
Approved Electives outside Department	3	Approved Electives outside Department	3
	16		16

Pharmacology Major

Pharmacology 451	4	Pharmacology 452	4
Pharmacology 455	4	Pharmacology 456	4
Pharmacology 491, or Approved Elective	2	Pharmacology 492, or Approved Elective	2
French or German	3	French or German	3
Approved Electives outside Department	3	Approved Electives outside Department	3
	16		16

*Pharmacognosy 231-232 may be substituted if student has not already completed this course.

Students entering in 1932 can register only for the four-year course. In accordance with the action of the American Association of Colleges of Pharmacy and the National Boards of Pharmacy the three-year course will be discontinued.

DEPARTMENTS OF INSTRUCTION

Subjects with odd numbers are given in the first semester and subjects with even numbers are given in the second semester unless the number begins with 0, in which case the reverse is true.

The number of hours given is the number of hours which the class meets per week.

The number of credits is the number of semester credit hours earned by each student who receives a passing grade (A, B, C, or D) when the subject is completed.

Subjects numbered 200 or above are not open to freshmen; subjects numbered 300 or above are not open to sophomores; subjects numbered 400 or above are not open to juniors; subjects numbered 500 or above are for graduate students.

The abbreviations used are wherever possible the first and last letter of the first word of the department name. Occasionally, a third central letter is demanded to distinguish between departments where first and last letters are identical.

Three hours of laboratory work or equivalent are considered of equal value to one hour of recitation.

BIOLOGY

Bly. 0105.—Elementary Anatomy and Physiology. 2 hours. 2 credits. SHERMAN.

The elements of vertebrate anatomy with an introduction to the physiological systems of man.

Fee for demonstration material: \$2.

BOTANY AND BACTERIOLOGY

Bty. 101.—General Botany. 2 hours and 4 laboratory hours. 4 credits. No credit toward a degree will be allowed until credit in Bty. 102 is earned. CODY, CARROLL.

The plant cell; structure and life histories of spore plants.

Laboratory fee: \$5.

Bty. 102.—General Botany. 2 hours and 4 hours laboratory. 4 credits. CODY, CARROLL.

Structure, life histories and principles of classification of seed plants.

Laboratory fee: \$5.

Bcy. 301.—General Bacteriology. 2 hours and 4 hours laboratory. 4 credits. CARROLL.

The morphology, physiology and cultivation of bacteria and related microorganisms.

Prerequisite: College botany or biology; a knowledge of chemistry desired.

Laboratory fee: \$5.

BUSINESS ADMINISTRATION

Bs. 201E-202E.—Principles of Economics. 3 hours. 6 credits. DOLBEARE, ANDERSON, ELDRIDGE, BICHAM, HICKS.

Bs. 211-212.—Principles of Accounting. 2 hours and 2 hours laboratory. 6 credits. GRAY.

Bs. 331.—Principles of Salesmanship. 3 hours. 3 credits. WILSON.

Bs. 332.—Retail Store Management. 3 hours. 3 credits. WILSON.

Bs. 401.—Business Law. 3 hours. 3 credits. HURST.

Bs. 402.—Advanced Business Law. 3 hours. 3 credits. HURST.

CHEMISTRY

Cy. 101.—General Chemistry. 4 hours and 3 hours laboratory. 5 credits. No credit toward a degree will be allowed until credit in Cy. 102, 104 or 110 is earned. HEATH in charge.

The fundamental laws and theories of chemistry, and the preparation and properties of the common non-metallic elements and their compounds. Students may begin this course either the first or second semester.

Laboratory fee: \$5.

Cy. 102.—General Chemistry, continued. 4 hours and 3 hours laboratory. 5 credits. HEATH in charge.

Devoted largely to a study of the metallic elements and their compounds.

Laboratory fee: \$5.

Cy. 104.—General Chemistry, continued, and Qualitative Analysis. 4 hours and 3 hours laboratory. 5 credits. JACKSON.

A study of the metallic elements and their compounds, and the qualitative analysis of the metals and acid radicals.

Laboratory fee: \$5.

Required of first year pharmacy students.

Cy. 105.—General Chemistry. 3 hours and 3 hours laboratory. 4 credits. No credit toward a degree will be allowed until credit in Cy. 106 is earned. BLACK.

The fundamental laws and theories of chemistry and the preparation and properties of the common non-metallic elements and their compounds.

Laboratory fee: \$5.

Required of first year agricultural students.

Cy. 106.—General Chemistry, continued, and Qualitative Analysis. 3 hours and 6 hours laboratory. 5 credits. BLACK, JACKSON.

A study of the metallic elements and their compounds and the essentials of qualitative analysis.

Laboratory fee: \$5.

Required of first year agricultural students.

Cy. 107-108.—Elementary Descriptive Chemistry. 3 hours and 3 hours laboratory. 8 credits. No credit toward a degree will be allowed until the entire 8 credits are earned. GOODWIN.

A study of the elements and their compounds with a minimum of the underlying principles of chemistry. The laboratory work will be of general nature and will include no systematic qualitative analysis. This course does not fulfill prerequisite requirements for a second course in chemistry.

Laboratory fee: \$5 per semester.

Cy. 110.—General Chemistry, continued. 4 hours. 4 credits. BEISLER.

Devoted largely to a study of the metallic elements and their compounds.

Required of second year chemical engineering students.

Cy. 203.—Qualitative Analysis. 2 hours and 6 hours laboratory. 4 credits. JACKSON.

A systematic study of the metals and their chemical reactions and theoretical considerations of qualitative analysis. Practice in the separation and identification of the common metals and acid radicals.

Prerequisite: General Chemistry.

Laboratory fee: \$5.

Cy. 215.—Water and Sewage. 2 hours and 3 hours laboratory or its equivalent. 3½ credits. GOODWIN.

A theoretical and practical study of the examination and treatment of water and sewage.

Prerequisite: General Chemistry.

Laboratory fee: \$5.

Required of fourth year Civil Engineering students.

Cy. 232.—Elementary Physical Chemistry. 3 hours and 3 hours laboratory. 4 credits. JACKSON.

A study of the gaseous, liquid and solid states of matter, the properties of solutions, and colloids.

Prerequisite: Cy. 203 or College Physics.

Laboratory fee: \$5.

This course will be offered both semesters in 1930-1931.

Cy. 262.—Organic Chemistry. 3 hours and 6 hours laboratory. 5 credits. BLACK.

A brief course embracing the more important aliphatic and aromatic compounds, designed chiefly for students in applied biological fields. Suitable for those premedical students who desire only 5 hours of organic chemistry.

Prerequisite: General Chemistry.

Laboratory fee: \$5.

Cy. 303.—Quantitative Analysis. 6 hours laboratory or its equivalent. 2 credits. BLACK.

A brief survey of the fundamental methods of gravimetric and volumetric analysis. The laboratory work is selected especially for students of pharmacy.

Prerequisite: Cy. 104.

Laboratory fee: \$5.

Required of second year pharmacy students.

Cy. 305 or 0305.—Quantitative Analysis. 2 hours and 9 hours laboratory. 5 credits. BLACK.

The fundamental principles of gravimetric and volumetric analysis. The laboratory work may be varied somewhat to fit the needs of individual students.

Prerequisite: Cy. 104, Cy. 106, or Cy. 203.

Laboratory fee: \$5.

Cy. 335.—Unit Processes of Chemical Engineering. 3 hours. 3 credits. BEISLER.

A critical study of the fundamental chemical engineering processes, such as filtration, evaporation and drying.

Prerequisites: Cy. 232 and College Physics.

Required of fourth year chemical engineering students.

Cy. 351.—Metallurgy. 2 hours and 3 hours laboratory. 3 credits. BEISLER, YEATON.

A study of the preparation, properties, structure and uses of the more important metals and alloys.

Prerequisites: General Chemistry and College Physics.

Laboratory fee: \$5.

Required of fourth year chemical engineering students.

Cy. 361-362.—Organic Chemistry. 3 hours and 6 hours laboratory or its equivalent. 10 credits. No credit toward a degree will be allowed until the entire 10 credits are earned. LEIGH.

A study of the preparation and properties of various aliphatic and aromatic compounds.

Prerequisites: Cy. 104, Cy. 203, or Cy. 232.

Laboratory fee: \$5 per semester.

Cy. 403.—Water Analysis. 9 hours laboratory or its equivalent. 3 credits. GOODWIN.

The analysis of waters to determine their potability and fitness for steam raising and other purposes.

Prerequisite: Cy. 305.

Laboratory fee: \$2.50.

Cy. 405.—Gas Analysis. 1 hour and 6 hours laboratory. 3 credits.

The analysis of fuel and illuminating gas and products of combustion. Some attention given to the theory and use of automatic gas recorders.

Prerequisite: **Cy. 305.**

Laboratory fee: \$5.

Not offered in 1930-1931.

Cy. 406.—Physiological Chemistry. 2 hours and 3 hours laboratory. 3 credits. GOODWIN.

The chemistry and physiology of carbohydrates, fats, proteins, and body tissues. The examination of body fluids such as milk, blood, urine, etc. An elementary course.

Prerequisite: Organic Chemistry.

Laboratory fee: \$5.

Required of fourth year pharmaceutical chemistry students.

Cy. 410.—Historical Chemistry. 3 hours. 3 credits.

The historical development of the more important chemical theories and their influence on the development of the science.

Prerequisites: **Cy. 361, Cy. 362 and Cy. 305.**

Not offered in 1930-1931.

Cy. 412.—Organic Analysis. 9 hours laboratory or its equivalent. 3 credits. GOODWIN.

The ultimate analysis of organic compounds.

Prerequisites: **Cy. 305, Cy. 361 and Cy. 362.**

Laboratory fee \$5.

Cy. 415.—Fuels Laboratory. 6 hours laboratory or its equivalent. 2 credits. BEISLER.

Analysis and calorimetry of gaseous, liquid and solid fuels.

Prerequisite: **Cy. 305.**

Laboratory fee: \$5.

Required of fourth year chemical engineering students.

Cy. 422.—Advanced Physical Chemistry. 3 hours and 3 hours laboratory. 4 credits. JACKSON.

A study of electrical theory of matter, radioactivity, atomic structure, relation between physical properties and chemical constitution, equilibrium, phase rule, thermodynamics, thermo-chemistry, chemical kinetics, and photo-chemistry.

Prerequisites: **Cy. 203, Cy. 232, Cy. 361 and Cy. 362.**

Laboratory fee: \$5.

Cy. 432.—Agricultural Analysis. 2 hours and 9 hours laboratory. 5 credits. BLACK.

The quantitative analysis of agricultural products. The laboratory work may be varied somewhat to fit the needs of individual students.

Prerequisites: **Cy. 305, Cy. 361, and Cy. 362.**

Laboratory fee: \$5.

Cy. 441-442.—Industrial Chemistry. 3 hours. 6 credits. No credit toward a degree will be allowed until the entire 6 credits are earned. BEISLER.

Consideration of chemical principles involved in manufacturing and refining inorganic and organic products of commercial importance. Visits are made to such factories and chemical plants as may be accessible.

Prerequisite: **Cy. 361 and Cy. 362.**

Required of fourth year chemical engineering students.

Cy. 444.—Industrial Chemistry Laboratory. 9 hours laboratory or its equivalent. 3 credits. BEISLER.

A practical study of the commercial methods of manufacture and purification of important chemicals.

Prerequisites: **Cy. 335, Cy. 441.**

Laboratory fee: \$5.

Required of fourth year chemical engineering students.

Cy. 462.—Photographic Chemistry. 3 hours or its equivalent. 3 credits.
HEATH.

Deals with the chemical action of light, the preparation, properties, and uses of photographic materials. The practical applications of photography will be shown, as well as the theory of the subject.

Prerequisites: Cy. 262, or Cy. 361 and Cy. 362; Cy. 232 or College Physics.
Given alternate years. Not offered in 1930-1931.

GRADUATE COURSES

Cy. 501.—Organic Preparation.

Cy. 504.—Inorganic Preparations.

Cy. 505.—Organic Nitrogen Compounds.

Cy. 506.—Special Chapters in Organic Chemistry.

Cy. 509.—Electrochemistry.

Cy. 513.—Colloid Chemistry.

Cy. 516.—Chemistry of the Rare Elements.

Cy. 519.—Atomic Structure.

Cy. 525.—Chemistry of the Terpenes.

Cy. 531.—Advanced Qualitative Analysis.

Cy. 533.—Advanced Quantitative Analysis.

Cy. 551-552.—Chemical Research.

See Bulletin of Graduate School for description of the above courses.

ENGLISH

Eh. 101-102.—Rhetoric and Composition. 3 hours. 6 credits. ROBERTSON and staff.

MILITARY SCIENCE

My. 101-102, Freshman Infantry. 5 hours a week. 4 credits.

My. 201-202, Sophomore Infantry. 5 hours a week. 4 credits.

Prerequisites: My. 101 and My. 102.

MODERN LANGUAGES

At least one year of modern language is required for the degree of B.S. in Pharmacy.

FRENCH

Fh. 21-22.—Elementary French. 3 hours. 6 credits.

Fh. 101-102.—Third and Fourth Semester French. 3 hours. 6 credits.

GERMAN

Gn. 21-22.—Elementary German. 3 hours. 6 credits. CROW.

Gn. 101-102.—Intermediate Course. 3 hours. 6 credits. CROW.

SPANISH

Sh. 21-22.—Elementary Spanish. 3 hours. 6 credits.

Sh. 101-102.—Intermediate Course. 3 hours. 6 credits.

Prerequisite: Sh. 22 or equivalent.

PHARMACOGNOSY AND PHARMACOLOGY

The Department of Pharmacognosy and Pharmacology offers courses designed to provide a practical foundation for professional pharmacy and a fundamental training for scientific work in related fields and in addition, such electives as are deemed adequate to enable students to acquire the technical information and skill necessary for scientific work in Pharmacognosy and Pharmacology. Courses in Pharmacognosy are supplemented with field work in the Medicinal Plant Garden conducted by the Department. Laboratories are well equipped for both undergraduate and graduate work.

Pgy. 221-222.—Practical Pharmacognosy. 12 hours laboratory, 6 credits.
CHRISTENSEN, HINER.

Sources of crude drugs and a systematic classification of the vegetable and animal drugs of the United States Pharmacopoeia and National Formulary. Laboratory work on the methods of identifying the crude drugs, illustrated with authentic specimens.

Laboratory fee: \$5 per semester.

Required of second year pharmacy students.

Pgy. 231-232.—Cultivation of Medicinal Plants. Lectures and field periods to be arranged according to credits, which may vary from 4 to 10 credits.
CHRISTENSEN, WERNER.

Medicinal plants that are being cultivated, methods of cultivation, harvesting, curing, and preparation for the market. Field work with plants grown in the Medicinal Plant Garden.

Pgy. 342.—Microscopy of Drugs. 1 hour and 4 hours of laboratory. 3 credits. CHRISTENSEN, WERNER, HINER.

Microscopic structure and characteristics of types of drugs, methods of identifying powdered drugs and food products, and of detecting adulterations.

Prerequisite: **Pgy. 222.**

Laboratory fee: \$3.

Required of third year pharmacy students.

Ply. 351.—Pharmacology. 3 hours. 3 credits. CHRISTENSEN.

The manner of action, dosage, therapeutic uses and toxicology of official and non-official drugs and poisons. Illustrated with carefully planned demonstrations.

Prerequisite: **Pgy. 222.**

Required of third year pharmacy students.

Ply. 362.—Pharmacological Standardization. 2 hours and 4 hours laboratory, 4 credits. CHRISTENSEN, WERNER, HINER.

Biological assaying, employing the official methods of the United States Pharmacopoeia.

Prerequisite: **Ply. 351.**

Laboratory fee: \$5.

Required of third year pharmacy students.

Pgy. 425-426.—Classification of Drug Plants. 2 to 3 hours and 8 to 14 hours laboratory and field work. 6 to 10 credits. CHRISTENSEN.

Systems of classification, family characteristics and methods of identification. Preparation and filing of herbarium specimens and use of herbarium.

Prerequisites: **Pgy. 221** and **Pgy. 222.**

Laboratory fee: To be arranged.

Pgy. 435-436.—Comminution of Crude Drugs. 2 to 3 hours and 8 to 14 hours laboratory. 6 to 10 credits. CHRISTENSEN.

Types of milling machinery and milling processes. Legal standards for powdered drugs. Deterioration of drugs, causes and prevention. Preservation from insects. Lectures and laboratory, collateral reading, oral and written reports.

Prerequisites: **Pgy. 221** and **Pgy. 222.**

Laboratory fee: To be arranged.

Ply. 451-452.—The Principles of Biologicals. 2 to 3 hours and 4 to 14 hours laboratory. 4 to 10 credits. CHRISTENSEN.

Advanced study of the pharmacology of drugs and pharmacological standardization with special reference to serums, vaccines, antitoxins, enzymes, pollen extracts, and gland products.

Prerequisite: **Ply. 362.**

Laboratory fee: To be arranged.

Ply. 455-456.—New Remedies. 4 to 10 hours. 4 to 10 credits. CHRISTENSEN.

A brief history of the organization, policies and accomplishments of the Council on Pharmacy and Chemistry of the American Medical Association. The pharmacology of new remedies accepted and placed on the market. Lectures, discussions, collateral reading, oral and written reports. Open to seniors and graduates.

Prerequisite: **Ply. 362.**

Pgy., or

Ply. 491-492.—Pharmacognosy Thesis or Pharmacology Thesis. 4 credits. CHRISTENSEN.

Research problems in Pharmacognosy or Pharmacology for senior thesis or equivalent electives may be arranged upon consultation.

GRADUATE COURSES

Pgy. 425-426.—Classification of Drug Plants.

Ply. 451-452.—The Principles of Biologicals.

Pgy. 521-522.—Special Problems in Pharmacognosy.

Pgy. 525-526.—Drug Plant Analysis.

Pgy. 533-534.—Seminar in Pharmacognosy.

Ply. 551-552.—Special Problems in Pharmacology.

Ply. 555-556.—Pharmacological Testing.

Pgy., or

Ply. 591-592.—Pharmacognosy Thesis or Pharmacology Thesis.

See Bulletin of Graduate School for description of above courses.

PHARMACY

The Department of Pharmacy offers courses designed to give the proper emphasis to Pharmacy in its professional, scientific, commercial and legal aspects. Particular attention is given to the scientific side of Pharmacy, and the extensive laboratory courses afford every opportunity for acquiring the technical skill needed in identifying, preparing, testing and dispensing drugs and medicines. The application of the principles of chemistry, physics, mathematics, bacteriology, etc., to the work of the pharmacist is emphasized.

Phy. 101.—Pharmaceutical Arithmetic. 2 hours and 2 hours laboratory. 3 credits. SHATTUCK.

The application of arithmetic to pharmacy; a thorough study of the systems of weight and measure in use in the United States, and their relation to each other. Laboratory work acquaints the student with the weights and measures studied, and experiments are carried out on specific gravity, percentage solutions, thermometry, etc.

Laboratory fee: \$2.50.

Required of first year pharmacy students.

Phy. 102.—Theoretical Pharmacy. 2 hours and 2 hours laboratory. 3 credits. FOOTE, SHATTUCK.

The history and nomenclature of the United States Pharmacopoeia and the National Formulary, and of the apparatus and processes of operative pharmacy. Students conduct in the laboratory operations illustrating the principles considered in lecture, and perform the simpler pharmaceutical operations.

Laboratory fee: \$2.50.

Required of first-year pharmacy students.

Phy. 211.—Inorganic Pharmacy. 3 hours and 4 hours laboratory. 5 credits.

FOOTE, SHATTUCK.

Consideration of the inorganic compounds used in medicine—their origin and their physical, chemical and physiological properties; the preparation of these inorganic substances, and their use in compounding remedies.

Prerequisites: **Cy. 104** and **Phy. 102**.

Laboratory fee; \$5.

Required of second-year pharmacy students.

Phy. 222.—Galenic Pharmacy. 3 hours and 4 hours laboratory. 5 credits.

FOOTE, SHATTUCK.

Galenic preparations, such as syrups, spirits, tinctures, extracts, emulsions, etc. The preparation of these materials extemporaneously on a small scale, and also their manufacture in larger amounts by use of pharmaceutical machinery.

Prerequisites: **Cy. 361** and **Phy. 102**.

Laboratory fee; \$5.

Required of second-year pharmacy students.

Phy. 331.—Qualitative Drug Analysis. 1 hour and 4 hours laboratory. 3 credits. FOOTE.

The detection of the common synthetics, glucosides, and alkaloids in pharmaceutical preparations, particularly those of high toxicity. The tests used are those commonly accepted as evidence in medico-legal cases. Laboratory work on powders, solutions, emulsions, etc.

Prerequisite: **Cy. 362**. Corequisite: **Phy. 351**.

Laboratory fee: \$5.

Required of third-year pharmacy students.

Phy. 332.—Quantitative Drug Analysis. 1 hour and 2 hours laboratory. 2 credits. FOOTE.

The quantitative analysis of medicinal preparations by physical means or by chemical methods. Certain analyses are made by the use of the polariscope and the refractometer, while alkaloids are determined both gravimetrically and volumetrically.

Prerequisites: **Cy. 362** and **303, Phy. 351**.

Laboratory fee: \$5.

Phy. 351.—Organic Pharmacy. 3 hours and 4 hours laboratory. 5 credits. FOOTE.

The preparation, properties, and uses of natural and synthetic organic drugs.

Prerequisites: **Cy. 362** and **Phy. 222**.

Laboratory fee: \$5.

Required of third-year pharmacy students.

Phy. 361.—Prescriptions and Dispensing. 2 hours and 2 hours laboratory. 3 credits. No credit toward a degree will be allowed until credit in **Phy. 362** is earned. HUSA, SHATTUCK.

To train the student for practical and efficient work at the prescription counter, each student is given extensive practice in filling prescriptions. Incompatibilities, with emphasis on the methods for overcoming apparent incompatibilities. Prescription reading, translation of prescription Latin, accepted methods of checking and filing prescriptions, and prescription pricing.

Prerequisites: **Phy. 211** and **Phy. 222**.

Laboratory fee: \$5.

Required of third year pharmacy students.

Phy. 362.—Prescriptions and Dispensing, continued. 1 hour and 4 hours laboratory. 3 credits. HUSA, SHATTUCK.

Prerequisites: **Phy. 211, Phy. 222** and **Phy. 361**.

Laboratory fee: \$5.

Required of third-year pharmacy students.

Phy. 372.—Commercial Pharmacy. 4 hours. 4 credits. HUSA.

The management of the retail pharmacy; business management, including merchandise information, retail buying, advertising, salesmanship, and accounting.

Prerequisites: **Phy. 211** and **Phy. 222**.

Required of third-year pharmacy students.

Phy. 381.—Pharmaceutical Jurisprudence. 2 hours. 2 credits. HUSA.

National, state and local laws and regulations governing the practice of pharmacy, and the pharmacist's liability, both criminal and civil, for his own violation of laws and for violation on the part of his agents.

Prerequisites: **Phy. 211** and **Phy. 222**.

Required of third-year pharmacy students.

Phy. 432.—Advanced Drug Analysis. 6 hours laboratory. 3 credits. HUSA.

The more difficult analytical methods of the United States Pharmacopoeia, supplemented by other methods recommended by the Bureau of Chemistry.

Prerequisites: **Phy. 331** and **Phy. 332**.

Laboratory fee: \$6.

Required of fourth year pharmacy students majoring in pharmaceutical chemistry.

Phy. 451.—Synthetic Pharmaceuticals. 2 hours and 2 hours laboratory. 3 credits. FOOTE.

The manufacture and use of the newer synthetic remedies. A comparative study of the different manufacturing methods for each product. The laboratory work consists of the preparation of these products.

Prerequisite: **Phy. 351**.

Laboratory fee: \$2.50.

Required of fourth-year pharmacy students majoring in pharmaceutical chemistry.

Phy. 471.—Advanced Commercial Pharmacy. 2 hours. 2 credits. HUSA.

A study of the commercial problems and business methods of the manufacturer, wholesaler, and retail chain store executive.

Prerequisite: **Phy. 372**.

Required of fourth-year pharmacy students majoring in commercial pharmacy.

GRADUATE COURSES

Phy. 502.—Selected Topics in Pharmacy.**Phy. 503.—Advanced Pharmacy.****Phy. 504.—Advanced Galenical Pharmacy.****Phy. 541.—Manufacturing Pharmacy.****Phy. 553.—Advanced Synthetic Pharmaceuticals.****Phy. 554.—Advanced Pharmacy.**

See Bulletin of Graduate School for description of above courses.

PHYSICAL EDUCATION

Pl. 101-102.—Elementary Gymnastics and Outdoor Activities. 2 hours. 2 credits.

PHYSICS

Ps. 111.—Elementary Theory of Mechanics and Heat. 3 hours. 3 credits.**Ps. 112.—Elementary Theory of Sound, Light, and Electricity.** 3 hours. 3 credits.

Ps. 113-114.—Lecture Demonstration Course. 1 hour. 2 credits. No credit toward a degree will be allowed until the entire 2 credits are earned.

Demonstration lectures designed to supplement Ps. 111 and 112, and should be taken by all students electing those courses.

Ps. 115-116.—Elementary Laboratory Physics. 3 hours laboratory. 2 credits.

OTHER DEPARTMENTS

For description of courses which may be used for approved electives and those courses listed above consult the bulletins of the respective colleges in which the course is described.

GRADUATES

1924-25

Dewey Rex Moore, B.S. in Pharmacy.
Milan Ross Anderson, Ph.G.

William Birt Anderson, Jr., Ph.G.
John Adolphus Gardner, Ph.G.

1925-26

Lloyd Maury Chew, B.S. in Phar.
Staten Hardee Chance, B.S. in Phar.

Thomas Jefferson Edwards, Jr., B.S. in Phar.
Burton Nathaniel Work, B.S. in Phar.

1926-27

Morris Charles Bennett, Ph.C.
James Yarbrough Blake, Ph.C.
Bradley Lanier Dansby, B.S. in Phar.

J. Webster Merritt, Ph.C.
Emil Richard Russell, Ph.C.

Lyman David Fonda, M.S. in Phar.

Ernst T. Stuhr, M.S. in Phar.

1927-28

*Gordon Alonzo Baker, Ph.C.
Jonathan Archibald Black, Ph.C.
Richard Harry DeBoer, Ph.C.
Chancey George Hamilton, Ph.C.
Joseph Huske Pearce, Ph.C.

Erwin Mason Seay, Ph.C.
Richard Harrison Swaine, Ph.C.
Marcus DeVoe Waldron, Ph.C.
Bertram David Walton, B.S. in Phar.
Frank I. Zumwalt, Ph.G.

1928-29

Albert Coleord Deen, Ph.G., B.S. in Phar.
LeRoy Tilson Fisher, Ph.G.
Clarence Joseph Lee, Ph.G.
Orlen B. Lewis, Ph.G.

Burness Vernon Padgett, Ph.G.
George Garrison Smith, Ph.G., B.S. in Phar.
Helman Smith, Ph.G.
Arnold DeMerritt Welch, Ph.G.

William Walter F. Enz, M.S. in Phar.

Harold Willard Werner, M.S. in Phar.

1929-30

Leslie Earle Arnow, Ph.G., B.S. in Phar.
Henry Leon Hicks, Ph.G.
Carl Kazarian, Ph.G.
Harry Kazarian, Ph.G.
Leon Shepard McLean, Ph.G.
Louis Magid, Ph.G.

James Clifford Pratt, Ph.G.
James Trapani Scaglione, Ph.G.
Bryant Mason Stone, Ph.G.
Arnold DeMerritt Welch, B.S. in Phar.
Sidney Thornton Zemp, Ph.G.

*Deceased.

AWARDS AND HONORS

1926-28

Groover-Stewart Scholarship	Joseph H. Pearce, Jr.
Groover-Stewart Scholarship	Arnold D. Welch
Groover-Stewart Scholarship	Joseph M. Carter
Blanche Winfield Leigh Medal, 1927.....	J. Webster Merritt
D. W. Ramsaur Medal, 1927	J. Webster Merritt
F. C. Groover Loving Cup	Class of 1927
Blanche Winfield Leigh Medal, 1928.....	Richard H. Swaine
D. W. Ramsaur Medal, 1928.....	Joseph H. Pearce, Jr.

1928-30

Groover-Stewart Scholarship	Wesley J. Alonso
Blanche Winfield Leigh Medal, 1929.....	Clarence J. Lee
D. W. Ramsaur Medal, 1929.....	Arnold D. Welch
Blanche Winfield Leigh Medal, 1930.....	Arnold D. Welch
D. W. Ramsaur Medal, 1930	Louis Magid

ADDITIONAL INFORMATION

For further information address Townes R. Leigh, Dean, College of Pharmacy,
University of Florida, Gainesville, Florida.

THE UNIVERSITY CALENDAR

1930-31

The Summer Session

1930

June 16, Monday	Summer Session begins.
June 28, Saturday	Last day for filing application for degree at the end of the summer session.
July 4, Friday	Independence Day, a holiday.
July 14, Monday.....	Last day to make graduate applications.
July 23, Wednesday	Last day for submitting theses to the Graduate Committee.
August 6, Wednesday, 8:00 p.m.....	Summer Session Commencement Convocation.
August 8, Friday, 5:00 p.m.....	Summer Session ends.
August 18, Monday	Farmers' Week begins.
August 30, Saturday.....	Last day for filing applications for fall re-examinations.

First Semester

September 11-13, Thursday to Saturday.....	Entrance examinations.
September 15, 16, 17, Monday thru Wednesday	Re-examinations.
September 15-19, Monday thru Friday.....	Freshman registration and orientation, including Engineering Qualifying Examination and other tests. (A special program of the routine of this week will be available by June 1, 1930.) All freshmen must be present at the University Auditorium at 11:00 o'clock a.m., Monday, September 15, or they will not be registered during that week and will be required to pay the fees for late registration.
September 18-19, Thursday and Friday.....	Registration for upperclassmen.
September 22, Monday, 8:00 a.m.....	Classes meet for the first time.
September 29, Monday, 8:00 a.m.....	Changes in courses—fee \$2.00.
October 6, Monday, 7:00 p.m.....	Meeting of the General Faculty.
October 11, Saturday, 12:00 noon.....	Registration for classes in the first semester closes. Last day for making applications for degrees at the end of the first semester.
October 17, Friday, 5:00 p.m.....	All freshmen grades due in the office of the Registrar.
October 18, Saturday, 12:00 noon.....	Last day for dropping courses without grade. Annual Dad's Day and Homecoming.

October 31, Friday, 5:00 p.m.	Last day for graduate applications.
November 3, 3:00 p.m.	Dedication for new stadium.
November 11, Tuesday	Armistice Day, a holiday.
November 21, Friday, 5:00 p.m.	Mid-semester grades are due in the office of the Registrar.
November 27, Thursday	Thanksgiving Day, a holiday.
December 19, Friday, 5:00 p.m.	Christmas Recess begins.
1931	
January 5, Monday, 8:00 a.m.	Christmas Recess ends.
January 17, Saturday, 12 noon	Last date for submitting theses to Gradu- ate Committee.
January 22, Thursday, 8:00 a.m.	Final examinations for the first semester begin.
January 30, Friday, 5:00 p.m.	First semester ends.
January 31, Saturday, 12 noon	All semester grades are due in the office of the Registrar.
Saturday, 8:00 p.m.	Commencement Convocation.

Second Semester

February 2 and 3, Monday and Tuesday	Second semester begins. Registration for second semester.
February 4, Wednesday, 8:00 a.m.	Second semester classes begin. Change in courses—fee \$2.00. Late registra- tion fee \$5.00.
February 7, Saturday, 12:00 noon	Registration for second semester closes.
February 14, Saturday, 2:00 p.m.	Meeting of the General Faculty.
February 21, Saturday, 12:00 noon	Last date for filing applications for re- examinations.
February 28, and March 7, 2-5 p.m.	Re-examinations.
February 28, Saturday, 12:00 noon	Last date for application for degrees at the end of the second semester.
	Last date for filing graduate applications for those entering the second semester.
March 7, Saturday, 12:00 noon	Last day for dropping a course without grade.
April 3, Friday, 5:00 p.m.	Mid-semester grades are due in the office of the Registrar.
April 8, Wednesday, 5:00 p.m.	Spring holiday begins.
April 13, Monday, 8:00 a.m.	Classes resumed.
May 1, Friday, 5:00 p.m.	Last day for submitting theses to Gradu- ate Committee.
May 21, Thursday, 8:00 a.m.	Final examinations begin.
May 30, Saturday, 2:00 p.m.	Meeting of the General Faculty.

May 30-June 1, Saturday to Monday.....	Commencement Exercises.
May 30, Saturday	Class Day Exercises and oratorical contests.
May 31, Sunday, 11:00 a.m.....	Baccalaureate Sermon.
June 1, Monday, 10:00 a.m.....	Commencement Convocation.
June 1, Monday, 1:00 p.m.	Annual Alumni Luncheon and Meeting.
June 1, Monday	Boys' Club Week begins.
June 15, Monday	Summer Sessions begins.
August 7, Friday	Summer Session ends.
September 21, Monday	Registration for 1931-32 session.

Entrance Examinations

Entrance examinations for admission to the various colleges of the University will be conducted for students whose credits do not meet the requirements.

Candidates wishing to take any of these examinations should notify the Registrar in writing, not later than September 1, January 15, June 1, or June 20.

The University Record

of the

University of Florida

Baccalaureate Address

by

John Emmett Edgerton, A.M.

*President National Association of Manufacturers
New York City*



*University Auditorium
University of Florida
Gainesville
June 2, 1930*

Vol. XXV, Series 1

No. 9

June 16, 1930

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under Act of Congress, August 24, 1912.*

A Baccalaureate Address

THE primary purpose of my presence and the exclusive object of my effort on this occasion are to be as helpful in a short time as I can be to you who are about to try out your wings of collegiate preparation in the limitless spaces of practical life. Although I recall Robert Browning's philosophical observation in his great poem, "The Ring and The Book," that "Human testimony is false, and human estimation, words and wing." I shall not be discouraged from offering to you the testimony of my own twenty-seven years of experience since the day I sat like you in academic costume, conscious of no deficiency or insufficiency within myself except that of food, and wondering whether we would have ice cream for dessert at dinner and how long the commencement speaker would probably keep us separated from it. If, however, the immortal philosopher was cynical in this reference to human fallibility, he was both comforting and inspiring in the profound thought expressed in another poem that "It is not what a man is that makes him great, but what he would be." Whatever, therefore, my enterprise of service may lack in actual worth to you, charge it, if you will, to my intellectual rather than spiritual shortcomings, for I surely have the conscious desire to resolve the time at my disposal into values which will compensate all the sacrifices involved.

Now, I feel very strongly that I would be sinfully neglectful of a golden opportunity as well as inconsistent in practice with the thought of this discourse did I not direct your attention at this time and place to the two primary relationships which you must first recognize if it is your normal expectation to make your lives as valuable as they should be to yourselves and to your fellow-men. In whatsoever professions, trades, occupations, or vocations you decide to invest your particular abilities and energies your attitude towards these two relationships are going to determine inevitably both the essential income and outcome of your lives. You can not possibly divorce yourselves with any degree of safety from these relationships and the obligations attached to them. They constitute the *sine qua non* of that sort of success to which all men, consciously or unconsciously, aspire. There is no question about their existence. The only question is whether or not you will, as you should, comprehend their importance and adjust your lives to them.

THE first of these relationships is that to your God, the infinite source of all life, of all wisdom, power, and love. He is and has ever been the Supreme Architect and Ruler of the universe and of every life within its infinities. He has given to man not only all of the materials and instruments out of and with which the happiest and most perfect lives may be builded, but He has furnished the infallible Blue Print in language so simple that even a child can understand its essential substance. Only in-so-far as this Blue Print is followed in the building of a human life will it be a happy and a harmoniously successful one. I realize that these suggestions are exceedingly commonplace. You first heard them, no doubt,

at the knees of your mothers and have been hearing them from various sources and in divers terms through all your subsequent years to this day. I am reiterating them now not only because of their primary and fundamental importance at all times and under all the conditions of life, but because the evidences are so depressingly abundant that America is becoming blinded by materialism to the eternal verities, and the need is so impressively clear for a renaissance of spiritual consciousness and responsiveness among particularly those of larger capabilities and opportunities. The general forgetfulness of God against which Moses long ago warned with prophetic emphasis upon its inevitable tragic consequences, appears to me to be the most threatening cloud upon the horizon of our country's immediate future.

Our ascent as a people to the dizzy heights of material greatness has been so swiftly and easily accomplished that in our resultant vanity of spirit and developed sense of complacent self-sufficiency we have become prone to dismiss God and His laws as factors in the achievement. If He has not been dissolved in a laboratory test-tube, He has been escorted out of active control upon the conclusion of a syllogism for the purpose of man's intellectual ease. We have become so wrought up over the origin of the human species that we seem to have lost most of our concern about the more important end of life's span—its destination—and thus, *Quo Vadis*, yields to Whence came you? as the question of larger interest in the circles of inquiry. To my perception the most ominous fact in our national situation today is the run-down, unresponsive state of the popular sense of responsibility. There appears to be a general scramble to escape the obligations of self-restraint which such a sense imposes, and the perspiring labors of love which it levies. This condition of mind and soul is manifest in the common attitude not only towards the Church, religion, and things divine, but towards government and all traditional habitats of authority including the school and the home. As the liberties with which God and human government have endowed us are trampled upon, the chafing against the resulting restraints of law grows more irksome, and the clamor for unrestricted freedom louder and wilder. No wonder, then, that America stands branded as the most crime-infested nation in all the Earth. And this, as President Hoover has indicated, constitutes the very largest and most challenging of all our problems.

I^N MY opinion, my friends, it is a very much more serious question than that of the mechanics of law-making and law-enforcement. The situation transcends the possibility of permanent correction by mere political devices. Some well-considered movement must be inaugurated and patiently pursued for restoring the lost popular sense of responsibility. And it must, also in my opinion, begin with a re-enthronement of God in the public consciousness; for as the Creator of all things that exist, He is undoubtedly the source of all authority. Until that highest of authority is actively recognized, lower creations and orders of authority will not be long respected; for respect for man's law and government must begin with that for the Author of Life. Upon our churches and educational institutions must we continue to depend principally for leadership in this task of restoration and preservation. Quarrels between and among them on the relatively unimportant details of life will not help, but will continue to retard a Christian civilization's program, giving comfort and strength to the enemies of order and progress. I know of no better beginning for our college and universities in general than to establish or re-establish the processes of spiritual culture as an indispensable requirement of an education that fits for the highest responsibilities of life. A diploma,

it seems to me, which contains no certification or implication other than that its owner is intellectually ready for an opportunity to make a living represents little of value as far as the world is concerned. It is inconceivable to me that a person can rightfully claim to be educated or that his Alma Mater can so regard him formally unless he is in all essential respects qualified to discharge all of the responsibilities attaching to his inevitable relationships to God and his country. Of course, I know it is said either in the spirit of apology or obstinate defiance that the job of moral and spiritual culture belongs to the home and the church—and nobody denies the leading responsibility of those institutions in that respect. But, to a very large extent, as our educational institutional institutions are, so will be our homes and churches. They all move upward or downward together. The work of moral correction and the cultivation of the spiritual sense which determines and shapes the uses of knowledge are the joint responsibility of the three institutions. Until they are so considered and definitely provided for in the programs and curricula, our social and political life will continue to reflect the dismal neglect. In this connection, it is to be fervently hoped that not only will our educational institutions return to or arrive at the broader conception of their essential functions, but that our churches will likewise shift the emphasis in their programs from effects to causes and get back to their most serious and important function—that of purifying and keeping pure the springs of human conduct. If these supremely vital things at the source are well-done by church and school, such changes in the social order as are necessary to the ends of progress will come of their own accord in natural ways. Then we may safely cease to rely principally upon legislative statute as a cure for moral and social diseases.

YOUR second highest relationship, from the obligations of which you can not honorably escape, is that which you have to the country of which you are or will be a citizen. Loyalty to the God of your mothers' comprehends loyalty to your country and its institutions. Loyalty means the faithful performance of all duties imposed by citizenship such as voting at every public election, jury service, and every other necessary subordination of private interest to public welfare. To be a good citizen one must keep himself continuously informed on what is going on within the realm of government and on all political issues. Good government is the product only of good citizenship and in turn is the only guarantor and protector of liberty and opportunity which a people can have. The character of government, therefore, reflects the character of the citizenship which creates and supports it. So, whatever there may be of fault or weakness in our government today, they are only the mirrored deficiencies and inefficiencies of the electorate.

And there are none to deny, I think, that our political life in this country today is in the most deplorable state it has ever known. Never has incompetency found such easy and unresisted access to places of public responsibility. The five or six millions of office-holders with the members of their immediate families and close friends, and the corresponding number on the outside trying to get in with their similarly interested aids, constitute about all who consistently vote or concern themselves with government in its making. And as a rule, the side which can produce either the most money or demagogues, wins. There can be no hope for the amelioration of these lamentable conditions without a revival of the sense of public respon-

sibility among particularly the better qualified elements of our citizenship. That suggests again the derelictions of our schools and churches. Good citizenship should not only be preached, it should be taught, and a working knowledge of all that it implies should be required of every college and university student before he is turned loose with a diploma upon society. A good lawyer, doctor, teacher, preacher, or other half-educated person is on the whole a social liability, unless and until he is also a good citizen.

So, the first law of an abundantly successful and happy life is to learn to put first things first in your program of conduct. That involves a knowledge of relative values and entails the cultivation of the power of discrimination. To the senses of values and of discrimination I would add that of direction to constitute the trinity of senses which control the current of successful life. They all point to God and country as being the considerations of first importance. Then, if you would play well your parts in these two primary relationships, you should know as much as possible about your country's history, its devout and wise founders, its achievements, its superiorities, and indeed, such imperfections as it may have. For it seems to me that one can not correctly interpret the present nor forecast with any degree of accuracy the future except in the projected light of understood history. As a contribution to these ends, I want to direct your attention briefly to some of the most outstanding things which have happened within recent years, and to venture some interpretations from my viewpoint.

THE *span* of years across which I talk to you comprises the most prolific period in human history. That has been most conspicuously true of our own country, the youngest of the World's great nations. Scarcely a week of this approximate third of the twentieth century can be dismissed by the historians as lacking an event worthy of imperishable recording, and many single events of the period have themselves required exclusive volumes for their adequate treatment. It has been a period marked by unprecedented exhibitions of daring on land, on water, and in the air. In *nothing*, perhaps, have there been such astonishing advances as in the facilities of transportation and communication. Both ends of the Earth and nearly all previously unknown areas between them have been explored. Space has been so subjugated by science to the will of man, and distance so reduced by his genius that the world has already become a veritable whispering gallery, and there is scarcely a spot on the globe to which an inhabitant of any region of it could not go for his week end by starting on Monday morning. By these swiftly developing processes of solidification the relationships between races, nations, and individuals have been and are being revolutionized beyond the power of accurate estimate. The accompanying achievements of science in practically all other field of interest, particularly within the realm of productive industry, have multiplied so rapidly that even the best informed could not appraise or enumerate them. Aided by the development and application of electrical energy to industrial processes the inventions of mechanical devices, the evolutions of progressively improved methods, and by increased efficiencies of management and men, the world's power to produce material wealth has developed so much faster than its facilities for distribution and consumption that it has become one, if not the chief, of its outstanding problems. It is not a problem of consumptive capacity, for mankind has ever been, and probably always will be, able to consume all that it ever could or

can produce within the limits of physical and moral law. It is the problem of efficiency in distribution and of sufficient economic power among the peoples of the Earth to appropriate that which is distributed. Whatever the cause, it is true that for every surplus at one point there is a corresponding deficit at another; and the great concern of Man's economic genius is to satisfy in safe and rational ways the constantly recurring deficits in human need. It is, therefore, a fact, not extraordinary except in its impressiveness, that the agencies of distribution are far behind those of production. The problem, however, in greater or less intensity, has been known to every nation throughout recorded history, and so may be regarded as the concomitant of material progress itself.

Now, as already suggested, within these first thirty years of the twentieth century, and particularly during the last half of the period, our own country has made not only greater material progress than during all the preceding years of its national existence, but has advanced its economic position beyond that of any nation on earth. This has been accomplished by means of our unparalleled industrial development. Whatever our national shortcomings in other respects, it is universally conceded that we have wrought marvelously in the field of industrial productivity. So far as I know, our industry is the only thing of generally recognized importance in which we have achieved as a nation preeminent distinction. It is significant that for these last ten years of our greatest expansion commissions and delegations from other nations have been coming in increasing numbers to our hospitable shores to study our industry, investigate the methods employed in it, and try to discover the causes of its extraordinary success. For the enlightenment of our industry's assiduous army of domestic critics, it should be noted that no such delegations have come in noticeable numbers to study our progress in politics, religion, education, literature, art, the professions, or any other part or aspect of our national life. For in none of these things are we generally conceded to be first; and except in mere quantitative ways and physical dimensions our progress in none of them has been sufficient to attract attention beyond our national boundaries. It should be observed, too, as a matter of common pride, that our industry has not only attained its position of world supremacy with the capital of its own creation but has been at the same time the chief contributor out of its surplus earnings to the support of government and to the physical equipment and endowment of all other institutions. It has created also in constantly increasing degree more opportunities outside its own household for the employment of professional abilities and scientific skill and for the utilization of the product of our educational institutions than have all our other departments of life combined.


Surely then, every good American citizen should be proud of his nation's greatest demonstrated success, and should at all times maintain a fair attitude of judgment towards those who have led in the achievement and who carry not only the burden of its inherent problems but the primary responsibility for its continuing development. It should be remembered as an established fact that only from a nation's producing industries do all of its citizens derive their sustenance, and from them alone comes also the surplus of created wealth required inevitably for expansion and material progress. Let the factory or factories in any community shut down for even a week and you will quickly sense an atmosphere of gloom pervading the region round about. Whatever his occupation, every citizen will feel soon or late.

the economic effect of such an interruption of productive activity. Because of this vital economic relationship of all citizens to the industry of their country, my insistence is that it is both their moral duty and a rational necessity that they keep thoroughly informed on the underlying issues peculiar to its complex composition. Now that the southern section of our great country is coming so rapidly to the front of economic development, it may be reasonably expected that during its period of industrial adolescence there will be occasional disturbing disputes, involving substantially the same fundamental questions that had their political birth in the Constitutional Convention at Philadelphia in 1787, over which the father of our country presided. These disputes as usual will be staged at strategic points where the susceptibilities to false philosophy appear most favorable to its professional purveyors in various disguises.

I WOULD not, of course, either deny or minimize the fact that industry has its shortcomings. The people engaged in it as owners, executives, or wage-earners, are not any more nearly infallible than those engaged in other pursuits. Indeed, there are, I concede, relatively as many industrialists of the baser sort as there are of those employed in other constructive undertakings. The standard and practices of some of them are undoubtedly indefensible. Careful observers and sincere students of industry know, however, that the number of employers indisposed to sound moral and business practice is growing smaller continuously, as our civilization advances. But, as one who has been for many years in a strategic position for observation and who has diligently tried to view dispassionately the entire field, let me emphasize as strongly as I can that the disturbing conflicts in the household of industry about which you read from the professional pens of sensationalism and hear from tongues moved chiefly by passion, are *not*, as a rule, due basically to the differences that are thus advertised as causes. In the first place, it is extremely seldom that a revolt or strike on the part of those employed within a specific industry or plant is spontaneous. The most of even those that appear so are instigated and engineered by agents of discord, often from very remote points of the compass, whose living business or avocation it is to keep the pot of industrial dissension boiling.

NATURALLY, the first necessity on these occasions of intrusion is to discover and develop a local issue with which to appeal effectually to an impressionable public. The materials for such an issue can be quickly discerned by a practiced eye in almost any place where some have authority over others; and it has ever been relatively easy for skillful trouble-makers to array those who have less against those who ever appear to have more either of property or authority. So, the conflict ensues, and often violence and destruction result. But the point I wish to make in this connection is that in practically all such cases of industrial upheaval what appears to the public as the causes are only the occasions of the conflict. Far beneath the surface and beyond the accustomed reach of popular understanding two antagonistic economic theories are at war. Stripped of all its beguiling decorations, the real issue invariably is whether those who hold legal title to the property in the use of which people are employed for wages shall continue in their right to control and manage that property in lawful ways for law-

ful purposes. The opposing theory, which is always the aggressor in such warfare, is that the privileges of voluntary employment in the gainful uses of property carry with them the right of participation in its control without the corresponding obligations, risks, and sometimes losses attaching to ownership. It is the old human passion for authority without reciprocal responsibility, and rights without their corresponding obligations. In its essence, it is the visible belligerency of that philosophy which springs naturally from human "yearnings for an equal division of unequal earnings," as opposed to that which interprets economic rights as something not conferred by either God or man, but as something earned by the uses of equal opportunity vouchsafed by both. One would determine the material compensations for effort upon the basis of economic need, and the other upon the basis of earnings according to the prevailing standards of value. One attempts to equalize by law or physical force the abilities, adaptabilities, and capacities of man, while the other would protect by law the unrestricted opportunities for the rightful exercise of these powers, and their resultant economic rewards. One thinks chiefly in terms of the mass and of force, and the other in terms of the individual and of incentives to effort. One would compel the acceptance of its dicta by the application of legal or other coercion, while the other would leave to the free will of the individual the right to choose his course. Politically, one conceives of human government as the source and paternal *distributor* of rights, while the other thinks of it as the stern, unimpassioned interpreter and executor of rights with which man is endowed by his Creator. The former would have public authority through the clever devices of statute to take from him that hath and give indiscriminately to him that hath not. So on down through the years these two opposing philosophies or theories have been contending for mastership in all the spheres of life. Many are the names by which they might be identified according to their varying, diversified manifestations in the economic, political, social, and religious thought of our country today. I have tried only to indicate their general characteristics for the purpose chiefly of exciting your inquiry into their details and ramifications, after which you may more intelligently draw your own conclusions as to their comparative merits.

 HERE were never in history so many controversial questions to engage the public mind as there are today, and there is no escape from their consideration by those who have any interest in our common destiny. These questions are variously classified and popularly designated as moral, social, economic or political. But as a matter of fact, the fabric of our national life is so closely woven that it is difficult, and often impossible, to identify the character or quality of its fibers. Nor can it be easily determined on this account what the predominant character of any public question is. The segregation of anything tangible or intangible in a nation and a world whose human elements and activities have become so compact and interdependent has almost ceased to be a practicable undertaking. Add to these conditions of developed contact the element of speed with which we are moving, and it is not surprising that there are extraordinary quantities and abnormally visible manifestations of friction, controversy, and conflict. The atmosphere seems to have become charged with so much of the spirit of nervous impatience, of intolerance, and of revolt against the restraints of tradition, law, and

custom, that calm, dispassionate analysis and consideration of any question on its merits have passed almost out of style. It is an age of mental intemperance and of extremes in thought, where there is any thinking at all. So, the golden mean between the extremes has either vanished altogether as a practical position to occupy on any question, or has become so obscured by the fogs of intemperate discussion that one can scarcely see or reach it. The consequence is that nearly everybody has become a radical to everybody else, and the terms Modernist and Fundamentalist, Liberal and Conservative, Progressive and Reactionary, are epithets instead of descriptive words. To add to the confusion, some of those who are the most dyed-in-the-wool Fundamentalists in religion, are the most blatant Liberals in politics, while some who are immovable Conservatives in politics are the most boisterous Modernists in the religion they have or think they have. The mass tendency is to move away from where we are to somewhere else without reference to either the direction or consequences of the movement. Hence, all the vacant lots in the country are filled with discarded, partially used vehicles which have lost their power to move fast enough or whose models are out of date; while conversely, similar vacant spaces in the intellectual realm are filling up rapidly with new styles in ideas and opinions of both imported and domestic brands. In the meantime, work is becoming more and more unpopular, and the maximum of leisure the common goal.

Now, in these circumstances, I am of the opinion that the greatest of our common problems is to find the norm or golden mean between the antithetical extremes of thought and seek to adjust our attitudes to it. The chief hope for this is in the fresh streams of the intellectually prepared youth which are flowing from such institutions as this into the main current of our national life. We have no problems, individual or collective, which diligent, intelligent work and spiritual energy will not solve. Your part in the drama of practical life is first to inform yourselves at the sources of successful experience as to facts apart from theories concerning all questions of public interest. Your patient spirit of inquiry and calm, fair judgment will determine your worth to your country under these conditions. Particularly, I think, you should saturate yourselves with an appreciative knowledge and understanding of all those things which are distinctly American in our institutions and tie yourselves inseparably to them, for real progress does not demand it nor can our nation afford to abandon in its mad search for the thrills of change, those secure foundations laid by the incomparable hands of our forefathers. You should know the matchless American Constitution as you know the Lord's Prayer and the Golden Rule, the essence of both of which are in it. Anything which contravenes or does not thoroughly harmonize with the spirit and plain intent of this instrument of government, this simple prayer, and this perfect rule of life may be regarded as radical indeed and as unworthy of acceptance by any local citizen. It sometimes takes a great deal more courage to stand than to move. But when you stand, know what you are standing on, and when you move know both your direction and destination. Focus your attention upon the obligations sheet in the ledger of life rather than upon that of your rights, for it is certain that if you will look properly after your obligations your rights will take care of themselves.

FINALLY, let me admonish you again out of my reservoir of experience and the most earnest sincerities of my soul to adjust yourselves energetically to the two primary relationships already mentioned—those to your God and your Country. If you haven't a religious creed that embraces recognition of God as the continuing source of all that is good, and the obligation of obedience to His will and laws, the sooner you get one the more valid will be your claim to the confidence of your fellow-man and the more secure will be your future. Such a creed can be easily formulated by a rational mind and believing soul. For your political creed, I recommend to you as unmistakably worthy of acceptance and commitment to memory that one which has the distinction of being more nearly official and more widely known in our country than any other. Its author is the descendant of one of our great Presidents. If you will adopt it as your very own and square your political conduct consistently with all of its suggestions of belief, you will be citizens of whom your country will have just cause to be proud. With William Tyler Page, of the State of Maryland, establish in your souls and fix in your minds these meaningful words of faith:

"I believe in the United States of America as a government of the people, by the people, for the people; whose just powers are derived from the consent of the governed; a democracy in a republic; a sovereign Nation of many sovereign States; a perfect union, one and inseparable; established upon these principles of freedom, equity, justice, and humanity for which American patriots sacrificed their lives and fortunes.

"I therefore believe it is my duty to my country to love it; to support its Constitution; to obey its laws; to respect its flag; and to defend it against all enemies."

Copies of Mr. Edgerton's address may be obtained by addressing the Registrar of the University of Florida, Gainesville.

The University Record

of the

University of Florida

Bulletin of the

School of Architecture and Allied Arts

*With Announcements for the
Year 1930-31*



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The Record comprises:

The Reports of the President and the Board of Control, the Bulletin of General Information, the annual announcements of the individual colleges of the University, announcements of special courses of instruction, and reports of the University Officers.

These bulletins will be sent gratuitously to all persons who apply for them. The applicant should specifically state which bulletin or what information is desired. Address

THE REGISTRAR
University of Florida
Gainesville, Florida

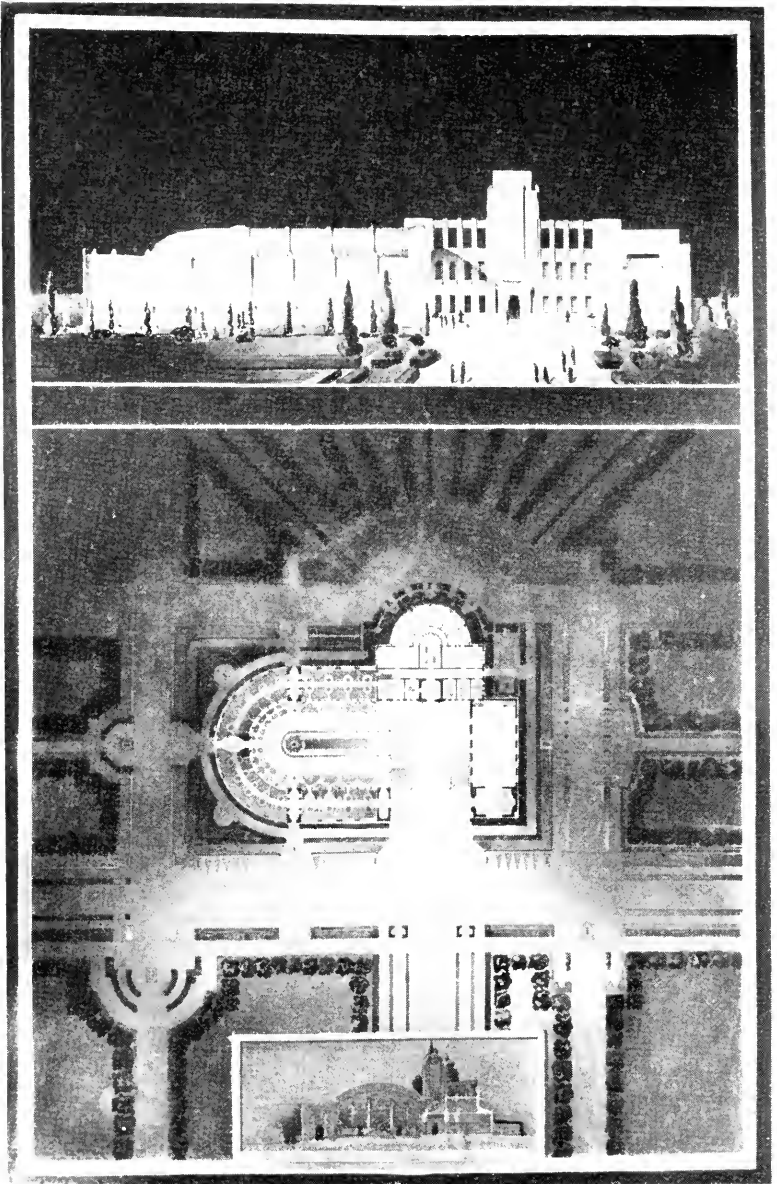
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The Committee on University Publications
University of Florida
Gainesville, Florida

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STUDENT'S WORK
BOTANICAL LABORATORY
FRANCIS W. CRAIG, '30

SCHOOL OF ARCHITECTURE AND ALLIED ARTS

ADMINISTRATIVE OFFICERS

JOHN J. TICERT, M.A. (Oxon.), Ed.D., D.C.L., LL.D., President of the University
JAMES MARION FARR, M.A., Ph.D., Vice-President, Professor of English Language and Literature
RUDOLPH WEAVER, B.S., A.I.A., Director of the School of Architecture and Allied Arts
HARLEY WILLARD CHANDLER, M.S., Director of Admissions, and Registrar
DOROTHY FOSTER, B.A., Secretary

THE FACULTY

RUDOLPH WEAVER, B.S., A.I.A., Professor of Architecture
HENRY NORTON JUNE, B.S., A.I.A., Professor in Architecture
O. C. R. STAGEBERG, B.S. Arch., Assistant Professor in Architecture
WALTER K. LONG, B.F.A., Assistant Professor of Drawing and Painting
FRED T. HANNAFORD, B.A., Instructor in Architecture
WILLIAM T. ARNETT, B.S. Arch., Graduate Assistant

OTHER DEPARTMENTS

A list of faculty members in other colleges which offer courses required by but not taught in the School of Architecture and Allied Arts can be found in the bulletins of the Colleges which administer those subjects. Such courses are listed on page 15 et seq.

GENERAL INFORMATION

HISTORY

The University authorities established a School of Architecture in the fall of 1925, offering for the first time in Florida a four-year curriculum leading to the degree of Bachelor of Science in Architecture. Following the successful operation of these architectural courses there was a growing demand for additional instruction in drawing, design, painting and other related subjects. The scope of the work was therefore enlarged, and on May 15, 1929, the name was changed to The School of Architecture and Allied Arts, which was established as an independent division of instruction having a Director responsible only to the President.

LOCATION

The University is located in the north central part of Florida in the attractive city of Gainesville with its principal avenues lined with broad oak trees or palms. The famous Dixie Highway skirts the campus. This highway makes the University easily accessible by motor from all parts of the country. The Atlantic Coast Line and The Seaboard Air Line give railroad service, and there is a landing field for aeroplanes.

CLIMATE

The State of Florida is far-famed for its all-year round climate. This magnificent and almost exclusive feature, which is attracting people to the state in such large numbers, permits the comfortable conduct of outdoor classes and year round outdoor athletic events.

QUARTERS AND EQUIPMENT

The School is located in Peabody Hall. The drafting rooms occupy the entire third floor. The offices of the Architect to the State Board of Control are on the second floor and cooperation between this office and the School is such that the student may at any time see the practical operation of an architect's office and observe the construction of the buildings which are constantly being erected on the campus.

The University Library contains a splendid selection of books related to Architecture and the Allied Arts. This library is augmented yearly by state appropriation, by private donations, and by the State Board of Architecture, which turns over to the School for library purposes all surplus funds derived from fees paid by those who take the examination to practice in Florida. This fund is a great help in building up a first class research library not only for the use of students but for practicing architects whose personal libraries may be inadequate for their uses.

The collection of casts, lantern slides, photographs, models and building materials is being constantly increased for instructional use in freehand drawing, history, theory and construction. There is also a projection lantern with

a daylight screen, which can be set up anywhere without the necessity of a darkened lecture hall.

COURSES OF STUDY AND DEGREES

The courses in Architecture are for those students who desire to become architects or to enter some related field of endeavor in which beauty is combined with utility. The demand for buildings for many uses, their decoration, furnishing and equipment has always been one of the principal activities of the human race, and this demand increases as civilization becomes more complex. This need requires a continuous supply of trained designers and craftsmen in the major art of building and the minor arts of its accessories. It is the aim of this course to prepare students to enter these fields as draftsmen, designers, inspectors and superintendents of construction, specification writers, teachers, etc., and ultimately as general practitioners or specialists in their chosen field.

There is a four-year course leading to the degree of Bachelor of Science in Architecture and a special course for mature students for which a certificate is given.

The demand for other courses in the arts has been met by the introduction of a curriculum which, in progressive stages, prepares the student to enter the fields of Advertising Design, Illustration and Mural Painting. Upon the completion of the four-year curriculum the degree of Bachelor of Fine Arts is given.

SUMMER SESSION

The University conducts a summer session which may be taken advantage of by students who have enough credit for entrance to the freshman class, students who have failed in some subject, and by those who desire to get as much training as possible in the few years which they can devote to their university studies.

RELATED SUBJECTS

The student in Architecture may find in the curricula of other colleges interesting and related subjects for electives such as Landscape Design, given in the College of Agriculture, and other subjects offered by the College of Engineering and other divisions of the University.

STUDENT WORK

All drawings prepared in the School or submitted for degrees, diplomas, or prizes become the property of the School, and the students register for courses and submit their work on this understanding. In practice, however, the School retains only a few of the best drawings for exhibition purposes and the drawings so honored may be lent to the student when he requires them for any special purpose.

Each student who completes the four year course in Allied Arts is required to make one representative piece of work in his particular medium and field.

This work is dedicated to the School and may become a part of the permanent collection.

SPECIAL LECTURES

Prominent men from related fields of endeavor and from the various chapters of the American Institute of Architects and The Florida Association of Architects are invited to give lectures which are intended to acquaint the student with the best professional thought and with the culture of our times.

F. A. A. MEDAL

The Florida Association of Architects has awarded a gold medal annually to the student doing the best work throughout the year. The Association has also created a loan fund for deserving and needy students.

STUDENT ORGANIZATIONS

If the student completes his first two years' work with an average of 1.5 quality points, he becomes eligible for membership in the Gargoyle Club. This club has as its purposes the unification of the student group, the development of leadership, the encouragement of creative effort, and the appreciation of the fine arts.

Students of the School are eligible to various national honor societies. See the *Bulletin of General Information*.

FEES

There is no tuition fee for the School of Architecture and Allied Arts. Laboratory fees for the various courses involving the use of the drafting rooms and equipment are as specified in the descriptions of courses. For other expenses see the *Bulletin of General Information*.

ADMISSION TO THE UNIVERSITY

For general requirements on admission to the University see pp. 26, 27 and 28 of the *Bulletin of General Information* for the year 1930-31. For convenience the specified entrance units are repeated here plus the additional units required for each course of study.

For the course leading to the degree of Bachelor of Science in Architecture:

English	3
Algebra	1½
Plane Geometry	1
Solid Geometry	½
Trigonometry	½
History	1
Science (Physics)	1
Foreign Language	2
Approved Electives	5½
	<hr/>
Total	16

If a candidate for admission presents one additional unit in history and one additional unit in science, or if he presents two additional units in either history or science, he need not present a foreign language.

A student may be registered for the freshman year conditioned in solid geometry, trigonometry, and physics, but he will not be registered for the sophomore year until all conditions in entrance are removed.

For the course leading to the Degree of Bachelor of Fine Arts:

English	3
Algebra	1
Plane Geometry	1
History	1
Science	1
Foreign Language	2
Approved Electives	7
	16
Total	16

If a candidate for admission presents one additional unit in history and one additional in science, or if he presents two additional units in either history or science he need not present a foreign language.

ADULT SPECIAL STUDENTS

A mature student 21 years of age or more may pursue a special two or three year course of study, providing he can satisfy the Director that he is adequately prepared and has good reasons for desiring to pursue such a course of study. Special courses do not lead to a degree, but a certificate is given at the completion of either two or three years' work.

ADVANCED STANDING

For admission to advanced standing see General Bulletin for 1929-30, p. 32.

GRADUATE STUDY

The Graduate School offers the degree of Master of Arts in Architecture. Graduates of the University of Florida or of other institutions of like rank who have a satisfactory record, including the required foundation courses, are eligible for admittance to the Graduate School. For further information write to the Dean of the Graduate School.

ARCHITECTURAL REGISTRATION AND PRACTICE

A graduate in the four-year course in Architecture may become registered to practice in the State of Florida, providing he has also obtained two years' experience in professional practice and conforms to all the formalities incident to registration.

CURRICULA

THE CURRICULUM IN ARCHITECTURE

Leading to the degree Bachelor of Science in Architecture

First Semester		Second Semester	
Names of Courses	Credits	Names of Courses	Credits
Freshman Year			
Ae. 101—Architectural Design	3	Ae. 102—Architectural Design	3
Ae. 121—Freehand Drawing	2	Ae. 112—Elements of Beauty	1
Ae. 123—Geometrical Drawing	3	Ae. 122—Freehand Drawing	2
Eh. 101—Rhetoric and Composition.....	3	Ae. 124—Geometrical Drawing	2
Ms. 101—College Algebra	3	Eh. 102—Rhetoric and Composition....	3
Modern Language—French, German or Spanish	3	Ms. 102—Plane Analytic Geometry....	3
My. 101—Infantry	2	Modern Language—Continued	3
Pl. 101—Gymnastics	1	My. 102—Infantry	2
		Pl. 102—Gymnastics	1
	20		20
Sophomore Year			
Ae. 201—Architectural Design	2	Ae. 202—Architectural Design	3
Ae. 221—Freehand Drawing	2	Ae. 222—Freehand Drawing	2
Ae. 225—Elementary Water Color.....	2		
Ae. 227—Perspective	2	Ae. 232—History of Architecture.....	2
Ae. 231—History of Architecture.....	2	Ps. 112—General Physics Lecture.....	3
Ps. 111—General Physics Lecture.....	3	Ps. 114—General Physics Demonstration	1
Ps. 113—General Physics Demonstration	1	Language—Continued	3
Language—English or Foreign.....	3	My. 202—Infantry	2
My. 201—Infantry	2	Ms. 254—Calculus	5
	19		21
Junior Year			
Ae. 301—Architectural Design	5	Ae. 302—Architectural Design	4
		Ae. 310—Residence Design	1
Ae. 321—Freehand Drawing	2	Ae. 311—Theory of Composition	1
Ae. 331—History of Architecture.....	2	Ae. 326—Water Color	2
Ae. 351—Building Construction	3	Ae. 332—History of Architecture.....	2
ML 315—Applied Mechanics	5	Ae. 352—Building Construction	3
		ML 316—Applied Mechanics	4
Cl. 101—Surveying	2	Cl. 308—Graphic Statics	2
	19		19
Senior Year			
Ae. 401—Architectural Design	6	Ae. 402—Architectural Design	6
Ae. 435—Decorative Arts	1	Ae. 416—Professional Practice	1
Ae. 455—Working Drawings	3	Ae. 454—Concrete Design	3
		Ae. 464—Heating and Ventilation.....	1
Cl. 403—Structural Engineering	3	Ae. 466—Electric Lighting	1
Es. 307—Introduction to Economics....	3	Ae. 468—Plumbing	1
Elective—Modeling suggested	2	Cl. 404—Structural Engineering	4
	18	Eh. 412—Engineering Exposition	1
			18

CURRICULA

THE CURRICULUM IN PAINTING

Leading to the degree Bachelor of Fine Arts

First Semester		Second Semester	
Names of Courses	Credits	Names of Courses	Credits
Freshman Year			
Ae. 121—Freehand Drawing	2	Ae. 122—Freehand Drawing	2
Pg. 113—Pictorial Composition	2	Ae. 112—Elements of Beauty.....	1
Pg. 103—Poster Design	2	Pg. 114—Pictorial Composition	2
Pg. 101—Abstract Design	2	Pg. 104—Poster Design	2
Pg. 105—Advertising Design	2	Pg. 102—Abstract Design	1
Pg. 115—Principles of Commercial Art	1	Pg. 106—Advertising Design	2
Eh. 101—Rhetoric and Composition.....	3	Eh. 102—Rhetoric and Composition....	3
Hy. 101—Europe During Middle Ages 3		Hy. 102—Europe During Middle Ages 3	
My. 101—Infantry	2	My. 102—Infantry	2
Pl. 101—Gymnastics	1	Pl. 102—Gymnastics	1
	19		19
Sophomore Year			
Ae. 221—Freehand Drawing	2	Ae. 222—Freehand Drawing	2
Ae. 225—Water Color	2	Ae. 226—Water Color	2
Ae. 227—Perspective	2	Ae. 228—Modeling	2
Pg. 203—Poster Design	2	Pg. 226—Anatomy	2
Pg. 213—Pictorial Composition	2	Pg. 214—Pictorial Composition.....	2
Pg. 223—Oil Painting Studio.....	3	Pg. 221—Oil Painting Studio	3
Hy. 201—Modern European History....	3	Hy. 202—Modern European History....	3
My. 201—Infantry	2	My. 202—Infantry	2
	18		18
Junior Year			
Ae. 321—Freehand Drawing	2	Ae. 322—Architectural History	2
Ae. 323—Architectural History	2	Pg. 214—Pictorial Composition	2
Pg. 313—Pictorial Composition	2	Pg. 328—Sketch	2
Pg. 323—Oil Painting Studio	3	Pg. 324—Oil Painting Studio.....	3
Pg. 321—Illustration	2	Pg. 322—Illustration	2
Pg. 325—Anatomy	2	Pg. 326—Anatomy	2
Electives	6	Electives	6
	18		18
Senior Year			
Ae. 521—Advanced Freehand Draw- ing	2	Pg. 411—Pictorial Composition.....	2
Ae. 435—Decorative Art	1	Pg. 421—Oil Painting Studio.....	4
Pg. 413—Pictorial Composition	2	Pg. 408—Research Design	3
Pg. 423—Oil Painting Studio	4	Pg. 432—American Art History.....	1
Pg. 407—Research Design	3	Thesis	2
Pg. 411—Aesthetics	1	Electives	6
Electives	6		
	19		18

DEPARTMENTS OF INSTRUCTION

Subjects with odd numbers are given in the first semester and subjects with even numbers are given in the second semester unless the number begins with 0 in which case the reverse is true.

The number of hours given is the number of hours which the class meets per week.

The number of credits is the number of semester credit hours earned by each student who receives a passing grade (A, B, C, or D) when the subject is completed. Unless specifically stated credit may be obtained for one semester of a year course.

Subjects numbered 200 or above are not open to freshmen; subjects numbered 300 or above are not open to sophomores; subjects numbered 400 or above are not open to juniors; subjects numbered 500 or above are for graduate students.

The abbreviations used are wherever possible the first and last letter of the first word of the department name. Occasionally, a third central letter is demanded to distinguish between departments where first and last letters are identical.

ARCHITECTURE

Ae. 101-102.—Architectural Design. 9 hours drafting with occasional lectures. 6 credits. Weaver assisted by Arnett.

Beginning course in Architecture. Small problems in design using only the wall, roof, pier and beam as structural elements. Simple decorative elements. Lectures on composition.

Second semester a continuation with larger problems and some emphasis on research, draftsmanship and rendering.

Laboratory fee: \$1 per semester.

Ae. 112.—Elements of Beauty. 1 hour. 1 credit. Weaver.

A discussion of the principles of beauty as manifested in nature. Lectures on the use of these principles in Architecture. Special lectures are given on the drama, poetry, music and other arts. Assigned readings and reports.

Ae. 121-122.—Freehand Drawing. 6 hours drawing. 4 credits. Long.

First third of semester devoted to outdoor sketching in pencil. Remainder of semester, charcoal drawing from casts and still life.

Laboratory fee: \$1 per semester.

Ae. 123.—Geometrical Drawing. 1 hour and 6 hours drafting. 3 credits. June.

Descriptive Geometry with architectural problems which use the principles studied. Drafting technique.

Ae. 124.—Geometrical Drawing. 6 hours drafting. 2 credits. June.

A continuation of Ae. 123. Shades and shadows; additional problems in projection. Elementary perspective.

Ae. 201.—Architectural Design. 6 hours drafting. 2 credits. Stageberg.

A continuation of Ae. 102. Design of minor buildings in plan, elevation, section and details.

Prerequisite: Ae. 102.

Laboratory fee: \$2.

Ae. 202.—Architectural Design. 9 hours drafting. 3 credits. Stageberg.

A continuation of Ae. 201. Planning and composition, research and draftsmanship.

Prerequisite: Ae. 201.

Laboratory fee: \$2.

Ae. 221-222.—Freehand Drawing. 6 hours drawing. 4 credits. Long.

Outdoor sketching and charcoal drawing from the cast during the first semester. Cast drawing continued in second semester with last third devoted to compositions of archaeological material drawn in charcoal.

Prerequisite: Ae. 122.

Laboratory fee: \$1 per semester.

Ae. 225-226.—Elementary Water Color. 6 hours studio with occasional lectures. 4 credits. Long.

Color theory and methods of applying water color. Still life and simple landscapes.

Prerequisite: Ae. 122.

Laboratory fee: \$1 per semester.

Ae. 227.—Perspective. 1 hour and 3 hours drafting. 2 credits. Stageberg.

A discussion of the phenomena of perspective and methods of representing distance, followed by drawing architectural perspectives.

Prerequisites: Ae. 102, Ae. 124.

Ae. 228.—Modeling. 6 hours studio. 2 credits. Long.

Modeling architectural forms in clay. Original problems in mass composition. Elective for architectural students.

Laboratory fee: \$1.

Ae. 231-232.—History of Architecture. 2 hours. 4 credits. Stageberg.

Egyptian, Assyrian, Persian, Greek, Roman, Early Christian, and Byzantine architecture. Historical and other influences. Materials and methods of construction. Lectures, assigned readings and drawings.

Ae. 231 prerequisite to Ae. 232.

Ae. 301.—Architectural Design. 15 hours drafting. 5 credits. Stageberg.

A continuation of Ae. 202. Plans, elevations, sections. Rendered studies. Sketch problems.

Prerequisite: Ae. 202.

Laboratory fee: \$2.

Ae. 302.—Architectural Design. 15 hours drafting first 14 weeks of semester. 4 credits. Stageberg.

Continuation of Ae. 301. Larger problems.

Prerequisite: Ae. 301.

Laboratory fee: \$2.

Ae. 310.—Residence Design. 15 hours drafting last 3 weeks of semester. 1 credit. Stageberg.

Planning of houses from the point of view of use and the social habits of the owner. Arrangement of furniture and location of kitchen equipment.

Prerequisite: Ae. 301.

Ae. 314.—Theory of Composition. 1 hour. 1 credit. Weaver.

Lectures on architectural composition with assigned reading and required sketches.

Prerequisite: Junior standing.

Ae. 321.—Freehand Drawing. 6 hours studio. 2 credits. Long.

Life. Charcoal sketching alternating with quick pencil sketching from action poses. Careful charcoal figure studies.

Prerequisite: Ae. 222.

Laboratory fee: \$1.

Ae. 326.—Water Color. 6 hours studio. 2 credits. Long.

Application of principles covered in Ae. 225. Still life, landscape, architectural rendering.

Prerequisite: Ae. 225.

Laboratory fee: \$1.

Ae. 331-332.—History of Architecture. 2 hours. 4 credits. June.

Romanesque, Gothic, Renaissance and Modern Architecture. Reference reading and sketching.

Prerequisite: Ae. 232.

Ae. 351-352.—Building Construction. 2 hours and 3 hours drafting. 6 credits. Stageberg.

The nature and properties of building materials. Methods of construction.

Prerequisite: Ae. 202, Ae. 124.

Ae. 401-402.—Architectural Design. 18 hours drafting. 12 credits. June.

Advanced Architectural Design covering the more complex problems of planning and composition.

Prerequisite: Ae. 302.

Laboratory fee: \$4 per semester.

Ae. 416.—Professional Practice. 1 hour. 1 credit. Weaver.

Lectures on the ethics and methods of modern practice.

Prerequisite: Senior standing.

Ae. 435.—Decorative Arts. 1 hour. 1 credit. Long.

A brief study of the decorative arts allied with Architecture. Lectures with assigned reading and research plates.

Prerequisites: Ae. 326, Ae. 332.

Ae. 454.—Concrete Design. 2 hours and 3 hours drafting. 3 credits. Hannaford.

Reinforced concrete design of typical architectural problems.

Prerequisites: Cl. 306, Ml. 315 and Ml. 316.

Ae. 455.—Working Drawings. 9 hours drafting. 3 credits. June.

The preparation of scale drawings and details as issued to the builder in actual practice.

Prerequisite: Ae. 352.

Ae. 464.—Heating and Ventilating. 3 hours, first $\frac{1}{3}$ of semester. 1 credit. Yeaton.

Lectures and exercises in architectural problems.

Prerequisite: Ae. 455.

Ae. 466.—Electric Lighting. 3 hours, second $\frac{1}{3}$ of semester. 1 credit. Weil.

Illumination and wiring of buildings. Lectures and problems.

Prerequisite: Ae. 455.

Ae. 468.—Plumbing. 3 hours, last $\frac{1}{3}$ of semester. 1 credit. Taylor.

Hot and cold water supply; drainage and sewage disposal; Plumbing methods, materials, and fixtures.

Prerequisite: Ae. 455.

GRADUATE COURSES

For descriptions of the following courses see the Bulletin of Graduate School:

- Ae. 501-502.—Architectural Design.**
Ae. 521-522.—Advanced Freehand Drawing.
Ae. 525-526.—Advanced Water Color.
Ae. 531-532.—Historical Research.
Ae. 551-552.—Building Construction.

CIVIL ENGINEERING

Administered in the Engineering College

- Cl. 101.—Surveying.** 1 hour and 3 hours field and drawing-room work.
 2 credits. Lowe.

Recitations on the use of chain, compass, transit, and level; determination of areas, and instrumental adjustments. Field work in chaining, leveling, compass and transit surveys. Drawing room work in calculations from field notes, and map-drawing.

Prerequisite: Ms. 85.

Laboratory fee: \$3.

- Cl. 308.—Graphic Statics.** 1 hour and 3 hours drawing-room work. 2 credits. Reed.

Recitations and drawing room exercises in the computation of forces; the plotting of diagrams in elementary graphics and roof-truss; design of a roof-truss.

- Cl. 403-404.—Structural Engineering.** First semester, 2 hours and 3 hours drawing-room work; second semester, 2 hours and 6 hours drawing room work. 7 credits, divided 3-4. Reed.

Recitations and drawing room work in the graphic analysis of girders and bridge trusses. Theory and design of wooden and steel roof trusses; highway and railroad bridges; foundations. Theory and computations of stresses in various types of bridges and buildings. Drawing room design.

Prerequisites: **MI. 315, MI. 316, and Cl. 308.**

ECONOMICS

Administered in the College of Commerce and Journalism

- Es. 307.—Introduction to Economics.** 3 hours. 3 credits. Bigham, Chace.

A brief study of our economic organization and the principles involved in economic activities.

ENGLISH

Administered in the College of Arts and Sciences

- Eh. 21.—Minimum Essentials of English.** 3 hours. No credit. Robertson and staff.

An elementary course in fundamentals of grammar, punctuation and sentence construction, designed to meet the needs of freshmen deficient in preparatory English. For such deficient students this course is prerequisite to English 101. Entry to the course will be determined by examinations to be given all entering freshmen during Freshman Week.

Required of all freshmen who, upon entering the University, are found deficient in minimum essentials of high school English.

Eh. 101-102.—Rhetoric and Composition. 3 hours. 6 credits. No credit toward a degree will be allowed until the entire 6 credits are earned. Robertson and staff.

To train students in methods of clear and forceful expression. Instruction is carried on simultaneously in formal rhetoric, and in theme writing.

Required of all freshmen.

Eh. 411-412.—Engineering Exposition. 1 hour. 2 credits. No credit toward a degree will be allowed until the entire 2 credits are earned. Farris.

A special course for Engineering students in the various kinds of writing needed in their profession.

Required of Engineering seniors.

No credit for this course is given to students in the College of Arts and Sciences.

HISTORY

Administered in the College of Arts and Sciences

Hy. 101.—Europe During the Middle Ages. 3 hours. 3 credits. No credit toward a degree will be allowed until credit in Hy. 102 is earned. Leake and staff.

A course in the history of Western Europe from 476 to the Crusades.

Required of all freshmen in the course leading to the degree Bachelor of Arts.

Hy. 102.—Europe during the Middle Ages. 3 hours. 3 credits. Leake and staff.

A continuation of Hy. 101 covering the period from the Crusades to the Renaissance and Reformation.

Hy. 101 and 102 are prerequisites for all higher courses in history.

Required of all freshmen in the course leading to the degree Bachelor of Arts.

MATHEMATICS

Administered in the College of Arts and Sciences

Ms. 101.—College Algebra. 3 hours. 3 credits. Simpson and staff.

A study of the quadratic equation, proportion, progressions, the binomial theorem, functions, graphs, theory of equations, permutations, combinations, probability, and determinants. Textbook: Harding and Mullins, **College Algebra**.

Prerequisite: Ms. 85.

Ms. 102 or 0102.—Plane Analytic Geometry. 3 hours. 3 credits. Simpson and staff.

The algebraic study of the figures of geometry and the plane sections of a cone. Systems and transformation of coordinates. Textbook: Curtiss and Moulton, **Analytic Geometry**.

Prerequisite: Ms. 101.

Ms. 254.—Calculus. Differential and Integral. 5 hours. 5 credits. Huffman.

Special course for Architectural students.

Prerequisite: Ms. 101, Ms. 102.

MECHANICAL ENGINEERING

Administered in the College of Engineering

ME. 315-316.—Applied Mechanics. 4 hours and two hours laboratory. 9 credits divided (5-4). Yeaton.

(a) Static, embracing the resolution of forces and moments; equilibrium as applied to trusses, machines, etc., centers of gravity and moments of inertia of areas. (b) Mechanics of materials; stresses and deformations in beams, columns, pipes, machine and structural parts, with various methods of loading.

Prerequisite: **Ms. 254.**

Laboratory fee: \$1.

PAINTING

Pg. 101-102.—Abstract Design. 3 hours studio. 2 credits. Long.

Principles of design: problems in space filling; developing of simple decorative units, balance of line, mass and color; organic growth of pattern.

Laboratory fee: \$1 per semester.

Pg. 103-104.—Poster Design. 3 hours studio, 3 hours preparation. 4 credits. Long.

Analysis of the essentials of a good poster. Methods of handling tempera color and other mediums. Practical designing of poster for commercial purposes.

Laboratory fee: \$1 per semester.

Pg. 105-106.—Advertising Design. 6 hours studio. 4 credits. Long.

Designing of original advertisements and a study of the methods and mediums employed in making drawings for reproduction.

Laboratory fee: \$1 per semester.

Pg. 113-114.—Pictorial Composition. 1 hour criticism. 5 hours outside drawing. 4 credits. Long.

Principles of picture building in black and white. Beginning with simple arrangements of lines, spaces, and dark and light. Problems are assigned and the solutions criticised during the class room hour.

Laboratory fee: \$1.

Pg. 115.—Principles of Commercial Art. 1 hour. 1 credit. Long.

Adaptation of art to express commercial value. Relative character of the object and its graphic representation.

Required of first year Allied Arts students.

Pg. 203.—Poster Design. 3 hours studio with outside preparation. 2 credits. Long.

Continuation of Pg. 103-104 with emphasis placed upon the lettering.

Prerequisite: **Pg. 104.**

Pg. 213-214.—Pictorial Composition. 1 hour criticism. 5 hours outside drawing. 4 credits. Long.

Continuation of Pg. 113-114. Attention is given to figures and interiors. Color is introduced with problems in color harmony, balance, rhythm and contrast.

Prerequisite: **Pg. 114.**

Pg. 223-224.—Oil Painting. 9 hours studio. 6 credits. Long.

Theory of pigment color. Still life studies in full color. Arrangement and character of various objects. Simple landscape studies.

Prerequisite: **Ae. 122.**

Laboratory fee: \$1.

Pg. 226.—Anatomy. 1 hour criticism. 3 hours outside drawing. 2 credits. Long.

A complete study of the human body. Use of figures in compositions. Notebook and outside drawings in color required.

Prerequisite: Ae. 221.

Pg. 313-314.—Pictorial Composition. 1 hour criticism. 3 hours outside drawing. 4 credits.

Continuation of Pg. 213-214. Particular stress placed on the composition of figures. Charcoal and black and white tempera are used.

Prerequisite: Pg. 214.

Pg. 321-322.—Illustration. 6 hours studio. 4 credits.

Book and magazine illustration employing figures. Design and technique.

Prerequisite: Ae. 222.

Laboratory fee: \$1 each semester.

Pg. 323-324.—Oil Painting Studio. 9 hours studio. 6 credits.

Continuation Pg. 223-224. Painting from the model. Introduction to portraiture. Action and expression of body emphasized.

Prerequisite: Pg. 224.

Laboratory fee: \$1.

Pg. 325-326.—Anatomy. 1 hour criticism. 5 hours outside drawing. 4 credits.

Continuation of Pg. 226. Anatomical drawings in full color. Choice of medium.

Prerequisite: Pg. 226.

Pg. 328.—Sketch. 6 hours studio. 2 credits.

Drawing in charcoal, pencil, and color from the costumed model.

Prerequisites: Ae. 321, Pg. 325.

Laboratory fee: \$1.

Pg. 407-408.—Research Design. 9 hours studio. 6 credits.

Research in the field in which the student majors. Original presentation of problems assigned.

Prerequisite: Senior standing.

Laboratory fee: \$1.

Pg. 411.—Aesthetics. 1 hour. 1 credit.

A study of the reciprocal relationship of the fine arts.

Prerequisite: Senior standing.

Pg. 413-414.—Pictorial Composition. 1 hour criticism. 5 hours outside drawing. 4 credits.

Continuation of Pg. 313-314. Mural compositions in full color.

Prerequisite: Pg. 314.

Pg. 423-424.—Oil Painting Studio. 12 hours studio. 8 credits.

Continuation of Pg. 323-324. Advanced figure, portrait and landscape painting. Finished pieces required in the student's major field.

Prerequisite: Pg. 324.

Laboratory fee: \$2.

Pg. 432.—American Art History. 1 hour, 1 credit.

Illustrated lectures. A brief history of the visual arts in America. Current art, today's artists, and the public demand discussed.

Prerequisite: Junior standing.

PHYSICS

Administered in the College of Arts and Sciences

Ps. 111.—Elementary Theory of Mechanics and Heat. 3 hours. 3 credits.

A college course designed to meet the needs of the general student.

Required of agriculture, architecture, Bachelor of Science, and pre-medical students.

Ps. 112.—Elementary Theory of Sound, Light, and Electricity. 3 hours. 3 credits.

A college course designed to meet the needs of the general student.

Required of architecture, Bachelor of Science, and pre-medical students.

Ps. 113-114.—Lecture Demonstration Course. 1 hour. 2 credits. No credit toward a degree will be allowed until the entire 2 credits are earned.

Demonstration lectures designed to supplement Ps. 111 and 112 and should be taken by all students electing those courses.

Required of architecture, Bachelor of Science, and pre-medical students.

THE UNIVERSITY CALENDAR

1930-31

The Summer Session

1930

June 16, Monday.....	Summer Session begins.
June 28, Saturday.....	Last day for filing application for degree at the end of the summer session.
July 4, Friday.....	Independence Day, a holiday.
July 14, Monday.....	Last day to make graduate applications.
July 23, Wednesday.....	Last day for submitting theses to the Graduate Committee.
August 6, Wednesday 8:00 p.m.....	Summer Session Commencement Convocation.
August 8, Friday 5:00 p.m.....	Summer Session ends.
August 18, Monday.....	Farmers' Week begins.
August 30, Saturday.....	Last day for filing applications for fall re-examinations.

First Semester

September 11-13, Thursday to Saturday.....	Entrance examinations.
September 15, 16, 17, Monday thru Wednesday.....	Re-examinations.
September 15-19, Monday thru Friday.....	Freshman registration and orientation, including Engineering Qualifying Examination and other tests. (A special program of the routine of this week will be available by June 1, 1930.) All freshmen must be present at the University Auditorium at 11:00 o'clock a.m. Monday, September 15, or they will not be registered during that week and will be required to pay the fees for late registration.
September 18-19, Thursday and Friday.....	Registration for upperclassmen.
September 22, Monday 8:00 a.m.....	Classes meet for the first time.
September 29, Monday 8:00 a.m.....	Changes in courses—fee \$2.00.
October 6, Monday 7:00 p.m.....	Meeting of the General Faculty.
October 11, Saturday 12:00 noon.....	Registration for classes in the first semester closes. Last day for making applications for degrees at the end of the first semester.
October 17, Friday, 5:00 p.m.....	All freshmen grades due in the office of the Registrar.
October 18, Saturday 12:00 noon.....	Last day for dropping courses without grade. Annual Dad's Day and Homecoming.

May 31, Sunday 11:00 a.m.....	Baccalaureate Sermon.
June 1, Monday 10:00 a.m.....	Commencement Convocation.
June 1, Monday 1:00 p.m.	Annual Alumni Luncheon and Meeting.
June 1, Monday	Boys' Club Week begins.
June 15, Monday	Summer Sessions begins.
August 7, Friday	Summer Session ends.
September 21, Monday	Registration for 1931-32 session.

Entrance Examinations

Entrance examinations for admission to the various colleges of the University will be conducted for students whose credits do not meet the requirements.

Candidates wishing to take any of these examinations should notify the Registrar in writing, not later than September 1, January 15, June 1, or June 20.



The University Record

of the

University of Florida

*Bulletin of the
College of Engineering*

*With Announcements for the
Year 1930-31*



Vol. XXV, Series I No. 10

July 1, 1930

*Entered in the post office in Gainesville as second class matter,
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The University Record of the University of Florida is issued once every month except June, when it is issued six times.

The Record comprises:

The Reports of the President and the Board of Control, the Bulletin of General Information, the annual announcements of the individual colleges of the University, announcements of special courses of instruction, and reports of the University Officers.

These bulletins will be sent gratuitously to all persons who apply for them. The applicant should specifically state which bulletin or what information is desired. Address

THE REGISTRAR
University of Florida
Gainesville, Florida

Research Publications.—Research publications will contain results of research work. Papers are published as separate monographs numbered in several series.

There is no free mailing list of these publications. Exchanges with institutions are arranged by the University Library. Correspondence concerning such exchanges should be addressed to the University Librarian, University of Florida, Gainesville, Florida. The issue and sale of all these publications is under the control of the Committee on Publications. Requests for individual copies, or for any other copies not included in institutional exchanges, should be addressed to the University Bookstore, University of Florida, Gainesville, Florida.

The Committee on University Publications
University of Florida
Gainesville, Florida

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THE COLLEGE OF ENGINEERING
FACULTY

ADMINISTRATION

- JOHN JAMES TIGERT, M.A. (Oxon.), Ed.D., D.C.L., LL.D., President
JAMES MARION FARR, M.A., Ph.D., Vice-President, Professor of English Language and Literature
PERCY LAWRENCE REED, C.E., M.S., Acting Dean of the College of Engineering, and Professor of Civil Engineering.
MRS. JEANNETTE B. JERNIGAN, Secretary to the Dean.

CHEMICAL ENGINEERING

- WALTER HERMAN BEISLER, M.S., D.Sc. (Princeton), Professor of Chemical Engineering.
..... Graduate Assistant.

CIVIL ENGINEERING

- PERCY LAWRENCE REED, C.E., M.S., Head of the Department and Professor of Civil Engineering.
CHARLES CARROLL BROWN, C.E., M.A., Acting Associate Professor of Civil Engineering.
THOMAS MARVEL LOWE, S.B., Assistant Professor of Civil Engineering.
WILLIAM LINCOLN SAWYER, B.S., Instructor in Civil Engineering.
ROBERT WINSTON HART, B.S.C.E., Graduate Assistant.

DRAWING AND MECHANIC ARTS

- ALBERT J. STRONG, B.S.M.E., Head of the Department and Professor of Drawing and Mechanic Arts.
SILAS KENDRICK ESHLEMAN, JR., M.E., M.S., Assistant Professor of Drawing and Mechanic Arts.
EDGAR SMITH WALKER, Colonel, U. S. Army (Retired), Instructor in Drawing.
JOHN H. HERDER, B.S.M.E., Instructor in Drawing and Mechanic Arts.

ELECTRICAL ENGINEERING

- JOSEPH WEIL, B.S.E.E., M.S., Head of the Department and Professor of Electrical Engineering, and Head of Engineering Division, State Radio Station WRUF.
ANGELO MARIO MARZULLI, B.S.E.E., M.S., Assistant Professor of Electrical Engineering.
..... Instructor of Electrical Engineering.

MECHANICAL ENGINEERING

MELVIN PRICE, E.E., M.S., Head of the Department and Professor of Mechanical Engineering.

PHILIP OBORNE YEATON, B.S., S.B., Associate Professor of Mechanical Engineering.

WILLIAM WARRICK FINEREN, M.E., Assistant Professor of Mechanical Engineering.

....., Graduate Assistant.

OTHER DEPARTMENTS

For faculty in other departments offering courses required in the various curricula of the College of Engineering, see bulletins of College of Arts and Sciences, College of Commerce and Journalism, and College of Agriculture.

GENERAL INFORMATION

HISTORY

When the University was established in 1905 it was divided into five departments, or schools, and in one of these departments, the Technological School, courses were offered in civil, electrical, and mechanical engineering. These were four-year courses and led to the Bachelor of Science degrees in the three branches of engineering. In 1909 this school became the College of Engineering with its own dean and faculty. The Department of Chemical Engineering was established at the beginning of the collegiate year 1917-1918. The curricula have been changed from time to time and at present the courses of instruction are similar to those of other American engineering schools of college grade.

AIMS

There is a great demand for engineering graduates to fill positions, not only in engineering, but also in related occupations, and it is the aim of the College of Engineering to prepare its students to supply this demand by so selecting its courses and giving them to the student that he may become thoroughly familiar with the fundamental principles of the selected courses. Scholastic training alone cannot make a competent engineer, and it is realized that a college course must be supplemented by years of experience if the engineering graduate is to become successful in his chosen field. So far as possible, the adaptation of theory to practice is stressed in the routine work of the laboratory, drawing-room and field in order to impart such a knowledge of the usual professional practice as shall make the student useful upon graduation in any position to which he may be called.

It sometimes happens that a man can become a competent engineer thru practical experience and home study, without any systematic scientific education, but such cases are rare; and engineers of this kind are likely to be successful only in imitating the work of others, and find themselves helpless when they face new problems, since they lack an understanding of fundamental principles. The greater number of successful engineers have been thru systematic courses of study in engineering colleges. Without this training a man may succeed to a certain point, but statistics concerning positions and salaries show that in most cases he is hopelessly handicapped if he attempts to reach the higher ranks of his profession.

BUILDINGS AND EQUIPMENT

Benton Engineering Hall, 73' x 122', built of brick and tile, three stories high, provides offices and class facilities for the departments of civil engineering, physics, and military science, also laboratories for civil engineering, electrical engineering and physics. One wing, 40' x 163' one story high, is used for wood shop, blacksmith shop, forge and foundry, and another wing, 25' x 40', one story high, for the machine shop.

The new Mechanical Engineering Building, brick and concrete, three stories high, the portion completed being 42' x 118' with a wing 32' x 50'.

provides the offices of the Dean, and offices, class rooms and drawing-rooms for the departments of Electrical Engineering, Mechanical Engineering, and Drawing and Mechanic Arts. The new mechanical laboratory is also located in this building.

The general equipment for the Department of Chemical Engineering is adequate for the usual undergraduate courses in industrial chemistry and technical analysis. The Department also has equipment for metallurgy. The chemical engineering department is administered by the Department of Chemistry, which is well equipped for graduate courses.

The Department of Civil Engineering has the usual equipment for the courses in highways, hydraulics, municipal sanitation, railroads, surveying, and testing. The new 400,000 lbs. Riehle testing machine is one of the largest in the South-east.

The Department of Electrical Engineering has a dynamo laboratory equipped with standard electrical machinery of various kinds, a communication laboratory for conducting classes in telephony, telegraphy, and radio engineering, and a measurements laboratory with the necessary instruments for testing equipment. The state radio station WRUF, located on the University campus, contains a 5000 W. transmitter of the latest design, and affords students interested in radio engineering an opportunity to become familiar with the construction and operation of a modern broadcasting station.

In the Department of Mechanical Engineering, the steam and aeronautics laboratory is equipped to make gasoline and oil engine tests, heat exchange and steam experiments. An ice and cold storage plant of two tons capacity, together with an 80 h. p. Diesel engine, serve for complete refrigeration plant tests. Tests on engines, pumps, and motors are made with standard size equipment. The metallography laboratory has a polishing machine, metallographic microscope with camera, and a Brinell hardness tester.

In the Department of Drawing and Mechanic Arts the various shops are equipped with standard machines and tools for instruction in forge, foundry, patternmaking, and machine shop. A recent addition is a complete arc-welding outfit. Equipment for testing molding-sand, used for the first time this year, is a start toward teaching industrial methods of testing foundry and forge shop products.

FEES

For information regarding fees and other expenses the reader is referred to pages 36-40 inclusive, of the *Bulletin of General Information*. There are no special fees assessed students in the College of Engineering other than for laboratory subjects as shown in the section entitled, "Departments of Instruction", pages 19 to 35 inclusive, in this bulletin.

FELLOWSHIPS AND SCHOLARSHIPS

There are three fellowships of \$500 per year offered in engineering, one each in chemical, civil, and mechanical engineering. Those who receive these fellowships must devote half time as graduate assistants in the departments

concerned. There are no special scholarships for students in the College of Engineering, and for information concerning fellowships, scholarships, loans, prizes, and medals, see pages 41 to 46 inclusive, of the *Bulletin of General Information*, or write to the Dean of Students, University of Florida, Gainesville, Florida.

ENTRANCE REQUIREMENTS

Sixteen high school units are required for entrance to the College of Engineering.

In addition to the seven units required of all candidates for admission (three in English, one in algebra, one in plane geometry, one in history and one in science) two additional units are required. These additional units are one unit in advanced algebra, one half unit in solid geometry, and one half in trigonometry. The required units are as follows:

English	3
History	1
Algebra	2
Plane Geometry	1
Solid Geometry	$\frac{1}{2}$
Trigonometry	$\frac{1}{2}$
Science	1
Language	2
Approved electives	5

16

The language requirement may be waived by additional history or science credits.

A list of subjects from which the electives may be chosen, and further information concerning admission, may be found on pages 26 to 35 of the *Bulletin of General Information*. Physics has been required for the science unit, and is still preferred, but not required.

Qualifying Examinations.—Qualifying examinations in English, mathematics, and science are given all candidates for admission to freshmen engineering classes. These are in the nature of intelligence tests. Pending the provision of enlarged facilities for instruction the right is reserved to limit the number of freshmen admitted to the College of Engineering to such number as can be properly accommodated with the present facilities. This qualifying examination must be passed before a student will be registered in this course. Students having successfully completed a year's course in another college will be exempt from this examination.

SPECIAL STUDENTS

Students who wish to take special courses may be allowed to take those classes for which they are prepared but the number of such students in the College is restricted to a small percent of the total enrollment. Special courses do not lead to a degree. Persons twenty-one or more years of age who cannot satisfy the entrance requirements but who give evidence that they will profit

by the courses they may take, may under exceptional circumstances be admitted as "adult specials". The College of Engineering does not encourage registration of special students.

ADVANCED STANDING

Statements concerning advanced standing and classification may be found on page 32, *Bulletin of General Information*.

RELATION TO THE SUMMER SESSION

There are no regular courses given in the College of Engineering during the Summer Session.

CORRESPONDENCE STUDIES

There are no regular engineering subjects given thru the General Extension Division.

REGISTRATION

No student will be registered until he has had his principal file with the Registrar of the University a certified copy of his high school record, showing that the candidate has the required units for admission, or until the student has otherwise fulfilled all requirements for admission. Students presenting credit for advanced standing will not be registered until they file a transcript from the university they last attended. For further information on registration see *Bulletin of General Information*.

THE GRADING SYSTEM

Grades are recorded by means of letters.

Grade A indicates work of exceptionally high quality.

Grade B indicates work considerably above the average, but not of sufficiently high quality to justify a grade of A.

Grade C indicates work of average quality.

Grade D indicates work below the average quality but sufficiently good to merit credit in the course.

Grade E denotes unconditional failure in the course.

Grade I denotes work of passing quality but insufficient quantity.

Grade R denotes conditional failure and may be converted into a grade of D provided the student passes a reexamination with a grade at least as high as C. The grade R is given to freshmen and sophomores only. Juniors and seniors are not entitled to a grade of R or to the reexamination privilege.

Grade X denotes that the student was absent from the final examination, the reason for the absence meeting with the approval of the instructor in charge of the course.

HONOR POINTS

In order to give recognition to work of high quality, honor points are distributed as follows:

3 honor points are given for every semester credit hour which the student passes with a grade A.

2 honor points are given to the student for every semester credit hour he passes with a grade of B.

1 honor point is given to the student for every semester credit hour which he passes with a grade of C.

No honor points are given for other grades.

REQUIREMENTS FOR GRADUATION

Students desiring to earn degrees in the College of Engineering must complete the courses outlined in the curricula of the different departments and must fulfill these requirements with the standing of 1.

RULES AND REGULATIONS

A few of the more important items have been stated in this bulletin. The complete rules and regulations of the University are published in a separate bulletin entitled, *By-Laws of the University of Florida*, and copies are distributed to all who register at the University. Each student is held responsible for the observance of the rules and regulations of the University insofar as they affect him.

EMPLOYMENT FOR GRADUATES

Contacts are maintained with the leading concerns of the country who are employing college graduates and many of these companies send representatives to the University each year to interview the senior students who are candidates for degrees. The College of Engineering has been very fortunate in the matter of securing employment for its graduates.

STUDENT ORGANIZATIONS

Benton Engineering Society.—The meetings of this society are devoted to addresses or discussions on technical subjects, or on affairs of general interest. This society also serves as the medium thru which the student body of the College of Engineering takes part in debates and athletic contests with other colleges of the University, and in other student enterprises. Every student registered in the College of Engineering is eligible to membership and is expected to join.

Student Branch of the American Institute of Electrical Engineers.—Monthly meetings are held, for the discussion of topics in electrical science and its applications. Membership is open to seniors, juniors, and sophomores in the electrical engineering course, under rules established by the American Institute. Members receive the *Journal of the American Institute of Electrical Engineers*, and enjoy other privileges of that national organization.

Student Chapter of the American Society of Civil Engineers.—Monthly meetings are held. Membership is open to seniors, juniors, and sophomores in civil engineering, under rules established by the American Society of Civil Engineers. Members receive the monthly *Journal* of that society, and enjoy other privileges.

Student Branch of the American Society of Mechanical Engineers.—Monthly meetings are held. Under rules established by the American Society of Mechanical Engineers, membership is open to students who expect to go into the field of mechanical engineering. Members receive the *Journal of the American Society of Mechanical Engineers*, and enjoy other privileges of that society.

Society of Chemical Engineers.—Membership is open to students specializing in chemical engineering. Meetings are held at regular intervals at which time practical applications of chemical engineering principles are discussed.

All of these student organizations have regular programs and during the year many prominent engineers address the students on important engineering subjects.

Sigma Tau.—Sigma Tau is a national honorary engineering fraternity. Members are chosen by the fraternity from regular senior and junior students in the College of Engineering who rank in the first third of the class and show marked qualities both social and technical.

Phi Kappa Phi.—Phi Kappa Phi is a national honorary fraternity which chooses its members from all the different colleges on the campus. The Society elects annually the highest ten percent of the regular senior class in each college.

DEGREES AND REQUIREMENTS OF THE DIFFERENT CURRICULA

The College of Engineering offers professional four-year courses of study in the four fields described below. The work of the freshman year is the same for all engineering students, so that each student has the chance to choose the branch of engineering he wishes to follow before the beginning of his sophomore year.

DEGREES

The degrees given for the completion of the regular four-year courses of study are Bachelor of Science in Chemical Engineering, Bachelor of Science in Civil Engineering, Bachelor of Science in Electrical Engineering, and Bachelor of Science in Mechanical Engineering.

The degree of Civil Engineer (C.E.), Electrical Engineer (E.E.), Mechanical Engineer (M.E.), or of Chemical Engineer (Ch.E.) may be granted to a graduate of the College of Engineering upon recommendation of the head of the department in which it is sought, and with the concurrence of the faculty of the College provided the candidate submits evidence that he has had at least four years of satisfactory practical engineering experience, of which two years must be responsible experience after graduation. By responsible experience is meant work in which the candidate must use his own initiative, as distinguished from the mere rendering of routine assistance. To obtain one of these degrees, application should be made to the Dean of the College not later than March 1 preceding the commencement at which the degree may be awarded.

The four departments in the College of Engineering, under the jurisdiction of the Graduate School of the University, offer graduate courses leading to a degree of Master of Science in Engineering. It is recommended that the requirements cover a period of two years but the work may be completed in one regular academic year. For more information concerning graduate study write to the Dean of the Graduate School, University of Florida.

CURRICULA REQUIREMENTS

Curriculum for the Freshman Year for all Engineering Students

First Semester		Second Semester	
Names of Courses	Credits	Names of Courses	Credits
Freshman Year			
Ml. 101—Descriptive Geometry	2	Ml. 102—Descriptive Geometry	3
Dg. 101—Mechanical Drawing	2	Dg. 102—Mechanical Drawing	1
Eh. 101—Rhetoric & Composition	3	Eh. 102—Rhetoric & Composition	3
Ms. 151—Mathematical Analysis	3	Ms. 152—Mathematical Analysis	3
My. 103—Artillery	2	My. 104—Artillery	2
Pl. 101—Gymnastics	1	Pl. 102—Gymnastics	1
Ps. 105—Theory, General Physics	3	Ps. 106—Theory, General Physics	3
Ps. 107—Laboratory Physics	2	Ps. 108—Laboratory Physics	2
Cl. 101—Surveying or {	2	Cl. 0101—Surveying or {	2
Mc. 101—Woodworking }		Mc. 0101—Woodworking }	
	20		20

Students who present physics for the entrance credit in science will take Ps. 105, 106, 107 and 108 during the freshman year. Students who do not present physics for the entrance credit in science will take Ps. 111, 112, 113, 114, 115 and 116 during the freshman year.

CURRICULUM FOR CHEMICAL ENGINEERING

The courses in chemical engineering are designed to familiarize the student with the efficient construction and economic operation of chemical plants. The problems involved in the commercial manufacture of organic and inorganic chemicals, and the methods employed to solve these problems, are considered in detail.

First Semester		Second Semester	
Names of Courses	Credits	Names of Courses	Credits
Sophomore Year			
Cy. 101—General Chemistry	5	Cy. 110—General Chemistry	4
Gn. or Fh.—German or French	3	Gn. or Fh.—German or French	3
Ms. 251—Differential and Integral Calculus	3	Ms. 252—Differential and Integral Calculus	3
Ps. 209—Electricity and Magnetism ..	3	Cy. 232—Physical Chemistry	4
My. 203—Artillery	2	My. 204—Artillery	2
		El. 202—Elements of Electrical En- gineering	2
		El. 204—Electrical Laboratory	1
	16		19
Junior Year			
MI. 315—Applied Mechanics	5	MI. 316—Applied Mechanics	5
Cy. 361—Organic Chemistry	5	Cy. 362—Organic Chemistry	5
Cy. 203—Qualitative Analysis	4	Cy. 0305—Quantitative Analysis	5
Es. 307—Introduction to Economics ..	3		
Ms. 351—Advanced Calculus	3	Ms. 352—Advanced Calculus	3
	20		18
Senior Year			
Cy. 335—Unit Processes	3	Cy. 422—Advanced Physical Chem....	4
Cy. 441—Industrial Chemistry	3	Cy. 442—Industrial Chemistry	3
Cy. 351—Metallurgy	3	Cy. 444—Industrial Chemistry Lab- oratory	3
Cy. 415—Fuels Laboratory	2	MI. 410—Human Engineering	2
Cl. 405—Contracts & Specifications...	2	MI. 310—Thermodynamics	3
Eh. 411—Engineering Exposition	1	Eh. 412—Engineering Exposition	1
Cl. 407—Hydraulics	3		
	17		16

The class of 1932 will take Cy. 0232 in place of Cy. 203, and will add El. 202 and El. 204 to 2nd semester senior year.

Students who take Ps. 105 to 108 during the freshman year will take Ps. 209 during the sophomore year. Students who take Ps. 111 to 116 during the freshman year will take Ps. 299 during the sophomore year.

CURRICULUM FOR CIVIL ENGINEERING

The courses in civil engineering are designed to give the student a comprehensive grasp of the principles underlying the practice of civil engineering so that upon graduation he will be prepared to fill such positions as are usually allotted to young engineers in general engineering, or in the special branches such as highway, railroad, hydraulic, sanitary, structural, and topographical engineering.

First Semester		Second Semester	
Names of Courses	Credits	Names of Courses	Credits
Sophomore Year			
Cy. 101—General Chemistry	5	Cy. 102—General Chemistry	5
		El. 202—Elements of Electrical Engineering	2
		El. 204—Electrical Laboratory	1
Ms. 251—Differential and Integral Calculus	3	Ms. 252—Differential and Integral Calculus	3
My. 203—Artillery	2	My. 204—Artillery	2
Ps. 209—Electricity and Magnetism	3	Mc. 204—Metalworking	1
Cl. 201—Surveying	4	Cl. 202—Surveying	3
	17		17
Junior Year			
Ml. 315—Applied Mechanics	5	Ml. 316—Applied Mechanics	5
Es. 307—Introduction to Economics.....	3	Bcy. 308—Sanitary Laboratory Prac- tice	3
		Cl. 306—Graphic Statics	4
Cl. 303—Highways	2	Cl. 304—Highways	2
Ms. 351—Advanced Calculus	3	Ms. 352—Advanced Calculus	3
Ml. 319—Materials of Engineering.....	2		
Cl. 301—Railroads	3	Cl. 302—Railroads	2
	18	Cl. 310—Testing Laboratory	1
			20
Senior Year			
Cy. 215—Water and Sewage	3 ¹ / ₂	Cl. 412—Concrete Design	3
Cl. 405—Contracts and Specifica- tions	2		
Eh. 411—Engineering Exposition	1	Eh. 412—Engineering Exposition	1
Gy. 201—Physical Geology	3	Ml. 410—Human Engineering	2
Cl. 407—Hydraulics	3	Cl. 408—Hydraulic Engineering	2
Cl. 409—Municipal Sanitation	3		
Cl. 403—Structural Engineering	3	Cl. 404—Structural Engineering.....	4
	18 ¹ / ₂	Cl. 410—Water Supply	5
			17

Students who take Ps. 105 to 108 during the freshman year will take Ps. 209 during the sophomore year. Students who take Ps. 111 to 116 during the freshman year will take Ps. 299 during the sophomore year.

CURRICULUM FOR ELECTRICAL ENGINEERING

The courses in electrical engineering are designed to give the student thoro instruction in the principles of electrical design, installation, and operation. Considerable time is given to problems pertaining to the generation, transmission, distribution, and utilization of electrical energy. During the coming year additional emphasis will be given to the field of communication.

First Semester		Second Semester	
Names of Courses	Credits	Names of Courses	Credits
Sophomore Year			
Cy. 101—General Chemistry	5	Cy. 102—General Chemistry	5
Dg. 201—Machine Drawing	1	Dg. 202—Machine Drawing	1
		El. 202—Elements of Electrical Engineering	2
		El. 204—Electrical Laboratory	1
Ms. 251—Differential and Integral Calculus	3	Ms. 252—Differential and Integral Calculus	3
Ml. 201—Mechanism	2	Ml. 202—Mechanism	2
My. 201—Artillery	2	My. 202—Artillery	2
Ps. 209—Electricity and Magnetism..	3		
Mc. 201—Forge	1	Mc. 202—Foundry	1
	17		17
Junior Year			
Ml. 315—Applied Mechanics	5	Ml. 316—Applied Mechanics	5
Es. 307—Introduction to Economics...	3		
El. 311—Electrical Theory	2	El. 302—Direct-Current Machinery...	3
El. 313—Electricity and Magnetism..	1	El. 304—Direct-Current Laboratory...	2
Ml. 301—Machine Elements	1	Ml. 302—Machine Elements	3
Ml. 319—Materials of Engineering...	2		
Ms. 351—Advanced Calculus	3	Ms. 352—Advanced Calculus	3
	17	Ml. 310—Thermodynamics	3
			19
Senior Year			
Cl. 405—Contracts & Specifications	2	Elective	2
El. 401—Alternating Current Prin- ciples	3	El. 402—Alternating Current Ma- chinery	3
El. 403—Alternating Current Lab- oratory	1½	El. 404—Alternating Current Lab- oratory	1½
El. 405—Telegraph Engineering	2	El. 406—Telephone Engineering	2
Eh. 411—Engineering Exposition	1	Eh. 412—Engineering Exposition	1
Cl. 407—Hydraulics	3	Ml. 410—Human Engineering	2
Mc. 401—Machine Shop	3	Ml. 420—Mechanical Laboratory	2
Ml. 421—Power Engineering	3	Ml. 424—Power Engineering	3
	18½		16½

Students who take Ps. 105 to 108 during the freshman year will take Ps. 209 during the sophomore year. Students who take Ps. 111 to 116 during the freshman year will take Ps. 299 during the sophomore year.

CURRICULUM FOR MECHANICAL ENGINEERING

Mechanical engineering is a basic engineering course. Instruction in this department is given in both theory and practice. Accuracy, neatness, and systematic presentation is required in all classes and home-study drawings and problems. It is the aim of the course to produce engineers of independent thought and original power. The graduate is well qualified to readily adjust himself and give efficient service in the industries and public utility companies.

First Semester		Second Semester	
Names of Courses	Credits	Names of Courses	Credits
Sophomore Year			
Cy. 101—General Chemistry	5	Cy. 102—General Chemistry	5
Dg. 201—Machine Drawing	1	Dg. 202—Machine Drawing	1
		El. 202—Elements of Electrical Engineering	2
		El. 204—Electrical Laboratory	1
Ms. 251—Differential and Integral Calculus	3	Ms. 252—Differential and Integral Calculus	3
MI. 201—Mechanism	2	MI. 202—Mechanism	2
My. 201—Artillery	2	My. 202—Artillery	2
Ps. 209—Electricity and Magnetism	3		
Mc. 201—Forge	1	Mc. 202—Foundry	1
	17		17
Junior Year			
MI. 315—Applied Mechanics	5	MI. 316—Applied Mechanics	5
Es. 307—Introduction to Economics	3		
MI. 305—Kinematic Drawing	1	MI. 306—Kinematic Drawing	2
MI. 301—Machine Elements	1	MI. 302—Machine Elements	2
MI. 319—Materials of Engineering	2		
Ms. 351—Advanced Calculus	3	Ms. 352—Advanced Calculus	3
		MI. 320—Metallography	2
Mc. 301—Machine Shop	2	Mc. 304—Patternmaking	2
		MI. 310—Thermodynamics	3
	17		19
Senior Year			
Cl. 405—Contracts & Specifications	2		
El. 417—Essentials of Electrical Engineering	4½	El. 418—Dynamo Laboratory	1½
		MI. 410—Human Engineering	2
Cl. 407—Hydraulics	3	Cl. 408—Hydraulic Engineering	2
MI. 411—Mechanical Design	4	MI. 412—Mechanical Design	4
MI. 417—Mechanical Laboratory	2	MI. 418—Mechanical Laboratory	2
MI. 421—Power Engineering	3	MI. 422—Power Engineering	3
		MI. 424—Power Engineering	3
	18½		17½

Students who take Ps. 105 to 108 during the freshman year will take Ps. 209 during the sophomore year. Students who take Ps. 111 to 116 will take Ps. 299 during the sophomore year.

CURRICULUM FOR BUSINESS ADMINISTRATION IN COMBINATION
WITH ENGINEERING

This course has been arranged for students who wish to prepare for administrative and selling positions in the field of manufacturing, railway and public utility operation.

It requires much of the first two years of the work in the College of Engineering and of the last two years in the College of Commerce and Journalism. The work of the first two years of the course is shown in this bulletin, but the sophomore courses in engineering will not be offered until 1931-1932.

The student registers in the College of Commerce and Journalism for the entire course and the curriculum for the full course is shown in the bulletin issued by that college. The degree given upon the completion of the course is Bachelor of Science in Business Administration. Students interested in this course should write to the Dean of the College of Commerce and Journalism for further information.

First Semester		Second Semester	
Names of Courses	Credits	Names of Courses	Credits
Freshman Year			
Dg. 101—Mechanical Drawing	2	Dg. 102—Mechanical Drawing	1
Eh. 101—Rhetoric and Composition ..	3	Eh. 102—Rhetoric and Composition..	3
Ms. 101—College Algebra	3	Ms. 102—Plane Analytic Geometry...	3
Ps. 111, 113, 115—Elementary Physics	5	Ps. 112, 114, 116—Elementary Physics	5
Ml. 101—Descriptive Geometry	2	Mc. 106—Woodworking	1
My. 101—Infantry	2	Cl. 0101—Surveying	2
Pl. 101—Gymnastics	1	My. 102—Infantry	2
	18	Pt. 102—Gymnastics	1
			13
Sophomore Year			
El. 201—Elements of Electrical Engineering	2	El. 202—Elements of Electrical Engineering	2
El. 203—Electrical Laboratory	1	El. 204—Electrical Laboratory	1
Ml. 203—General Mechanical Engineering	3	Ml. 204—General Mechanical Engineering	3
Ml. 205—Mechanical Laboratory	1	Ml. 206—Mechanical Laboratory	1
Bs. 201E—Principles of Economics... 3		Bs. 202E—Principles of Economics... 3	
Bs. 211—Principles of Accounting... 3		Bs. 212—Principles of Accounting... 3	
Ms. 251—Differential and Integral Calculus	3	Mc. 204—Metalworking	1
My. 201—Infantry	2	My. 202—Infantry	2
	18	Approved Elective	2
			13

DEPARTMENTS OF INSTRUCTION

Subjects with odd numbers are given in the first semester and subjects with even numbers are given in the second semester unless the number begins with 0 in which case the reverse is true.

The number of hours given is the number of hours which the class meets per week.

The number of credits is the number of semester credit hours earned by each student who received a passing grade (A, B, C, or D) when the subject is completed. Unless specifically stated, credit will be allowed for one semester of a year course.

Subjects numbered 200 or above are not open to freshmen; subjects numbered 300 or above are not open to sophomores; subjects numbered 400 or above are not open to juniors; subjects numbered 500 or above are for graduate students.

The abbreviations used wherever possible are the first and last letter of the first word of the department name. Occasionally, a third central letter is demanded to distinguish between departments where first and last letters are identical.

BACTERIOLOGY

Administered in the College of Arts and Sciences

Bsy. 308.—Sanitary Laboratory Practice. 1 hour, and 4 hours' laboratory. 3 credits. Carroll.

Problems in sewage and public sanitation; field work; designed for students in civil engineering.

Laboratory fee: \$5.

Required of all third-year civil engineering students.

CHEMICAL ENGINEERING

Administered in the College of Pharmacy

Cy. 101.—General Chemistry. 4 hours, and 3 hours' laboratory. 5 credits. No credit toward a degree will be allowed until credit in **Cy. 102** or **Cy. 110** is earned. Beisler.

The fundamental laws and theories of chemistry, and the preparation and properties of the common non-metallic elements and their compounds. Students may begin this course either the first or second semester.

Laboratory fee: \$5.

Required of second-year engineering students.

Cy. 102.—General Chemistry, continued. 4 hours, and 3 hours' laboratory. 5 credits. Heath in charge.

Devoted largely to a study of the metallic elements and their compounds.

Laboratory fee: \$5.

Required of second-year civil, electrical and mechanical engineering students.

Cy. 110.—General Chemistry, continued. 4 hours. 4 credits. Beisler.

Devoted largely to a study of the metallic elements and their compounds.

Required of second-year chemical engineering students.

Cy. 203.—Qualitative Analysis. 2 hours, and 6 hours' laboratory. 4 credits. Jackson.

A systematic study of the metals and their chemical reactions and theoretical considerations of qualitative analysis. Practice in the separation and identification of the common metals and acid radicals.

Prerequisite: General Chemistry.

Laboratory fee: \$5.

Required of third-year chemical engineering students.

Cy. 215.—Water and Sewage. 2 hours, and 3 hours' laboratory or its equivalent. 3½ credits. Goodwin.

A theoretical and practical study of the examination and treatment of water and sewage.

Prerequisite: General Chemistry.

Laboratory fee: \$5.

Required of fourth-year civil engineering students.

Cy. 232.—Elementary Physical Chemistry. 3 hours, and 3 hours' laboratory. 4 credits. Jackson.

A study of the gaseous, liquid and solid states of matter, the properties of solutions, and colloids.

Prerequisite: Cy. 203 or college physics.

Laboratory fee: \$5.

Required of second-year chemical engineering students.

This course will be offered both semesters in 1930-1931.

Cy. 0305—Quantitative Analysis. 2 hours, and 9 hours' laboratory. 5 credits. Black.

The fundamental principles of gravimetric and volumetric analysis. The laboratory work may be varied somewhat to fit the needs of individual students.

Prerequisite: Cy. 203.

Laboratory fee: \$5.

Required of third-year chemical engineering students.

Cy. 335.—Unit Processes of Chemical Engineering. 3 hours. 3 credits. Beisler.

A critical study of the fundamental chemical engineering processes, such as filtration, evaporation and drying.

Prerequisites: Cy. 232 and College Physics.

Required of fourth-year chemical engineering students.

Cy. 351.—Metallurgy. 2 hours, and 3 hours' laboratory. 3 credits. Beisler, Yeaton.

A study of the preparation, properties, structure and uses of the more important metals and alloys.

Prerequisites: General Chemistry and College Physics.

Laboratory fee: \$5.

Required of fourth-year chemical engineering students.

Cy. 361-362.—Organic Chemistry. 3 hours, and 6 hours' laboratory or its equivalent. 10 credits. No credit toward a degree will be allowed until the entire 10 credits are earned. Leigh.

A study of the preparation and properties of the various aliphatic and aromatic compounds.

Prerequisites: Cy. 203 or Cy. 232.

Laboratory fee: \$5 per semester.

Required of third-year chemical engineering students.

- Cy. 415.—Fuels Laboratory.** 6 hours' laboratory or its equivalent. 2 credits. Beisler.
 Analysis and calorimetry of gaseous, liquid and solid fuels.
 Prerequisite: **Cy. 305.**
 Laboratory fee: \$5.
 Required of fourth-year chemical engineering students.
- Cy. 422.—Advanced Physical Chemistry.** 3 hours, and 3 hours' laboratory. 4 credits. Jackson.
 A study of the electrical theory of matter, radioactivity, atomic structure, relation between physical properties and chemical constitution, equilibrium, phase rule, thermodynamics, thermo-chemistry, chemical kinetics, and photochemistry.
 Prerequisites: **Cy. 203, Cy. 232, Cy. 361 and Cy. 362.**
 Required of fourth-year chemical engineering students.
- Cy. 441-442.—Industrial Chemistry.** 3 hours. 6 credits. No credit toward a degree will be allowed until the entire 6 credits are earned. Beisler.
 Consideration of chemical principles involved in manufacture and refining inorganic and organic products of commercial importance. Visits are made to such factories and chemical plants as may be accessible.
 Prerequisite: **Cy. 361 and Cy. 362.**
 Required of fourth-year chemical engineering students.
- Cy. 444.—Industrial Chemistry Laboratory.** 9 hours' laboratory or its equivalent. 3 credits. Beisler.
 A practical study of the commercial methods of manufacture and purification of important chemicals.
 Prerequisites: **Cy. 335, Cy. 441.**
 Laboratory fee: \$5.
 Required of fourth-year chemical engineering students.

GRADUATE COURSES

Courses for Graduate Work in the Department of Chemical Engineering are shown on the following list:

- Cy. 501.—Organic Preparations.**
Cy. 504.—Inorganic Preparations.
Cy. 505.—Organic Nitrogen Compounds.
Cy. 506.—Special Chapters in Organic Chemistry.
Cy. 509.—Electrochemistry.
Cy. 513.—Colloid Chemistry.
Cy. 516.—Chemistry of the Rare Elements.
Cy. 519.—Atomic Structure.
Cy. 525.—Chemistry of the Terpenes.
Cy. 531.—Advanced Qualitative Analysis.
Cy. 533.—Advanced Quantitative Analysis.
Cy. 551-552.—Chemical Research.

For further information concerning these courses and graduate work see the *Bulletin of the Graduate School*.

CIVIL ENGINEERING

Cl. 101 or 0101.—Surveying. 1 hour, and 3 hours' laboratory. 2 credits. Sawyer.

Recitations on the use of chain, compass, transit and level; determination of areas, and instrumental adjustments. Field work in chaining, leveling, compass and transit surveys. Drawing-room work in calculations from field notes, and map-drawing. Textbook: Breed & Hosmer, Vol. 1, *The Principles and Practice of Surveying*.

Prerequisite: Trigonometry.

Laboratory fee: \$3

Required of engineering students, first year.

Cl. 201.—Surveying. 2 hours, and 6 hours' laboratory. 4 credits. Sawyer.

Recitations on balancing of surveys and calculating of areas; methods of making topographical surveys, including the use of the stadia and plane table; methods of solving other problems in land, topographical and city surveying. Field work: The making of a complete topographical survey; tests and adjustments of instruments. Drawing-room work on balancing surveys, calculating areas and reducing field notes; plotting maps and profiles; contour problems. Textbook: Davis, Foote & Rayner, *Surveying: Theory and Practice*.

Prerequisite: Cl. 101.

Laboratory fee: \$3.

Required of second-year civil engineering students.

Cl. 202.—Surveying. 2 hours, and 3 hours' laboratory. 3 credits. Sawyer.

Problems involving the principles of precise leveling, baseline measurement, triangulation, and determination of meridian, latitude and time. Field work: Precise leveling, base-line work, meridian and latitude observations. Drawing-room work on triangulation and astronomical computations. Textbook: Davis, Foote & Rayner, *Surveying: Theory and Practice*.

Prerequisite: Cl. 201.

Laboratory fee: \$3.

Required of second-year civil engineering students.

Cl. 301.—Railroads. 2 hours, and 2 hours' laboratory. 3 credits. Lowe.

Recitations on simple, compound, reversed and vertical curves. Field problems in curve layouts. Drawing-room work in the paper layout of a railroad line. Textbook: C. F. Allen, *Railroad Curves and Earthwork*.

Prerequisite: Cl. 101.

Laboratory fee: \$1.50.

Required of third-year engineering students.

Cl. 302.—Railroads. 1 hour, and 3 hours' laboratory. 2 credits. Lowe.

Recitations on transition curves, turnouts and earthwork. Field and drawing-room work in the preliminary and final location of a railroad; plotting of lines and profiles; earthwork computations. Theory of mass diagram. Textbook: C. F. Allen, *Railroad Curves and Earthworks*.

Prerequisite: Cl. 301.

Laboratory fee: \$1.50.

Required of third-year civil engineering students.

Cl. 303.—Highways. 2 hours. 2 credits. Brown.

Lectures and recitations on the economics of locations, highway systems, drainage, foundations, classes of roads and pavements, their materials and methods of construction and highway structures. Textbook: C. C. Wiley, *Principles of Highway Engineering*.

Prerequisite: Cl. 101 and Cl. 301.

Required of third-year students in civil engineering.

Cl. 304.—Highways. 1 hour, and 3 hours' laboratory. 2 credits.

Brown.

Lectures and recitations on legislation, finance and design. Field inspection of local roads. Drafting-room design involving the relocation of an existing road with improved alignment, grades and new pavement suitable for assumed traffic, the computation of quantities, estimate of costs and specifications. Textbook: C. C. Wiley, **Principles of Highway Engineering**.

Prerequisite: **Cl. 303**.

Required of third-year civil engineering students.

Cl. 306.—Graphic Statics. 2 hours, and 4 hours' laboratory. 4 credits.

Sawyer.

Recitations and drawing-room exercises in the computation of forces; the plotting of diagrams in elementary graphics and roof truss, bridge and masonry problems; design of a roof truss. Textbook: **Mimeograph notes**.

Prerequisite: **ML 315**.

Required of third-year civil engineering students.

Cl. 308.—Graphic Statics. 1 hour, and 3 hours' laboratory. 2½ credits.

Reed.

Similar to **Cl. 306** except the work concerning bridges.

Textbook: **Mimeograph notes**.

Prerequisite: **ML 315**.

Required of third-year students in architecture.

Cl. 310.—Testing Laboratory. 2 hours' laboratory. 1 credit. Lowe.

Laboratory work in the testing of stone, brick, asphalt, and other road materials and in cement, sand, concrete, timber, steel and other materials used in construction. Textbook: E. E. Bauer, **Plain Concrete**.

Prerequisite: **ML 315**.

Laboratory fee: \$2.

Required of third-year civil engineering students.

Cl. 403.—Structural Engineering. 2 hours, and 3 hours' laboratory. 3 credits. Reed and Sawyer.

Recitations and drawing-room work in the theory and design of wooden and steel roof trusses and girders. Textbook: Hool and Kinne, **Steel and Timber Structures**.

Prerequisite: **ML 315**, **ML 316**, and **Cl. 306** or **Cl. 308**.

Required of fourth-year students in civil engineering and in architecture.

Cl. 404.—Structural Engineering. 2 hours, and 6 hours' laboratory. 4 credits. Brown, Sawyer.

Recitation and drawing-room work in the theory and design of foundations, highway and railroad bridges, and buildings.

Prerequisite: **Cl. 403**.

Required of fourth-year students in civil engineering and in architecture.

Cl. 405.—Contracts and Specifications. 2 hours. 2 credits. Brown.

The contract and its relation to the engineer. Specifications. Textbook: D. W. Mead, **Contracts and Specifications and Engineering Relations**.

Required of fourth-year engineering students. Elective for non-engineering students.

Cl. 407.—Hydraulics. 2 hours, and 2 hours' laboratory. 3 credits.

Lowe.

Recitations and laboratory work on the elements of hydraulics; the principles of hydrostatic and hydrodynamic pressure; the measurement of water by orifices, short tubes, nozzles, weirs, and other measuring instruments; flow thru pipes and open channels; losses from friction and other sources; and other related topics.

Textbook: Schoder & Dawson, **Hydraulics**.

Prerequisite: **MI. 315 and MI. 316**.

Laboratory fee: \$3.

Required of fourth-year engineering students.

Cl. 408.—Hydraulic Engineering. 2 hours. 2 credits. Lowe.

Recitations on stream gaging and hydrographic surveying; water power, hydraulic turbines and impulse wheels; pumps and hydraulic machinery. Textbooks: Schoder & Damson, **Hydraulics**; and Barrows, **Water Power Engineering**.

Prerequisite: **Cl. 407**.

Required of fourth-year students in civil and in mechanical engineering.

Cl. 409.—Municipal Sanitation. 2 hours. 3 hours' laboratory. 3 credits. Brown.

Recitations on the design and construction of sewerage systems and sewage disposal plants. Drawing-room work in the design of sanitary and storm sewers, and of a complete sewage treatment plant, together with the estimates of cost. Textbook: Metcalf and Eddy, **Sewerage and Sewage Disposal**.

Prerequisite: **MI. 315 and MI. 316**.

Required of fourth-year students in civil engineering.

Cl. 410.—Water Supply. 3 hours, and 4 hours' laboratory. 5 credits. Brown.

Recitations on sources of supply, purification, filters, pumps, systems of supply, and fire supply. A short time is devoted to drainage and irrigation engineering. Drawing-room work in design of a complete water supply system, a large gravity dam and a large masonry conduit.

Textbook: Turneasure and Russell, **Public Water Supplies**; Williams and Hazen, **Hydraulic Tables**; Elliot, **Engineering for Land Drainage**.

Prerequisite: **Cl. 409 and Cl. 407**.

Required of fourth-year students in civil engineering.

Cl. 412.—Concrete Design. 2 hours, and 3 hours' laboratory. 3 credits. Lowe.

Recitations and drawing-room work on the theory and design of reinforced concrete structures. Textbook: Southerland and Clifford, **Reinforced Concrete Design**.

Prerequisite: **MI. 315 and MI. 316**.

Required of fourth-year students in civil engineering.

GRADUATE COURSES

Cl. 501-502.—Advanced work in Structural Engineering. 3 hours, and 6 hours' laboratory. 6 credits. Reed.

This advanced course for graduate students will cover advanced work in the theory, design and drawing of structures, particularly in connection with buildings.

Prerequisite: **Cl. 403 and Cl. 404**.

Cl. 507-508.—Advanced Work in Municipal Engineering. 2 hours, and 3 hours' laboratory. 6 credits. Brown.

Study of action and operation of Imhoff sewage disposal plant of the University. Physical, biological, bacteriological, and chemical observations to determine efficiency and economy of various methods of operation and improvements in operation to increase the same.

Prerequisite: **Cl. 409**.

Cl. 509-510.—Advanced Work in Municipal Engineering. 2 hours, and 3 hours' laboratory. 6 credits. Brown.

A course supplementing Cl. 507 and Cl. 508 covering similar investigations in connection with septic tanks.

DRAWING

Dg. 101.—Mechanical Drawing. 5 hours. 2 credits. Walker.

Geometrical problems, lettering and dimensioning.

Laboratory fee: \$.25.

Required of all engineering and engineering pre-business freshmen.

Dg. 102.—Mechanical Drawing. 3 hours. 1 credit. Walker.

Projections, machine parts and tracing.

Required of all engineering and engineering pre-business freshmen.

Dg. 201-202.—Machine Drawing. 3 hours. 2 credits. Strong.

Detail and assembly drawings and tracings of machines and machine parts.

Prerequisite: **Dg. 101** and **Dg. 102**.

Required of electrical and mechanical engineering sophomores.

For courses in mechanic arts see "Mechanic Arts," this bulletin, page 29.

ECONOMICS

Administered in the College of Commerce and Journalism

Es. 307.—Introduction to Economics. 3 hours. 3 credits. Bigham, Chace.

A brief study of our economic organization and the principles involved in economic activities.

Primarily for juniors and seniors in the colleges of Agriculture, Engineering and Pharmacy.

ELECTRICAL ENGINEERING

El. 201.—Elements of Electrical Engineering. 2 hours. 2 credits. Weil.

Lectures and recitations on fundamental principles of electrical engineering.

Textbook: Benton, **Introductory Textbook of Electrical Engineering.**

Prerequisite: Ps. 111 to 116. Required of second-year students in engineering pre-business course.

El. 202.—Elements of Electrical Engineering. 2 hours. 2 credits. Weil and staff.

The general course covering methods of producing electrical energy, its distribution and application, direct and alternating current motors, and generators, storage batteries, communication. Textbook: Benton, **Introductory Text on Electrical Engineering.**

Prerequisite: 1 year of college physics, including electricity and magnetism.

Required of all engineering and engineering pre-business students.

El. 203.—Electrical Laboratory. 2 hours' laboratory. 1 credit. Weil.

Laboratory work to accompany El. 201.

Laboratory fee: \$3.

Required of second-year engineering pre-business students.

El. 204.—Dynamo Laboratory. 2 hours' laboratory. 1 credit. Weil and staff.

Laboratory work to accompany El. 202.

Corequisite: **El. 202.**

Laboratory fee: \$3.

Required of all engineering and engineering pre-business students.

El. 302.—Direct Current Machinery. 3 hours. 3 credits. Weil and staff.

Theory, design, application of direct current generators, and motors, controlling appliances. Text: Langsdorf, **Direct Current Machinery.**

Prerequisite: **El. 202, El. 204, El. 311 and El. 313.**

Required of third-year electrical engineering students.

El. 304.—Direct Current Laboratory. 4 hours' laboratory. 2 credits. Weil and staff.

Operation and characteristic curves, heat runs, miscellaneous testing of generators and motors, tests of direct current control apparatus and appliances.

Corequisite: **El. 302.**

Laboratory fee: \$5.

Required of third-year electrical engineering students.

El. 305-306.—Elementary Radio Engineering. 2 hours, and 2 hours' laboratory. 6 credits. No credits toward a degree will be allowed until the entire 6 credits are earned. Weil.

Characteristics of tubes, radio frequency circuits and amplification detection, audio frequency circuits and amplification. Textbook: Henney, **Radio Principles.**

Prerequisite: 1 year of college physics, including Electricity and Magnetism.

El. 311.—Electricity and Magnetism. 2 hours. 2 credits. Weil.

Electric and magnetic circuit calculations, electro-statics, electro-magnetics, magnetic and dielectric properties of materials, varying currents.

Prerequisite: 1 year college physics, including electricity and magnetism.

Required of third-year electrical engineering students.

El. 313.—Electricity and Magnetism. 2 hours' laboratory. 1 credit.

.....
Laboratory work to accompany El. 311.

Corequisite: **El. 311.**

Laboratory fee: \$3.

Required of third-year electrical engineering students.

El. 401.—Principles of Alternating Currents. 3 hours. 3 credits. Weil.

Representation of alternating currents by vectors and complex quantities, wave form, measurement of power, Kirchoff laws. Text: Lawrence, **Principles of Alternating Currents.**

Prerequisites: **El. 311 and El. 313.**

Required of fourth-year electrical engineering students.

El. 402.—Alternating Current Machinery. 3 hours. 3 credits. Weil.

Characteristics, design and operation of alternating current machinery. Textbook: Lawrence, **Alternating Current Machinery.**

Prerequisite: **El. 401.**

Required of fourth-year electrical engineering students.

El. 403-404.—Alternating Current Laboratory. 3 hours' laboratory. 3 credits. No credit toward a degree will be allowed until the entire 3 credits are earned. Weil.

Laboratory work to accompany El. 401 and El. 402.

Corequisite: **El. 401 and El. 402.**

Laboratory fee: \$5 first semester.

Required of fourth-year electrical engineering students.

El. 405.—Telegraph Engineering. 1 hour, and 2 hours' laboratory. 2 credits.

Theory of telegraphic service, telegraphic apparatus. Text: Hausman, **Telegraph Engineering.**

Prerequisite: **El. 311 and El. 313.**

Laboratory fee: \$2.

Required of fourth-year electrical engineering students.

El. 406.—Telephone Engineering. 1 hour, and 2 hours' laboratory. 2 credits.

Telephone circuits, telephone apparatus, manual and automatic switching. Textbook: Kloeffer, **Telephone Communication.**

Prerequisite: **El. 311 and El. 313.**

Laboratory fee: \$2.

Required of fourth-year electrical engineering students.

El. 409.—Electric Power Plant Design. 3 hours. 3 credits.

The relation of various machines in the power plant with one another, switch gear, manual and automatic controls for operating apparatus, public policies and finance.

Prerequisite: at least 9 credits in electrical engineering courses.

El. 410.—Electric Transmission and Distribution Systems. 3 hours. 3 credits.

Efficiency, regulation surges—corona effects—mechanical problems on transmission lines.

Prerequisite: 9 credits in electrical engineering courses.

El. 417.—Essentials of Electrical Engineering. 3 hours, and 3 hours' laboratory. 4½ credits.

A course more advanced than El. 204.

Prerequisite: **El. 202 and El. 204.**

Laboratory fee: \$5.

Required of fourth-year mechanical engineering students.

El. 418.—Dynamo Laboratory. 3 hours' laboratory. 1½ credits.

Additional laboratory work supplementing El. 417.

Prerequisite: **El. 417.**

Laboratory fee: \$5.

Required of fourth-year mechanical engineering students.

El. 430.—Instruments and Meters. 1 hour, and 4 hours' laboratory. 3 credits. Weil.

Design, construction and application of instruments, meters, and relations, with particular emphasis to their application and use in alternating current circuits.

Prerequisite: 9 credits in electrical engineering courses.

El. 456.—Essentials of Electricity for Architects. 1 hour. 1 credit. Weil.

A general course covering wiring methods, illumination and miscellaneous applications of electricity. Textbook: **National Electric Code and Bulletins of National Lamp Works.**

Required of fourth-year architectural students.

GRADUATE COURSES

El. 501-502.—Advanced Experimental Electrical Engineering. Variable credit. Weil.

Experimental investigations on electrical apparatus and phenomena.

Prerequisite: Not less than 5 credits in electrical engineering laboratory work.

Given upon demand.

El. 503.—Advanced Electrical Theory. 3 hours. 3 credits. Weil.

Laws of the electric and magnetic circuit. Transient phenomena.

Prerequisite: **El. 311 or Ps. 311.**

El. 504.—Electric Measurements. 3 hours, and 2 hours' laboratory. 4 credits. Weil and staff.

The theory and practice of methods of measurement of resistance, current, electromotive force, power and energy. Planned primarily for advanced students in physics, chemistry and electrical engineering.

Prerequisite: 1 year college physics including electricity and magnetism.

ENGLISH

Administered in the College of Arts and Sciences

Eh. 101-102.—Rhetoric and Composition. 3 hours. 6 credits. No credit toward a degree will be allowed until the entire 6 credits are earned. Robertson and staff.

To train students in methods of clear and forceful expression. Instruction is carried on simultaneously in formal rhetoric and in theme writing.

Required of all freshmen.

Eh. 411-412.—Engineering Exposition. 1 hour. 2 credits. No credit toward a degree will be allowed until the entire 2 credits are earned. Farris.

A special course for engineering students in the various kinds of writing needed for their profession.

Required of fourth-year engineering students.

FRENCH

Administered in the College of Arts and Sciences

Fh. 21-22.—Elementary French. 3 hours. 6 credits. Atkin and staff.

Course for beginners. Elements of pronunciation and grammar, reading of simple prose.

Elective for second-year students in chemical engineering.

GEOLOGY

Administered in the College of Arts and Sciences

Gy. 201.—Physical Geology. 3 hours. 3 credits. Hubbell.

The origin, materials, and structure of the earth, and the agencies which produce geological changes.

Required of fourth-year civil engineering students.

GERMAN

Administered in the College of Arts and Sciences

Gn. 21-22.—Elementary German. 3 hours. 6 credits. Crow.

Elective required of second-year chemical engineering students.

MATHEMATICS

Administered in the College of Arts and Sciences

Ms. 151-152.—Elementary Mathematical Analysis. 3 hours. 6 credits.

No credit toward a degree will be allowed until the entire 6 credits are earned. Simpson and staff.

The material of college algebra, analytic geometry and trigonometry rearranged and changed to meet the primary needs of engineering students. Textbook: Slichter, **Elementary Mathematical Analysis.** Required of all regularly-admitted engineering freshmen.

Ms. 251-252.—Differential and Integral Calculus. 3 hours. 6 credits. Simpson and staff. No credit will be allowed toward a degree until the entire 6 credits are earned.

The study of a process known as differentiation, which with its numerous and widely different applications, constitutes one of the most important, practical and theoretical fields of mathematics. Integration, the inverse operation of differentiation, is used in the calculation of areas, volumes, moments of inertia, and many other problems. Textbook: March and Wolff, *Calculus*.

Prerequisite: Ms. 151 and 152 or its equivalent.

Required of all second-year engineering students.

Ms. 351-352.—Advanced Calculus. 3 hours. 6 credits. No credit toward a degree will be allowed until the entire 6 credits are earned. Phipps, Messick.

Further study of the calculus, the treatment of more advanced topics, and the use of analytic geometry of three dimensions.

Prerequisite: Ms. 251 and Ms. 252.

Required of all third-year engineering students.

MECHANIC ARTS

Mc. 101-0101.—Woodworking. 6 hours' shop. 2 credits. Eshleman. Joinery, wooden machine parts and machine work. Lectures and shop work. Shop fee: \$3.

Required of first-year engineering students.

Mc. 104.—Shop Work. 4 hours' shop. 2 credits. Eshleman and Herder. Instruction and practice in the care and use of hand tools in working wood, and in forging, welding and tempering metal.

Shop fee: \$1.50.

Required of second-year agricultural students.

Mc. 106.—Woodworking. 3 hours' shop. 1 credit. Eshleman. Joinery. Lectures and shop work.

Shop fee: \$3.

Required of first-year engineering pre-business students.

Mc. 201.—Forge Shop. 1 hour, and 2 hours' shop. 1 credit. Herder.

Study and practice of hand and machine forging, welding and heat, treating with special reference to specifications for forging iron and steel machine-parts.

Class room and shop. A text book is used.

Shop fee: \$3.

Required of second-year electrical and mechanical students.

Mc. 204.—Metalworking. 1 hour, and 2 hours' shop. 1 credit. Strong.

Study and practice of methods of forging, molding and machine shop work with special reference to the influence of shop-requirements on design. Class room and shop. A text book is used.

Shop fee: \$3.

Required of second-year civil engineering students.

Mc. 301.—Machine Shop. 1 hour, and 3 hours' shop. 2 credits. Strong.

Study and practice of the methods of finishing and assembling machine parts. Class room and shop. A text book is used.

Prerequisite: Junior classification.

Shop fee: \$5.

Required of third-year mechanical engineering students.

Mc. 304.—Patternmaking. 1 hour, and 3 hours' drawing. 2 credits.

Strong.

Study and practice of the principles underlying the design and construction of patterns and core boxes for machine parts and other articles of cast metal. Class room and shop. A text book is used.

Prerequisites: **Mc. 101 and Mc. 202.**

Shop fee: \$3.

Required of third-year mechanical engineering students.

Mc. 401.—Machine Shop. 2 hours, and 4 hours' shop. 3 credits.

Strong.

Same as Mc. 301 but with more time on text book.

Prerequisites: Senior classification.

Required of fourth-year electrical engineering students.

MECHANICAL ENGINEERING

MI. 101.—Descriptive Geometry. 2 hours. 2 credits. Walker and Fineren.

Methods of representing points, lines, surfaces and projections.

Required of first-year engineering and pre-business students.

MI. 102.—Descriptive Geometry. 2 hours, and 2 hours' drawing. 3 credits. Walker and Fineren.

Solids, intersections, developments, and solution of many original problems on the drawing-board.

Required of all first-year engineering students.

MI. 201-202.—Mechanism. 2 hours. 4 credits. Fineren.

Investigation of link-work, construction of gears and cams, belt and pulley drives, trains of mechanism, the velocity ratio and directional relation of the moving parts of various machines.

Required of second-year electrical and mechanical engineering students.

MI. 203.—General Mechanical Engineering. 3 hours. 3 credits. Yeaton.

The fundamental laws, theories, and problems of mechanism, mechanics, and strength of materials.

Prerequisite: **Ps. 203.**

Required of second-year pre-business students.

Not offered 1930-31.

MI. 204.—General Mechanical Engineering. 3 hours. 3 credits. Yeaton.

The fundamental laws, theories and problems of thermodynamics, refrigeration, and power engineering.

Prerequisite: **Ps. 204.**

Required of second-year pre-business students.

Not offered 1930-31.

MI. 205.—General Mechanical Engineering Laboratory. 3 hours. 1 credit. Yeaton.

Laboratory exercises supplementary to MI. 203.

Corequisite: **MI. 203.**

Required of second-year pre-business students.

Laboratory fee: \$5.

Not offered 1930-31.

MI. 206.—General Mechanical Engineering Laboratory. 3 hours. 1 credit. Yeaton.

Laboratory exercises supplementary to MI. 204.

Corequisite: **MI. 204.**

Required of second-year pre-business students.

Laboratory fee: \$5.

Not offered 1930-31.

MI. 301.—Machine Elements. 3 hours' drawing. 1 credit. Fineren.

Sizes and proportions of standard machine details, screw threads, bolts and nuts, pipes and fittings, shafting and shaft mountings, bearings, etc., as approved by practice.

Required of third-year electrical and mechanical engineering students.

MI. 302.—Machine Elements. 2 hours, and 3 hours' drawing. 3 credits. Fineren.

Design of simple machines, lectures and working drawings.

Prerequisite: **MI. 301.**

Required of third-year electrical and mechanical engineering students.

MI. 305.—Kinematic Drawing. 3 hours' drawing. 1 credit. Fineren.

Drawing-board solution of problems in link-work, cams, toothed gears, slider-crank, and other mechanisms, with velocity and acceleration diagrams.

Prerequisites: **MI. 201** and **MI. 202.**

Required of third-year mechanical engineering students.

MI. 306.—Kinematic Drawing. 1 hour. 3 hours' drawing. 2 credits. Yeaton.

Kinematics of reciprocating steam engines, methods of governing, valve-ellipse and other diagrams. Valve gears, double valves, and drop cut-off valves.

Prerequisites: **MI. 201** and **MI. 202.**

Required of third-year mechanical engineering students.

MI. 310.—Thermodynamics. 3 hours. 3 credits. Price.

The laws governing the emission and reception of heat, and the transformation of heat into mechanical energy. A study of the pressure volume and the temperature entropy diagrams of various theoretical and practical cycles.

Prerequisites: **Ms. 251**, **Ms. 252**, **Ps. 209**, **Cy. 101**, and **Cy. 102.**

Required of third-year electrical and mechanical, and fourth-year chemical engineering students.

MI. 315-316.—Applied Mechanics. 4 hours, and 2 hours' laboratory. 10 credits. Yeaton.

(a) Statics, embracing the resolution of forces and moments: equilibrium as applied to trusses, machines, etc.; centers of gravity, moments of inertia and friction. (b) Mechanics of materials: stresses and deformation in beams, columns, pipes, machine and structural parts, with various methods of loading. (c) Kinetics, embracing inertia, centrifugal force, kinetic and potential energy.

Prerequisites: **Ms. 251** and **Ms. 252.**

Laboratory fee: \$1 each semester.

Required of third-year engineering students, and with the exception of part (c), 1 credit, of third-year architecture students.

MI. 319.—Materials of Engineering. 2 hours. 2 credits. Yeaton.

A study of the properties, manufacture, and testing of brick, concrete, timber, iron, steel, alloys and non-ferrous metals; heat treatment and modifying processes.

Prerequisites: **Ps. 105**, **Ps. 106**, **Cy. 101** and **Cy. 102.**

Required of third-year civil, electrical, and mechanical engineering students.

MI. 320.—Metallurgy. 1 hour, and 2 hours' laboratory. 2 credits. Yeaton.

A study of the iron-carbon diagram, heat treatment and use of steel and cast-iron. Laboratory periods are used for the preparation of polished and etched specimens for microscopic examination and photomicrographs.

Prerequisite: **MI. 319.**

Laboratory fee: \$5.

Required of third-year mechanical engineering students.

MI. 326.—Aeronautics. 3 hours. 3 credits. Fineren.

A general course covering the fundamentals of airplane construction and the dynamics of the airfoil, with a study of internal combustion engines as used in aeronautical work. Airplane control and performance.

Prerequisite: 1 year of college physics.

MI. 351.—Metallography Laboratory. 2 hours' laboratory. 1 credit. Yeaton.

Preparation of polished and etched specimens for microscopic examination and photomicrographs.

Corequisite: **MI. 351.** Lectures.

Laboratory fee: \$5.

Required of fourth-year chemical engineering students as part of course **Cy. 351.**

MI. 410.—Human Engineering. 2 hours. 2 credits. Price.

A study of some of the problems of production engineering and certain questions of personal management. The human factors in industry.

Prerequisite: **Es. 307.**

Required of fourth-year engineering students.

MI. 411-412.—Mechanical Design. 2 hours, and 6 hours' drawing. 8 credits. Price.

The calculation, proportioning and detailing of machine parts, and the design of machines to perform certain functions. Steel structures, reinforced concrete, piping, and mechanical equipment of power and manufacturing plants.

Prerequisites: **MI. 201, MI. 202, MI. 301, MI. 302, MI. 305, MI. 306, MI. 315, MI. 316, and MI. 319.**

Required of fourth-year mechanical engineering students.

MI. 417-418.—Mechanical Laboratory. 4 hours' laboratory. 4 credits. Fineren.

Study of gauges, thermometers, calorimeters, flow meters, indicators, dynamometers, flue-gas apparatus and other instruments and their use in conducting tests of engines, turbines, boilers, and other mechanical equipment. Boiler tests, valve setting, power measurement, fuel tests, refrigeration tests, efficiency and heat balance calculations, with complete reports of experiments.

Prerequisite: **MI. 310.**

Laboratory fee: \$5 each semester.

Required of fourth-year mechanical engineering students.

MI. 420.—Mechanical Laboratory. 4 hours' laboratory. 2 credits. Fineren.

A portion of Mechanical Laboratory **MI. 417** and **MI. 418.**

Prerequisite: **MI. 310.**

Laboratory fee: \$5.

Required of fourth-year electrical engineering students.

MI. 421.—Power Engineering. 3 hours. 3 credits. Price.

The steam boiler, fuels, combustion, engines, turbines, condensing apparatus and boiler-plant auxiliaries.

Prerequisite: **MI. 310.**

Required of fourth-year electrical and mechanical engineering students.

MI. 422.—Power Engineering. 3 hours. 3 credits. Price.

Chimneys and breeching, pipe systems, economizers, pumps, heat transmission and refrigeration. The economics of power and refrigeration plants.

Prerequisites: **MI. 310, MI. 419.**

Required of fourth-year mechanical engineering students.

MI. 424.—Power Engineering. 3 hours. 3 credits. Fineren.

Gas and liquid fuel internal combustion engines, hot-air engines, and gas producers.

Prerequisite: **MI. 310.**

Required of electrical and mechanical engineering students.

MI. 425-426.—Advanced Aeronautics. 2 hours, and 2 hours' drawing. 6 credits. Yeaton.

A study of the theory and scientific data needed for the structural design of airplanes.

Prerequisites: **MI. 316** and **MI. 326.**

MI. 464.—Heating and Ventilating. 1 hour. 1 credit. Yeaton.

Furnaces, boilers, heat transmission and ventilating.

Prerequisite: **Ps. 105** and **Ps. 106.**

Required of fourth-year architectural students.

GRADUATE COURSES

MI. 501-502.—Advanced Mechanical Design. 6 hours' laboratory. 6 credits. Price.

The design of some machine with critical attention to some phase thereof, usually accompanied by some laboratory work illustrative of the application of theory or of behavior of materials under assumed special working conditions.

MI. 503-504.—Mechanical Research. 6 hours' laboratory. 6 credits. Yeaton.

An experimental study of a mechanical engineering project, acceptable to the Department. Design and construction of apparatus. Operation of tests. Collection of data and presentation of results in form of thesis.

Prerequisites: **MI. 320, MI. 411.**

Laboratory fee: \$5 and cost of materials.

MILITARY SCIENCE

My. 103-104.—Freshman Field Artillery, Compulsory. 2 hours' theory and 3 hours' practice. 4 credits. Hepner, Donnovin.

The work is divided as follows: (a) Theoretical: organization-hygiene and first-aid, elementary gunnery; explosives, ammunition and fuses; military courtesy and discipline; drill and command. (b) Practical: dismounted drill ceremonies; pistol instruction; individual equipment material; 75 mm. gun drill; gunner's examination. Text: **Wilson Field Artillery Manual, Vol. I.**

My. 203-204.—Sophomore Field Artillery, Compulsory. 2 hours' theory and 3 hours' practice. 4 credits. Barco.

The work is divided as follows: (a) Theoretical: care of animals; map-reading and sketching; fire control instruments; communications. (b) Practical: dismounted drill; ceremonies; equitation; driving; mounted drill; reconnaissance, selection and occupation of position. Text: **Wilson Field Artillery Manual, Vol. I.**

Prerequisite: **My. 103** and **My. 104.**

My. 303-304.—Junior Field Artillery, Elective. 3 hours' theory and 3 hours' practice. 4 credits. Alexander.

The work is divided as follows: (a) Theoretical: administration and supply; field fortifications; communications and liaison; preparation and conduct of fire. (b) Practical: command and leadership; pistol marksmanship; equitation and horsemanship; mounted drill; 75 mm. gun drill; reconnaissance, selection and occupation of position. Text: **Wilson Field Artillery Manual, Vol. II.** Students are paid \$9 a month and \$20 uniform allowance by U. S. War Department.

Prerequisite: **My. 203** and **204.**

PHYSICS

Administered in the College of Arts and Sciences

Ps. 105-106.—Theory of Mechanics and Heat, Acoustics, and Optics. 3 hours. 6 credits. No credit allowed toward a degree until the entire 6 credits are earned.

General physics, designed primarily for engineering students, open to any student having the necessary prerequisites.

Prerequisites: high school physics and trigonometry.

Required of freshmen engineering students.

Ps. 107-108.—General Laboratory Physics. 4 hours' laboratory. 4 credits. No credit toward a degree will be allowed until the entire 4 credits are earned.

Fundamental experiments in mechanics and heat, acoustics and optics, supplementing Ps. 105 and Ps. 106.

Laboratory fee: \$3 each semester.

Required of freshmen engineering students.

Ps. 111.—Elementary Theory of Mechanics and Heat. 3 hours. 3 credits.

A college course designed to meet the needs of the general student. Required of agriculture, architecture, Bachelor of Science, and pre-medical students.

Ps. 112.—Elementary Theory of Sound, Light, and Electricity. 3 hours. 3 credits.

A college course designed to meet the needs of the general student. Required of architecture, Bachelor of Science, and pre-medical students.

Ps. 113-114.—Lecture Demonstration Course. 1 hour. 2 credits. No credit toward a degree will be allowed until the entire 2 credits are earned.

Demonstration lectures designed to supplement Ps. 111 and Ps. 112 and should be taken by all students electing those courses.

Required of architecture, Bachelor of Science, and pre-medical students.

Ps. 115-116.—Elementary Laboratory Physics. 3 hours' laboratory. 2 credits.

A series of laboratory experiments in general physics designed to supplement Ps. 111 and Ps. 112 and should be taken by all students electing these courses.

Laboratory fee: \$2.25 each semester.

Required of Bachelor of Science students. Ps. 115 is required of agriculture students.

Ps. 209.—Theory of Electricity and Magnetism. 2 hours, and 2 hours' laboratory. 3 credits.

A continuation of general physics, designed primarily for engineering students.

Prerequisites: Ps. 105 to Ps. 108, or their equivalent.

Laboratory fee: \$1.50.

Required of sophomore engineering students.

Ps. 299.—Advanced General Physics. 3 hours. 3 credits.

A transition course between the elementary courses in physics and the special studies enumerated below. It presents a somewhat advanced survey of the whole field of physics.

Prerequisite or corequisite: calculus.

Ps. 299, or its equivalent, is a prerequisite to any of the advanced courses offered in the physics department, and is required of all sophomore engineering students who have taken Ps. 111 to Ps. 116, first year.

PHYSICAL EDUCATION

Pl. 101-102.—Gymnastics. 2 hours. 1 credit. Haskell and staff.

Instruction given in free exercises for general development and muscular coordination. Elementary work on apparatus, emphasizing form, approach, and execution.

Instruction and play in tennis, football, baseball, basketball, playground ball, and track.

OTHER DEPARTMENTS

A description of courses administered in the College of Engineering and required of engineering students, has been printed in this bulletin. For descriptions of other courses, see bulletins of the colleges in which these courses are administered.

THE UNIVERSITY CALENDAR

1930-31

The Summer Session

1930

June 16, Monday.....	Summer Session begins.
June 28, Saturday.....	Last day for filing application for degree at the end of the summer session.
July 4, Friday	Independence Day, a holiday.
July 14, Monday.....	Last day to make graduate applications.
July 23, Wednesday.....	Last day for submitting theses to the Graduate Committee.
August 6, Wednesday 8:00 p.m.....	Summer Session Commencement Convocation.
August 8, Friday 5:00 p.m.....	Summer Session ends.
August 18, Monday	Farmers' Week begins.
August 30, Saturday.....	Last day for filing applications for fall re-examinations.

First Semester

September 11-13, Thursday to Saturday	Entrance examinations.
September 15, 16, 17, Monday thru Wednesday	Re-examinations.
September 15-19, Monday thru Friday..	Freshman registration and orientation, including Engineering Qualifying Examination and other tests. (A special program of the routine of this week will be available by June 1, 1930.) All freshmen must be present at the University Auditorium at 11:00 o'clock a.m. Monday, September 15, or they will not be registered during that week and will be required to pay the fees for late registration.
September 18-19, Thursday and Friday..	Registration for upperclassmen.
September 22, Monday 8:00 a.m.....	Classes meet for the first time.
September 29, Monday 8:00 a.m.....	Changes in courses—fee \$2.00.
October 6, Monday 7:00 p.m.....	Meeting of the General Faculty.
October 11, Saturday 12:00 noon.....	Registration for classes in the first semester closes. Last day for making applications for degrees at the end of the first semester.
October 17, Friday, 5:00 p.m.....	All freshmen grades due in the office of the Registrar.
October 18, Saturday 12:00 noon.....	Last day for dropping courses without grade. Annual Dad's Day and Homecoming.

October 31, Friday 5:00 p.m.....	Last day for graduate applications.
November 8, 3:00 p.m.....	Dedication for new stadium.
November 11, Tuesday.....	Armistice Day, a holiday.
November 21, Friday 5:00 p.m.....	Mid-semester grades are due in the office of the Registrar.
November 27, Thursday	Thanksgiving Day, a holiday.
December 19, Friday 5:00 p.m.....	Christmas Recess begins.
1931	
January 5, Monday 8:00 a.m.....	Christmas Recess ends.
January 17, Saturday 12:00 noon.....	Last date for submitting theses to Graduate Committee.
January 22, Thursday 8:00 a.m.....	Final examinations for the first semester begin.
January 30, Friday 5:00 p.m.....	First semester ends.
January 31, Saturday 12 noon.....	All semester grades are due in the office of the Registrar.
Saturday 8:00 p.m.....	Commencement Convocation.

Second Semester

February 2 and 3, Monday and Tuesday	Second semester begins. Registration for second semester.
February 4, Wednesday 8:00 a.m.....	Second semester classes begin. Change in courses—fee \$2.00. Late registration fee \$5.00.
February 7, Saturday 12:00 noon.....	Registration for second semester closes.
February 14, Saturday 2:00 p.m.....	Meeting of the General Faculty.
February 21, Saturday 12:00 noon.....	Last date for filing applications for re-examinations.
February 23, and March 7, 2-5 p.m.....	Re-examinations.
February 28, Saturday 12:00 noon.....	Last date for application for degrees at the end of the second semester. Last date for filing graduate applications for those entering the second semester.
March 7, Saturday 12:00 noon.....	Last day for dropping a course without grade.
April 3, Friday 5:00 p.m.....	Mid-semester grades are due in the office of the Registrar.
April 8, Wednesday 5:00 p.m.....	Spring holiday begins.
April 13, Monday 8:00 a.m.....	Classes resumed.
May 21, Thursday 8:00 a.m.....	Final examinations begin.
May 30, Saturday 2:00 p.m.....	Meeting of the General Faculty.
May 30-June 1, Saturday to Monday....	Commencement Exercises.
May 30, Saturday	Class Day Exercises and oratorical contests.

May 31, Sunday 11:00 a.m.....	Baccalaureate Sermon.
June 1, Monday 10:00 a.m.....	Commencement Convocation.
June 1, Monday 1:00 p.m.	Annual Alumni Luncheon and Meeting.
June 1, Monday	Boys' Club Week begins.
June 15, Monday	Summer Sessions begins.
August 7, Friday	Summer Session ends.
September 21, Monday	Registration for 1931-32 session.

Entrance Examinations

Entrance examinations for admission to the various colleges of the University will be conducted for students whose credits do not meet the requirements.

Candidates wishing to take any of these examinations should notify the Registrar in writing, not later than September 1, January 15, June 1, or June 20.



The University Record

of the

University of Florida

Bulletin of the

Teachers College

With Announcements for the

Year 1930-31



Vol. XXV, Series I No. 11

August 1, 1930

*Entered in the post office in Gainesville as second class matter,
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The University Record of the University of Florida is issued once every month except June, when it is issued six times.

The Record comprises:

The Reports of the President and the Board of Control, the Bulletin of General Information, the annual announcements of the individual colleges of the University, announcements of special courses of instruction, and reports of the University Officers.

These bulletins will be sent gratuitously to all persons who apply for them. The applicant should specifically state which bulletin or what information is desired. Address

THE REGISTRAR
University of Florida
Gainesville, Florida

Research Publications.—Research publications will contain results of research work. Papers are published as separate monographs numbered in several series.

There is no free mailing list of these publications. Exchanges with institutions are arranged by the University Library. Correspondence concerning such exchanges should be addressed to the University Librarian, University of Florida, Gainesville, Florida. The issue and sale of all these publications is under the control of the Committee on Publications. Requests for individual copies, or for any other copies not included in institutional exchanges, should be addressed to the University Bookstore, University of Florida, Gainesville, Florida.

The Committee on University Publications
University of Florida
Gainesville, Florida

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FACULTY OF THE TEACHERS COLLEGE

ADMINISTRATIVE OFFICERS

JOHN JAMES TIGERT, M.A. (Oxon.), Ed.D., D.C.L., LL.D., President

JAMES MARION FARR, M.A., Ph.D., Vice-President

JAMES WILLIAM NORMAN, M.A., Ph.D., Dean

GLENN BALLARD SIMMONS, M.A., Assistant Dean

ELIZABETH ROUNTREE YEATS, B.S., Secretary to Teachers College

HARLEY WILLARD CHANDLER, M.S., Registrar

JOHN VREDENBURGH McQUITTY, B.A., Assistant Registrar

FACULTY

ALFRED CRAGO, M.A. (Nebraska), Professor of Educational Psychology and Tests and Measurements

JOSEPH RICHARD FULK, M.A., Ph.D. (Nebraska), Professor of Public School Administration

EDWARD WALTER GARRIS, M.A., Ph.D. (Peabody), Professor of Agricultural Education

ELLSWORTH GAGE LANCASTER, M.A., B.D., Ph.D. (Clark), LL.D., Assistant Professor of Child and Adolescent Psychology

JAMES WILLIAM NORMAN, M.A., Ph.D. (Columbia), Dean, and Professor of Education

JOSEPH ROEMER, M.A., Ph.D. (Peabody), Professor of Secondary Education

ELLIS BENTON SALT, M.A. (Columbia), Associate Professor of Health and Physical Education

GLENN BALLARD SIMMONS, M.A. (Florida), Assistant Dean and Associate Professor of Public School Administration

JACOB HOOPER WISE, M.A. (Florida), Assistant Professor of Supervised Teaching

GRADUATE FELLOWSHIPS

EDGAR BERNARD JOHNWICK, B.S.

HENRY BROWARD MILLER, A.B.E.

GENERAL INFORMATION

HISTORY

When the University was established by the Buckman Act in 1905, a normal department was provided in the College of Arts and Sciences for the purpose of training teachers. Normal instruction remained a part of the work of the College of Arts and Sciences until 1912, when the Peabody Education Board gave \$10,000 to the University for the purpose of erecting a building for Teachers College. This building was completed in 1913, and Teachers College as a separate school was established. The expressed purpose of this college was to train teachers, supervisors, and school administrators. John A. Thackston was named as the first dean and served in that capacity until 1916, when he resigned to become Dean of the College of Education of the University of Tennessee. He was succeeded by Harvey W. Cox, under whose administration the College continued until 1920, when he resigned to become President of Emory University. The present Dean was appointed in 1920.

AIM AND SCOPE

The main purpose of the Teachers College is to furnish such training as will be most useful to its students in the profession of teaching. It is the policy of Teachers College, emphasized on many occasions, that its graduates shall know much about the subjects they expect to teach, but it is equally as important that they should be resourceful in teaching a class and skilful in managing a school, or a system of schools. This college attempts to give both kinds of training. More specifically, it prepares its students for positions as teachers, principals, supervisors and county or city superintendents of public instruction. It strives also to develop in its students a keen insight into human affairs, human relationships and human problems. About one-fourth of a student's time is devoted to professional subjects in education, the other three-fourths to academic subjects.

LIBRARY

The University Library contains about 60,000 volumes, of which there are more than 2800 modern books in education. In addition it has the complete file of the leading American educational journals.

FACILITIES FOR OBSERVATION AND PRACTICE

Through the courtesy of the public school authorities of Gainesville, opportunity for educational investigation as well as student-teaching and observation under supervision is provided. Gainesville has two elementary schools and one well equipped junior-senior high school. There are more than a score of standard elementary and secondary schools within a 20-mile radius of the University. These offer opportunity for first-hand study of all phases of education.

ADMISSION

For information relative to admission to Teachers College see *University of Florida Bulletin on General Information, 1930-31*, pages 26-27-28-30-31.

Anyone not a high school graduate, who is 21 years of age may, with the Dean's approval, register as a "special student."

REGULATIONS

The regulations governing the Teachers College may be found in the constitution and by-laws of the University.

The rules and regulations of the University are published in a separate bulletin entitled *By-Laws of the University of Florida*, and copies are distributed to all who register at the University. Each student is held responsible for the observance of the rules and regulations of the University insofar as they affect him.

SCHOLARSHIPS

To aid and encourage ambitious and worthy young people to become teachers, the State provides scholarships of \$200 per year for four years to enable young men and women to attend the University of Florida, or Florida State College for Women, respectively.

In each county one man and one woman may be selected for each of the county's representatives in the state legislature.

To secure this aid it is necessary for the applicant to be a graduate of a four-year high school and to pass a reasonable examination on high school subjects, given by the State in August in the various county seats. The successful male applicants are required to register at the University of Florida, in the Teachers College. After completing their courses they will be expected to teach in the State for two years. The scholarships may be used in the Regular Session, and also in the Summer Session of the University. Students contemplating taking the examination for the scholarships must make application to the State Superintendent of Public Instruction and also to their county superintendents. The Dean of Students at the University will be glad to give information relative to scholarship vacancies.

Similar scholarships are offered in every senatorial district in Florida. A man holding a senatorial scholarship may register in any college of the University of Florida and is not required to teach two years after graduation.

GRADUATE FELLOWSHIPS

For the purpose of encouraging graduate study in education, the University offers two five-hundred-dollar teaching fellowships, open to graduate students only. Application for these fellowships should be made to the Dean of Teachers College by March 15th.

ESTIMATED EXPENSES

There are no special fees for the Teachers College. However, students registering in the Teachers College must pay the annual fees which are required of all students registering in the University. These fees are as follows:

Registration and Contingent Fee	\$ 7.50
Dormitory Breakage Fee (in the form of a deposit).....	10.00
Student Activity Fee	23.60
Infirmary Fee	9.00
Laboratory fees, varying for the various courses.....	
Locker Service Fee	1.50
Military Fee	1.00

Students not residents of Florida are charged a non-resident tuition fee of \$100, payable \$50 per semester. For details concerning these various fees see the *Bulletin of General Information*.

Annual necessary expenses of the average student in the Teachers College residing in Florida are estimated as follows:

Registration and Student Activity fees.....	\$ 42.60
Board and lodging in Commons and dormitory (if paid by the semester in advance—	
Old Dormitory	209.00
New Dormitory	240.00
Laundry (about)	20.00
Book and laboratory fees	37.75

SOCIETIES AND CLUBS

PHI KAPPA PHI

A chapter of the Honor Society of Phi Kappa Phi was established at the University during the spring of 1912. To be eligible for membership a student must have been in attendance at the University for at least one year, or three summer sessions, have been guilty of no serious breaches of discipline, have had at least three years of collegiate training, be within one year of finishing a course leading to a degree, and stand among the first tenth of the senior class of the University. Candidates for election to Phi Kappa Phi must have attained an honor point average of two on all scholastic work, wherever done, for which credit toward a degree is received.

KAPPA DELTA PI

Kappa Delta Pi is an honorary educational society. Juniors and seniors in the Teachers College making an honor point average of 2 are eligible for membership.

PEABODY CLUB

All students of the Teachers College are eligible for membership in Peabody Club. This organization meets weekly in Peabody Auditorium, where delightful and instructive programs are rendered.

SPECIAL INFORMATION

ORANGE AND BLUE BULLETIN

A mimeographed sheet is issued each day during the session and appears on all bulletin boards for the dissemination of information, changes in schedule, club meetings, lost and found notices, etc. This is the medium used by faculty and students for making announcements and each student should read the *Orange and Blue Bulletin* daily.

EMPLOYMENT BUREAU

As the Teachers College wishes to serve the whole state in every possible way, a teachers' employment bureau was established several years ago. It is open throughout the year.

Its duties are to assist students and graduates of the University to obtain positions in the teaching profession. It keeps on file both information as to vacancies and as to available teachers. When called upon the Bureau tries to meet the needs of both teachers and school officials.

The Director of the Bureau will be glad to be informed of present or prospective vacancies in positions for which college-trained men or women are eligible. No charges are made for services, though students are required to pay for all telegrams and telephone calls made in their behalf.

Communications in regard to teaching positions should be addressed to the Director of the Employment Bureau, University of Florida, Gainesville.

STUDENT LOAD

Students may register for classes according to the following schedule. A student who has in the preceding semester or summer school an honor point average of less than one may not register for more than 16 credits (8 in Summer School).

If a student's average in the preceding semester is from one honor point up to, but not including, two, he may not register for more than 19 credits (10 in Summer School).

If a student's average in the preceding semester is from two honor points up to, but not including, three, he may not register for more than 21 credits (11 in Summer School).

If a student's average in the preceding semester is three honor points, he may not register for more than 24 credits (12 in Summer School).

The minimum load is 13 credits.

CERTIFICATES

Graduate State Certificates.—Graduates of the University are granted Graduate State Certificates without further examination, provided that three-twentieths of their work has been devoted to professional training and provided that they have satisfied the requirement of the law as to the Constitution of the United States. It is well for the student to note that a Graduate State Certifi-

cate permits him to teach only those subjects that are listed on such Certificate, and that only those subjects will be placed on his Certificate in which he has specialized in his college course. This will ordinarily mean that a subject must have been pursued at least two years in college, in addition to credit for all high school courses offered in that subject by a standard high school, before a Certificate to teach that subject will be granted. Applicants for the Graduate State Certificate must apply to the State Superintendent of Public Instruction, Tallahassee, for application blanks and for further information.

Graduate State Certificates may be converted into Life Certificates by "presenting satisfactory evidence of having taught successfully for a period of twenty-four months under a Graduate State Certificate, and presenting endorsement of three holders of Life State, Life Graduate State, or Life Professional Certificates." Application for a Life Graduate State Certificate must be filed before the expiration of the Graduate State Certificate.

EXTENSION OF CERTIFICATE

Anyone enrolled in Teachers College and taking as much as one 2-credit course in education may, upon the recommendation of the faculty of the College, receive an extension of one year on any or all valid Florida certificates.

GRADES AND HONOR POINTS

Marking System.—Results of work are recorded in the Registrar's office as follows: A—Exceptionally high quality, valued at three quality points for each credit; B—Good, valued at two quality points for each credit; C—Fair, valued at one quality point for each credit; D—Unsatisfactory, indicating a deficiency and giving no quality points, but giving credit for graduation; E—Failure; I—Incomplete; R—Conditional (may be given to freshmen and sophomores only); X—Absent from examination with excuse approved by the instructor.

Explanations.—A student must have an average of at least C on all work offered for advanced standing. In addition, to obtain the degree applied for, he must earn at the University of Florida as many honor points as credits.

The grade E means that, in order to be credited, the work must be taken over in class.

The grade I means that some relatively small part of the term's work remains undone because of sickness or of some other reason satisfactory to the instructor. This work must be completed within two months after the student re-enters the University, if credit for the course is to be gained. The grade I is not given to a student whose work is below passing. If not removed within two months it will be changed to E.

The grade R (given to freshmen and sophomores only) denotes a condition with re-examination privileges at the next re-examination period during residence in the University. If the re-examination is not taken at this time, or is taken and not passed, the grade R will automatically be changed to E. The passing grade for graduate students is B.

AMOUNT OF CORRESPONDENCE WORK PERMITTED

No person shall be allowed to take more than 48 credits by correspondence study and extension class toward a degree. No person shall be allowed to take more than 12 of the last 36 credits necessary for a Bachelor's Degree by correspondence study or extension class. No person shall be allowed to take more than 9 credits of work by correspondence during the summer vacation period. A student shall not be allowed to take work by correspondence while he is in residence without the consent of the dean. This will be granted only in exceptional cases. In the case of candidates for the Normal Diploma, the students may not take more than 24 credits by correspondence or extension.

DEGREES AND CURRICULA

DEGREES OFFERED

Students completing any of the prescribed four-year courses may obtain the respective degree: i. e., Bachelor of Arts in Education, Bachelor of Science in Education, Bachelor of Science in Agricultural Education, or Bachelor of Science in Physical Education.

Students completing the prescribed two-year course may obtain the Normal Diploma.

ABBREVIATIONS

The following abbreviations are used throughout this bulletin:

Bly.—Biology	Hy.—History
Bty.—Botany	Ln.—Latin
Bs.—Business Administration	Ms.—Mathematics
Cy.—Chemistry	My.—Military Science
Cr.—Coaching	Pl.—Physical Education
Es.—Economics	Psy.—Psychology
En.—Education	Ps.—Physics
Eh.—English	Pcl.—Political Science
Fh.—French	Sy.—Sociology
Gn.—German	Sh.—Spanish

CURRICULUM LEADING TO THE NORMAL DIPLOMA

Course	Credits
Physical Education 101 and 102	2
Education 101	3
Education 102	3
or	
Education 103	3
Education 203	3
Education 311, 312, 341, 371, or 372	2
Education 415, 425, 435, 455, or 465	2
English 101 and 102	6
English 201 and 202	6
Military Science 103 and 104	4
Military Science 203 and 204	4
Elect one group (page 13)	12
Elect another group (page 13)	12
Elective credits (approved by dean)	7
Total credits	66

CURRICULUM LEADING TO THE BACHELOR'S DEGREE

If after taking the Normal Diploma the student wishes to take the Bachelor's Degree he must take an additional 66 credits. The following work must be included:

Course	Credits
Education 207	3
Education 308	3
Education 311, 312, 341, 371, or 372	2
Education 415, 425, 435, 455, or 465	2
Education 101	3
Education 403	3
Complete two groups (see page 13)	
Students who expect to be principals must take:	
Education 404	3
and	
Education 466	3
or	
Education 408	3
Total credits	132

In case a student is exempt from military science, he must substitute an equal number of credits from other departments.

THE GROUPS

For the degrees of Bachelor of Arts in Education and Bachelor of Science in Education the student must complete all courses in two of the following groups. Group E must be elected if the student desires the degree of Bachelor of Science in Education:

A—ANCIENT LANGUAGES

Latin 101-102 }
 Latin 201-202 } 18
 Latin 203-204 } credits

B—MODERN LANGUAGES

Fh. 21-22 }
 Fh. 101-102 }
 Fh. 201-202 }
 or
 Sh. 21-22 }
 Sh. 101-102 } } 18
 Sh. 201-202 } } credits
 or
 Gn. 21-22 }
 Gn. 101-102 }
 Gn. 201-202 } }

C—ENGLISH

Eh. 101-102 }
 Eh. 103-104 } 22
 Eh. 201-202 } credits
 Eh. 301-302 }
 Foreign Language }
 6 credits } 12
 English or Foreign } credits
 Language 6 credits }

D—MATHEMATICS

Ms. 101-102 }
 Ms. 251-252 } 18
 Ms. 331 } credits
 Ms. 568 }

E—NATURAL SCIENCE

Bly. 101 }
 Bty. 101-102 }
 Bly. 106 }
 Cy. 101-102 } 36
 Ps. 111-112 } credits
 Ps. 113-114 }
 Ps. 115-116 }

F—SOCIAL SCIENCE

Hy. 101-102 }
 Pel. 101-102 } 24
 Es. 101-102 } credits
 Sy. 102-411 }
 Adv. Hy. 12 }
 credits or } 36
 Adv. Pel. 12 } credits
 credits or } 12
 Adv. Es 12 } credits
 credits or }
 Adv. Sy. 12 }
 credits }

G—COMMERCIAL EDUCATION

Es. 101-102 }
 Bs. 83-84 }
 Bs. 87 }
 Bs. 103-104 } 35
 Bs. 211-212 } credits
 Bs. 401-402 }
 Eh. 355-356 }

THE CURRICULUM LEADING TO THE DEGREE OF BACHELOR OF SCIENCE
IN AGRICULTURAL EDUCATION

Academic Subjects	Credits
English 101-102	6
Speech 201	3
Journalism 316	3
Psychology 201	3
Mathematics 204	3
Sociology 102 or 322	3
	21
Military Science and Physical Education	
Military Science 103-104	4
Military Science 203-204	4
Physical Education 101-102	2
	10
Science Subjects	
Chemistry 105-106	9
Botany 101-102	8
Biology 101	5
Physics 111	4
Entomology 302 }	4
or	
Bacteriology 301 }	4
	30
Professional Subjects	
Education 207	3
Education 303-304	6
Education 306	3
Education 401	3
Education 409-410	6
	21
Agricultural Subjects	
Animal Husbandry 104	4
Dairying 201	3
Poultry Husbandry 202	3
Veterinary Science 302	2
Horticulture 206	3
Horticulture 101	3
Agricultural Engineering 202	4
Agricultural Engineering 303	3
Agronomy 301	5
Agronomy 302	3
Agricultural Economics 306	3
Agricultural Economics 308	3
Electives in Agriculture	8
	47
Approved Electives	3
Total credits	132

THE CURRICULUM IN PHYSICAL EDUCATION

Leading to degree of Bachelor of Science in Physical Education*
For those specializing in Physical Education and Coaching

FRESHMAN YEAR

First Semester		Second Semester	
Names of Courses	Credits	Names of Courses	Credit
English 101	3	English 102	3
Biology 101	5	Biology 108	5
Select One Group	3	Continue One Group	3
Military Science 103	2	Military Science 104	2
Coaching 101, Football (1st half (sem.)	2	Phys. Educ. 112, Calisthenics, March- ing and Gymnastic Dancing.....	2
Coaching 111, Basketball (2nd half (sem.)	2	Phys. Educ. 114, Elem. & Adv. Gym.	2
	<hr/>		<hr/>
	17		17

SOPHOMORE YEAR

Education 101	3	Education 2103	3
English 201	3	English 202	3
Continue Group Selected	5	Continue Group Selected	5
Military Science 203	2	Military Science 204	2
Phys. Educ. 231, First Aid and Train- ing	1	Phys. Educ. 232, First Aid and Con- ditioning	1
Coaching 201, Football (1st half sem.)	2	Coaching 204, Track and Field.....	3
Coaching 251 (Boxing), 241 (Wrest- ling), or 261 (Fencing) (2nd half sem.)	1		
	<hr/>		<hr/>
	17		17

JUNIOR YEAR

Education 301	3	Sociology 102	3
Philosophy 201	3	Education 0207	3
Journalism 311, Sports Writing.....	3	Phys. Educ. 372, Organ and Admin. of Athletics	1
Phys. Educ. 341, Programs	1	Phys. Educ. 362, Phys. Diagnosis and Corrective Gym.	3
Phys. Educ. 351, Intramurals.....	2	Coaching 344, Baseball	3
Coaching 301, Football (1st half sem.)	1	Coaching 372, Coaching and Offici- ating	2
Coaching 302, Basketball (2nd half sem.)	1	Elective	1
Sociology 332, Public Health.....	2		
	<hr/>		<hr/>
	16		16

SENIOR YEAR

Education 405	3	Education 0401 or 408 or 406.....	3
Phil. 405, Physical and Mental Tests	3	Psychology of Athletics	3
Phys. Educ. 481, Community Recrea- tion and Playgrounds	1	Phys. Educ. 422, Athletic and Gym- nasium Construction and Equip- ment	1
Public Speaking 201	3	Phys. Educ. 492, Practice Teaching....	2
Phys. Educ. 491, Practice Teaching....	2	Coaching 472, Officiating (Practice)..	1
Coaching 471, Officiating (Practice)	1	Continue Group Selected	6
Continue Group Selected	3		
	<hr/>		<hr/>
	16		16

*Students who elect Group E may take the degree of Bachelor of Science in Education if they prefer.

DEPARTMENTS OF INSTRUCTION

Subjects with odd numbers are given in the first semester and subjects with even numbers are given in the second semester unless the number begins with 0, in which case the reverse is true.

The number of hours given is the number of hours which the class meets per week.

The number of credits is the number of semester credit hours earned by each student who receives a passing grade (A, B, C, or D) when the subject is completed. Unless specifically stated, credit will be allowed for one semester of a year course.

Subjects numbered 200 or above are for sophomores; subjects numbered 300 or above are for juniors; subjects numbered 400 or above are for seniors; subjects numbered 500 or above are for graduate students.

The abbreviations used are wherever possible the first and last letter of the first word of the department name. Occasionally, a third central letter is demanded to distinguish between departments where first and last letters are identical.

BIOLOGY

Bly. 101.—Principles of Animal Biology. 2 hours' and 4 hours' laboratory and 1 hour quiz. 5 credits. Hubbell and staff.

An introduction to the subject matter and principles of zoology.

Laboratory fee: \$5.

A prerequisite for all other courses in this department except Bly. 0105. Required of first year pre-medical, physical education and agricultural students and of all B.S. students.

Bly. 104.—Comparative Vertebrate Anatomy. 2 hours, and 4 hours' laboratory and 1 hour quiz. 5 credits. Sherman.

A comparative study of the main classes of vertebrates.

Prerequisite: **Bly. 101.**

Laboratory fee: \$5.

Bly. 105.—Organic Evolution. 3 hours. 3 credits. Hubbell.

An examination of the data upon which the concept of organic evolution is based, the status of evolution as a principle of biology, the theories to account for the mechanism of evolution and a review of the history of the evolution idea in biology.

Prerequisite: **Bly. 101.**

For other courses in biology see the *Bulletin of the College of Arts and Sciences*.

BOTANY

Bty. 101.—General Botany.—2 hours, and 4 hours' laboratory. 4 credits. No credit toward a degree will be allowed until credit in Bty. 102 is earned. Cody, Carroll.

The plant cell; structure and life histories of spore plants.

Laboratory fee: \$5.

Bty. 102.—General Botany. 2 hours, and 4 hours' laboratory. 4 credits. Cody, Carroll.

Structure, life histories and principles of classification of seed plants.

Laboratory fee: \$5.

For other courses in botany and bacteriology see the *Bulletin of the College of Agriculture*.

BUSINESS ADMINISTRATION

Bs. 83 or 083.—Office Management. 2 lectures and 4 hours' laboratory. 2 credits. Scaglione.

Instruction in office organization; office function; duties of office manager; the modern secretary in relation to office operation; practical use of modern office appliances; instruction in typing.

Laboratory fee: \$15.

Bs. 84 or 084.—Office Management. 2 lectures and 4 hours' laboratory. 2 credits. Scaglione.

Shorthand. Instruction in principles of practical stenography—filing—office appliances and their use.

Laboratory fee: \$5.

Bs. 87 or 087.—Office and Shorthand Practice. 3 hours. 1 credit. Scaglione.

The practical application of stenography in the modern business office. Prerequisite: **Bs. 84** or equivalent.

Laboratory fee: \$5.

Bs. 101E.—Economic History of Eng'land. 3 hours. 3 credits. Dykman, Scaglione, Hurst, Chace.

Survey and interpretation, with brief reference to France and Germany. The origin and development of economic institutions, the manor, industrial revolution, commerce, transport, labor, agriculture, finance, effects on social and political development and on development in the United States.

Bs. 102E.—Economic History of the United States. 3 hours. 3 credits. Dykman, Scaglione, Hurst, Chace.

Interpretative survey of industrial development—consideration of the development of industry, agriculture, trade and transportation, labor, banking, finance, population—the influence of economic development on political and social development, and of foreign economic development on the United States.

Bs. 103.—Principles of Economic Geography. 3 hours. 3 credits. Atwood, Hicks, Putnam.

The adjustments to natural environment which man makes to secure a living; a world-wide survey of the distribution and characteristics of land forms, surface and ground waters, soils, minerals, climate, natural vegetation, and animal life with particular reference to the bearing of natural environment on the economic activities of man.

Bs. 104.—Principles of Economic Geography. 3 hours. 3 credits. Atwood, Hicks, Putnam.

A study of the economic resources of the world; sources and economic importance of principal commodities; types of basic industries, including processes of production, localizing factors and relative positions of various geographical territories. Special attention will be devoted to the South in general and to Florida in particular.

Bs. 201E-202E or 0202E-0201E.—Principles of Economics. 3 hours. 6 credits. No credit toward a degree will be allowed until Bs. 202 is completed. Eldridge, M. D. Anderson, Dolbeare, Bigham, Hicks.

An analysis of production, distribution, and consumption. Attention is devoted to the principles governing value and market price with a brief introduction to money, banking and credit, industrial combinations, transportation and communication, labor problems, and economic reform.

Bs. 211-212 or 0212-0211.—Principles of Accounting. 2 hours, and 2 hours' laboratory. 6 credits. No credit toward a degree will be allowed until Bs. 212 is completed. Gray, Ward.

Lectures, problems, and laboratory practice. An introductory study of the underlying principles of double entry records; basic types of records and reports; accounting procedure and technique; the outstanding features of partnerships and corporations; the form and content of the balance sheet and the statement of profit and loss.

Bs. 402.—Advanced Business Law. 3 hours. 3 credits. Hurst.

Conveyances and mortgages of real property; sales and mortgages of personal property; the law of negotiable instruments; partnership.

Bs. 404E.—Social Control of Business Enterprise. 3 hours. 3 credits. Hurst.

General survey of the field of social control; purposes of social control; formal and informal types of social control; control of accounts, prices and capitalization; government policy toward business, current government regulation; services and agencies which modern governments undertake to provide for business enterprises.

Prerequisite: **Bs. 201E and 202E.**

For other courses in business administration see the *Bulletin of the College of Commerce and Journalism.*

CHEMISTRY

Cy. 101.—General Chemistry. 4 hours, and 3 hours' laboratory. 5 credits. No credit toward a degree will be allowed until credit in Cy. 102 is earned. Heath in charge.

The fundamental laws and theories of chemistry, and the preparation and properties of the common non-metallic elements and their compounds. Students may begin this course either the first or second semester.

Laboratory fee: \$5.

Cy. 102.—General Chemistry, continued. 4 hours, and 3 hours' laboratory. 5 credits. Heath in charge.

Devoted largely to a study of the metallic elements and their compounds.

Laboratory fee: \$5.

For other courses in chemistry see the *Bulletin of the College of Arts and Sciences.*

COACHING

Cg. 101.—Football. 10 hours. 2 credits. Cowell.

Lectures, discussions, demonstrations and practice on the field. A combined lecture and practice course given largely on the practice field. Lectures are followed by actual demonstrations by the instructor, and students then put into practice the various fundamentals taught them. Course stresses individual play, and its relation to team play. Students are thoroughly drilled in offensive and defensive tactics, each position on the team being analyzed. Fundamentals receive special attention, such as falling on the ball correctly, blocking and tackling, passing and kicking. Stress is placed upon the desirous qualities of a player for the various positions, and the manner in which men are selected is thoroughly grounded into the course.

Cg. 111.—Basketball. 10 hours. 2 credits. Second half first semester.

Cowell and Holsinger.

Lectures, discussions and demonstrations on the basketball court. A complete study is made of the game of basketball from an offensive and defensive point of view. The play of the individual is stressed. Fundamentals such as passing, dribbling, shooting, stops and pivots, are given special emphasis. Analysis is made of the systems of play used by leading coaches of the country. Students are assigned positions in actual scrimmage and practice games, the practical work being stressed as much as the theoretical.

Cg. 201.—Football. 10 hours. 2 credits. First half first semester.

Higgins.

Discussions, lectures and demonstrations by students on the field. Course covers the technique of playing the various positions on the team, both offense and defense, under actual game conditions. Various systems of play employed by celebrated coaches are discussed and analyzed. A sequence of plays from standard formations are worked out in signal drills and actual scrimmages. Special emphasis is laid upon team play.

Cg. 241.—Wrestling. 2 hours. 1 credit.

Course covers a complete discussion of the rules, with personal instruction and demonstration of the footwork, various holds as related to offense and defense. Special attention is given to fundamentals.

Cg. 251.—Boxing. 2 hours. 1 credit. O'Connell.

Scientific boxing. Course includes position of on guard, footwork, how to step and duck, how to block or guard the different blows. Instruction given in all attacks from the simple left lead at head to counters and cross counters on head or body. Feints and shifts. Teaching rules governing bouts, what is a foul blow, how to judge a bout.

Cg. 261.—Fencing. 2 hours. 1 credit. Burdett.

(a) Foils.—Instruction in elementary positions of on guard, advance and retreat; thrust and lunge; also all parries. Different attacks from the simple to the most advanced; direct attacks, indirect attacks, counter attacks, return attacks, time attacks; remise or renewed attacks; stop thrusts. (b). Sabres.—Instruction in elementary positions of on guard, advancing and retreating; thrusting; cuts and lunging. All the parries or guards; all attacks and returns; disengages; cut overs.

Cg. 301.—Football. 2 hours. 1 credit. First half first semester.

Bachman.

Advanced theory course for those who have had Cg. 101 and Cg. 201. Course deals with the science and generalship of the game from the point of view of the coach. The psychology of the game, rules, scouting, an intensive study of the strength and weakness of various systems as related to one another, all have their place in this advanced study of the game.

Cg. 344.—Baseball. 6 hours. 3 credits.

Lectures, discussions and demonstrations on the practice field. A complete discussion of the rules and a study of the fundamentals as applied to each department of the game is offered. Practical demonstrations in the theory of pitching, with special emphasis on delivery and a study of batters' weaknesses, are frequent. Bating, base-running, and the art of playing each position under actual game conditions is stressed. Individual and team play is correlated on the field so that a student becomes acquainted with the fundamentals of the game as applied to technique and strategy.

Cg. 372.—Coaching and Officiating. 2 hours. 2 credits. Haskell.

Objectives of physical education; department organization and administration; programs; teaching and supervising qualifications; supervision of gymnasiums, pools and playgrounds.

Cg. 471-472.—Coaching and Officiating. 2 hours. 2 credits. Haskell and Higgins.

In this course students are assigned to the various phases of coaching and physical education training. Students assist with the coaching of the classes in athletic coaching, assist in coaching the freshman and varsity football teams and intramural teams, and conduct the required gymnasium classes of the University. Students are thus given practical training under supervision of instructors in the actual coaching of all the major sports. The major sports, football, basketball, baseball and track, and such minor sports as boxing, wrestling and physical education, are utilized in affording this valuable and practical training.

ECONOMICS

Courses in economics are scheduled under business administration.

EDUCATION

En. 21.—Educational Adjustment. 3 hours. No credit. Simmons.

A course designed to meet the needs of students who may for any reason be failing in their studies.

En. 101 or 0101.—Introduction to Classroom Teaching. 3 hours. 3 credits. Simmons and Wise.

For students who have not taken any courses in Education.

En. 102 or 0102.—History and Principles of Education. 3 hours. 3 credits. Simmons.

A study of the historical background of education, and of the fundamental principles which should guide educational procedure and give appreciation of educational conditions of today.

En. 103 or 0103.—Health Education. 3 hours. 3 credits. Fulk, Lancaster, Simmons.

Conditions and forces that affect the physical and mental vigor of children, youth and teachers, and relate the school to the health of the home and community; the teacher's health; sanitation of school buildings; hygienic equipment; common diseases and physical defects; mental hygiene; play and recreation; community hygiene; teaching of health education in elementary and high schools; the Florida health program.

En. 143-144.—Methods of Teaching the Common Branches. 3 hours. 6 credits. Buchholz.

A course in methods of teaching the elementary school projects.

En. 203 or 0203.—Child and Adolescent Psychology. 3 hours. 3 credits. Lancaster.

The nature, growth and development of the child from birth to adolescence with reference to education will be the main consideration of this course.

En. 207 or 0207.—Educational Psychology. 3 hours. 3 credits. Crago.

Psychology applied to education, the learning process, acquisition of skill, etc.

En. 303-304.—Methods of Teaching Vocational Agriculture. 3 hours. 3 credits. Garris.

The organization of a long-time teaching program; selection of proper equipment, and the arrangement of the classroom and farm shop; organization of all-day, day-unit, part-time and evening classes; and methods employed in teaching these various groups.

En. 306.—Vocational Education. 3 hours. 3 credits. Garris.

The development, function and scope of vocational education; agricultural education, home economics education, trade and industrial education, and commercial education as provided for by the National Vocational Education Act of Congress.

En. 308.—The Elementary School Curriculum. 3 hours. 3 credits. Simmons.

The curriculum as a group of related problems and projects of vital interest to children. An attempt to formulate a curriculum based on social conditions and social needs.

En. 311.—Materials and Methods in English. 2 hours. 2 credits. Wise.

This course is open to juniors and seniors who have not had Education 301.

En. 312.—Materials and Methods in Foreign Languages. 2 hours. 2 credits. Wise.

This course is open to juniors and seniors who have not had Education 301.

En. 317.—Tests and Measurements. 3 hours. 3 credits. Crago

An elementary course designed to aid the teacher in the use of tests in the improvement of instruction and in the solution of school problems. One hour of laboratory work per week is required. Fee \$1.50.

En. 341.—Materials and Methods in History. 2 hours. 2 credits. Lancaster.

Open to juniors and seniors who have not had Education 301.

En. 371.—Materials and Methods in Science. 2 hours. 2 credits. Crago.

Open to juniors and seniors who have not had Education 301.

En. 372.—Materials and Methods in Mathematics. 2 hours. 2 credits. Crago.

Open to juniors and seniors who have not had Education 301.

En. 401 or 0401.—Administration and Supervision of Village and Consolidated Schools. 3 hours. 3 credits. Fulk and Simmons.

Problems peculiar to schools in Florida; the supervising principal, qualifications, relation to superintendent, boards, teachers, pupils, patrons and community; adapting the school to the child's needs; business practices. Required of seniors.

En. 402.—Administration Practice. 3 hours. 3 credits. Fulk, Simmons, Crago.

An intensive study of the supervision of instruction; visits to schools for the study of administrative and supervising practice; a survey of one school system. Prerequisite: Education 401 or administrative experience.

En. 403.—The Problem-Project Method. 3 hours. 3 credits. Norman.

The laws of learning, lesson-planning, thinking, questioning, the problem-project method, the socialized recitation, democracy in the classroom as a preparation for democracy in life.

En. 404.—History and Philosophy of Education. 3 hours. 3 credits. Norman.

Standards in education, past and present; the development and present meaning of the concept of culture, humanism, utility, growth, mental discipline, activity leading to further activity, education according to nature, the significance of child life in education. Textbook: Dewey, *Democracy and Education*.

Required of Seniors who expect to be principals.

En. 406.—Elementary School Administration. 3 hours. 3 credits. Simmons.

The problems that usually confront the elementary school principal will be stressed in this course.

This course or Education 408 is required of seniors who expect to be principals.

En. 408.—High School Administration. 3 hours. 3 credits. Roemer.

This course is designed to study the practical management and administration of the modern high school. Students may choose between Education 408 and Education 406.

En. 409-410.—Supervised Teaching of Vocational Agriculture. 3 hours. 6 credits. Garris.

Under supervision, students observe the teaching and all other duties of the agricultural instructor at Alachua during the first semester, and during the second semester each student participates in all of these activities taking the place of the regular instructor.

En. 415.—Supervised Teaching in English. 2 hours. 2 credits. Wise.

Practice in conducting recitations under close supervision. Lesson plans will be required for all recitations and the manner of teaching will be subject to criticism.

En. 425.—Supervised Teaching in Foreign Languages. 2 hours. 2 credits. Wise.

En. 435.—Supervised Teaching in History. 2 hours. 2 credits. Lancaster.

En. 455.—Supervised Teaching in the Sciences. 2 hours. 2 credits. Crago.

En. 465.—Supervised Teaching in Mathematics. 2 hours. 2 credits. Crago.

GRADUATE COURSES

En. 501.—The Elementary School Curriculum. 3 hours. 3 credits. Simmons.

An intensive study of the development and present content of the elementary school curriculum, including the kindergarten; the selection and evaluation of material.

En. 503.—Seminar in Educational Measurements. 2 hours. 2 credits. Crago.

Students will be guided in the investigation of educational problems involving measurement, diagnostic and remedial measures. The course is primarily for graduate students with experience in residence or in the field. Fee, \$1.50.

En. 504.—The School Survey. 3 hours. 3 credits. Fulk, Crago, Simmons.

Not given in 1930-1931.

En. 505.—The Organization and Administration of Extra-Curricular Activities in Junior and Senior High Schools. 3 hours. 3 credits. Roemer.

This course deals with constructive school policies which have to do with student life in the development of initiative, leadership, cooperation, and other desirable traits of character. Special study is made of the pupil programs existing in Florida high schools.

En. 506.—Methods of Teaching Farm-Shop Work. 2 hours. 2 credits. Garris.

The selection and organization of subject matter, the selection of equipment, and the methods of teaching farm-shop jobs. Offered as demands arise and during the summer school.

- En. 507.—Seminar in Educational Psychology.** 3 hours. 3 credits. Crago.
Students will be guided in the investigation of problems in directed learning, individual differences and adjustment of problem children. Primarily for graduate students with experience in residence or in the field.
- En. 508.—Democracy and Education Seminar.** 3 hours. 3 credits. Norman.
The nature of experience, the nature of institutions, the social inheritance, the individual, society, socialization, social control, dynamic and static societies, education its own end.
- En. 509.—Problems in the Administration of a School System.** 3 hours. 3 credits. Simmons.
Given in summer session.
Problems selected to meet individual needs; each student selects some problem for special study and presents the results of his study in the form of a thesis.
Prerequisite: **En. 401** or equivalent or administrative experience.
- En. 510.—The History of Education.** 3 hours. 3 credits. Fulk.
An attempt to evaluate present-day education by tracing its dominant factors—the teacher, the student, the curriculum, the educational plant, the means of control and support—back to their beginnings; and to point out present tendencies and possible developments.
- En. 511.—Methods and Materials in Vocational Agriculture.** 3 hours. 3 credits. Garris.
The selection and organization of subject-matter from the vocational point of view. Offered when demand arises and during the summer school.
- En. 512.—Methods and Materials in Vocational Agriculture.** 3 hours. 3 credits. Garris.
A continuation of Education 511.
- En. 514.—Pre-Adolescent Psychology.** 2 hours. 2 credits. Lancaster.
This course will cover the years from nine to thirteen in the life of the child. The growth, health, habits, mental and moral characteristics of the child in this stage of its development will be discussed. The course will bring out the meaning and social importance of adolescent growth and interests.
- En. 518.—Special Problems in High School Organization and Administration.** 3 hours. 3 credits. Roemer.
This course will consist of an intensive study of specific problems in organizing and administering the modern high school. Special reference will be made to Florida.
Prerequisite: **En. 408.**
- En. 519.—High School Curriculum.** 3 hours. 3 credits. Roemer.
The problems of the curriculum of the high school in its organization; standards for the selection of the curriculum; factors to be considered—age of pupils, social standing, probable school life, probable vocation; traditional subjects and their possible variations; new subjects and their values, systems of organization, election and prescription; problems of articulation with the elementary school, the college, the vocational school, and the community.
- En. 521.—Business Administration of a School System.** 3 hours. 3 credits. Fulk.
Not given 1930-1931.
Problems concerned with the procuring and spending of revenue; a thesis on a special problem.
Prerequisite: Wide administrative experience.
- En. 527.—Research and Thesis Writing.** 1 hour. No credit. Fulk.
Designed primarily to help graduate students in education in writing their theses. Required of all students majoring in education; open to all graduate students.

En. 528.—Supervision. 3 hours. 3 credits. Simmons.

A graduate course in the supervision of instruction.

En. 541.—Control and Support of Public Education. 3 hours. 3 credits. Fulk.

State, federal and other agencies of control and support of education in the United States; world—history background; present tendencies and possible developments. Saturday class; planned primarily for teachers in service.

En. 542.—The Curriculum and the Educational Plant. 3 hours. 3 credits. Fulk.

Present status of curriculum and plant and their relation in all types of schools, viewed in the light of their historical development; a world view with emphasis on present tendencies in the United States.

Not given 1930-1931.

En. 543.—The Teacher and the Learner. 3 hours. 3 credits. Fulk.

Some outstanding teachers, including educational theorists, philosophers, reformers and statesmen and their students; the training and professionalizing of the teacher; the spread, compulsion and extension of education and its relation to world revolutions.

Not given 1930-1931.

En. 547.—Mental Hygiene in Education. 3 hours. 3 credits. Lancaster.

Based upon a thorough knowledge of the nervous system and our biological and social inheritance, this course will inquire into the causes of mental abnormalities, or diseases, and will discuss methods of preventing them and also the best ways of conserving nervous energy of children and strengthening the normal mind.

En. 562.—Guidance and Counseling. 2 credits. Crago.

The course will include a study of guidance and counseling of high school students. Educational and vocational guidance and problems of personality adjustment will be considered.

En. 565-566.—Problems in Agricultural Education. Seminar. 3 hours. 6 credits. Garris.

Designed for graduate students who are qualified to select and pursue advanced problems. Problems will be selected to suit individual needs and the results of the study reported in the form of term papers. The class will meet for three hours every other Saturday during both semesters.

En. 567-568.—Problems in Agricultural Education. Seminar. 3 hours. 6 credits. Garris.

Similar to En. 565 and 566 in organization and offered in alternate years with it.

En. 569.—Problems in Organizing Part-time and Evening Classes. 6 hours. 3 credits. Garris.

The class will organize and teach a part-time or evening class in vocational agriculture in the Alachua community. Offered only in the summer school.

En. 603.—Foundations of Method. 3 hours. 3 credits. Norman.

The improvement of college and high school teaching. Open to graduate students and members of the University faculty who care to enroll.

ENGLISH

Eh. 21.—Minimum Essentials of English. 3 hours. No credit. Robertson and staff.

For freshmen deficient in preparatory English.

Eh. 101-102.—Rhetoric and Composition. 3 hours. 6 credits. Staff.

Required of all freshmen.

Eh. 103-104.—Introduction to Literature. 3 hours. 4 credits. No credit toward a degree will be allowed until the entire 4 credits are earned. Farr and staff.

A survey of the literatures of the Western World from the beginnings to the Renaissance.

Required of freshmen in the course leading to the degree of Bachelor of Arts.

Eh. 201-202.—History of Literature to 1800. 3 hours. 6 credits. No credit toward a degree will be allowed until the entire 6 credits are earned. Farr and staff.

A basic course in the historical development of English literature.

Eh. 301.—Shakespeare and the Drama. 3 hours. 3 credits. Farr.

A study of principal Shakespearean plays, through lectures, essays, and readings.

Eh. 302.—The Drama Before Shakespeare. 3 hours. 3 credits. Farr.

The classical drama, the religious play, the beginnings of secular drama, and Shakespeare's predecessors.

Eh. 355-356.—Business Writing. 3 hours. 6 credits. No credit allowed toward a degree until the entire 6 credits are earned. Mounts.

A practical study of the principal types of business letters and reports.

Required of students in business administration.

No credit for this course is given to students in the College of Arts and Sciences.

Prerequisite: **Eh. 101** and **102**.

For other courses in English see the *Bulletin of the College of Arts and Sciences*.

FRENCH

Fh. 21-22.—Elementary French. 3 hours. 6 credits. No credit toward a degree will be allowed until the 6 credits are earned. Staff.

Elements of pronunciation and grammar—reading of simple prose.

For beginners.

Fh. 101-102.—Third and Fourth Semester French. 3 hours. 6 credits. No credit toward a degree will be allowed until the 6 credits are earned. Staff.

Second-year college French: Reading of modern texts—grammar review—translation of simple English into French.

Prerequisite: **Eh. 21** and **22** (or the equivalent, such as two years of high school French).

Fh. 201-202.—Third-Year Reading. 3 hours. 6 credits. No credit for this subject will be given to those who have earned credit in **Fh. 207** and **208**. Stevens.

A translation course.

Prerequisite: Grade of C or D in **Fh. 102**. Students who earned a grade of A or B in **Fh. 102** should take **Fh. 207** and **208** instead of **Fh. 201** and **202**.

For other courses in French see the *Bulletin of the College of Arts and Sciences*.

GERMAN

Gn. 21-22.—Elementary German. 3 hours. 6 credits. Crow and Hauptmann.

Gn. 101-102.—Intermediate. 3 hours. 6 credits. Crow.

Gn. 203-204.—Third Year Reading. 3 hours. 6 credits. Crow.

For other courses see the *Bulletin of College of Arts and Sciences*.

GYMNASTICS

Pl. 101-102.—Gymnastics. 2 hours. 1 credit. Haskell and staff.

Instruction given in free exercises for general development and muscular coordination. Elementary work on apparatus, emphasizing form, approach, and execution.

Instruction and play in tennis, football, basketball, playground ball, track and baseball.

HISTORY

The courses in American history and in American government and Constitutional law are made possible by the Chair of Americanism and Southern History, partly endowed by the American Legion, Department of Florida.

Hy. 101.—Europe During the Middle Ages. 3 hours. 3 credits. No credit toward a degree will be allowed until credit in Hy. 102 is earned. Leake and staff.

A course in the history of Western Europe from 476 to the Crusades.

Required of all freshmen in the course leading to the degree of Bachelor of Arts.

Hy. 102.—Europe During the Middle Ages. 3 hours. 3 credits. Leake and staff.

A continuation of Hy. 101 covering the period from the Crusades to the Renaissance and Reformation.

Hy. 101 and 102 are prerequisites for all higher courses in history.

Required of all freshmen in the course leading to the degree of Bachelor of Arts.

For other courses in History see the *Bulletin of College of Arts and Sciences*.

LATIN

Ln. 101.—Ovid. 3 hours. 3 credits. No credit toward a degree will be allowed until credit is earned in Ln. 102. Anderson.

Selections—review of grammar—prose composition—prosody.

Ln. 102.—Cicero or Livy. 3 hours. 3 credits. Anderson.

Cicero's *De Senectute* and *De Amicitia* or selections from Livy.

Ln. 201.—Pliny. 3 hours. 3 credits. Anderson.

Selections from Pliny's letters.

Ln. 202.—Horace. 3 hours. 3 credits. Anderson.

Selections from the *Satires*, *Epistles*, *Odes* and *Epodes*, with study of the Horatian metres.

Ln. 203-204.—Grammar and Prose Composition. 2 hours. 4 credits. No credit toward a degree will be allowed until the entire 4 credits are earned. Anderson.

An intermediate course in prose composition in connection with a systematic study of Latin grammar.

Not offered in 1930-31.

MATHEMATICS

Ms. 85 or 085.—Plane Trigonometry and Logarithms. 3 hours. 3 credits. Staff.

Ms. 101 or 0101.—College Algebra. 3 hours. 3 credits. Simpson and staff.

Prerequisite: Ms. 85.

Ms. 102 or 0102.—Plane Analytic Geometry. 3 hours. 3 credits. Simpson and staff.

The algebraic study of the figures of geometry and the plane sections of a cone. Systems and transformation of coordinates. Textbook: Curtis and Moulton, *Analytic Geometry*.

Prerequisite: Ms. 101.

Ms. 251-252.—Differential and Integral Calculus. 3 hours. 3 credits, each semester. No credit toward a degree will be allowed until the entire 6 credits have been earned.

The study of a process known as differentiation, which, with its numerous and widely different applications, constitutes one of the most important practical and theoretical fields of mathematics. Integration, the inverse operation of differentiation, is used in the calculation of areas, volumes, moments of inertia, and many other problems. Textbook: March and Wolf, *Calculus*.

Prerequisites: Ms. 102 or Ms. 152.

Ms. 331.—College Geometry. 3 hours. 3 credits. Kokomoor.

Ms. 568.—History of Elementary Mathematics. 3 hours. 3 credits. Kokomoor.

A survey of the development of mathematics through the calculus, with special emphasis upon the changes of the processes of operations and methods of teaching. No specific text is followed, but numerous works are used as references.

For other courses in mathematics see the *Bulletin of College of Arts and Sciences*.

MILITARY SCIENCE

My. 103-104.—Freshmen Field Artillery. Compulsory. 2 hours' theory and 3 hours' practice. 4 credits. Captains Hepner and Donnovin.

The work is divided as follows: (a) Theoretical: organization—hygiene and first aid—elementary gunnery—explosives, ammunition and fuzes—military courtesy and discipline—drill and command. (b) Practical: dismounted drill—ceremonies—pistol instruction—individual equipment—materiel—75 mm. gun drill—gunners' examination. Text: *Wilson Field Artillery Manual, Vol. I*.

My. 203-204.—Sophomore Field Artillery. Compulsory. 2 hours' theory and 3 hours' practice. 4 credits. Captain Barco.

The work is divided as follows: (a) Theoretical: care of animals—map reading and sketching—fire control instruments—communications. (b) Practical: dismounted drill—ceremonies—equitation—driving—mounted drill—reconnaissance, selection and occupation of position. Text: *Wilson Field Artillery Manual, Vol. I*.

Prerequisite: My. 103 and 104.

For other courses in military science see the *Bulletin of the College of Arts and Sciences*.

PHYSICAL EDUCATION

Pl. 101-102.—See Gymnastics.

Pl. 107.—Personal Hygiene. 2 hours. 2 credits. Salt.

Pl. 211-212.—Applied Anatomy and Physiology. 2 hours. 4 credits. Salt.

Pl. 213-214.—Theory and Practice of Natural Activities Applied. 2 hours. 4 credits. Salt.

Pl. 215-216.—History and Principles of Physical Education. 2 hours. 4 credits. Salt.

Pl. 311-312.—Organization and Administration of Health and Physical Education. 3 hours. 6 credits. Salt.

Pl. 317.—Tests and Measurements in Physical Education. 2 hours. 2 credits. Salt.

Pl. 405.—Supervised Teaching. 3 hours. 3 credits. Salt.

PHYSICS

Ps. 111.—Elementary Theory of Mechanics and Heat. 3 hours. 3 credits.

A college course designed to meet the needs of the general student.

Required of agriculture, architecture, Bachelor of Science, and pre-medical students.

Ps. 112.—Elementary Theory of Sound, Light, and Electricity. 3 hours. 3 credits.

A college course designed to meet the needs of the general student.

Required of architecture, Bachelor of Science, and pre-medical students.

Ps. 113-114.—Lecture Demonstration Course. 1 hour. 2 credits. No credit toward a degree will be allowed until the entire 2 credits are earned.

Demonstration lectures designed to supplement Ps. 111 and 112 and should be taken by all students electing those courses.

Required of architecture, Bachelor of Science, and pre-medical students.

Ps. 115-116.—Elementary Laboratory Physics. 3 hours' laboratory. 2 credits.

A series of laboratory experiments in general physics designed to supplement Ps. 111 and 112 and should be taken by all students electing those courses.

Laboratory fee: \$2.25 each semester.

Required of Bachelor of Science, and pre-medical students. Ps. 115 is required of agriculture students.

For other courses in physics see the *Bulletin of the College of Arts and Sciences*.

POLITICAL SCIENCE

Pcl. 101.—American Government and Politics. 3 hours. 3 credits. No credit toward a degree will be allowed until credit in Pcl. 102 is earned. Leake and staff.

A study of the structure and functions of our American national, state, local, and municipal governments.

Pcl. 102.—State and Municipal Government. 3 hours. 3 credits. Leake and staff.

A study of state, county, and municipal government.

Pcl. 101 and 102 prerequisite for all other courses in political science.

For other courses in political science see the *Bulletin for the College of Arts and Sciences*.

PSYCHOLOGY

Psy. 201.—General Psychology. 3 hours. 3 credits. Hinckley, Williams.

Facts and theories current in general psychological discussion—the sensations, sense organs, and functions of the brain—the higher mental processes of attention, perception, memory, emotion, volition and the self.

For other courses in psychology see the *Bulletin for the College of Arts and Sciences*.

SOCIOLOGY

Sy. 102.—Introduction to Sociology. 3 hours. 3 credits. Beatty.

An approach to the art of living together in society by a study of the development of customs, morals and institutions. Brief consideration of some of the social problems growing out of industrial development, immigration, rural migration and depletion and racial contacts.

Required of freshmen in journalism.

Sy. 111-112.—Introduction to Social Studies. 2 hours. 4 credits. Carleton.

An approach to the social sciences through biology and psychology; early man; landmarks in the history of civilization; problems of American citizenship.

Required of all freshmen in Teachers College.

Sy. 332.—Public Health. 2 hours. 2 credits. Bristol.

Sy. 441.—Principles of Sociology. 3 hours. 3 credits. Bristol.

Prerequisite: **Sy. 102** or **Sy. 111**, or special consent of instructor.

For other courses in sociology see the *Bulletin of College of Arts and Sciences*.

SPANISH

Sh. 21-22.—Elementary. 3 hours. 6 credits. No credit toward a degree will be allowed until the entire 6 credits are earned. Staff.

Sh. 101-102.—Intermediate. 3 hours. 6 credits. Staff.

Second year college Spanish.

Sh. 203-204.—Third Year Reading. 3 hours. 6 credits. Hathaway.

For other courses in Spanish see the *Bulletin of the College of Arts and Sciences*.

THE UNIVERSITY CALENDAR

1930-31

The Summer Session

1930

- August 7, Thursday 8:00 p.m.....Summer Session Commencement Convocation.
- August 8, Friday 5:00 p.m.....Summer Session ends.
- August 18, MondayFarmers' Week begins.
- August 30, Saturday.....Last day for filing applications for fall re-examinations.

First Semester

- September 11-13, Thursday to SaturdayEntrance examinations.
- September 15, 16, 17, Monday thru WednesdayRe-examinations.
- September 15-19, Monday thru Friday..Freshman registration and orientation, including Engineering Qualifying Examination and other tests. (A special program of the routine of this week will be available by June 1, 1930.) All freshmen must be present at the University Auditorium at 11:00 o'clock a.m. Monday, September 15, or they will not be registered during that week and will be required to pay the fees for late registration.
- September 18-19, Thursday and Friday..Registration for upperclassmen.
- September 22, Monday 8:00 a.m.....Classes meet for the first time.
- September 29, Monday 8:00 a.m.....Changes in courses—fee \$2.00.
- October 6, Monday 7:00 p.m.....Meeting of the General Faculty.
- October 11, Saturday 12:00 noon.....Registration for classes in the first semester closes. Last day for making applications for degrees at the end of the first semester.
- October 17, Friday, 5:00 p.m.....All freshmen grades due in the office of the Registrar.
- October 18, Saturday 12:00 noon.....Last day for dropping courses without grade. Annual Dad's Day and Homecoming.
- October 31, Friday 5:00 p.m.....Last day for graduate applications.
- November 8, 3:00 p.m.....Dedication for new stadium.
- November 11, Tuesday.....Armistice Day, a holiday.
- November 21, Friday 5:00 p.m.....Mid-semester grades are due in the office of the Registrar.
- November 27, ThursdayThanksgiving Day, a holiday.
- December 19, Friday 5:00 p.m.....Christmas Recess begins.

1931

- January 5, Monday 8:00 a.m.....Christmas Recess ends.
 January 17, Saturday 12:00 noon.....Last date for submitting theses to
 Graduate Committee.
 January 22, Thursday 8:00 a.m.....Final examinations for the first se-
 mester begin.
 January 30, Friday 5:00 p.m.....First semester ends.
 January 31, Saturday 12 noon.....All semester grades are due in the of-
 fice of the Registrar.
 Saturday 8:00 p.m.....Commencement Convocation.

Second Semester

- February 2 and 3, Monday and Tues-
 daySecond semester begins. Registration
 for second semester.
 February 4, Wednesday 8:00 a.m.....Second semester classes begin. Change
 in courses—fee \$2.00. Late registration
 fee \$5.00.
 February 7, Saturday 12:00 noon.....Registration for second semester closes.
 February 14, Saturday 2:00 p.m.....Meeting of the General Faculty.
 February 21, Saturday 12:00 noon.....Last date for filing applications for re-
 examinations.
 February 23, and March 7, 2-5 p.m.....Re-examinations.
 February 28, Saturday 12:00 noon.....Last date for application for degrees
 at the end of the second semester.
 Last date for filing graduate applica-
 tions for those entering the second se-
 mester.
 March 7, Saturday 12:00 noon.....Last day for dropping a course with-
 out grade.
 April 3, Friday 5:00 p.m.....Mid-semester grades are due in the of-
 fice of the Registrar.
 April 8, Wednesday 5:00 p.m.....Spring holiday begins.
 April 13, Monday 8:00 a.m.....Classes resumed.
 May 21, Thursday 8:00 a.m.....Final examinations begin.
 May 30, Saturday 2:00 p.m.....Meeting of the General Faculty.
 May 30-June 1, Saturday to Monday.....Commencement Exercises.
 May 30, SaturdayClass Day Exercises and oratorical
 contests.
 May 31, Sunday 11:00 a.m.....Baccalaureate Sermon.
 June 1, Monday 10:00 a.m.....Commencement Convocation.
 June 1, Monday 1:00 p.m.Annual Alumni Luncheon and Meeting.
 June 1, MondayBoys' Club Week begins.
 June 15, MondaySummer Sessions begins.
 August 7, FridaySummer Session ends.
 September 21, MondayRegistration for 1931-32 session.

Entrance Examinations

Entrance examinations for admission to the various colleges of the University will be conducted for students whose credits do not meet the requirements.

Candidates wishing to take any of these examinations should notify the Registrar in writing, not later than September 1, January 15, June 1, or June 20.

The University Record

of the

University of Florida

Bulletin of
By-Laws



Vol. XXV, Series 1 Extra No. 11 August 25, 1930

*Entered in the post office in Gainesville as second-class matter,
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The University Record of the University of Florida is issued once every month except June, when it is issued six times.

The Record comprises:

The Reports of the President and the Board of Control, the Bulletin of General information, the annual announcements of the individual colleges of the University, announcements of special courses of instruction, and reports of the University Officers.

These bulletins will be sent gratuitously to all persons who apply for them. The applicant should specifically state which bulletin or what information is desired.

Address

THE REGISTRAR
University of Florida
Gainesville, Florida

Research Publications.— Research publications will contain results of research work. Papers are published as separate monographs numbered in several series.

There is no free mailing list of these publications. Exchanges with institutions are arranged by the University Library. Correspondence concerning such exchanges should be addressed to the University Librarian, University of Florida, Gainesville, Florida. The issue and sale of all these publications is under the control of the Committee on Publications. Requests for individual copies, or for any other copies not included in institutional exchanges, should be addressed to the University Bookstore, University of Florida, Gainesville, Florida.

The Committee on University Publications
University of Florida
Gainesville, Florida

INTRODUCTION

The purpose in printing this book of regulations is to do away with uncertainty and make definite statements relative to what is expected of students and faculty members. In most instances the regulations are of long standing; new ones have been added only in case of felt need, and then, only after many conferences with faculty members, students and patrons.

In compiling the regulations an effort has been made to make clear statements which will cover most situations. However, in all cases the spirit of the law will determine its application. The full intension of every regulation is to secure suitable conditions under which faculty and students may work together in achieving the purpose back of the establishment and maintenance of the University.

It is hoped that faculty members, students and patrons will study these regulations carefully and that all will cooperate in adapting them to our University conditions.

There may be instances in which experience may demonstrate the desirability of some changes. Suggestions from both faculty and students will be welcome.

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BY-LAWS OF THE UNIVERSITY OF FLORIDA

I. ADMISSION

A. The definite and specific requirements for admission to the University of Florida may be found in the current Bulletin of General Information.

B. *Matriculation for First Semester:* Freshmen must matriculate on the opening day of Freshman Week; upper-classmen not later than three weeks after the date scheduled in the current Bulletin of General Information for the beginning of the fall registration period.

C. *Matriculation for Second Semester:* No one will be permitted to matriculate later than one week after the date scheduled for the beginning of the second semester.

D. *Matriculation for Summer Session:* No student will be permitted to matriculate later than one week after the date scheduled for the beginning of the Summer Session.

In exceptional cases the University Council reserves the authority to grant permission to anyone to matriculate after the dates given above.

II. METHOD OF REGISTRATION

A. Students shall report to the Registrar for instructions as to registration.

B. No student is properly registered until all fees have been paid.

C. No student is permitted to attend classes until he has received from the Registrar a statement that his registration is complete.

D. A student is not permitted to drop a course, take up a course, or exchange one course for another, without the approval of the dean of the college in which he is registered. An instructor shall not admit a student to nor drop him from any class except after notification from the Registrar's office.

E. No student will receive credit for any course or examination for which he is not properly registered.

F. On the recommendation of the head of the department and the approval of his dean, a course or section may be closed to further registration when the number registered in it has become as large as can be satisfactorily handled. Such recommendation shall be transmitted promptly to the Registrar.

G. Where there is more than one section of a course, the head of the department concerned is responsible for the assignment of a student to the proper section.

H. A change in section is allowed only with the approval of the head of the department concerned and must be reported immediately by him to his dean. The dean shall inform the Registrar in the usual manner of the change.

I. Any unauthorized change in schedule by the student is a direct violation of the University regulations.

J. Simultaneous registration in residence and extension or correspondence courses is permitted only when approved by the dean concerned. When a student registers for a correspondence course for college credit at the University of Florida, a complete record of this work shall be sent to the Registrar's office.

K. *Auditing Courses:* Students registered at the University of Florida may be permitted to audit or visit courses with the written consent of the instructor in charge and the approval of the dean of the college in which the student is registered.

Persons not registered in the University may be permitted to audit courses with the written consent of the instructor in charge and the approval of the dean of the

college under which the course is given by paying a fee of \$1.00 per semester hour for such privilege.

In no case will auditors be given the privilege of taking examinations, and instructors may not grade written work for auditors of a course. No part of the credit attached to a course will be given to auditors. In all cases permission to audit may be revoked if for any reason the presence of the auditor proves unsatisfactory to the instructor, or to the dean of the college.

III. FEES

A. *Registration and Contingent Fee:* A registration and contingent fee of \$7.50 per year is charged to all students, both graduate and under-graduate, of the University.

B. *Late Registration Fee:* Any student not presenting himself for registration on the date set for his class will be charged a fee of \$5.00 for late registration. This fee will not be waived for any consideration.

C. *Laboratory Fee:* A fee is required in advance for each course that includes laboratory work to cover the cost of consumable materials, wear and tear of apparatus, and similar items. The amount of such fee will be found in the current Bulletin of the college in which the course is offered.

D. *Breakage Deposit Fee:* A breakage deposit fee of \$5.00 is required of each student using a locker and laboratory apparatus in the College of Pharmacy or in the departments of Chemistry, of Electrical Engineering, or of Biology. This deposit must be made at the Business Manager's office. Refunds will be made once a year after the student has checked in the apparatus to the satisfaction of the department concerned. No charge will be made from this fund for materials used, nor for normal wear and tear, these being covered in the general laboratory fee.

E. *Dormitory Breakage Fee:* A deposit of \$10.00 per year is required of all students rooming in the dormitories. This amount, less breakage and cost of lost keys, will be returned to the student when he moves out of the dormitory.

F. *Infirmary Fee:* All under-graduate students are charged an Infirmary Fee of \$9.00 per year. In case of illness this fee secures for the student a bed in the Infirmary and the services of professional nurses and of the University Physician, except when major operations are involved. To secure this medical service, students must report in person to the nurse in charge of the Infirmary. The Physician in charge will be at the Infirmary daily for consultation and treatment from 12:00 to 1:00 o'clock, and the Resident Physician from 7:30 to 9:00 o'clock in the morning and from 4:00 to 7:30 o'clock in the afternoon. The Infirmary will be open at all hours for admission of patients or treatment of emergency cases. Board in the Infirmary is charged at the rate of \$1.50 per day.

Graduate students not wishing to avail themselves of this service are not required to pay the fee, but, if they do not do so, will be charged for services rendered.

G. *Student Activity Fee:* A student activity fee of \$23.60 payable on entrance, has been voted by the students. This money is used to foster and maintain athletic sports, student publications, literary publications, literary and debating societies, and other student activities. All under-graduate students are required to pay this fee; those regularly enrolled in the Graduate School will be excused from payment if they do not wish to participate in any of the privileges it covers.

When students pay this fee, they should, by all means, keep the receipt which is in the form of a ticket entitling them to one Seminole, the Alligator for one year, and free admission to such football, basketball, and baseball games, tennis, track and wrestling meets, debates, oratorical contests, musical concerts and Lyceum attractions as are designated by the Board of Control. This ticket is not transferable and will be taken up and cancelled if presented by anyone other than its rightful owner.

Juniors pay a \$1.00 SPECIAL JUNIOR PROM fee instead of the \$1.00 Military fee.

Freshmen pay seventy-five cents for a Special Cap Fee, making a total of \$24.35.

H. *Diploma Fee*: A diploma fee of \$5.00 is charged all candidates for degrees.

I. *Examination Fee*: No fee is charged for examinations at the regular semester examination period. To take an examination or re-examination at any other regularly scheduled time, the student must secure a card from the Registrar and pay a fee of \$2.00 for each subject, although, in case there are more than two subjects, the maximum charge at any period of examination is \$5.00.

J. *Special Examination Fee*: A fee of \$5.00 is charged for each examination taken at a time other than that regularly scheduled.

K. *Change of Course Fee*: A student once registered will not be permitted to make any change in studies except during the first two weeks of the first semester or the registration period of the second semester, without the payment of a fee of \$2.00. Where a change of section is made at the request of the head of a department, this fee will not be charged.

L. *Transfer of College Fee*: Where a transcript is required a fee of \$1.00 is charged students for transferring from one college to another within the University. If the change is made at any other time than at the regular registration period, this fee is \$5.00.

M. *Military Fee*: A fee of \$1.00 per year is charged all students registering for the Basic Course in Military Science and Tactics.

N. *Locker Service Fee*: A fee of \$1.50 per year will be charged all students for locker service.

O. *Refunds*: After a student has attended classes three days, no refunds of any University fees will be made except the unused portion of laboratory and breakage fees.

IV. TUITION

A. *College of Law*: In the College of Law a tuition fee of \$40.00 is charged every student. Half of this fee (\$20.00) is payable each semester.

B. *College of Commerce and Journalism*:

1. A special registration fee of \$10.00 will be charged all regular students registered in the College of Commerce and Journalism.
2. A fee of \$1.00 per semester hour will be charged for other students taking the following courses: all courses in Journalism, and all courses in Business Administration not marked "E."

C. *Non-resident Students*: All students in any college of the University, except graduate fellows and assistants, who are not legal residents of Florida are charged a non-resident tuition fee of \$100.00 per year, payable \$50.00 each semester. This fee is in addition to all other regular fees, including those for tuition.

The burden of registering under proper residence is placed upon the student. If there is any question as to his legal residence being in Florida, the matter should be brought to the attention of the President or his duly constituted representatives and passed upon prior to registration or the payment of fees. Any student who registers improperly under this rule shall be required to pay not only the non-resident fee, but, in addition, a penalty of \$10.00. Students who do not pay the non-resident fee within thirty days after they have been notified that it has been assessed against them will have their registration in the University cancelled.

No person shall be considered eligible to register in the University as a resident of the State of Florida unless he has been a *bona fide* resident in the State during the twelve months next preceding the date of his registration. The residence of a minor shall follow that of his legal guardian. If the non-resident student be a minor, his legal residence for the purpose of this rule shall not be considered established in the State of Florida until the expiration of twelve months after the appointment of a resident guardian.

V. REGULATIONS CONCERNING DEGREES, GRADUATION, ETC.

A. *Degrees:* The special requirements for the various degrees conferred by the University will be found in the Bulletins of each of the schools and colleges. The following regulations apply to all colleges:

1. Two degrees of the same rank, e.g., A.B. and B.S., will not be conferred upon the same individual unless the second degree represents at least thirty credit hours of additional work.
2. Two semesters of work at the University of Florida, or three summer terms, will satisfy the residence requirements for the Bachelor's degree.
3. For the Master's degree two semesters or four summer terms are necessary to satisfy the residence requirements.
4. Students are required to complete the last thirty credit hours (27 for the Normal Diploma; 28 in the College of Law) applied towards the degree during regular residence in the college from which the student is to be graduated. This may be varied only upon written petition approved by the faculty of the college concerned. (See section L, page 12).
5. Advanced standing may be secured on work offered from accredited institutions of the same rank as the University of Florida. A student must have attained an average of *C* on all work offered for this credit.
6. Students seeking admission from either accredited or non-accredited institutions will be considered upon their own individual merits.
7. With the approval of the dean concerned, the head of a department may grant a student permission to take an examination for credit upon work done at a non-accredited institution, provided, however, that advanced work in the subject has not been taken.

B. *Choice of Studies:* Subject to proper preparation, the choice of the college which he will enter and of the curriculum which he will pursue in it rests with the individual student. The group of studies selected, however, must belong to one of the regular years in the chosen curriculum exactly as announced in the Bulletin of the college for the year in which the student entered, unless special reasons, approved by the dean of the college in which the student is registered, exist for deviating from this arrangement.

1. *Sequence of Courses:* Students are required to take the work as arranged in the various curricula for the degree which they desire. Only under very exceptional circumstances will a student be permitted to take advanced work before the work of a lower class is entirely completed. This regulation is administered by the deans and heads of the various departments.

2. *Failure in a Required Course:* When for any reason a student is permitted to drop a required course during a semester, or fails in a required course for the semester, he must take this course the next semester it is offered. In case of conflict with other required courses, the course dropped or failed must take precedence.

C. *Maximum and Minimum Credits:* The minimum load of any student shall be twelve (12) hours. (Nine in the College of Law.)

The maximum load, including work by correspondence or extension, shall be regulated by the following table:

A student who has an honor point average of:

	Maximum Load	
	Regular Session.	Summer Session.
Less than 1	16 hours	8 hours
1 up to, but not including, 2.....	19 "	10 "
2 up to, but not including, 3.....	21 "	11 "
3	24 "	12 "

Mature students who are regularly employed may register for less than twelve (12) credit hours with the approval of the dean of the college. The Registrar shall be responsible for seeing that this schedule is adhered to.

D. *Laboratory Work:* Laboratory work shall be credited as follows: not more than three hours, nor less than two, shall be required for one hour of credit. The number required shall rest with each department.

Exceptions to this rule may be permitted by the head of the department and the dean of the college concerned.

E. *Credit for Year Courses:* A passing grade in the first semester's work in a year course does not entitle a student to any credit until he has completed the work of the second semester with one of the grades *A, B, C, or D*.

F. *Credit for Beginners in Languages:* Students offering high school credit in a modern language course cannot receive credit for a beginner's course in this language in the University.

G. *Credit for Geometry and Trigonometry:* Students presenting entrance credits in either solid geometry or trigonometry may not obtain credit for corresponding courses in mathematics (83 and 85) in college.

H. *Credits and Standing:* Each college of the University provides a definite number of credits which the student must earn in order to be graduated. In addition to these credits, the student must earn a number of honor points equal to the number of credits required for graduation.

1. *Application for Degrees:* Seniors who expect to be graduated must file application for the degree or diploma in the Registrar's office on or before the fourth Saturday of the regular session or the second Saturday of the Summer Session in which they expect to obtain the degree or diploma. Students who do not obtain their diplomas at the time first expected must make a new application in the semester or Summer Session when they are again supposed to receive them.

J. *Time Limit:* To receive a Bachelor's degree, a senior must have completed all the work required for graduation by *ten o'clock in the morning* of the Wednesday preceding Commencement, or of the last Monday of the Summer Session.

K. *Double Registration:* Students who have previously completed the requirements for a degree or diploma in residence in the college in which the degree is to be granted will be allowed to obtain that degree at such time as they properly apply for it without additional expense of registration.

Students taking a combined course will be required to make a double registration during the semester in which they expect to receive any degree.

L. *Correspondence Work Permitted:*

1. Students will not be permitted to take more than twelve (12) semester hours by correspondence study or in extension classes during any academic year.
2. Students will not be permitted to take more than nine (9) semester hours work by correspondence study during the summer vacation period.
3. Students will not be permitted to offer for credit towards a degree more than forty-eight (48) semester hours by correspondence study and in extension classes.
4. Students will not be permitted to take more than twelve (12) of the last thirty-six (36) semester hours necessary for a Baccalaureate degree by correspondence study or in extension classes.

However, the student must be in residence for at least the semester or Summer Session in which he receives this degree.

VI. MILITARY SCIENCE

(R. O. T. C.)

A. *General:* The Reserve Officers' Training Corps offers a four-year course in Military Science and Tactics as prescribed for Infantry and Field Artillery. Students registered in the Colleges of Agriculture, Pharmacy, Teachers' and Engineering, and in the A.B. course in the College of Arts and Sciences are assigned to the Artillery; those registered in the College of Commerce and Journalism, in the School of Architecture and Allied Arts, in the B. S. and Pre-Medical courses in the College of Arts and Sciences, and any students not otherwise mentioned, are assigned to the Infantry.

B. *The Basic Course:* The Basic Course covers the first two years of this instruction, and satisfactory completion of it is required of all students except the following:

1. Students who are twenty-one years of age at the time of entering upon their college work at the University of Florida.

2. Students unable to drill by reason of physical disability, as certified to by the University Physician.

3. Students whose military work elsewhere is accepted by the Professor of Military Science and Tactics as fulfilling the requirements.

4. Students admitted to the University of Florida holding a commission in the Army of the United States.

5. Students who enter the University with advance standing from other accredited institutions as follows: students who enter with one year of college work are required to take only one year of the Basic Course; while students who have had two years of college work are exempt from Military Science.

6. Students taking courses of one year or less duration.

7. Students who are citizens of foreign countries.

Students exempt from Military Science for any reason whatever, must, in order to receive a degree, offer an equal number of hours of other course work in lieu of Military Science. Choice of these courses must in all cases be approved by the dean of the college in which the student is registered.

The Registrar is authorized to administer the above rules.

C. The Advanced Course: Students who complete the Basic Course and are selected by the Professor of Military Science and Tactics and the President of the University may elect the Advanced Course, which course may lead to a commission in the Officers' Reserve Corps of the United States Army. Students registering in this course are required to carry it to completion.

D. Attendance: Regulations covering absences from Military Science classes, drills and dress parades will be found under the section on absences.

E. Credit from Other Institutions: Credits for Military Science from other institutions shall in no case exceed the amount of credit allowed by those institutions, nor the amount of credit allowed at the University of Florida. No college credit towards a degree is allowed (although the military requirements may be waived) unless the work was regular college course work taken in a recognized college or university.

VII. GRADES AND HONOR POINTS

A. Marking System: Results of work are recorded in the Registrar's office as follows:

A—Exceptionally high quality, valued at three quality points for each credit.

B—Good, valued at two quality points for each credit.

C—Fair, valued at one quality point for each credit.

D—Unsatisfactory, indicating a deficiency and giving no quality points, but giving credit for graduation.

E—Failure.

I—Incomplete.

R—Conditioned. (Given only to students classified as freshmen or sophomores.)

X—Absent from examination.

B. Explanations: A student must have an average of at least *C* on all work offered for advanced standing. In addition, to obtain the degree applied for, he must earn at the University of Florida as many honor points as credits earned at the University of Florida.

The grade of *E* means that, in order to be credited, the work must be taken over in class.

The grade of *I* means that some relatively small part of the term's work remains undone because of sickness or of some other reason satisfactory to the instructor. This work must be completed within two months after the student re-enters the University if credit for the course is to be gained. The grade *I* is not given to a student whose work is below passing. If not removed within the two months allowed, it will be changed to *E*.

The grade *R* denotes a condition with re-examination privileges at the next re-examination period during residence in the University. If the re-examination is not taken at that time, or is taken and not passed, the grade *R* will automatically be changed to *E*. Only freshmen and sophomores may be given a grade of *R*.

The passing grade for graduate students is *B*.

C. Repeating Courses: Any candidate for a degree who has passed a course with a grade of *D* may, with the permission of his dean, be permitted to take the course over with a view to obtaining a higher grade with honor points.

The grade obtained on repetition of a course will be regarded as the final grade in said course.

D. Transfers from One College to Another Within the University: In case a student transfers from one college to another within the University, he shall be required to meet the honor-point requirements of the class with which he is graduating or in which he is enrolled.

E. Continuous Attendance: If a student's attendance is continuous, he will be permitted to graduate according to the catalog under which he entered. If, however, there are breaks in attendance aggregating more than three years, the student will be required to fulfill the requirements of the catalog under which he re-registered. As long as the student attends the University as much as one semester or Summer Session during each year, attendance is deemed continuous.

VIII. REPORTING OF GRADES

Grades are reported to the Registrar at the mid-semester as well as at the end of the semester. The mid-semester grades and the semester grades are reported to the parent and to the dean of the college in which the student is registered.

No semester grades will be sent to a student unless he leaves with the Registrar an addressed, stamped envelope. This regulation applies also to students of the Summer Session.

On the fourth Saturday of every month faculty members shall send to the office of the Registrar a delinquency report on all freshmen and sophomores who, in the opinion of the faculty members, are falling below a grade of *C*. The Registrar, after making a record of these reports, shall forward them to the Dean of Students whose duty it will be to interview all students so reported. The Registrar shall send a summary of these reports to the dean of the college in which the student is enrolled.

It shall be the duty of all instructors to make grades available for students at the end of the semester and at the end of the mid-semester period. These grades must be posted in a conspicuous place in the classrooms or on the department bulletin board. All first semester grades must be posted by or before 8:00 o'clock, a. m., of the first day of the second semester.

Each faculty member in charge of any extra-curricula activity shall report to the Registrar at the end of each semester the names of all students taking part in that activity.

IX. AVERAGES

A. How Computed: Averages are computed as the ratio of honor points to credits, with a value of 3, 2, 1, and 0 assigned to *A*, *B*, *C*, and *D*, respectively, and of -1 to *R* and *I*, and of -2 to *X* and *E*. Thus the highest possible average is 3.

B. Group Averages: Group averages are computed by the method adopted by the Association of Deans of Men. This gives the average number of honor points for each credit hour taken by the group during the period of time for which the average is desired.

C. *Honor Roll*: An honor roll is published each semester and consists of the names of all regular students having individual averages of 2.3 or more on academic work and no failures on non-academic work.

D. *Recording Honors*: A record of all medals, prizes and other honors awarded to students shall be filed with the Registrar.

X. FAILURE IN STUDIES

A. When the grades of a student are unsatisfactory, he may be required to drop some of his studies and substitute those of a lower class. A grade is assigned at mid-semester and at the end of each semester in each subject which the student is carrying. If this grade is not *A*, *B*, *C*, or *D*, the student is considered to have failed in that subject.

A student who fails to pass in more than 50 percent of his work for the mid-semester, for the semester, or for the Summer Session will be dropped from the University by the Registrar and will be notified at his University address.

Freshmen may not be dropped for failure under this rule until the end of the first semester of residence. In case of failure of a freshman at the end of his first semester, he will be dropped as above stated.

When a student is dropped for failure at mid-semester, he will not be permitted to re-enter the University until the beginning of the following semester.

In case the student is dropped at the end of the semester, he will not be permitted to re-enter until one full semester has elapsed after such failure.

In interpreting the above rule, a Summer Session shall be counted as a semester.

Students who are dropped twice for failure, the failures need not be consecutive, will be dropped permanently from the University and can be re-admitted only by vote of the University Council.

A student who has been dropped twice for failure and desires to re-enter shall file his petition with the Secretary of the University Council. This petition should be accompanied by any evidence or testimonials which might have weight in influencing the decision of the Council.

The first time a student is dropped from the University for failure, his record shall be marked, "dropped first time for failure in studies." The second time a student is dropped for failure in studies, his record shall be marked, "dropped permanently for failure in studies." In both cases the student is entitled to honorable dismissal unless his failure is clearly due to negligence.

Students presenting credits earned while not eligible for registration at the University of Florida on account of failure in studies may be given provisional credit on re-entry. Credit for this work will be given if the student makes a *C* average for the semester immediately following re-instatement. The work in question must be taken at an accredited institution and will be evaluated according to the regulations of the University of Florida.

Students dropped for failure will not be permitted to register for correspondence or extension work.

B. *Complete Failure in One or More Subjects*: If at any time a student is failing completely in any subject, if he fails repeatedly to hand in the required written work, if he absents himself without satisfactory excuse from a test, or if, in general, he shows no disposition or capacity to do the work required, he may be compelled to drop the course; and if thereby his total number of hours falls below

the minimum required, he may be dropped from the University and his record marked "Dropped for failure in studies."

C. *Dropping a Subject:* If a student drops a course while failing therein, the recorded grade shall be *E*. In case this is done before the mid-semester, the failure shall not count beyond the mid-semester in determining whether a student has failed to pass 50 percent of his work for the semester. For the regular session this grade becomes effective five weeks after the beginning of each semester. For the Summer Session it becomes effective two weeks after the beginning of the session.

XI. RE-EXAMINATIONS

The grade *R* entitles freshmen and sophomores to a re-examination, subject to the following conditions:

A. Only one re-examination is allowed in each course.

B. A re-examination must be taken on or before the next scheduled re-examination date during which the student is in attendance at the University. If taken at other than the regularly scheduled time, the student must pay a special examination fee of \$5.00 and secure the consent of the instructor.

Spring re-examinations may be deferred until the fall period upon petition of the student to his dean and to the Registrar. In the absence of such petition, students who do not take a re-examination before registering for the fall term automatically lose the privilege of re-examination. The grade on a re-examination must be *C* or above in order for the student to pass, but no honor points will be allowed on a course in which credit is thus obtained. Students are required to pay the fee and make application to the Registrar on the dates set in the University calendar.

C. Failure to apply by dates set in the University calendar will cause the student to lose the privilege of re-examination, as the time between these dates and those set for the examinations is necessary to obtain questions and to arrange a general schedule for the examinations.

D. Students registering for the fall session are held responsible for taking a required re-examination during the three days preceding fall registration.

E. With the semester grades sent to the parents by the Registrar is included a card to be used by the student for making application for any re-examination to which he may be entitled. Such cards must be deposited in the Registrar's office by the dates set in the calendar, and must bear the Cashier's receipt of payment of the re-examination fees.

F. Failure to take re-examinations on scheduled time causes the grade *R* to be changed to *E*, with the loss of the privilege of re-examination.

G. Students may not remove conditions in the first semester of year courses by averaging the grades of the second semester with those of the first.

XII. FINAL EXAMINATIONS

A. *Semester Examinations:* Examinations on the ground covered are held at the end of each semester. Exemptions from final examinations are not permitted.

B. *Length of Examinations:* No examination shall continue longer than three hours.

C. *Deferred Examinations:* Upon recommendation of his dean a student may defer a final examination to a time not later than the next re-examination period, provided proper notification is made at the office of the Registrar.

XIII. ATHLETICS

To be eligible to represent the University of Florida in any athletic, musical, forensic, or other intercollegiate activity, a student must not be on probation and must have passed more than 50 percent of the work for which he was last registered in the University of Florida; and must have passed at least nine (9) credit hours (a student registered in the College of Law must have passed at least six (6) credit hours); provided nothing in this section be construed to exclude a student first entering the University of Florida from participation in any freshman activity. At least forty-eight hours before a contest the chairman of the faculty committee responsible for the organization which the student wishes to represent shall submit to the Registrar for his approval a list of all participating students. All such reports shall be delivered in person or by special messenger to the Registrar's office. The faculty committee having charge of any student activity coming under the above may designate some faculty member to be responsible for the reports.

Deficiencies may be removed by the re-examination privilege when earned; or by extension or correspondence work, provided the student is eligible for such work; or by any other method permissible under the rules and regulations of the University.

A Summer Session at the University of Florida shall be considered as a semester in the application of the above rule.

To continue to be eligible for participation in any of the above activities, a student must be passing in more than 50 percent of his studies according to the latest reports in the Registrar's office. He must not be on probation for any delinquency in conduct or attendance.

B. Instructors shall, upon request of the Director of Athletics, furnish him information regarding the progress of the members of athletic teams enrolled in their classes.

C. *Schedules*: No intramural game shall be scheduled at an hour that would cause a participant to miss a class, or before 4:00 o'clock p. m. of any day except Saturday.

No intercollegiate game shall be scheduled during a final examination or re-examination period, as announced in the current Bulletin of General Information.

D. *Southern Conference Eligibility Rule*: "Rule 2. No person shall participate in intercollegiate athletics at an institution until after the expiration of twelve months from the date of his matriculation there, and until he shall have completed the scholastic requirements of that institution. A freshman who participates in intercollegiate athletics must have completed the full scholastic requirements for the entire freshman year before being eligible for participation in succeeding years."

XIV. CONDUCT

A. *Offenses Against Good Conduct*: All students will be held responsible for conformity to all the laws of the Nation and of the State.

The following offenses are deemed to be against the best interests of the University and will be treated with severity:

1. Disrespect to an officer of the University.
2. Wanton destruction of property.
3. Gambling.
4. Drinking or having liquor in possession.

B. *Hazing*: No student will be regularly entered in the University until he has been matriculated and has signed the following pledge: "I hereby promise upon my word of honor, without any mental reservations whatsoever, to refrain from all forms of hazing while I am connected with the University of Florida."

By hazing is meant actions of students which unduly harass, annoy, or make ridiculous one student for the amusement or satisfaction of other students. Such conduct is held to be a violation of order and personal liberty.

C. *Smoking*: Smoking is not permitted in the University classrooms, laboratories or halls because of the fire hazards involved.

D. *Regulation Uniform*: During both winter and summer sessions of the University, all students appearing on the athletic fields, tennis courts, track, swimming pool, or gymnasium must wear regulation uniforms. A special place will be provided by the Department of Physical Education for those desiring to take sun baths. The officers of the Athletic Department shall enforce this regulation.

E. *Degrees of Discipline*: The degrees of discipline are:

1. Expulsion.
2. Suspension.
3. Probation on condition.
4. Reprimand.

EXPULSION is permanent dismissal from the University.

SUSPENSION excludes for a definite time.

PROBATION may be on various conditions, but no student on probation may represent the University in any intercollegiate contest nor may he hold any student-body office or any University position for which remuneration is given.

REPRIMAND is given by the proper officers of the University, according to the circumstances of the particular case.

XV. ABSENCES

A. For each semester credit hour in any course one absence is not reported to the Registrar, except as provided in Rule F below.

NOTE: It is expected that these non-reported absences shall, in most cases, be sufficient to take care of necessary absences due to sickness and extra-curricula activities. In no case may a student expect that a penalty due to deliberate absence or absences shall be suspended. If absence for sickness and under the Nine-Day Rule are not sufficient in themselves to incur a penalty, but such absences together with only one deliberate absence are sufficient to incur a penalty, the Committee on Attendance has now power to suspend the carrying out of the penalty.

B. NO EXCUSES WILL BE GRANTED FOR ABSENCES.

C. Members of the faculty are required to report absences, in excess of the non-reported absences, daily, as incurred, to the Registrar's office. Blanks will be provided by the Registrar for this purpose.

D. For the first eight (8) absences reported to the Registrar in any one semester (counting absences in all courses) and for each additional four (4) absences so reported, one hour of negative credit will be imposed. For exceptions, see Rules E and H below.

E. A student will have two reported absences cancelled for each honor point in excess of the number of semester credit hours for which he was registered during

the semester. Excess honor points may be used to cancel absences only in the semester in which they are earned. The use of honor points to cancel absences does not prevent their use for graduation.

F. Students obtaining more than the equivalent of three full weeks of absences, including absences in Rule A, in any one course will be dropped from that course with a grade of *E*. As soon as the number of absences reaches this point, the faculty members must report to the Registrar.

In non-credit courses where the total absences are equal to or more than 20 percent of the number of class meetings, the student will be required to drop the class and will be given a grade of *E*.

G. Upon proper petition, any penalty or penalties incurred solely by excessive absences due to sickness, absences under the Nine-Day Rule, or other unavoidable causes shall be considered individually by the Committee on Attendance which has authority to act, subject to the limitations imposed by the Note in Rule A above. In case a student's latest reported grade in a course is sufficient to offset enough absences by Rule E, the Chairman of the Committee will have authority to continue him in the course, even though his absences are more than the equivalent of three weeks. Students who, in the opinion of the Committee, have had excessive absences in one semester may be continued on probation in a course or courses and later dropped if the probation is violated. The Registrar, the student and the dean of the college concerned shall be notified of such probation.

H. For the administration of these rules, a Summer Session shall count as a semester. In interpreting Rule F for the Summer Session, three times the number of credits to be gained will be the maximum number of absences allowed for a single course.

I. Each semester is to be considered as a separate unit in administering these rules.

J. Each absence during the twenty-four hours (excluding Sundays) immediately preceding or following a holiday shall be counted as two absences. Appeal from this rule may be addressed to the Committee on Attendance, which has authority to act.

K. Students who, in the opinion of the Committee, have had excessive absences during a semester may be placed on probation by the Committee on Attendance during the succeeding semester. Should the student violate the terms of probation, the Committee may drop him from the University.

Rules applying to dismissal for failure in studies shall also apply to dismissal for absences.

L. *Absences from Military Science:*

1. Classes: Same regulations as apply to other courses.

2. Drill and Dress Parade: In order to make drill and dress parade a success, students are expected to attend all formations. It is obvious that when any large number is absent, the depleted ranks materially interfere with efficient instruction; and so it happens that those present are the ones most penalized. Therefore, all absences are required to be made up before the close of each semester. Should any student be absent six (6) times during a semester, without approval from proper authority, he will be placed on probation and so notified. If he is absent thereafter, he will be reported to the Registrar and will be notified by him that he has been

dropped from the University. Any student so dropped may have his case reviewed by the Committee on Military Affairs, but must make application for such review in person within forty-eight hours (not including Saturdays, Sundays and holidays) from date on which he was dropped.

M. *Nine-Day Rule*: No student shall absent himself from the University for more than nine (9) scholastic days per semester in order to participate in athletic or in other extra-curricula activities.

Schedules of each extra-curricula activity must be approved by the proper faculty committee, namely: the Committee on Athletics over athletic schedules; the Committee on Public Debating over debating and oratorical schedules; the Committee on Glee Club and Dramatics over Glee Club and dramatic schedules, etc.

Should occasion arise in which the Nine-Day Rule might seem to work a hardship, an appeal may be made to the University Council.

The Nine-Day Rule applies to individual members of the groups here in question. Groups composed of an entirely different personnel are treated as separate teams; consequently a schedule of more than nine (9) days for any activity is not prohibited, provided that no student is absent from the campus more than that number of scholastic days per semester.

The Committee has defined "scholastic day" as any day upon which regular University work is scheduled.

XVI. SELF-HELP

In view of the fact that there are comparatively few positions on the campus and in the City of Gainesville, it is strongly urged that no freshman come to the University with the expectation of depending very largely upon his earnings during his first college year.

The Committee on Self-Help, of which the Dean of Students is chairman, undertakes to award positions on the campus to deserving UPPER-CLASSMEN. The following conditions will govern it in making assignments:

A. The scholastic record of the student will be taken into consideration. In general, no student failing in any subject will be considered.

B. Preference will be given to those having experience.

C. The financial condition of the student will be taken into consideration.

D. No graduate students will be used except as graduate assistants in positions requiring the training which the student has secured in college.

E. No student on probation of any kind will be given a position. If, while holding one, he is placed on probation, he will be required to resign the position.

F. A student may not hold two University positions the combined salaries of which exceed \$100.00 per year.

Unskilled student labor is paid for at the present time at the rate of thirty cents per hour; skilled labor is proportionately compensated. Under-graduate laboratory assistants are paid by the hour according to the following schedules: sophomores, thirty-five cents; juniors, forty cents; seniors, forty-five cents.

XVII. CLASSIFICATION OF STUDENTS

Following is the minimum number of semester credits (except in the College of Engineering) for advanced standing:

Sophomore Classification.....	18	
Junior Classification.....	52	(Junior Law 15)
Senior Classification.....	86	(Senior Law 43)

College of Engineering: To be classified as a sophomore, the student must have completed more than half of the freshman work; to be classified as a junior, he must have completed all the freshman and more than half of the sophomore work; to be classified as a senior, he must have completed all the freshman and sophomore, and more than half of the junior work.

Until all entrance credits have been satisfied, a student shall not rank higher than a freshman; a student deficient in any freshman work shall not rank higher than a sophomore; one deficient in sophomore work, not higher than a junior. A special student is not considered as belonging to any regular class. No student under twenty-one years of age may register as a special student without the consent of parent or guardian and the dean of his college.

When special students make up their deficiency they may become regular students, and candidates for a degree.

Special Students: Students desiring to take special courses may be allowed to take those classes for which they are prepared. The number of such students in a college is, however, restricted to an extremely small percent of the total enrollment. These students are subject to all the laws and regulations of the University. Special courses do not lead to a degree. The College of Law does not admit special students.

The University permits special courses to be taken solely in order to provide for the occasional exceptional requirements of individual students. Accordingly, no minor is permitted to enter as a special student except in the College of Agriculture. A special student will be required to pursue a regular course, even though he may expect to attend the University only a year or two.

Adult Specials: Persons twenty-one or more years of age who cannot satisfy the entrance requirements but who give evidence of ability to profit by the courses they may take, may, under exceptional circumstances, be admitted as "Adult Specials."

XVIII. SOCIAL ACTIVITIES

All student social affairs shall be under the jurisdiction of the Committee on Student Organizations, which shall be composed of four representatives from the faculty, appointed by the President of the University, including the Dean of Students as *ex-officio* chairman, and three students selected as follows:

One member named by the Executive Council of the student body.

One member named by the Honor Court.

One member named by the Interfraternity Conference and the Panhellenic Council.

A. *Dance Periods:*

1. Four dance periods, prescribed by the interfraternity organizations, have been designated for social activities of student organizations of the University of Florida.

a. *Homecoming*The week-end of Homecoming

b. *Mid-Term*About February 15 (week-end)

c. *Spring Recess*During the spring

d. *The Finals*During the last week of the second semester

2. Formal and informal dances may be given during these periods.

3. Pop dances, tea dances, script dances, or other social functions of a similar nature, if approved by the Committee on Student Organizations, may be given during

or between these regular dance periods. Such social occasions shall be limited for a single student group to an average of one event per month.

No house parties shall be authorized except during the Spring Recess.

B. Times for Dances:

1. All dances or other social events given by or at the expense (wholly or in part) of student organizations of the University, and approved by the Committee on Student Organizations, may be held only on Friday or Saturday afternoons and evenings. Friday evening dances shall terminate not later than 1:00 a. m., and Saturday evening dances not later than midnight. In special cases an entertainment, approved by the Committee on Student Organizations, may be scheduled for the morning hours, but never earlier than 10:00 a. m.

2. All social activities shall cease at 2:30 a. m., and fraternity houses at which young ladies are guests must be cleared of men by that time.

3. There shall be a house chaperon (or chaperons) approved by the Committee on Student Organizations at each fraternity house in which young ladies are guests. It shall be one of their duties to see that the young ladies are in their rooms for the night by 2:30 a. m.

4. It shall be the duty of the president of the fraternity or organization to supply the house chaperons with a list of the guests and to inform them of the University ruling on this matter. Representatives of the student organizations or groups shall be jointly responsible with the chaperons for the behavior of students and guests on the dance floor and at fraternity houses at which young ladies stay.

C. Authorization for Dances:

Authorization for formal, informal, script or tea dances, or for a social entertainment of any nature, given by or at the expense (wholly or in part) of a student organization of the University of Florida during the school term, either on or off the campus, must be secured from the Chairman of the Committee on Student Organizations, from whose office authorization blanks may be secured. The application must be signed by the president and the chairman of the entertainment committee of the student organization, or by those persons responsible for the event, and also by the chaperons. (A letter of acceptance from an out-of-town chaperon may be submitted in lieu of the signature on the application.) This requirement applies also to social events of student organizations held out of Gainesville during the regular session of the University.

D. Conduct of Dances:

1. At each dance given by any student organization or group there shall be a Floor Committee, appointed by such organization or group. It shall be the duty of the Floor Committee to report to the dance chaperons at frequent intervals for advice and suggestions concerning the conduct of the dance.

2. Participants in dances and all social functions given by student organizations or groups of the University shall conduct themselves in a gentlemanly or ladylike manner. Failure on the part of any one to comply with this requirement may result in exclusion from all such social functions.

E. Forms of Dances Defined:

1. *Pop Dance:* One given on comparatively short notice in order to entertain local or visiting girls. Pop dances must close at midnight.

2. *Tea Dance*: One having the same classifications as a pop dance, except that it is given between the hours of 4:00 p. m. and 8:00 p. m.

3. *Informal Dance*: One without purchased decorations or favors, or hired music, with simple and inexpensive refreshments.

4. *Formal Dance*: Any dance beginning after 9:30 p. m., at which purchased decorations, favors and hired music are provided. The cost of formal dances must be kept within reasonable limits, estimates of which must, previous to the dance, be submitted to and approved by the Committee on Student Organizations.

F. *Place for Social Entertainments*:

1. Fraternities entertaining must do so in their homes or at some place approved by the Committee on Student Organizations.

2. Non-fraternity groups or organizations entertaining must do so at some place approved by the Committee on Student Organizations.

G. *Social Functions Given for Profit*: On or before January 15 (for the first semester) and May 15 (for the second semester), the chairman of a student organization giving any form of social entertainment for the purpose of raising money for the organization, or for any division of the University, shall file with the Business Manager of the University a financial statement showing all receipts and disbursements during the semester in question.

H. *Social Calendar*:

1. The chairman of the Committee on Student Organizations publishes each semester a social calendar of the University. Each student organization shall prepare and submit to said chairman a tentative list of social events which it expects to give, to be entered on this calendar. The list of functions to be given during the first semester shall be submitted on or before October 1; a list of those to be given during the second semester, on or before January 15.
2. Failure on the part of any student organization or group to comply with the above regulations shall make it liable to exclusion from social activities during the semester involved.

1. Violation of the foregoing regulations by a student organization or group of the University may result in a denial of further social privileges, and, if the Committee on Student Organizations deems such violation a serious one, the matter shall be turned over to the Committee on Discipline for action.

XIX. FRATERNITIES, SOCIETIES AND CLUBS

A. *Committee on Fraternities, Societies and Clubs*: There shall be a Committee on Fraternities, Societies and Clubs composed of four members of the faculty and three members of the student body. The student members shall be members of the senior class in good standing and shall be chosen as follows: one by the Interfraternity Conference, one by the Panhellenic Council and one selected by the Executive Council of the student body. The student members shall be elected from the junior class during the latter part of the spring semester.

All reports called for from fraternities, societies and clubs shall be made to the Dean of Students, who is *ex-officio* chairman of this committee.

B. *Social Fraternities*: The term "social fraternity" as used in these regulations shall include all chapters of national social fraternities on the campus, also all chapters of local fraternities organized and operated for the same general purposes and in the same general manner as chapters of national social fraternities.

1. *Any organization desiring faculty recognition as a social fraternity as above described shall comply with the following requirements:*
 - a. Within fifteen days after the opening of the fall semester, a list of all active members and pledges shall be submitted to the Committee on Fraternities, Societies and Clubs.
 - b. The insignia of the organization shall be approved, so that they will not conflict with that of existing groups.
 - c. The organization shall have at least fifteen active members.
 - d. A member of the faculty, who may or may not be a member of the organization, shall be appointed to act as its Adviser. The name of the person so chosen shall be reported to the Dean of Students and approved by him.
 - e. The organization shall be incorporated under the laws of Florida.
 - f. The organization shall have a definite, approved financial program.
 - g. Before petitioning a national fraternity for a charter, a local organization must first secure the permission of the Committee on Fraternities, Societies and Clubs, and must have been recognized by the committee for at least three years before applying for such permission. The consent of the committee can be secured only by satisfying its members that the local organization is stable; that it has satisfactory scholastic, social and moral standards; that the fraternity which they desire to petition is a desirable one; and that the fraternity field is not overcrowded.
2. *All Social Fraternities as above defined shall operate under the following regulations:*
 - a. At the opening of the school year each fraternity operating a chapter house shall present a set of house rules to the Dean of Students and shall immediately report to him any subsequent changes in these rules.
 - b. The statutes of the State of Florida relative to occupants of fraternity houses are as follows:

897. *Property exempt from taxation.* The following property shall be exempt from taxation:

Third. Such property of educational, literary, benevolent, charitable and scientific institutions within this State as shall be actually occupied and used by them solely for the purpose for which they have been or may be organized, but *property of such institutions which is rented wholly or in part and the rents, issues and profits only used by such institutions shall not be exempt from taxation*, nor shall any property held by them as an investment or for speculation be exempt from taxation.

898. *Exemption of property of women's clubs, American Legion, fraternities, sororities, etc.* All property in this State now owned and exclusively used by the regularly constituted women's clubs of Florida, or American Legion, or the duly constituted chapters, inns, or other associations duly chartered by national college fraternities or national college sororities, located and existing at colleges and universities in the State of Florida at State institutions or duly chartered as such colleges or universities by the State of Florida, *used solely as their club house or home*, is hereby defined to mean such property as is contemplated by Section 1, of Article IX, of the Constitution of Florida and is hereby declared to be exempt from all taxation.

- c. Soon after the close of each semester the Registrar shall publish the grade averages of all the fraternities on the campus. The averages of both the initiated men and the pledges shall be computed, but each shall be computed separately. A fraternity may drop pledges as late as, but not later than, two weeks before the close of a semester without having their grades count in the final average of its pledges provided notice is immediately transmitted to the Registrar; but pledges dropped for poor scholarship may not be replaced until the Registrar certifies that they have attained the general University average.
- d. A faculty cup is awarded to the fraternity which makes the highest average for the year—this average to be the *combined average of both members and pledges*.

C. *Social Societies*: All societies organized for social purposes shall be known as Social Societies and shall be subject to the following regulations:

1. Within sixty days after the opening of the fall semester, a list of all active members and pledges shall be submitted to the Committee on Fraternities, Societies and Clubs.
2. The organization shall have an approved constitution and by-laws, which it shall file with the committee.
3. The insignia of the organization shall be approved, so that they will not conflict with that of existing groups.
4. A member of the faculty, who may or may not be a member of the organization, shall be appointed to act as its Adviser. The name of the person so chosen shall be reported to the Dean of Students and approved by him.
5. The organization shall have a definite, approved financial program.

D. *All Other Professional, Scholastic, or Honorary Organizations, National or Local, Shall be Subject to the Following Regulations*:

1. Within ten days after the beginning of first and second semesters, a list of all active members and pledges shall be submitted to the Committee on Fraternities, Societies and Clubs.
2. The organization shall have an approved constitution and by-laws, which it shall file with the Committee.
3. The insignia of the organization shall be approved, so that they will not conflict with that of existing groups.
4. A member of the faculty, who may or may not be a member of the organization, shall be appointed to act as its Adviser. The name of the person so chosen shall be reported to the Dean of Students and approved by him.
5. The organization shall have a definite, approved financial program.
6. Before petitioning a national organization for a charter, a local organization must first secure the permission of the Committee on Fraternities, Societies and Clubs, and must have been recognized by that Committee for at least three years before applying for such permission. The consent of the Committee can be secured only by satisfying its members that the local organization is stable; that it has satisfactory scholastic, social and moral standards; that the organization which they desire to petition is a desirable one; and that the organization field is not overcrowded.

XX. HONOR SYSTEM

The Honor Code of the student body of the University of Florida forbids:

A. *Cheating*: Cheating is defined as giving or receiving any manner of aid in connection with a test or examination in any college course.

B. *Stealing*: All misdemeanors coming under this head committed within the City of Gainesville are handled by the Honor Court; all misdemeanors of this nature committed outside of the City of Gainesville are handled by the Committee on Discipline.

C. *Failure to Report Any Violation of the Two Preceding Acts*: A violation of any part of this Code subjects the individual concerned to an immediate trial before the Honor Court.

The Honor Court is composed of students elected from the various colleges at the general student body election. Each Court elects its own Chancellor and its Clerk. The meetings of the Court are secret. If the accused is found innocent by the Court, he is immediately cleared of all charges, and no publicity is given concerning the action of the Court. If the accused is found to be guilty, and makes no immediate appeal to the President of the University, the Court shall, at its discretion:

1. *Reprimand and warn* the culprit, if there are mitigating circumstances, the violation is not flagrant and it is the first offense; or

2. *Suspend*, if the guilt is clear, the culprit pleads guilty and it is the first offense; or

3. *Expel*, if the violation is flagrant and wilful or it is the second offense.

The decrees of the Court are published for a period of one month on the University bulletin boards. A student, once expelled by a decree of the Honor Court, shall never be received back into membership in the student body except upon vote of the University Council.

Copies of all decrees of the Honor Court shall be sent to the Registrar.

XXI. DIRECTORY

A directory of students and faculty is kept posted in a Kardex file by the door of the Registrar's office in Language Hall. Students should keep this directory up to date. A place for corrections will be found after each name.

XXII. WITHDRAWAL FROM THE UNIVERSITY

Students wishing to withdraw from the University shall secure the proper blank from the Registrar's office and shall have it signed by the authorities indicated thereon. Students withdrawing from the University and neglecting to have the blank properly executed will be given a grade of *E* on the courses for which they are registered and will be subject to the rule governing failures.

XXIII. REGISTRATION OF AUTOMOBILES

In general the University authorities discourage students owning and operating automobiles while in attendance at the University. While there is no prohibition of students having automobiles while in attendance at the University, the following regulations are in force:

1. In case a student wishes to own and operate an automobile for more than one week, he must fill out a request card at the Registrar's office for which he will be given a permit card. This card must be shown any proper University official on request.

2. The written permission of the student's parent or guardian must be filed with the request for permission to operate an automobile. In case the student is over twenty-one years of age and self-supporting, the consent of the parent or guardian will not be required.

APPENDIX A

STANDARDS FOR OFF-CAMPUS ROOMING HOUSES AT THE UNIVERSITY OF FLORIDA

The Dean of Students keeps in close touch with off-campus rooming houses, and has formulated the following regulations:

1. All houses shall be subject to inspection by the Committee on Off-Campus Rooming Houses.
2. Students living in off-campus rooming houses shall be subject to the same regulations in matters of conduct as those living in the dormitories.
3. It is expected that the householder of an acceptable house shall report to the office of the Dean of Students any general or frequent infringement of regulations on the part of the students in the house.
4. To be desirable, a room should have a minimum content of 600 cubic feet of air space per occupant and a minimum size of 7x11x8 for one occupant; 15x10x8 for two occupants.
5. The room should have at least two windows opening both at top and bottom and fully screened. Cross ventilation should be provided. For night and dark days facilities should be provided sufficient to furnish proper reading light in all corners of the room.
6. Access to the bath should be possible without passing through other bedrooms, living room or kitchen.
7. There should be at least one bathroom with toilet, lavatory, tub or shower, for every eight persons in the house. Each bathroom should have at least one window with outside exposure. The floor should be of easily cleaned, non-absorbent material. The bathroom should be properly heated, and if an instantaneous heater is used for hot water, it should have a vent stack through the roof or into the attic. Drop light should NOT hang over the tub. Hot water should be provided when needed.
8. Furnace heat is desirable; the minimum temperature of the room should be 68° F. When furnace heat is not possible, facilities for heating in other ways, EXCLUSIVE OF KEROSENE AND GAS HEATERS having no outside flue, should be provided. The cost of heating the room should be included in the room rent.
9. There should be provided for each student two or three good-sized drawers, one mirror measuring at least the equivalent of 22"x28", a dustless closet or wardrobe, a study table at least 27"x40" with drop light, one straight chair for study and one comfortable chair, a single bed, and a good mattress, hair or felt, protected with a washable cover.

10. The householder should be responsible for cleaning each room daily. The students should assist in keeping rooms clean. The householder should see that the lavatories are thoroughly cleaned daily, and toilets and floors kept clean. The householder should furnish some good bathtub cleanser and insist, if necessary, that the students use it after each bath, in case of tub bath.
11. The family of the household, as well as guests, should be willing to adapt themselves to rules governing study hours of students.
12. Before registering in the Summer School students are required to sign a written pledge that they will not room in an off-campus rooming house, if both men and women are accommodated in the house. In the case of married couples special permission will be given in regard to their rooming houses.

APPENDIX B

DORMITORY RULES AND REGULATIONS

The dormitories are in charge of a Superintendent of Janitors and Laborers and a competent housekeeper with maids who, with the assistance of monitors, will be responsible for the safe-keeping of all property and the sanitary condition of the dormitories, also the conduct of the student-roomers. All rooms will be thoroughly cleaned every morning and a report of any breakage will be made. The monitors shall be upper-classmen. One will be assigned to each section, and one of his duties will be to report any breach of discipline to the Dean of Students.

Dormitory rooms are leased to students for a period of not less than one semester. Special permission may be granted for substitution by other students. Only in case of resignation will any part of the rent be refunded. A student not desiring to keep his room for the second semester must notify the Business Manager by the Christmas holidays.

For the information of those students living in the dormitories the following regulations are posted in every room:

1. *Study Periods:* 7:30 to 9:30 p. m. (except Saturdays and Sundays).
2. Students must be in their rooms each night by 11:30 p. m. Lights must be out by 12:00 m. Permission to be out after hours must be approved by the monitor in charge.
3. Students are expected to have rooms open to housekeepers by 7:00 a. m. week days, and by 8:00 a. m. Sundays.
4. Each room will be provided with a waste basket. After buildings have been put in order no trash will be allowed on floors of rooms or hall.
5. Each student is expected to have his clothes and personal effects in order at the hours stated above.
6. All damage done in rooms or sections will be noted by housekeepers and the cost of repairs will be deducted from the student's deposit fee. AN EXTRA CHARGE WILL BE MADE for lights burned after 12:00 m., and for electric fans or stoves used.
7. Each room is provided with a certain amount of furniture. No change of room or exchange of furniture will be allowed without permission of the housekeeper.

8. Clean bed-linen must be provided by each student at least once a week. Changes will be made Saturday morning.

9. No spitting in rooms or halls will be tolerated.

10. Pasting or nailing pictures to the wall will not be permitted; they must be hung from picture moulding. A charge of fifty cents will be made for each violation of this regulation reported by the housekeeper.

11. Students are required to hand to the housekeeper receipts for room rent. No refund will be allowed for less than one month's absence. Students leaving the dormitory must check out to the housekeeper.

12. Rough-housing will not be tolerated.

The University Record

of the

University of Florida

Bulletin of
Freshman Week Program



Vol. XXV, Series 1

No. 12

Sept. 1, 1930

*Entered in the post office in Gainesville as second-class matter,
under Act of Congress, August 24, 1912.*

The University Record of the University of Florida is issued once every month except June, when it is issued six times.

The Record comprises:

The Reports of the President and the Board of Control, the Bulletin of General Information, the annual announcements of the individual colleges of the University, announcements of special courses of instruction, and reports of the University Officers.

These bulletins will be sent gratuitously to all persons who apply for them. The applicant should specifically state which bulletin or what information is desired.

Address

THE REGISTRAR

University of Florida

Gainesville, Florida

Research Publications.—Research publications will contain results of research work. Papers are published as separate monographs numbered in several series.

There is no free mailing list of these publications. Exchanges with institutions are arranged by the University Library. Correspondence concerning such exchanges should be addressed to the University Librarian, University of Florida, Gainesville, Florida. The issue and sale of all these publications is under the control of the Committee on Publications. Requests for individual copies, or for any other copies not included in institutional exchanges, should be addressed to the University Bookstore, University of Florida, Gainesville, Florida.

The Committee on University Publications

University of Florida

Gainesville, Florida

WELCOME TO THE FRESHMEN

I wish I could say something that would really express the welcome that I feel in my heart for every boy coming for the first time to this University. Many of you are leaving home for the first time. All of you are taking a step that is likely to determine the whole direction of your future life. Your future vocation, happiness and character are to be profoundly affected in all probability.

We are glad you have come to the University of Florida. Though we may not have the time to cultivate you as we would like, yet we feel the same interest in you as if you were just one boy. May each and everyone find here the work, the play, and the ultimate happiness which he seeks and which we want him to have.

JOHN J. TIGERT, *President.*

FRESHMEN MUST BE READY FOR WORK MONDAY 10 A. M., SEPT. 15TH.

NAME _____

GROUP _____

Freshman Week Program

UNIVERSITY OF FLORIDA
September 15-22, 1930

Committee on Freshman Week
B. A. TOLBERT, DEAN OF MEN
R. C. BEATY, ASSISTANT DEAN OF MEN
AND ADVISER TO FRESHMEN

Headquarters
DEAN OF MEN'S OFFICE
106 Peabody Hall

Preserve this program. Bring it with you to Gainesville. Keep it on your person every day during Freshman Week

GENERAL INSTRUCTIONS

1. All men intending to enter the freshman class must be present for the first session at 10:00 a. m. Monday, September 15th, in the Auditorium. Counselors and Student Leaders will be introduced to each group at this meeting.

2. Be sure to read carefully the description of all activities for the week.

3. The program for each college is on a separate page. Follow carefully the program of your college.

4. Attendance will be checked at each meeting. Absences will be counted as class cuts. The University authorities reserve the right to drop from the rolls any student absent from any scheduled activity. A late registration fee will be charged all students not present at the 10:00 o'clock meeting, Monday morning.

5. Locate your Counselor's office and your Student Leader and call on them for any help you need.

6. The activities of the week are designed to help you get a good start; take part in them in the right spirit and we feel sure you will be repaid for the effort.

7. The office of the Dean of Men is in Room 106, Peabody Hall. You will be welcome here at any time during your stay at the University. This office exists for the purpose of helping college men find solutions for difficult problems.

8. Don't hunt trouble. Endeavor to fit yourself into college life with the least amount of friction. You will find that your instructors really desire to help you and are interested in your problems. Feel free to ask questions about matters pertaining to your schedule and courses.

ACTIVITIES

One of the primary purposes of Freshman Week is to give you an opportunity to meet, outside of the class room, the various faculty members under whom you are to work and the student body leaders with whom you are to live. The various meetings scheduled will provide for a large number of contacts. Your Student Leader will be glad, however, to arrange a personal conference with any other faculty member you would like to meet.

REGISTRATION:

Registration for all freshmen will take place in the New Gym. You must be very careful in registering to get class cards, sections and courses of study exactly correct. Detailed instruction will be given at the time of registration. Do not hesitate to ask questions of your Counselor or Student Leader on matters pertaining to your registration.

PHYSICAL EXAMINATION:

Physical examination will take place in the Old Gym. You will be given a thorough physical examination by competent physicians. You should make careful note of any physical defect pointed out and follow instructions given.

INTERVIEW WITH COUNSELORS:

The purpose of this interview is to supply personnel information which will be valuable to the University authorities in helping you to become better adjusted to University life. Your Counselor will be in his office every day this week and will take pleasure in advising with you on matters in which you need help.

STUDENT ACTIVITY PERIOD:

This period is in charge of outstanding student leaders of the student body who have made good in University life. They will give you information on all extra-curricula activities. You will do well to give attention to this period.

CHEMISTRY PLACEMENT TEST:

Students whose course of study includes chemistry will take this test. The purpose of the test is to secure information about your knowledge of chemistry which will enable your instructors in this subject to place you in the proper section and adjust the work to your training in chemistry.

ENGINEERING QUALIFYING TEST:

All students applying for admission to the College of Engineering are required to take this test before being admitted. The test is on basic subjects which are necessary for the engineering course. The purpose is to test closely your training in these subjects in order to avoid taking students whose lack of training would render failure almost certain.

ENGLISH PLACEMENT TEST:

These tests are on the foundations in the use of English. Such matters as spelling, capitalization, punctuation, correct use of verb and noun forms, and the discrimination in the meaning of words are included. Those students who show themselves especially deficient in this work will be required to take an extra semester of work along the lines indicated before being permitted to register for English 101. No college credit will be given for this extra semester of work. It is important that you be at your best for this test. The record you make will determine your classification in the English Department. Bring TWO PENCILS. Note books will be furnished.

PSYCHOLOGICAL TEST:

It is important that you be in the best of condition when you take this test. Your record in this test will be used by your instructors and dean during your college career, and perhaps by your employer after leaving college. Bring TWO PENCILS.

CONFERENCE WITH THE DEAN:

At this conference you ought to determine, as far as this session is concerned, whether or not you will remain in the college you selected at the beginning of Freshman Week. If you want to make a change after this explanation of the purposes and requirements of the college, you will need to consult your Counselor and Student Leader before joining another group.

RECREATION:

The University swimming pool will be open each day during Freshman Week and you are invited to use it during the recreation period.

RECEPTION:

On Monday afternoon, from 4:00 to 6:00 p. m., the Faculty of the University will give a reception to the Freshman Class. At this time you will have an opportunity to meet President and Mrs. Tigert, the deans of the various colleges and their wives, and the members of the faculty and their wives, of your college. It is very desirable that every man be present for this occasion.

LIBRARY:

The Library is a very systematic as well as efficient organization and you will need to know at once how to use it to the best advantage. A great deal of your reference work will be done in the Library. There will be a demonstration given to your group.

THE PRESIDENT'S ADDRESS:

At the conclusion of this hour, the division into groups, and assignments of Counselors and Student Leaders will take place.

INFORMATION:

The O. D. K. Fraternity is made up of many leaders in the various student activities. This group will maintain an information booth where freshmen will be welcomed and where information about the University and its activities will be given. You are cordially invited to call on these young men for help of any kind.

HONOR COURT AND SPECIAL ASSESSMENTS:

During Freshman Week information will be given concerning the Honor Code of the University of Florida. This phase of college life is considered so important by the authorities that additional assembly periods will be devoted to its emphasis. All freshmen will be required to attend assembly on Thursday, September 25, and October 2 at 10:00 a. m., and October 3 at 8:00 p. m. Please bear these assemblies in mind as attendance will be taken on all freshmen.

PROGRAM OF ACTIVITIES

COLLEGE OF AGRICULTURE

Groups 1-2

MONDAY, SEPTEMBER 15TH

- 10:00-12:00 A.M. President's Address and Organization—Auditorium.
2:00- 4:00 P.M. English Placement Test—Peabody 112.
4:00- 6:00 P.M. Reception—New Gym.
7:00- 9:00 P.M. Conference with Dean—Agriculture Building 104.

TUESDAY, SEPTEMBER 16TH

- 8:30- 9:00 A.M. Assembly—Auditorium.
9:00-12:00 A.M. Psychological Test—Auditorium.
2:00- 4:00 P.M. Chemistry Placement Test—Chemistry Building 112.
4:00- 6:00 P.M. Recreation.
7:00- 9:00 P.M. _____.

WEDNESDAY, SEPTEMBER 17TH

- 8:30- 9:00 A.M. Assembly—Auditorium.
9:00-12:00 A.M. Registration—New Gym.
2:00- 4:00 P.M. Meet Counselor.
4:00- 6:00 P.M. Recreation.
7:00- 9:00 P.M. Physical Examination—Old Gym.

THURSDAY, SEPTEMBER 18TH

- 8:30- 9:00 A.M. Assembly—Auditorium.
9:00-12:00 A.M. Student Activity Period—Law Building 201.
2:00- 4:00 P.M. Meet Counselor.
4:00- 6:00 P.M. Recreation.
7:00- 9:00 P.M. Address—Auditorium.

FRIDAY, SEPTEMBER 19TH

- 8:30- 9:00 A.M. Assembly—Auditorium.
9:00-12:00 A.M. Meet Counselor.
2:00- 4:00 P.M. Library Information—Library Building.
7:00- 9:00 P.M. _____.

SATURDAY, SEPTEMBER 20TH

- 9:00-12:00 A.M. Meet Counselor.

PROGRAM OF ACTIVITIES

ENGINEERING COLLEGE

Groups 3-4-5

MONDAY, SEPTEMBER 15TH

- 10:00-12:00 A.M. President's Address and Organization—Auditorium.
2:00- 4:00 P.M. English Placement Test—Agriculture Building 104.
4:00- 6:00 P.M. Reception—New Gym.
7:00- 9:00 P.M. Conference with Dean—Engineering Building 203.

TUESDAY, SEPTEMBER 16TH

- 8:30- 9:00 A.M. Assembly—Auditorium.
9:00-12:00 A.M. Psychological Test—Auditorium.
2:00- 4:00 P.M. Engineering Qualifying Test—Engineering Building 203.
7:00- 9:00 P.M. _____.

WEDNESDAY, SEPTEMBER 17TH

- 8:30- 9:00 A.M. Assembly—Auditorium.
9:00-12:00 A.M. Registration—New Gym.
2:00- 4:00 P.M. Meet Counselor.
4:00- 6:00 P.M. Recreation.
7:00- 9:00 P.M. Physical Examination—Old Gym.

THURSDAY, SEPTEMBER 18TH

- 8:30- 9:00 A.M. Assembly—Auditorium.
9:00-12:00 A.M. Meet Counselor.
2:00- 4:00 P.M. Student Activity Period—Law Building 201.
7:00- 9:00 P.M. Address—Auditorium.

FRIDAY, SEPTEMBER 19TH

- 8:30- 9:00 A.M. Assembly—Auditorium.
9:00-12:00 A.M. Library Information—Library Building.
2:00- 4:00 P.M. Meet Counselor.
4:00- 6:00 P.M. Recreation.
7:00- 9:00 P.M. _____.

SATURDAY, SEPTEMBER 20TH

- 9:00-12:00 A.M. Meet Counselor.

PROGRAM OF ACTIVITIES

SCHOOL OF ARCHITECTURE

Group 6

MONDAY, SEPTEMBER 15TH

- 10:00-12:00 A.M. President's Address and Organization—Auditorium.
2:00- 4:00 P.M. English Placement Test—Chemistry Building 212.
4:00- 6:00 P.M. Reception—New Gym.
7:00- 9:00 P.M. Conference with Dean—Peabody 204.

TUESDAY, SEPTEMBER 16TH

- 8:30- 9:00 A.M. Assembly—Auditorium.
9:00-12:00 A.M. Psychological Test—Auditorium.
2:00- 4:00 P.M. Engineering Qualifying Test—Engineering Building 203.
4:00- 6:00 P.M. Recreation.
7:00- 9:00 P.M. _____.

WEDNESDAY, SEPTEMBER 17TH

- 8:30- 9:00 A.M. Assembly—Auditorium.
9:00-12:00 A.M. Registration—New Gym.
2:00- 4:00 P.M. Meet Counselor.
4:00- 6:00 P.M. Recreation.
7:00- 9:00 P.M. Physical Examination—Old Gym.

THURSDAY, SEPTEMBER 18TH

- 8:30- 9:00 A.M. Assembly—Auditorium.
9:00-12:00 A.M. Meet Counselor.
2:00- 4:00 P.M. Student Activity Period—Law Building 201.
4:00- 6:00 P.M. Recreation.
7:00- 9:00 P.M. Address—Auditorium.

FRIDAY, SEPTEMBER 19TH

- 8:30- 9:00 A.M. Assembly.
9:00-12:00 A.M. Meet Counselor.
2:00- 4:00 P.M. Meet Counselor.
4:00- 6:00 P.M. Recreation.
7:00- 9:00 P.M. _____.

SATURDAY, SEPTEMBER 20TH

- 9:00-12 A.M. Library Information—Library Building

PROGRAM OF ACTIVITIES

COLLEGE OF PHARMACY

Group 7

MONDAY, SEPTEMBER 15TH

- 10:00-12:00 A.M. President's Address and Organization—Auditorium.
2:00- 4:00 P.M. English Placement Test—Chemistry Building 212.
4:00- 6:00 P.M. Reception—New Gym.
7:00- 9:00 P.M. Conference with Dean—Chemistry Building 212.

TUESDAY, SEPTEMBER 16TH

- 8:30- 9:00 A.M. Assembly—Auditorium.
9:00-12:00 A.M. Psychological Test—Auditorium.
2:00- 4:00 P.M. Chemistry Placement Test—Chemistry Building 112.
4:00- 6:00 P.M. Recreation.
7:00- 9:00 P.M. _____.

WEDNESDAY, SEPTEMBER 17TH

- 8:30- 9:00 A.M. Assembly—Auditorium.
9:00-12:00 A.M. Registration—New Gym.
2:00- 4:00 P.M. Meet Counselor.
4:00- 6:00 P.M. Recreation.
7:00- 9:00 P.M. Physical Examination—Old Gym.

THURSDAY, SEPTEMBER 18TH

- 8:30- 9:00 A.M. Assembly—Auditorium.
9:00-12:00 A.M. Meet Counselor.
2:00- 4:00 P.M. Student Activity Period—Law Building 201.
4:00- 6:00 P.M. Recreation.
7:00- 9:00 P.M. Address—Auditorium.

FRIDAY, SEPTEMBER 19TH

- 8:30- 9:00 A.M. Assembly—Auditorium.
9:00-12:00 A.M. Meet Counselor.
2:00- 4:00 P.M. Meet Counselor.
4:00- 6:00 P.M. Recreation.
7:00- 9:00 P.M. _____.

SATURDAY, SEPTEMBER 20TH

- 9:00-12:00 A.M. Library Information—Library Building.

PROGRAM OF ACTIVITIES

TEACHERS' COLLEGE

Groups 8-9-10

MONDAY, SEPTEMBER 15TH

- 10:00-12:00 A.M. President's Address and Organization—Auditorium.
2:00- 4:00 P.M. English Placement Test—Chemistry 112.
4:00- 6:00 P.M. Reception—New Gym.
7:00- 9:00 P.M. Conference with Dean—Peabody 205.

TUESDAY, SEPTEMBER 16TH

- 8:30- 9:00 A.M. Assembly—Auditorium.
9:00-12:00 A.M. Psychological Test—Auditorium.
2:00- 4:00 P.M. Meet Counselor.
4:00- 6:00 P.M. Recreation.
7:00- 9:00 P.M. _____

WEDNESDAY, SEPTEMBER 17TH

- 8:30- 9:00 A.M. Assembly—Auditorium.
9:00-12:00 A.M. Registration—New Gym.
2:00- 4:00 P.M. Meet Counselor.
4:00- 6:00 P.M. Recreation.
7:00- 9:00 P.M. Physical Examination—Old Gym.

THURSDAY, SEPTEMBER 18TH

- 8:30- 9:00 A.M. Assembly—Auditorium.
9:00-12:00 A.M. Student Activity Period—Law Building 201.
2:00- 4:00 P.M. Meet Counselor.
4:00- 6:00 P.M. Recreation.
7:00- 9:00 P.M. Address—Auditorium.

FRIDAY, SEPTEMBER 19TH

- 8:30- 9:00 A.M. Assembly—Auditorium.
9:00-12:00 A.M. Library Information—Library Building.
2:00- 4:00 P.M. Meet Counselor.
4:00- 6:00 P.M. Recreation.
7:00- 9:00 P.M. _____

SATURDAY, SEPTEMBER 20TH

- 9:00-12:00 A.M. Meet Counselor.

PROGRAM OF ACTIVITIES

COLLEGE OF COMMERCE AND JOURNALISM

Groups 11-12-13-14-15-16-17

MONDAY, SEPTEMBER 15TH

- 10:00-12:00 A.M. President's Address and Organization—Auditorium.
2:00- 4:00 P.M. English Placement Test—Groups 12-13-14-15, Engineering 203—
Group 16, Language 212—Groups 11 and 17, Language 109.
4:00- 6:00 P.M. Reception—New Gym.
7:00- 9:00 P.M. Conference with Dean—Law Building 201.

TUESDAY, SEPTEMBER 16TH

- 8:30- 9:00 A.M. Assembly—Auditorium.
9:00-12:00 A.M. Psychological Test—Auditorium.
2:00- 4:00 P.M. Student Activity Period—Law Building 201.
4:00- 6:00 P.M. Recreation.
7:00- 9:00 P.M. Physical Examination—Old Gym.

WEDNESDAY, SEPTEMBER 17TH

- 8:30- 9:00 A.M. Assembly—Auditorium.
9:00-12:00 A.M. Meet Counselor.
2:00- 4:00 P.M. Registration—New Gym.
4:00- 6:00 P.M. Recreation.
7:00- 9:00 P.M. _____.

THURSDAY, SEPTEMBER 18TH

- 8:30- 9:00 A.M. Assembly—Auditorium.
9:00-12:00 A.M. Library Information—Library Building—Groups 11-12-13-14.
2:00- 4:00 P.M. Library Information—Library Building—Groups 15-16-17.
4:00- 6:00 P.M. Recreation.
7:00- 9:00 P.M. Address—Auditorium.

FRIDAY, SEPTEMBER 19TH

- 8:30- 9:00 A.M. Assembly—Auditorium.
9:00-12:00 A.M. Meet Counselor.
2:00- 4:00 P.M. Meet Counselor.
4:00- 6:00 P.M. Recreation.
7:00- 9:00 P.M. _____.

← SATURDAY, SEPTEMBER 20TH

- 9:00-12:00 A.M. Meet Counselor.

PROGRAM OF ACTIVITIES

ARTS AND SCIENCE COLLEGE

A.B.—Groups 18-19-20-21

MONDAY, SEPTEMBER 15TH

- 10:00-12:00 A.M. President's Address and Organization—Auditorium.
2:00- 4:00 P.M. English Placement Test—Groups 18-19-20, Peabody 205—Group 21, Language 210.
4:00- 6:00 P.M. Reception—New Gym.
7:00- 9:00 P.M. Conference with Dean—Auditorium.

TUESDAY, SEPTEMBER 16TH

- 8:30- 9:00 A.M. Assembly—Auditorium.
9:00-12:00 A.M. Psychological Test—Auditorium.
2:00- 4:00 P.M. Meet Counselor.
4:00- 6:00 P.M. Recreation.
7:00- 9:00 P.M. _____.

WEDNESDAY, SEPTEMBER 17TH

- 8:30- 9:00 A.M. Assembly—Auditorium.
9:00-12:00 A.M. Student Activity Period—Law Building 201.
2:00- 4:00 P.M. Registration—New Gym.
4:00- 6:00 P.M. Recreation.
7:00- 9:00 P.M. _____.

THURSDAY, SEPTEMBER 18TH

- 8:30- 9:00 A.M. Assembly—Auditorium.
9:00-12:00 A.M. Meet Counselor.
2:00- 4:00 P.M. Meet Counselor.
4:00- 6:00 P.M. Recreation.
7:00- 9:00 P.M. Address—Auditorium.

FRIDAY, SEPTEMBER 19TH

- 8:30- 9:00 A.M. Assembly—Auditorium.
9:00-12:00 A.M. Meet Counselor.
2:00- 4:00 P.M. Library Information—Library Building.
4:00- 6:00 P.M. Recreation.
7:00- 9:00 P.M. Physical Examination—Old Gym.

SATURDAY, SEPTEMBER 20TH

- 9:00-12:00 A.M. Meet Counselor.

PROGRAM OF ACTIVITIES

ARTS AND SCIENCE COLLEGE

B.S.—Groups 23-24-25

Pre-Med.—Group 22

MONDAY, SEPTEMBER 15TH

- 10:00-12:00 A.M. President's Address and Organization—Auditorium.
2:00- 4:00 P.M. English Placement Test—Group 22. Language 211—Groups 23-24-25, Science 101.
4:00- 6:00 P.M. Reception—New Gym.
7:00- 9:00 P.M. Conference with Dean—Auditorium.

TUESDAY, SEPTEMBER 16TH

- 8:30- 9:00 A.M. Assembly—Auditorium.
9:00-12:00 A.M. Psychological Test—Auditorium.
2:00- 4:00 P.M. Chemistry Placement Test—Science Hall 101.
4:00- 6:00 P.M. Recreation.
7:00- 9:00 P.M. _____.

WEDNESDAY, SEPTEMBER 17TH

- 8:30- 9:00 A.M. Assembly—Auditorium.
9:00-12:00 A.M. Library Information—Library Building.
2:00- 4:00 P.M. Student Activity Period—Law Building 201.
4:00- 6:00 P.M. Registration—New Gym.
7:00- 9:00 P.M. _____.

THURSDAY, SEPTEMBER 18TH

- 8:30- 9:00 A.M. Assembly—Auditorium.
9:00-12:00 A.M. Meet Counselor.
2:00- 4:00 P.M. Meet Counselor.
4:00- 6:00 P.M. Recreation.
7:00- 9:00 P.M. Address—Auditorium.

FRIDAY, SEPTEMBER 19TH

- 8:30- 9:00 A.M. Assembly—Auditorium.
9:00-12:00 A.M. Meet Counselor.
2:00- 4:00 P.M. Meet Counselor.
4:00- 6:00 P.M. Recreation.
7:00- 9:00 P.M. Physical Examination—Old Gym.

SATURDAY, SEPTEMBER 20TH

- 9:00-12:00 A.M. Meet Counselor.

The following are the Student Leaders who will have charge of the Student Activity Period:

- DIXIE BEGGS, President of the Student Body.
- STEVE MONTGOMERY, Vice-President of the Student Body.
- JO D. GILL, Secretary of the Student Body.
- LARRY WALRATH, Chancellor of the Honor Court.
- CHESTER YATES, Clerk of the Honor Court.
- SELWYN IVES, Editor-in-Chief of the Seminole.
- GRANVILLE LARIMORE, Editor-in-Chief of the Alligator.
- PAUL ZIMMERMAN, President of the Y. M. C. A.

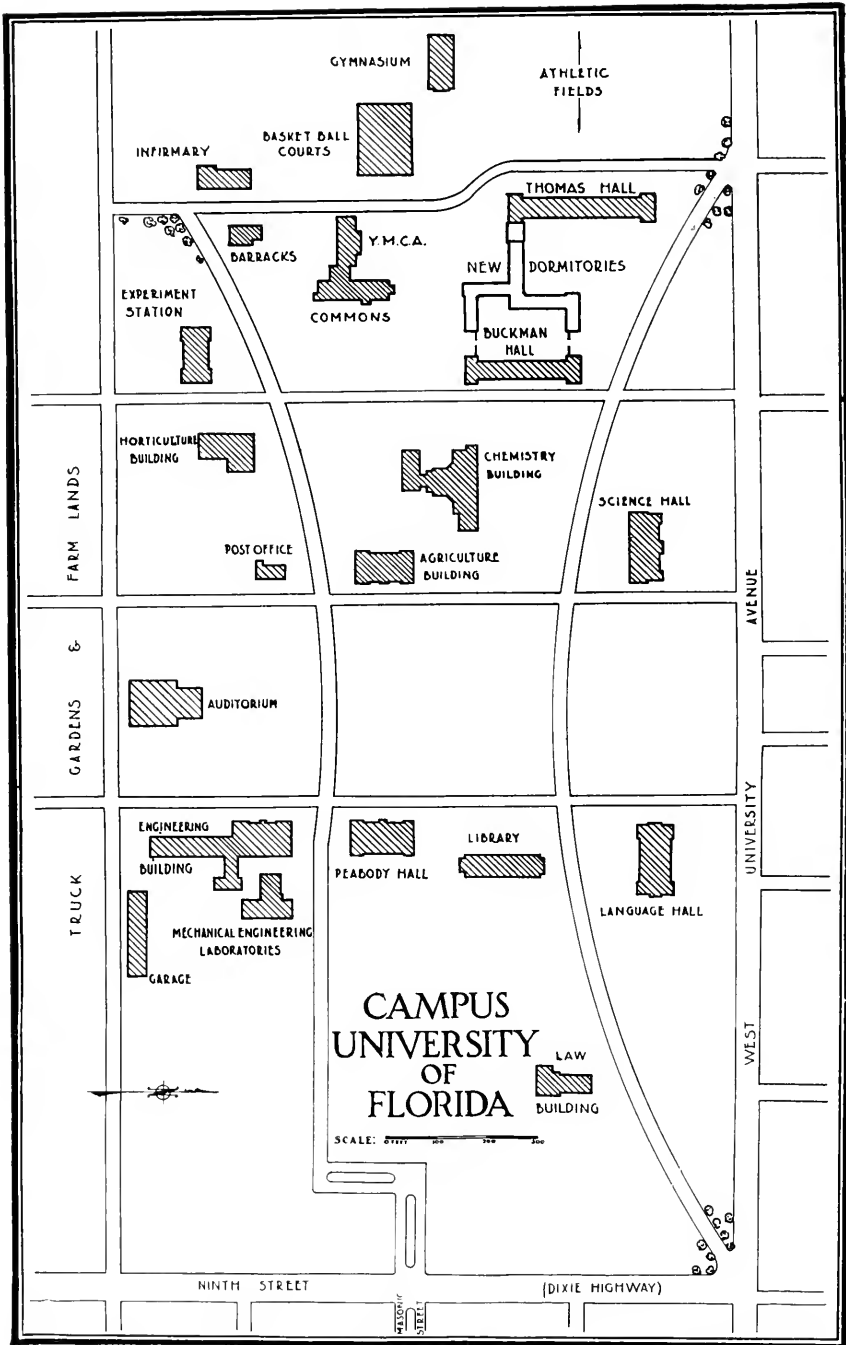
The activities to be discussed during this period are as follows:

1. Student Government.
2. Honor Court.
3. Fraternities.
4. Glee Club.
5. Orchestra.
6. Athletics.
7. Debating.
8. Young Men's Christian Association.
9. Publications.
10. Songs and Yells.

SOME FLORIDA TRADITIONS FOR FRESHMAN TO LEARN

1. Wear Rat Caps until the end of the first semester, except on Sundays.
2. Speak to all fellow students and faculty members.
3. Know all songs and yells printed in the "F" Book.
4. Do not wear high school or prep school insignia (awards or jewelry), except class rings.
5. Be able to name:
 - (A) Deans of all colleges on the campus.
 - (B) Captains, Managers and Coaches of all U. of F. major sport teams.
 - (C) At least ten student body officers.
 - (D) Name and location of every building on the campus.
6. Know all honorary fraternities in their respective colleges and the qualifications for membership.
7. Salute by touching the cap all seniors carrying the cane.
8. Attend all student body pep meetings.
9. Attend all athletic events and sit in the cheering section.
10. Do not cut campus or wear mustaches and at all times show courtesy and respect and uphold all Florida traditions.

<i>Group.</i>	<i>College.</i>	<i>Counselor.</i>	<i>Office.</i>	<i>Interviewer.</i>	<i>Room.</i>	<i>Student Leader.</i>
1.	Ag.	Bryan, O. C.	A-203	Arnow, C. C.	A-204	Kramer, George
2.	Ag.	Hamilton, H. G.	H-201	Woods, J. P.	H-205	McClellan, J. A.
3.	Eng.	Weil, Joseph	M-208	Maddox, J. C.	M-202	Rosenburg, M. M.
4.	Eng.	Lowe, T. M.	B-101	Mikell, W. O.	B-210	Pridgen, C. L.
5.	Eng.	Yeaton, P. O.	M-101	Guard, C. J.	M-102	Wilkes, Fred.
6.	Arch.	June, H. N.	P-304	McGovern, D.	P-206	Barnes, E. A.
7.	Pharm.	Footo, P. A.	C-312	Gill, Jo D.	C-312	Katsch, James
8.	Tea.	Roemer, Joseph	P-103	Dauer, M. J.	P-101	Smith, C. B.
9.	Tea.	Garris, E. W.	P-211	Culpepper, J. B.	P-208	Kenzie, Norman
10.	Tea.	Crago, Alfred	P-211	Connor, J. A.	P-209	Best, Paul
11.	G&J	Chace, J. E.		Herrin, W. A.		Pillsbury, D. A.
12.	G&J	Wilson, Joe	L-13	Walt, Harold	L-109	Harris, David
13.	G&J	Dolbear, H. B.	L-202	Prunty, John	L-202	Edwards, Ernest
14.	G&J	Ward, F. C.	L-12	Wiggington, John	L-204	Edwards, Herman
15.	G&J	Hurst, H. C.	B-302	Davis, R.		Rogers, Rollin
16.	G&J	Emig, E. J.	L-5	Davis, Norton	L-8	Baker, Kent
17.	G&J	Dykman, H.	B-303	Anthony, James		Butler, Jack
18.	AS (AB)	Williams, Osborne	B-114	Haf, Albert	P-112	Walker, R. J.
19.	"	Little, W. A.	P-203	Walrath, Larry	P-201	Ffield, Harry
20.	"	Carlton, W. G.	P-6	Larimore, G.	P-7	Martin, Melbourne
21.	"	Kokomoor, F. W.	M-212	Andetson, W. F.	M-213	Oberdorfer, D. W.
22.	" (BS)	Jackson, V. T.	C-210	Ives, Selwyn		Montanye, Gene
23.	"	Phipps, C. G.	P-9	Carter, Ray	P-11	Porter, Frank
24.	"	Black, A. P.	C-114	Winderweelle, W. E.		Whittaker, Huskin
25.	"	Sherman, H. B.	S-109	Colson, K. D.	S-101	Lively, Laban



The University Record

of the

University of Florida

Bulletin of the

Division of Military Science and Tactics

With Announcements for the Year
1930-31



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The University Record of the University of Florida is issued once every month except June, when it is issued six times.

The Record comprises:

The Reports of the President and the Board of Control, the Bulletin of General Information, the annual announcements of the individual colleges of the University, announcements of special courses of instruction, and reports of the University Officers.

These bulletins will be sent gratuitously to all persons who apply for them. The applicant should specifically state which bulletin or what information is desired.

Address

THE REGISTRAR,
University of Florida,
Gainesville, Florida.

Research Publications.—Research publications will contain results of research work. Papers are published as separate monographs numbered in several series.

There is no free mailing list of these publications. Exchanges with institutions are arranged by the University Library. Correspondence concerning such exchanges should be addressed to the University Librarian, University of Florida, Gainesville, Florida. The issue and sale of all these publications is under the control of the Committee on Publications. Requests for individual copies, or for any other copies not included in institutional exchanges, should be addressed to the University Bookstore, University of Florida, Gainesville, Florida.

The Committee on University Publications,
University of Florida,
Gainesville, Florida.

FACULTY OF THE DIVISION OF MILITARY SCIENCE AND TACTICS.

- JAMES A. VAN FLEET, Major, Infantry, P.M.S. & T. (Commandant).
WILLIAM C. MOORE, Major, Infantry, (Director Infantry Battalion).
CLYDE C. ALEXANDER, Captain, Field Artillery, (Director Artillery Battalion).
GILMER M. BELL, Captain, Infantry, Asst. P.M.S. & T.
ERNEST T. BARCO, Captain, Field Artillery, Asst. P.M.S. & T.
JOHN F. HEPNER, Captain, Field Artillery, Asst. P.M.S. & T.—Supply Officer.
FRANK F. BECKER, Captain, Infantry, Asst. P.M.S. & T.
JAMES M. MORRIS, Captain, Infantry, Asst. P.M.S. & T.—Adjutant.
JOSEPH P. DONNOVIN, Captain, Field Artillery, Asst. P.M.S. & T.
DORR HAZELHURST, 1st Lieut. Infantry, Asst. P.M.S. & T.
WILLIAM D. KLINPETER, Technical Sergeant, Infantry, Chief Clerk.
CHARLES H. BELL, Staff Sergeant, Infantry, Range Sergeant.
DALLAS, B. HUNDLEY, Staff Sergeant, Infantry, Infantry Supply Sergeant.
JESSE A. VITATOE, Sergeant, Infantry, Infantry Clerk.
JOSEPH C. BRANDKAMP, Sergeant, Field Artillery, Stable Sergeant.
FRANK T. ORNDORFF, Sergeant, Field Artillery, Artillery Supply Sergeant.
CHARLES W. MCKEOWN, Sergeant, Field Artillery, Artillery Clerk.
JULIAN F. AYERS, Private 1 cl. Field Artillery.
JOHN W. BOOTH, Private 1 cl. Field Artillery.
MCKINLEY CRISWELL, Private 1 cl. Field Artillery, Horseshoer.
JOHN A. DUKE, Private 1 cl. Field Artillery, Saddler.
DAVID H. RHODES, Private 1 cl. Field Artillery.
SAMUEL W. BOSTICK, Private, Field Artillery, Mechanic.
SAMMY CRANE, Private, Field Artillery.
LEONARD HOLLEY, Private, Field Artillery.
GEORGE LAFLEUR, Private, Field Artillery.
DEWEY H. LEDFORD, Private, Field Artillery.
HILTON B. McQUARRIE, Private, Field Artillery.
HENRY T. MORING, Private Field Artillery.
FRANK E. PALMER, Private, Field Artillery.
EDWARD V. PRICE, Private, Field Artillery.
HARRIS S. THOMAS, Private, Field Artillery.
HENRY E. THROWER, JR., Private, Field Artillery.

GENERAL INFORMATION

RESERVE OFFICERS' TRAINING CORPS.

AUTHORITY.

Under the terms of the Land Grant Act of 1862 the State received certain grants of Federal lands, the income of which must be devoted to the maintenance of colleges of agriculture and mechanical arts, including a course in military training. The National Defense Act of June 3, 1916, as amended by the Act of June 4, 1920, established the Reserve Officers' Training Corps and authorized the Secretary of War to provide the necessary instructors and equipment and to prescribe a standard course of instruction. The War Department has established at the University of Florida both an infantry and a field artillery unit.

OBJECTIVE.

These units are authorized by Congress for the purpose of providing a corps of reserve officers of the U. S. Army, which, in case of a major emergency, will constitute the officer personnel of our civilian Army. It is a part of the approved military policy of the United States to maintain a small regular army. When, however, the nation is threatened with war, and large additional armed forces are raised, it will be necessary that this force be provided immediately with trained officers. Future wars will be so sudden that the long period that we had before entering the World War, in which to secure officers from training camps, will not be available. A study of our military history shows that many lives have been sacrificed in the early stages of our wars solely because of the scarcity of trained officers capable of leading our men in combat. Therefore, our Government is attempting to rectify this condition by providing an officers' personnel in advance, from college graduates, so that in case of emergency they may immediately step into positions of leadership and acquit themselves creditably.

EQUIPMENT.

The War Department maintains at the University of Florida a personnel of thirty-three members of the regular army and equipment valued at nearly \$400,000. Included in this equipment is a complete battery of 75mm. horse-drawn field artillery, clothing and equipment for a battalion of infantry, and clothing and partial equipment for a battalion of field artillery. The University of Florida has provided offices, classrooms, ample storage space, and excellent drill and maneuver grounds. A modern stable has recently been completed for the field artillery, and work is under way for the improvement of drill and parade grounds, and for the construction of polo field.

ADMISSION.

The Reserve Officers' Training Corps course of instruction covers four years, the first two of which are compulsory. Students who register as freshmen or sophomores in the colleges of Agriculture, Engineering, Pharmacy, Teachers, and in the course leading to the degree of Bachelor of Arts in the College of Arts and Sciences are assigned to the field artillery unit. Students who register as freshmen or sophomores in the colleges of Architecture, Commerce and Journalism, in the course leading to

the degree of Bachelor of Science in the College of Arts and Sciences, and all irregular students, are assigned to the infantry unit.

BASIC COURSE. .

The Basic Course in both the field artillery and the infantry covers the first two years, and is usually pursued during the freshman and sophomore years. Satisfactory completion of it is required of all students unless they are exempt on reasons given under Exemptions. The object of the Basic Course is to qualify the student to perform the duties of a non-commissioned officer. The first year of the course is designed to qualify him for the duties of a private.

THE ADVANCED COURSE.

Students who complete the Basic Course and are selected by the Professor of Military Science and Tactics and the President of the University may elect the Advanced Course, which course may lead to a commission in the Officers' Reserve Corps of the U. S. Army. Students registered in this course are required to carry it to completion, and during the period are paid \$9.00 per month by the War Department. An advanced course summer-camp is compulsory, usually between the junior and senior years. The War Department pays all expenses for the camp, including mileage, rations, medical attendance, clothing, and laundry service, and in addition the pay of the seventh grade, United States Army.

EXEMPTIONS.

Exemption from military training at the University of Florida is granted in the following cases:

(1) Students who are twenty-one years of age at the time of first entering upon their college work at the University of Florida.

(2) Students unable to drill by reason of physical disability, as certified to by the University Physician.

(3) Students whose military work elsewhere is accepted by the Professor of Military Science and Tactics as fulfilling the requirements.

(4) Students admitted to the University of Florida holding a commission in the Officers' Reserve Corps of the United States Army.

(5) Students who enter the University with advanced standing from other accredited institutions. Students who enter with one year of college work are required to take only one year of the Basic Course, while students who have had two years or more of college work are exempt from Military Science.

(6) Students taking courses of one year's duration, or less.

(7) Students who are citizens of foreign countries.

Students exempt from Military Science for any reason whatever must, in order to receive a degree, offer an equal number of hours of other course work in lieu of Military Science. Choice of these courses must in all cases be approved by the dean of the college in which the student is registered.

CADET ORGANIZATION.

REGIMENT.

The R. O. T. C. at the University of Florida is organized into a cadet regiment of two battalions, one made up of infantry students and the other of artillery students. The practical instruction conducted in the open is carried on through this organization. Much of the actual instruction is done by upper classmen, thereby affording them opportunities in the art of command and leadership. The Regimental Headquarters consist of a Cadet Regimental Colonel and Staff. Each battalion is commanded by a Cadet Lieutenant Colonel with appropriate Staff.

INFANTRY BATTALION.

The infantry battalion is organized into three companies, A, B, and C, of freshmen, and one company, D, of upper classmen. The outstanding cadet leaders are assigned as the officers of these organizations. The freshmen companies cover close and extended order drill, tent-pitching, scouting and patrolling, and combat principles to include the platoon. To Company D are assigned all upper classmen not assigned to the other companies, and those freshmen who have had some prior military training. The company reviews close and extended order drill and ceremonies, and specializes in the use of the infantry weapons. The course covers machine guns, automatic rifle and howitzer company weapons, scouting and patrolling, musketry and combat principles.

ARTILLERY BATTALION.

The field artillery battalion is organized into four batteries, A, B, C, and D. The instruction is uniform for each battery. Upper classmen are assigned as leaders, the same as for the infantry. The work is so arranged within each battery that the program of instruction is progressive throughout the four years, as follows:

Freshmen: Subjects pertaining to battery equipment and material, and covering in general the duties of cannoneers.

Sophomores: Subjects pertaining to battery transport (animal) and covering in general the duties of drivers. In addition, instruction in communications, fire-control instruments, and the general duties of members of the battery detail.

Juniors: Artillery technique—gunnery, preparation of fire, conduct of fire, and the use of the battery detail in the reconnaissance, selection, and occupation of a position. This year's course will prepare the student to conduct the fire of a battery at service practice during the Advanced Camp.

Seniors: The tactical employment of field artillery and training in leadership and command.

UNIVERSITY BAND.

The R. O. T. C. takes special pride in the eighty-piece University Band. This band is supervised by the Director of Music, and receives every encouragement from the R. O. T. C. in the matter of uniforms, instruments, and hours for practice. Members of the R. O. T. C. who are selected by the Director of Music for assignment to the band are excused from the dismounted drills in both the infantry and artillery battalions.

There is organized at the University of Florida, Company H, Second Regiment, of the national honorary fraternity of Scabbard and Blade. The membership of this fraternity is made up of the cadet commissioned officers of the R. O. T. C. It renders valuable services in the encouragement of efficient cadet leadership.

AWARDS AND PRIZES.

The R. O. T. C. Regiment is recognized as one of the outstanding units in the entire country. The University of Florida has been rated as a distinguished college by the War Department, for many years. At the present time the R. O. T. C. enjoys the highest rating for efficiency, in both infantry and field artillery, granted by the War Department.

The State Board of Education of Florida has recognized the efficiency and valuable training given to the young men of Florida, and recently passed a resolution praising the high standard of efficiency of the R. O. T. C.

Many organizations throughout the State of Florida annually award prizes for meritorious service and leadership in the various cadet activities. Two of these are lovely silver trophies presented by the Officers' Reserve Corps, Department of Florida, to be competed for annually by the companies of the infantry battalion and the batteries of the artillery battalion.

CADET ACTIVITIES AND COMPETITIONS.

Annually in the spring a series of competitions in the various phases of drill and leadership are conducted to determine the outstanding individuals and organizations within each battalion of cadets. These military meets have aroused keen interest in the competition for leading honors. In 1930-31 it is expected to inaugurate the First Annual Military Field Meet and Horse Show. It is further expected during 1930-31 to start the game of polo on the campus, organizing, as soon as the mounts and students can be trained, an infantry and an artillery team with the view of extending it beyond the campus within the next few years.

ABSENCES.

In order to make drill and dress parade a success, students are expected to attend all formations. It is obvious that when any large number is absent, the depleted ranks materially interfere with efficient instruction, and it so happens that those present are the ones most penalized. Therefore, all absences are required to be made up before the close of each semester. Should any student be absent six times during a semester, without approval from proper authority, he will be placed on probation, and so notified. If he is absent thereafter, he will be reported to the Registrar and will be notified by him that he has been dropped from the University. Any student so dropped may have his case reviewed by the Committee on Military Affairs, but must make application for such review in person within forty-eight hours (not including Saturdays, Sundays, and holidays) from date on which he was dropped.

Absences from military class exercises are regulated the same as absences from all other class exercises.

CLOTHING AND EQUIPMENT.

GENERAL.

1. Each member of the R. O. T. C. will be held responsible for all articles of clothing and equipment issued to him. He will be required to return all such property at the proper time in good condition.

2. Whenever a student for any reason fails to return any article as directed, he will be required to pay for the same at the Business Manager's office. Failure to return property or pay for shortages will necessitate grades being withheld and refusal by the University authorities to accept the student concerned for later registration at the institution.

3. The uniform must be kept clean, neat, well-fitted, and pressed at all times. The student will pay for all cleaning, alterations, and repairs, making his own arrangements for the same. At no time will the uniform be used roughly or abused.

4. The uniform will be worn at all drill and parade formations, and upon such special occasions as the P. M. S. & T. may direct. It will not normally be worn to classes. It may be worn to classes, however, when there is insufficient time to change between class and drill formation. Whenever it is worn, it will be worn complete.

5. Articles of equipment, such as rifles, rifle and pistol belts, sabers, whistles, spurs, etc., will be issued to certain individuals for their personal use. Such articles will be signed for by the student and returned to the Military Supply Room when directed.

6. Certain articles of equipment used for training purposes, such as field equipment, pistols, sketching equipment, etc., will from time to time be issued by instructors to the student. Such equipment will be signed for by the student to the instructor and returned to him in good condition at the end of the training period or class period, as directed.

7. No part of these regulations will be construed as permitting a student, when directed to turn in any article, to keep and pay for the same. This is not authorized by the Government.

CLOTHING—BASIC COURSE.

8. The Government furnishes each student enrolled in the Basic Course of the R. O. T. C. with a complete uniform, less shoes. This consists of one overseas cap, one coat, one pair of trousers for infantry students, one pair of breeches and leggings for artillery students, one waist-belt, one black tie, one set of R. O. T. C. insignia, and one olive-drab wool shirt.

9. Each student enrolled in the Basic Course of the R. O. T. C. is required to purchase from approved stores one pair of standard regulation army shoes. No other shoe may be worn with the army uniform. The student is also required to purchase one "Gator" patch insignia, to be worn on the left shoulder of the army coat.

10. Each student enrolled in the Basic Course of the R. O. T. C. is required to pay at the time of registration the sum of one dollar. This fund, known as the Military Incidental Fund, is used to cover unavoidable losses, breakage, repairs, and replacements. It will not be applied on breakages or losses for which responsibility can be determined.

11. The uniform referred to in Paragraph 8 must last the student two years. Near the end of the second semester, the student will be required to tag the uniform and turn the same in to the Military Supply Room. During the summer, this uniform will be cleaned and renovated, and issued to the same student at the beginning of the next college year.

CLOTHING—ADVANCED COURSE.

12. A distinctive uniform and related equipment have been selected by the University for all members of the Advanced Course of the R. O. T. C. These articles are standard and official, and none others will be used. The University officials have made arrangements for the supply of these articles from the William C. Rowland Tailoring Company, the L. & L. Men's Clothing Store, and the University Book Store.

13. This uniform will consist of one coat, one pair of breeches, one shirt, one overseas cap, one black tie, one waist-belt, one pair boots for artillery students, one pair of officers' shoes and puttees for infantry students, one set of R. O. T. C. insignia, one pair of chevrons, and one "Gator" shoulder insignia. This is supplemented in the month of May of the junior year with one officer's cap, and one Sam Browne belt.

14. The cost of this uniform is approximately sixty-five dollars. The University is responsible to the firms mentioned in Paragraph 12 for the payment of all articles received and issued to students. Payments in turn will be made to the University as follows: from the Government in lieu of the uniform in kind, a commutation-value amounting to twenty dollars for each year of the two-year Advanced Course. To offset the initial expenditure, each student will pay to the University the first check received for commutation of rations.

15. The Military Property Custodian, in conjunction with the Auditor of the University, will maintain an individual clothing and equipment account for each student enrolled in the advanced Course. Each student will be credited with the amount of commutation of uniform received from the Government, and such other funds, such as commutation of rations and cash deposits, as made by the student. Each student will be charged on this account with the articles issued to him by the three firms mentioned above. A final settlement will be effected with each student whenever he terminates his work in the R. O. T. C.

16. Upon successful completion of the Advanced Course, the entire uniform and equipment mentioned in Paragraph 13, will become the property of the student. If, however, the student fails to complete the two-year course, he will be required to return the complete uniform and equipment to the University or make a settlement with the Military Property Custodian for such articles as he may wish to retain.

17. Students desiring to purchase additional new uniforms and equipment may do so by depositing the cost thereof at the Business Manager's office. Students desiring to purchase additional second-hand uniforms and equipment may do so individually, provided the articles are approved by the P. M. S. & T.

COURSES OF INSTRUCTION INFANTRY

FRESHMAN

My 101-102.—Freshmen Infantry, compulsory. (Basic) 2 hours' theory and 3 hours' practice. 4 credits. Captain Becker and 1st Lieutenant Hazlehurst.

Text: *ROTC Manual*.

THE NATIONAL DEFENSE ACT AND THE ROTC.

Orientation of the student in the provisions of the National Defense Act and the mission of the ROTC in the military system provided for in the Act. General outline of the organization of the ROTC and of the objectives of the ROTC courses; institutional regulations governing the conduct of the unit. To be given at an early period of the year. Time given to topic, two instructional hours.

MILITARY COURTESY AND DISCIPLINE

To inculcate respect for, and loyalty to constituted authority; instruction in selected extracts from the regulations, and lectures, demonstrations and practical application. Instruction to be extended in connection with the course in drill and command. Time given to topic, three instructional hours.

MILITARY HYGIENE AND FIRST AID

Instruction in personal hygiene, first aid, prevention of disease, and camp sanitation. Time given to topic, ten instructional hours.

DRILL AND COMMAND

Theoretical and practical instruction covering organization, close order drill, extended order drill, ceremonies, tent-pitching, individual equipment and combat principles. This to qualify the student to participate as a private in close and extended order drill, physical drills and ceremonies; and to inculcate precision, soldierly appearance and bearing, and the spirit of discipline. Time given topic, ninety-eight instructional hours.

RIFLE MARKSMANSHIP

Practical instruction and training in the principles of TR 150-5 with a view to forming proper shooting habits and methods in the student preliminary to and during gallery-firing; non-essentials, care and cleaning of the rifle. Time given to topic, twenty-five instructional hours.

SCOUTING AND PATROLLING

Theoretical and practical instruction in the duties of a member of a patrol and a scout in small tactical exercises. Time given to topic, twenty-two instructional hours.

SOPHOMORE

My 201-202.—Sophomore Infantry, compulsory. (Basic) 2 hours' theory and; 3 hours' practice. 4 credits. Captain Bell.

Text: *ROTC Manual*.

DRILL AND COMMAND

Review of the first year course. Additional theoretical and practical instruction to qualify the student to perform the duties of a squad-leader in close and extended order drill and ceremonies. Time given to topic, seventy-four instructional hours.

MUSKETRY

Theoretical instruction covering the reference listed. Practical instruction by small problems and exercises in musketry using sandtable, landscape targets, and terrain with a view to training the student in conducting the fire of a squad. Time given to topic, seventeen instructional hours.

AUTOMATIC RIFLE

Practical instruction in mechanical functioning, positions, and combat use of the automatic rifle. Time given to topic, twenty-one instructional hours.

SCOUTING AND PATROLLING

Theoretical and practical instruction covering the reference listed. Especial attention to the conduct of patrols and the duties of patrol leaders and scouts. Applicatory exercises using maps, sandtable and terrain with a view to the practical training of the student in the duties of a patrol-leader. Time given to topic, twenty-four instructional hours.

COMBAT PRINCIPLES (RIFLE SQUAD)

Theoretical instruction covering the reference listed. Practical instruction on varied ground with a view to training the student to lead a squad in attack and defense and on security missions. Time given to topic, twenty-four instructional hours.

JUNIOR

My 301-302.—Junior Infantry, elective. (Advanced) 3 hours' theory and 3 hours' practice. 4 credits. Captain Morris.

Text: *ROTC Manual*.

MAP READING AND MILITARY SKETCHING (32)

Theoretical instruction necessary to qualify the students to read military maps with facility and prepare them for practical work in sketching. Applicatory exercises in map reading, visibility of points and areas; practice in making simple road and position sketches. Time given to topic, twenty-two instructional hours.

DRILL AND COMMAND

A review of the previous drill and command courses and additional theoretical and practical instruction to qualify the student to perform the duties of a sergeant of all grades in close and extended order drills, ceremonies and physical drill, and to act as an instructor of basic students at practical drill. Time given to topic, sixty-four instructional hours.

MACHINE GUN

Theoretical knowledge of the reference listed. Practical application with a view to the preparation of the student for machine-gun firing at camp and to training him to act as a squad and section leader in drill and combat. Instruction to cover determination of fire data and methods and means of fire control in direct laying; stripping and assembling the gun; commands; going into and out of position on varied ground; and so much of indirect laying as will acquaint student with the methods of obtaining firing data for guns controlled singly. Time given to topic, forty-two instructional hours.

37 MM GUN AND 3" TRENCH MORTAR

Theoretical knowledge of the reference listed. Practical application with a view to preparation of student for firing at camp and to training him to act as a member of a squad and a squad-leader in drill and combat. Instruction to cover the determination of fire-data, methods and means of fire-control, fire-orders, field stripping and assembling, going into action and out of action. Time given to topic, twenty-two instructional hours.

COMBAT PRINCIPLES—(Rifle Section and Platoon)

Theoretical instruction covering the reference listed. Application of principles taught to tactical situations by means of map problems, sandtable or relief map exercises and exercises on varied ground with a view to training the student in duties of several grades of rifle company N. C. O.'s in combat and the service of security. Time given to topic, thirty-two instructional hours.

SENIOR

My 401-402.—Senior Infantry, elective. (Advanced) 3 hours' theory and 3 hours' practice. 4 credits. Major Moore.

Text: *ROTC Manual*.

MILITARY LAW AND OFFICERS' RESERVE CORPS REGULATIONS

To give the student a general knowledge of the procedure of courts-martial and of the military law to which he will be subject when called into active service as a reserve officer. To acquaint the student with the conditions of service in the Organized Reserve. Time given to topic, fifteen instructional hours.

MILITARY HISTORY AND POLICY

Reference study of available publications on the outline of the history of the wars of the American Republic and illustrative campaigns and battles; evolution of the military policy of the United States. Time given to topic, twenty instructional hours.

ADMINISTRATION

To acquaint the student with the administrative problems of a company commander and the regulations governing company administration. Conferences and practical work on the following: morning report, sick report, duty roster, troop fund, military correspondence, orders, troop discipline, property, messing, troop sanitation and the care of the men. Time given to topic, eight instructional hours.

FIELD ENGINEERING

Elements of field engineering, to include standard types of field works; organization of working parties and tasks; selection of location of trenches; concealment and camouflage applied to infantry stream-crossing expedients. This course may be combined with Combat Principles (see below). Time given to topic, ten instructional hours.

DRILL AND COMMAND

A review of the previous drill and command course and additional practical instruction to qualify the student to perform the duties of platoon and company commanders and instructors of basic students in close and extended order drills, ceremonies, and physical drills; especially attention to the development of leadership qualities and methods of instructing and handling men. Time given to topic, sixty-four instructional hours.

COMBAT PRINCIPLES (Rifle and machine-gun company, and howitzer-company and platoon).

Theoretical instruction covering the reference listed. The rifle and machine-gun company and the howitzer-company platoon as part of an infantry battalion. Applicatory exercises on map, sand-table or relief map, and terrain. Elementary instruction in infantry signal communication. Time given to topic, seventy-five instructional hours.

FIELD ARTILLERY

FRESHMAN

My 103-104.—Freshmen Field Artillery, compulsory. (Basic) 2 hours' theory and 3 hours' practice. 4 credits. Captain Hepner and Donnovin.

Text: Wilson, *Field Artillery Manual*.

THE NATIONAL DEFENSE ACT AND THE ROTC

Oriention of the student in the provisions of the National Defense Act and the mission of the ROTC in the military system provided for in the Act. General outline of the organization of the ROTC course; institutional regulations governing the conduct of the unit. To be given at an early period of the year. Time given to topic, two instructional hours.

MILITARY COURTESY AND DISCIPLINE

To inculcate respect for, and loyalty to constituted authority; instruction in selected extracts from the regulations, and lectures, demonstrations and practical application. Instruction to be extended in connection with the course in dismounted drills. Time given to topic, three instructional hours.

MILITARY HYGIENE AND FIRST AID

Instruction in personal hygiene, first aid, and prevention of disease. Time given to topic, six instructional hours.

DISMOUNTED DRILLS

Theoretical and practical instruction covering close order drill, ceremonies, organization of the battery and individual equipment. This to qualify the student to participate as a private in close-order drill and ceremonies; and to inculcate precision, soldierly appearance and bearing, and the spirit of discipline. Knowledge of the essential elements of the battery organization. To qualify students in the packing and making of individual equipment rolls. Time given to topic, fifty-three instructional hours.

FIELD ARTILLERY INSTRUCTION

Ordnance and Material.—To give the student a good working knowledge of the types of battery material and equipment now in use; a short sketch of field artillery material; important features of design and construction; types under development.

Field Artillery Ammunition.—The use, care, handling and essential characteristics of projectiles, fuses, primers and powder charges.

Elementary Gunnery.—Simple definitions, the elements of the trajectory, and such elementary principles of ballistics as the student should know in order to understand how the gun is laid and the projectile moves during its flight.

Service of the Piece.—To qualify students in the duties of the gunner and the cannoneer in the service of the piece.

Firing Battery.—To qualify students in the drills of the gun-squad and firing battery.

Gunners' Examination.—This examination is given at the close of the year to test the students in particular phases of their field artillery instruction. Those who qualify will be given the appropriate gunner's badge. Upon completion of the examination, a report will be rendered showing the number of freshmen enrolled at the date of examination, and the number of first and second class gunners found qualified.

Pistol.—The manual of the pistol, safety-precautions, nomenclature, operation, and preliminary instruction for range-firing. Time given to entire topic, ninety-six instructional hours.

SOPHOMORE

My 203-204.—Sophomore Field Artillery, compulsory. (Basic) 2 hours' theory and 3 hours' practice. 4 credits. Captain Barco.

Text: Wilson, *Field Artillery Manual*.

DISMOUNTED DRILL AND CEREMONIES

Continuation of the course of the first year. Time given topic, thirty-four instructional hours.

FIELD ARTILLERY INSTRUCTION DISMOUNTED

Fire Control Instructions.—To give the students a practical knowledge of the use of fire-control instruments and duties of the instrument operators of the battery detail.

Battery Communications.—To qualify the students in the duties of the various members of the communications personnel of the battery detail, in laying, operating and maintaining battery communications. To include a thorough knowledge of telephone.

Care of Animals.—Foods, feeding, watering, conditioning, care of animals in the field, prevention of sore backs and sore shoulders; first aid treatment of the common diseases and injuries; regions of the horse, and conformation; duties of the stable-sergeant and stable-management. Time given to topic, fifty-four instructional hours.

FIELD ARTILLERY INSTRUCTION MOUNTED

Equitation.—To qualify the student to ride easily and confidently at all gaits, and effectively control his horse. This course will prepare the student to take up the subject of the field artillery driver.

Reconnaissance and Occupation of Position.—To qualify the students in the general duties and functions of the battery-detail. This course to include the solution of tactical problems on the ground with students completely equipped; mounted and organized, as nearly as possible, like a complete battery-detail.

The Field Artillery Driver.—To qualify the student to a reasonable degree in performing the duties of a field artillery driver; nomenclature and disposition of harness; harnessing and unharnessing; cleaning and care of harness and horse equipment; preliminary mounted instruction; management of the pair; principles of draft; application of draft.

Maneuvers Limbered.—A continuation of the preceding course (the Field Artillery Driver) to include the simple maneuvers of a battery mounted at reduced gaits. Time given to entire topic, seventy-two instructional hours.

JUNIOR

My 303-304.—Junior Field Artillery, elective. (Advanced) 3 hours' theory and 3 hours' practice. 4 credits. Captain Alexander.

Text: Wilson, *Field Artillery Manual*.

MAP READING AND MILITARY SKETCHING

Theoretical and practical instruction necessary to qualify students to orient, read and use military maps with facility. This course should lay the foundation and prepare the student for topographical operations incident to the preparation of fire given to the first-year advanced students. Time given to topic, eighteen instructional hours. (Not offered in 1930-31).

COMMUNICATIONS FOR FIELD ARTILLERY AND LIAISON

To familiarize the student with the duties of an artillery communication officer, to include establishment of message centers and all communications within the artillery brigade; a general knowledge of the communication nets of supported infantry units; duties and functions of liaison officers and detachments. Time given to topic, ten instructional hours.

PISTOL MARKSMANSHIP

Pistol marksmanship, dismounted to include firing the qualification course. Time given to topic, twelve instructional hours.

DISMOUNTED DRILLS

To instruct the student in the art of command and prepare him for the work of the camp and for the command and instruction of student batteries during the 2nd year Advanced Course. To include close-order drill, ceremonies, service of the piece, firing battery, commands and arm signals; especial attention to practice in voice-training; students to be rotated as drill-instructors of the group. Time given to topic, forty instructional hours.

EQUITATION AND HORSEMANSHIP

Progressive continuation of the basic equitation course to include more advanced work; jumping and cross-country riding over varied ground. Time given to topic, twenty-six instructional hours.

FIELD ARTILLERY FIRING

Gunnery.—To give the student a good grounding in the important principles of gunnery; use of firing tables; elementary principles of ballistics. Corrections; applicatory problems.

Preparation of Fire.—To qualify the student in the preparation of fire-deliberate and rapid.

Practical work with instruments outdoors to familiarize the student with the application of topographic methods to the deliberate preparation of fire; continuation of the basic course on map-reading and military sketching. Use and interpretation of aerial photographs.

Terrestrial Observation and Conduct of Fire. To familiarize the student with the technical handling of field artillery fire, and prepare him to conduct service firing problems at camp; organization of the firing battery; duties of officers and non-commissioned officers; establishment of piece in position; commands and firing data; methods of fire; conduct of fire by blackboards, terrain board, and smokepuff. Time given to entire topic, eighty-six instructional hours.

SENIOR

My 103-104. --Senior Field Artillery, elective (Advanced) 3 hours' theory and 3 hours' practice, 4 credits. Captain Alexander.

Text: Wilson, *Field Artillery Manual*.

(Not offered in 1930-31).

MILITARY LAW AND OFFICERS' RESERVE CORPS REGULATIONS

To give the student a general knowledge of the procedure of courts-martial and of the military law, to which he will be subject when called into active service as a reserve officer. To acquaint the student with the conditions of service in the Organized Reserves. Time given to topic, fifteen instructional hours.

MILITARY HISTORY AND POLICY

Reference study of available publications on the outline of the history of the wars of the American Republic and illustrative campaigns and battles; evolution of the military policy of the United States; lectures. Time given to topic, twenty instructional hours.

EQUITATION AND HORSEMANSHIP

Continuation of last year Advance Course. Time given to topic, sixteen instructional hours.

ORGANIZATION, TACTICS, AND TACTICAL EMPLOYMENT OF FIELD ARTILLERY

To give the student a thorough understanding of the tactical employment of light artillery in support of other arms, and a general knowledge of the organization and tactics of other types of field artillery. Sufficient instruction in the composition and the offensive and defensive action of the infantry division and infantry units to give the student an understanding of the role of field artillery in the combat of the combined arms. Applicatory exercises involving the battery and the battalion of division artillery. Time given to topic, forty five instructional hours.

COMMAND

To develop qualities of leadership in the students and train them in the methods of instructing and handling men; command and instruction of student batteries under the active supervision of Regular Army officers at practical drill and exercises, including the following: dismounted drills and ceremonies; service of the piece; firing battery; exercises in the reconnaissance, selection and occupation of position and conduct of fire. Maneuvers, limbered; equitation. Time given to topic, sixty-four instructional hours.

FIELD ENGINEERING

To teach students the construction and camouflage of various types of battery emplacements and shelters. Time given to topic, ten instructional hours.

BATTERY ADMINISTRATION AND SUPPLY

To acquaint the student with the administrative problems of a battery commander and the regulations governing battery administration. Conferences and practical work on the following: morning report, sick report, duty roster, battery fund, military correspondence, orders, battery discipline, property, supply, messing, battery sanitation and the care of men. Time given to topic, eight instructional hours.

The University Record *of the* University of Florida

REGISTER

of the

**SUMMER SESSION 1929
REGULAR SESSION 1929-30
SUMMER SESSION 1930**



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The University Record of the University of Florida is issued once every month except June, when it is issued six times.

The Record comprises:

The Reports of the President and the Board of Control, the Bulletin of General Information, the annual announcements of the individual colleges of the University, announcements of special courses of instruction, and reports of the University Officers.

These bulletins will be sent gratuitously to all persons who apply for them. The applicant should specifically state which bulletin or what information is desired. Address

THE REGISTRAR
University of Florida
Gainesville, Florida

Research Publications.—Research publications will contain results of research work. Papers are published as separate monographs numbered in several series.

There is no free mailing list of these publications. Exchanges with institutions are arranged by the University Library. Correspondence concerning such exchanges should be addressed to the University Librarian, University of Florida, Gainesville, Florida. The issue and sale of all these publications is under the control of the Committee on Publications. Requests for individual copies, or for any other copies not included in institutional exchanges, should be addressed to the University Bookstore, University of Florida, Gainesville, Florida.

The Committee on University Publications
University of Florida
Gainesville, Florida

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ADMINISTRATIVE OFFICERS
UNIVERSITY OF FLORIDA

1930-31

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UNIVERSITY OF FLORIDA
OFFICERS OF INSTRUCTION AND RESEARCH
Years 1929-30—1930-31

JOHN JAMES TIGERT, M.A. (Oxon.), Ed.D., D.C.L., LL.D.....	President
CHARLES ELLIOT ABBOTT, M.S.....	Agricultural Building Assistant Professor of Propagation and Vegetable Growing
OIDA DAVIS ABBOTT, M.A., Ph.D. (Missouri).....	Experiment Station Chief, Home Economics Research, Head of Department
CHESTER FREDERICK AHMANN, B.A., Ph.D. (Missouri).....	Experiment Station Physiologist, Home Economics Research
ROBERT VERRILL ALLISON, M.S., Ph.D. (Rutgers).....	Belle Glade, Fla. Soils Specialist, Everglades Experiment Station
CLYDE C. ALEXANDER, CAPT., Field Artillery, U. S. Army.....	Benton Hall Assistant Professor of Military Science and Tactics
BURTON WEBER AMES, B.S.A.....	Language Hall Head of Correspondence Study, General Extension Division
JAMES NESBITT ANDERSON, M.A., Ph.D. (Johns Hopkins).....	Language Hall Dean of Graduate School, Head Professor of Ancient Languages
MONTGOMERY DRUMMOND ANDERSON, Ph.D. (Robert Brookings).....	Language Hall Professor of Business Statistics and Economics
ERNEST GEORGE ATKIN, M.A., Ph.D. (Harvard).....	Language Hall Head Professor of French
ROLLIN SALISBURY ATWOOD, M.A., Ph.D. (Clark).....	Language Hall Associate Professor of Economic Geography, Assistant Dean of College of Commerce and Journalism, Acting Director of Institute of Inter-American Affairs
JULIAN F. AYERS, Pvt., Field Artillery, U. S. Army.....	Benton Hall Instructor in Military Science and Tactics
CHARLES W. BACHMAN, LL.B.	Basketball Court Professor of Coaching and Physical Education, Athletic Director and Head Coach (Resigned as Athletic Director July 1, 1930)
ERNEST T. BARCO, Capt., Field Artillery, U. S. Army.....	Benton Hall Assistant Professor of Military Science and Tactics
GEORGE ERIC BARNES, B.S.C.E.....	Benton Hall Associate Professor of Civil Engineering (Resigned July 1, 1930)
ROBERT MARLIN BARNETTE, B.S., Ph.D. (Rutgers).....	Experiment Station Associate Chemist
ROBERT COLDER BEATY, M.A.....	Peabody Hall Assistant Dean of Students and Adviser to Freshmen
FRANK F. BECKER, Capt., Infantry, U. S. Army.....	Benton Hall Assistant Professor of Military Science and Tactics
RAYMOND BROWN BECKER, M.S., Ph.D. (Minnesota).....	Experiment Station Associate in Dairy Husbandry

WALTER H. BEISLER, M.S., D.Sc. (Princeton).....	Chemistry Building Professor of Chemical Engineering
CHARLES EDWARD BELL, M.S.	Experiment Station Assistant Chemist
CHARLES HOMER BELL, Staff Sgt., Infantry, U. S. Army.....	Benton Hall Instructor in Military Science and Tactics
GILMER M. BELL, Capt. Infantry, U. S. Army.....	Benton Hall Assistant Professor of Military Science and Tactics
CLAUDIUS EDMUND BENNETT, M.S., E.E. (Illinois).....	Mech. Engr. Building Instructor in Electrical Engineering (Resigned July 1, 1930)
JOHN ROBERT BENTON, Ph.D. (Göttingen).....	Benton Hall Dean of the College of Engineering (Deceased January 8, 1930)
TRUMAN C. BIGHAM, M.A., Ph.D.....	Language Hall Associate Professor of Economics (Appointed July 1, 1930)
ALVIN PERCY BLACK, B.A.	Chemistry Building Professor of Agricultural Chemistry
RAYMOND WILLIAM BLACKLOCK, B.A.	Horticulture Building Boys' Club Agent, Agricultural Extension Division
GULIE HARGROVE BLACKMON, M.S.A.	Experiment Station Pecan Culturist
ARTHUR AARON BLESS, M.S., Ph.D. (Cornell).....	Mech. Engr. Building Associate Professor of Physics
JOHN W. BOOTH, Pvt., Field Artillery, U. S. Army.....	Benton Hall Instructor in Military Science and Tactics
SAMUEL W. BOSTWICK, Pvt., Field Artillery, U. S. Army.....	Benton Hall Instructor in Military Science and Tactics
JAMES ROBERT BOYD, JR.....	Basketball Court Assistant Athletic Director (Resigned July 1, 1930)
JOSEPH C. BRANDKAMP, Sgt., Field Artillery, U. S. Army.....	Benton Hall Instructor in Military Science and Tactics
HOMER ELLIS BRATLEY, M.S.A.....	Experiment Station Assistant in Entomology
LUCIUS MOODY BRISTOL, M.A., Ph.D. (Harvard).....	Peabody Hall Head Professor of Sociology
MARVIN ADEL BROOKER, M.S.A.	Experiment Station Assistant in Agricultural Economics
ALBERT NELSON BROOKS, Ph.D. (Wisconsin).....	Plant City, Fla. Associate Plant Pathologist
CHARLES CARROLL BROWN, C.E., M.A.....	Benton Hall Acting Associate Professor of Civil Engineering
HAMLIN L. BROWN, B.S.A.....	Horticulture Building Extension Dairyman, Agricultural Extension Division

RICHARD DEWITT BROWN	Auditorium
Director of Music	
FRANK WARNER BRUMLEY, M.S.A.	Horticulture Building
Extension Farm Management Specialist	
JOSEPH BRUNET, Ph.D. (Stanford).....	Language Hall
Assistant Professor of French (Resigned September 1, 1930)	
OLLIE CLIFTON BRYAN, M.S., Ph.D. (Wisconsin).....	Agriculture Building
Professor of Soils	
LUDWIG WILLIAM BUCHHOLZ, M.A.....	Law Building
Professor of Bible	
H. H. BURDETTE	Old Gymnasium
Instructor of Fencing and Physical Education (Resigned June 1, 1930)	
E. WALTER BURKHARDT, B.S., M. Arch.....	Peabody Hall
Instructor in Architecture (Resigned September 1, 1929)	
ALAN BEVERLY BURRITT, M.L.A.	Agriculture Building
Associate Professor of Landscape Designing	
CHARLES FRANCIS BYERS, M.A., Ph.D.....	Science Hall
Assistant Professor of Biology	
HENRY HOLLAND CALDWELL, M.A.....	Language Hall
Assistant Professor of English	
PAUL CALHOUN, B.S.	Experiment Station
Assistant in Cotton Investigations	
ARTHUR FORREST CAMP, Ph.D. (Washington University).....	Experiment Station
Horticulturist, Head of Department	
JOHN PERLIN CAMP, M.S.A.....	Experiment Station
Assistant Agronomist	
WILLIAM GRAVES CARLETON, B.A.	Peabody Hall
Instructor in Sociology (Part Time)	
WILLIAM RICHARD CARROLL, M.S.	Science Hall
Assistant Professor of Botany and Bacteriology	
WILLIAM ANGUS CARVER, M.S., Ph.D. (Iowa State College)....	Experiment Station
Assistant Cotton Specialist	
JAMES EDWARD CHACE, JR., M.B.A. (Harvard).....	Language Hall
Director of Bureau of Appointments and Assistant Professor of Economics and Business Management	
HARLEY WILLARD CHANDLER, M.S. (Iowa).....	Language Hall
Registrar and Director of Admissions	
BERNARD V. CHRISTENSEN, M.S. Pharm., Ph.D. (Wisconsin).....	Chemistry Building
Professor of Pharmacognosy and Pharmacology	
HAROLD GRAY CLAYTON, M.S.A.	Horticulture Building
District Agent, Agricultural Extension Division	

JUSTIN CLEMONS	Gymnasium
Assistant Freshman Coach (Resigned during 1929-30)	
ROBERT SPRATT COCKRELL, M.A., B.L. (Virginia).....	Law Building
Professor of Law	
MADISON DERRELL CODY, M.A.	Science Hall
Head Professor of Botany and Bacteriology	
JOHN MELTON COLEMAN, B.S.	Experiment Station
Assistant Chemist	
HENRY P. CONSTANS, M.A.	Peabody Hall
Associate Professor and Head of the Department of Speech	
JOHN FRANCIS COOPER, B.S.A.	Horticulture Building
Editor, Experiment Station and Agricultural Extension Division	
RUFUS THOMAS CORNELIUS, M.A.....	Language Hall
Assistant Professor of French (Appointed September 1, 1930)	
WARREN CASSIUS COWELL, B.S.	Basketball Court
Associate Professor of Coaching and Physical Education, Varsity Basketball and Baseball Coach and Freshman Football Coach	
ALFRED CRAGO, Ph.D. (Iowa)	Peabody Hall
Professor of Educational Psychology, Tests and Measurements	
ALLEN THORNTON CRAIG, M.A. (Florida)	Peabody Hall
Instructor in Mathematics (On Leave 1930-31)	
CLIFFORD WALDORF CRANDALL, B.S., LL.B. (Michigan).....	Law Building
Professor of Law	
SAMMY CRANE, Pvt., Field Artillery, U. S. Army.....	Benton Hall
Instructor in Military Science and Tactics	
JOHN THOMAS CREIGHTON, M.S.....	Agriculture Building
Instructor in Entomology and Plant Pathology	
IDA KEELING CRESAP.....	Horticulture Building
Librarian, Experiment Station	
MCKINLEY CRISWELL, P.F.C., Field Artillery, U. S. Army.....	Benton Hall
Instructor in Military Science and Tactics	
CHARLES LANGLEY CROW, M.A., Ph.D. (Gottingen).....	Language Hall
Head Professor of German and Spanish	
RAYMOND MERCHANT CROWN, B.S.A.....	Experiment Station
Field Assistant in Plant Physiology	
CHARLES RALPH DAWSON, B.S.A.	Experiment Station
Assistant in Dairy Investigation	
JAMES WESTRAY DAY, M.A., J.D. (Florida).....	Law Building
Professor of Law	
JOHN WILLIAM DEBRUYN, M.A.	Auditorium
Instructor in Music	
EZRA FRANKLIN DEBUSK, B.S.....	Horticulture Building
Citrus Entomologist-Pathologist, Agricultural Extension Division	

FRANCIS MARION DEGAETANI, B.A.E.....	Language Hall
Instructor in Spanish	
RALPH DAVIS DICKEY, B.S.A.	Agriculture Building
Assistant Professor of Entomology and Plant Pathology	
HARWOOD BURROUGHS DOLBEARE, B.A.	Language Hall
Associate Professor of Finance	
JOSEPH DONNOVIN, Captain, Field Artillery, U. S. Army.....	Benton Hall
Assistant Professor of Military Science and Tactics	
BERNARD FRANCIS DOSTAL, M.A.	Mech. Engr. Building
Assistant Professor of Mathematics	
JOHN A. DUKE, P.F.C., Field Artillery, U. S. Army.....	Benton Hall
Instructor in Military Science and Tactics	
F. BANKS DUNCAN	Radio Station
Chief Operator at Station WRUF	
HOWARD DYKMAN, B.A., LL.B.	Language Hall
Professor of Economics and Insurance	
AUTHER H. EDDINS, Ph.D. (Iowa State College).....	Experiment Station
Assistant Plant Pathologist	
JOHN GRADY ELDRIDGE, M.A.....	Language Hall
Associate Professor of Economics	
ELMER JACOB EMIG, M.A.	Language Hall
Head Professor of Journalism	
CHARLES RANGER ENLOW, M.S.A.....	Experiment Station
Assistant Agronomist, Experiment Station (Cooperation with U.S.D.A.)	
MARTIN RUSSELL ENSIGN, M.S.	Experiment Station
Assistant Horticulturist	
HASSE OCTAVIUS ENWALL, S.T.B., Ph.D. (Boston).....	Peabody Hall
Head Professor of Psychology and Philosophy	
SILAS KENDRICK ESHLEMAN, JR., M.S., M.E.....	Benton Hall
Assistant Professor of Drawing and Mechanic Arts	
JAMES MARION FARR, M.A., Ph.D. (Johns Hopkins).....	Language Hall
Vice President of University, Head Professor of English	
LESTER COLLINS FARRIS, M.A.....	Language Hall
Associate Professor of English	
WILLIAM WARRICK FINEREN, M.E.....	Benton Hall
Assistant Professor of Mechanical Engineering	
SAMUEL TODD FLEMING, B.A.....	Horticulture Building
Director, Experiment Station	
WILBUR LEONIDAS FLOYD, M.S. (Florida).....	Agriculture Building
Assistant Dean of College of Agriculture, Head Professor of Ornamentals and Forestry	
PERRY ALBERT FOOTE, M.S. Pharm., Ph.D. (Wisconsin).....	Chemistry Building
Associate Professor of Pharmacy	

BONNIE REID FUDGE, Ph.D.	Lake Alfred, Fla. Assistant Chemist, Citrus Experiment Station
J. FRANKLIN FUDGE, Ph.D.	Lake Alfred, Fla. Assistant Chemist, Experiment Station (Resigned Sept. 30, 1929)
RALPH M. FULGHUM, B.S.A.	Horticulture Building Assistant Editor, Experiment Station
JOSEPH RICHARD FULK, M.A., Ph.D. (Nebraska)	Peabody Hall Professor of Education
LEONARD WILLIAM GADDUM, Ph.D. (Missouri)	Experiment Station Biochemist, Home Economics Research
EDWARD WALTER GARRIS, M.A., Ph.D.	Peabody Hall Professor of Agricultural Education
WILLIAM TEAGUE GAY, B.S., LL.B.	Language Hall Instructor in English (Resigned July 1, 1930)
FRANK GENOVAR	Gymnasium Instructor in Swimming
LEONARD GIOVANNOLI, M.A.	Science Hall Instructor in Biology (Appointed July 1, 1930)
FLAVIA GLEASON	Tallahassee, Fla. State Home Demonstration Agent
JAMES DAVID GLUNT, M.A.	Peabody Hall Assistant Professor of History and Political Science (On Leave 1929-30)
WALLACE BARGER GOEBEL, M.A.	Language Hall Instructor in History and Political Science
CARLOS C. GOFF, M.S.	Leesburg, Fla. Assistant Entomologist, Field Laboratory
ROBERT CABANISS GOODWIN, M.A., Ph.D. (Harvard)	Chemistry Building Assistant Professor of Chemistry (Resigned July 28, 1930)
KLINE HARRISON GRAHAM	Language Hall Business Manager
HOWARD WILLIAM GRAY, M.S., C.P.A. (Illinois)	Language Hall Professor of Accounting
LEVI OTTO GRATZ, Ph.D. (Cornell)	Quincy, Fla. Associate Plant Pathologist, Tobacco Experiment Station
EDGAR FREDERICK GROSSMAN, M.A.	Experiment Station Assistant Entomologist, Cotton
HENRY GLENN HAMILTON, M.S.A., Ph.D. (Cornell)	Horticulture Building Associate Professor of Marketing Agricultural Products
FRED T. HANNAFORD, B.A.	Peabody Hall Instructor in Architecture
LYMAN GEORGE HASKELL, M.D.	Gymnasium Professor of Coaching and Physical Education

WILLIAM BYRON HATHAWAY, M.A.....	Peabody Hall
Associate Professor of Spanish	
OLIVER HOWARD HAUPTMANN, M.A.....	Language Hall
Instructor in Spanish and German	
STACY O. HAWKINS, B.A., M.A.....	Homestead, Fla.
Field Assistant in Plant Pathology, Sub-Tropical Experiment Station	
DORR HAZELHURST, First Lt., Infantry, U. S. Army.....	Benton Hall
Assistant Professor of Military Science and Tactics	
(Appointed September 1, 1930)	
FRED HARVEY HEATH, Ph.D. (Yale).....	Chemistry Building
Professor of Chemistry	
JOHN F. HEPNER, Captain, Infantry, U. S. Army.....	Benton Hall
Assistant Professor of Military Science and Tactics	
JOHN H. HERDER, B.S.M.E.....	Benton Hall
Instructor in Drawing and Mechanic Arts (Resigned July 1, 1930)	
JACKSON BOLING HESTER, B.S., M.S.	Experiment Station
Assistant Chemist	
WILBUR GARLAND HIATT, B.A.....	Language Hall
Auditor of Budgetary Accounts	
WILLIAM TROTTER HICKS, M.S.	Language Hall
Instructor in Economics and Economic Geography	
ALFRED NASH HIGGINS, B.A.....	Basketball Court
Associate Professor of Coaching and Physical Education,	
Track Coach and Assistant Football Coach	
THOMAS J. HIGGINS, M.A.....	Language Hall
Instructor in Spanish	
LOVELL D. HINER, B.S. Pharm.	Chemistry Building
Half Time Instructor in Pharmacognosy and Pharmacology	
ELMER DUMOND HINCKLEY, Ph.D. (Chicago)	Peabody Hall
Associate Professor of Psychology	
LEONARD HOLLY, Pvt., Field Artillery, U. S. Army.....	Benton Hall
Instructor in Military Science and Tactics	
JOE HOLSINGER	Basketball Court
Associate Professor of Coaching and Physical Education, Freshman Basketball	
Coach, Assistant Football Coach and Director of Intra-Mural Athletics	
ARTHUR ARIEL HOPKINS, M.A.....	Peabody Hall
Assistant Professor of Speech	
RAYMOND H. HOWARD, B.S.A.	Agriculture Building
Instructor in Farm Management	
SAMUEL HOUSTON HUFFMAN, M.A.....	Language Hall
Instructor in Mathematics (Appointed July 1, 1930)	
FRED HAROLD HULL, M.S.....	Experiment Station
Assistant Agronomist	

- THEODORE HUNTINGTON HUBBELL, B.A., M.A. Science Hall
Associate Professor of Biology (Acting Head 1930-31)
- DALLAS BURNETT HUNDLEY, Staff Sergeant, Infantry, U. S. Army..... Benton Hall
Instructor in Military Science and Tactics
- HUBER CHRISTIAN HURST, LL.B. Language Hall
Associate Professor of Economics and Business Law
- WILLIAM JOHN HUSA, M.A., Ph.D. (Iowa)..... Chemistry Building
Head Professor of Pharmacy
- ROBERT WILLIAM HUSTON, M.A. Language Hall
Instructor in French
- EDWARD THORNTON INGLE, B.A. Language Hall
Assistant Professor of Journalism (Resigned June 30, 1930)
- VESTIS TWIGGS JACKSON, M.S., Ph.D. (Chicago)..... Chemistry Building
Associate Professor of Chemistry
- CHESTER HOWELL JAMES, B.S.M.E. Mechanical Engr. Building
Instructor in Drawing and Mechanic Arts (Appointed September 15, 1930)
- HAMPTON MCNEELY JARRELL, M.A. Language Hall
Instructor in English (Resigned July 1, 1930)
- JOHN HENRY JEFFERIES Lake Alfred, Fla.
Superintendent Citrus Experiment Station
- JOHN EVANDER JOHNSON, B.D., M.A. Y.M.C.A. Building
General Secretary, Y.M.C.A., Instructor in Bible
- EDGAR CHARLES JONES, LL.B. Gymnasium
Dirac.or of Athletics (Appointed June 1, 1930)
- HENRY NORTON JUNE, B.S. Arch., A.A. Peabody Hall
Professor of Architecture
- DAVID G. A. KELBERT..... Bradenton, Fla.
Field Assistant in Plant Pathology, Field Laboratory
- MARY ELLEN KEOWN, M.S. Tallahassee, Fla.
District Agent, Home Demonstration Work
- RANDALL RICH KINCAID, M.A. Quincy, Fla.
Assistant Plant Pathologist, Tobacco Experiment Station
- WILLIAM DELANCEY KLINEPETER, Sgt., Infantry, U. S. Army..... Benton Hall
Chief Clerk and Instructor in Military Science and Tactics
- FRANKLIN WESLEY KOKOMOOR, M.A., Ph.D. (Michigan)..... Mech. Engr. Building
Associate Professor of Mathematics
- WILLIAM ABRAHAM KUNTZ, M.S. Lake Alfred, Fla.
Assistant Plant Pathologist, Field Laboratory
- JOSEPH HARRISON KUSNER, M.A. Peabody Hall
Assistant Professor in Mathematics (On Leave 1930-31)
- GEORGE LAFLEUR, Pvt., Field Artillery, U. S. Army..... Benton Hall
Instructor in Military Science and Tactics

ANGUS MACKENZIE LAIRD, M.A.....	Language Hall
Instructor in History and Political Science (On Leave 1930-31)	
ELLSWORTH G. LANCASTER, M.A., Ph.D.....	Peabody Hall
Assistant Professor of Child and Adolescent Psychology	
JAMES MILLER LEAKE, Ph.D. (Johns Hopkins).....	Language Hall
Head Professor of History and Political Science	
DEWEY H. LEDFORD, Pvt., Field Artillery, U. S. Army.....	Benton Hall
Instructor in Military Science and Tactics	
TOWNES RANDOLPH LEIGH, M.A., Ph.D. (Chicago).....	Chemistry Building
Dean of College of Pharmacy, Head Professor of Chemistry	
AARON WHITNEY LELAND.....	Agriculture Building
Farm Foreman, College of Agriculture	
WALTER ANTHONY LEUKEL, Ph.D. (Wisconsin).....	Experiment Station
Associate Agronomist	
WILBERT ALVA LITTLE, M.A.	Peabody Hall
Associate Professor of Languages and Mathematics	
R. N. LOBDELL, M.S.....	Belle Glade, Fla.
Assistant Entomologist	
WALTER K. LONG, B.F.A.....	Peabody Hall
Assistant Professor of Drawing and Painting (On Leave 1930-31)	
EARL LESLIE LORD, M.S.	Agriculture Building
Professor of Pomology	
KENNETH WILFRED LOUCKS, B.S., M.S.	Experiment Station
Assistant in Plant Pathology	
THOMAS MARVEL LOWE, S.B.	Benton Hall
Assistant Professor of Civil Engineering	
WILLIAM LEONARD LOWRY, B.A.	Language Hall
Assistant Professor of Journalism (Appointed July 1, 1930)	
RUBY McDAVID	Tallahassee, Fla.
District Agent, Home Demonstration Work	
JAMES DALLAS McDOWELL, M.A.	Language Hall
Instructor in French	
CHARLES W. McKEOWN, Sgt., Field Artillery, U. S. Army.....	Benton Hall
Instructor in Military Science and Tactics	
BRUCE McKINLEY, B.A., B.S.A.....	Experiment Station
Associate Agricultural Economist	
HILTON B. McQUARRIE, Pvt., Field Artillery, U. S. Army.....	Benton Hall
Instructor in Military Science and Tactics	
JOHN VREDENBURGH McQUITTY B.A. (Florida).....	Language Hall
Assistant Registrar	
HOUSDEN LANE MARSHALL, M.S.....	Experiment Station
Assistant Chemist (Resigned May 15, 1930)	

FREEMAN GOODE MARTIN, M.S.	Agriculture Building
Instructor in Animal Husbandry and Dairying	
ANGELO MARIO MARZULLI, B.S.E.E., M.S.	Benton Hall
Assistant Professor of Electrical Engineering (Resigned July 1, 1930)	
WALTER JEFFERIES MATHERLY, M.A.	Language Hall
Dean of College of Commerce and Journalism, Head Professor of Economics	
NORMAN RIPLEY MEHRHOF, B.S., M. Agr.	Horticulture Building
Extension Poultryman, Agricultural Extension Division	
CHARLES ARTHUR MESSICK, M.A.	Peabody Hall
Assistant Professor of Mathematics	
RALPH L. MILLER, M.S., Ph.D. (Ohio State)	Sanford, Fla.
Associate Entomologist, Experiment Station	
CORA MILTIMORE, B.S.	Library
Librarian	
VIRGINIA PEARL MOORE	Tallahassee, Fla.
Assistant State Home Demonstration Agent	
WILLIAM C. MOORE, Captain, Infantry, U. S. Army	Benton Hall
Associate Professor of Military Science and Tactics	
WILLIAM EDGAR MOORE, M.A.	Language Hall
Instructor in English (Appointed July 1, 1930)	
HENRY T. MORING, Pvt., Field Artillery, U. S. Army	Benton Hall
Instructor in Military Science and Tactics	
ALTON CHESTER MORRIS, M.A.	Language Hall
Instructor in English	
JAMES MONROE MORRIS, Captain, Infantry, U. S. Army	Benton Hall
Adjutant and Assistant Professor of Military Science and Tactics	
CHARLES EUGENE MOUNTS, B.A.E., M.A.	Language Hall
Instructor in English	
HAROLD MOWRY, B.S.A.	Experiment Station
Associate Horticulturist	
CLAUDE L. MURPHREE, B.A.	Auditorium
Organist	
ALLEN PAUL MULLINS	Agriculture Building
Herdsmen, College of Agriculture	
WAYNE B. NEAL, Ph.D.	Experiment Station
Assistant in Animal Nutrition	
WILLIAM THOMAS NETTLES, B.S.	Horticulture Building
District Agent, Agricultural Extension Division	
WILMON NEWELL, M.S., D.Sc. (Iowa State College)	Horticulture Building
Dean of College of Agriculture and Director of Experiment Station and Agricultural Extension Division	
RALPH NIMMONS, B.A.	Radio Station
Head Announcer, Station WRUF	

CLARENCE VERNON NOBLE, Ph.D. (Cornell)	Experiment Station Agricultural Economist, Head of Department
ROBERT EMMETT NOLEN, M.S.A.	Plant City, Fla. Field Assistant in Plant Pathology
JAMES WILLIAM NORMAN, M.A., Ph.D. (Columbia)	Peabody Hall Dean of Teachers College, Head Professor of Education
FRANK T. ORNDORFF, Sgt., Field Artillery, U. S. Army	Benton Hall Instructor in Military Science and Tactics
BURTON J. H. OTTE, M.S.	Chemistry Building Curator in Chemistry
FRANK E. PALMER, Pvt., Field Artillery, U. S. Army	Benton Hall Instructor in Military Science and Tactics
ANCIL N. PAYNE, Ph.D.	Language Hall Assistant Professor in History and Political Science
WILLIAM SANFORD PERRY, M.S.	Benton Hall Associate Professor of Physics
JESSE LEE PETERSON, M.A.	Language Hall Instructor in English (On Leave 1930-31)
CECIL GLENN PHIPPS, M.A., Ph.D. (Minnesota)	Peabody Hall Associate Professor of Mathematics
A. P. PIERSON	Gymnasium Assistant Freshman Coach
JOHN PIOMBO	Gymnasium Associate Professor of Physical Training, Boxing Coach and Trainer (Resigned as Associate Professor and Boxing Coach July 1, 1930)
CASH BLAIR POLLARD, Ph.D. (Purdue)	Chemistry Building Acting Assistant Professor of Chemistry (Appointed September 1, 1930)
GARLAND POWELL	Radio Station Station Executive WRUF
FORD LEWIS PRESCOTT, M.E.	Mech. Engr. Building Associate Professor of Mechanical Engineering On leave 1929-30. Resigned July 1, 1930
EDWARD V. PRICE, Pvt., Field Artillery, U. S. Army	Benton Hall Instructor in Military Science and Tactics
MELVIN PRICE, E.E., M.S.	Mech. Engr. Building Head Professor of Mechanical Engineering (On leave 1929-30)
ERNEST R. PURVIS, M.S.	Experiment Station Assistant Chemist
EDWARD SCHAUMBERG QUADE, B.A.	Language Hall Instructor in Mathematics
PERCY LAWRENCE REED, C.E., M.S.	Benton Hall Acting Dean of the College of Engineering, Head Professor of Civil Engineering

JESSE REEVES	Quincy, Fla.
Farm Foreman, Tobacco Experiment Station	
ARTHUR STEVENS RHOADS, M.S., Ph.D. (Syracuse)	Cocoa, Fla.
Associate Plant Pathologist	
DAVID H. RHODES, P.F.C., Field Artillery, U. S. Army	Benton Hall
Instructor in Military Science and Tactics	
BERT CLAIR RILEY, B.A., B.S.A.	Language Hall
Dean of General Extension Division	
GEORGE EDGAR RITCHEY, M.S.A.	Agriculture Building
Assistant Agronomist (Cooperation U.S.D.A.), Experiment Station	
CHARLES ARCHIBALD ROBERTSON, M.A.	Language Hall
Professor of English	
JOSEPH ROEMER, M.A., Ph.D. (Peabody)	Peabody Hall
Professor of Secondary Education	
FRAZIER ROGERS, M.S.A.	Agriculture Building
Head Professor of Agricultural Engineering	
JAMES SPEED ROGERS, M.A.	Science Hall
Head Professor of Biology and Geology (On Leave 1930-31)	
GEORGE D. RUEHLE, Ph.D.	Experiment Station
Assistant Plant Pathologist	
RUDOLPH WILLIAM RUPRECHT, M.S., Ph.D. (Mass. A. College) ..	Experiment Station
Chemist, Head of Department	
ELLIS BENTON SALT, M.A.	Gymnasium
Instructor in Physical Education (Appointed June 16, 1930)	
NATHAN WILLARD SANBORN, M.D.	Horticulture Building
Head Professor of Poultry Husbandry	
DORSEY ADDREN SANDERS, B.S., D.V.M.	Experiment Station
Assistant Veterinarian, Experiment Station	
LAMAR SARRA, LL.B.	Gymnasium
Freshman Baseball Coach (Resigned July 1, 1930)	
WILLIAM LINCOLN SAWYER, B.S.	Benton Hall
Instructor in Civil Engineering	
PETER C. SCAGLIONE, B.S.B.A.	Language Hall
Instructor in Office Management and Economic History	
CHARLES SELLERIER, M.A.	Language Hall
Instructor in English (Appointed September 15, 1930)	
PETTUS HOLMES SENN, M.S.	Agriculture Building
Assistant Professor of Farm Crops and Genetics	
LUCY BELLE SETTLE, B.S.	Horticulture Building
District Agent, Home Demonstration Work	
PAUL S. SHATTUCK, B.S. Pharm.	Chemistry Building
Half-time Instructor in Pharmacy	

ARTHUR LISTON SHEALY, B.S., D.V.M.	Experiment Station
Head of Animal Husbandry, Professor of Veterinary Science and Veterinarian, Experiment Station	
W. J. SHEELY	Experiment Station
Agent in Animal Husbandry	
HARLEY BLACKWELL SHERMAN, M.S.	Science Hall
Associate Professor of Biology	
GLENN BALLARD SIMMONS, M.A.E.	Peabody Hall
Assistant Dean of the Teachers College, Assistant Professor of Education	
WILLIAM BYRON SHIPPEY, Ph.D.	Leesburg, Fla.
Assistant Plant Pathologist	
STANLEY SIMONDS, Ph.D. (Johns Hopkins)	Law Building
Professor of Roman Law (Part time)	
THOMAS MARSHALL SIMPSON, M.A., Ph.D. (Wisconsin)	Peabody Hall
Head Professor of Mathematics	
DEAN SLAGLE, M.A., LL.B. (Yale)	Law Building
Professor of Law	
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Assistant Professor of Curriculum Revision (Appointed September 1, 1930)	
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District Agent, Agricultural Extension Division	
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Vice Director, Agricultural Extension Division	
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Assistant Horticulturist	
EDWIN F. STANTON	Experiment Station
Supervisor of Egg Laying Contest	
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Instructor in Physics	
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Head Agronomist	

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Foreman, Everglades Experiment Station (Resigned June 30, 1930)
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- IVOR W. THOMAS, Sgt., Field Artillery, U. S. Army Benton Hall
Instructor in Military Science and Tactics
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- JOHN EDWIN TURLINGTON, M.S., Ph.D. (Cornell) Horticulture Building
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Curator Department of Biology	
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Foreman of Green House, Test Grounds	
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Associate Plant Pathologist, Experiment Station	
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- (3) Executive Council

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IRENE E. PERRY Secretary, Teachers College

HELLICE RATHBUN.....	Chief Clerk, Bookstore
LUCILLE RAYBORN.....	Switch Board Operator
JAMES WARE SATCHER.....	Clerk, Business Manager's Office
ELEANOR GWYNNETH SHAW.....	Secretary, College of Agriculture
MYRA SWEARINGEN.....	Assistant Chief Clerk, Book Store
WARREN S. TAYLOR.....	Engineer
MRS. ELLEN E. TOPH.....	Assistant Dietician, Commons
ROBERT T. TURNER.....	Mechanician
ELEANOR VAN CROM.....	Stenographer, College of Engineering
NANNIE BELLE WHITAKER, B.A.....	Secretary, College of Commerce and Journalism
LILLIAN WHITLEY.....	Secretary, Graduate School
HOMER D. WINGATE.....	Auditor Custodian Accounts, Business Manager's Office
JOHN WINCEY.....	Voucher Clerk, Business Manager's Office
ADELAIDE YON.....	Secretary, Athletic Department
PRISCILLA KENNEDY.....	Secretary-Librarian, College of Law
	Resigned July 1, 1930
MIRIAM MCKINSTRY.....	Registration Clerk, Registrar's Office
	Resigned July 1, 1930
HELEN PARKER.....	Absence Clerk, Registrar's Office
	Resigned July 1, 1930
ELIZABETH ROUNTREE YEATS.....	Secretary, Teachers Collesge
	Resigned September 1, 1930

GRADUATE ASSISTANTS, STUDENT ASSISTANTS
AND FELLOWS

1930-31

DAVE E. ADELSON.....	Student Assistant in Chemistry
THOMAS ALEXANDER.....	Student Assistant in Philosophy and Psychology
RALPH FRED ALLEN.....	Student Assistant in Biology
HANS OLAF ANDERSON.....	Student Assistant in Agricultural Engineering
OLIVER WENDELL ANDERSON.....	Student Assistant in Botany and Bacteriology
WILLIAM FARIS ANDERSON.....	Student Assistant in Law
WILLIAM T. ARNETT, B.S. Arch.....	Graduate Assistant in Architecture
ROBERT B. BAKER, JR.....	Student Assistant in Drawing and Mechanical Arts
WALTER BARBER.....	Announcer, Station WRUF
CLYDE BASS.....	Student Assistant in Animal Husbandry
JOE BASS, B.S.B.A.....	Fellow in Business Administration
D. G. BECK, B.S.E.E.....	Graduate Assistant in Physics and Electrical Engineering
ROBERT B. BENNETT.....	Student Assistant in Physics
L. W. BERNER.....	Student Assistant in Physics
HENRY A. BESS, B.S.A.E.....	Graduate Assistant in Entomology and Plant Pathology
WILLARD BRADY BIGGERS.....	Student Assistant in Chemistry
CHARLES JAMES BOLTON, JR., B.A.....	Graduate Assistant in Agricultural Economics
RALPH RUDOLPH BOTTS.....	Student Assistant in Agricultural Economics
WILLIAM MILTON BRADLEY.....	Student Assistant in Physical Education
MARK D. BUTLER, B.S.....	Graduate Assistant in Physics

JAMES BUTSCH	Announcer, Station WRUF
PAUL D. CAMP, B.S.A.....	Graduate Assistant in Animal Husbandry
RUSSELL B. CARSON.....	Student Assistant in Biology
JOSEPH MARTIN CARTER, Ph.C.....	Student Assistant in Pharmacy
CLAUDE L. CONWAY.....	Student Assistant in Pharmacognosy and Pharmacology
JOHN BROWARD CULPEPPER, B.A.....	Graduate Assistant in Education
THOMAS BERTRAM DALE.....	Student Assistant in Physics
JAMES DAVID.....	Student Assistant in Chemistry
DAVID MILES DAVIS.....	Student Assistant in Agricultural Economics
NORMAN WEST DAVIS, B.S.....	Graduate Assistant in Biology
WALTER ALEXANDER DECTOFF.....	Student Assistant in Physical Education
WILLIAM W. DISHONG.....	Student Assistant in Physical Education
ROBERT SPENCER EDSALL, B.S.A.....	Graduate Fellow in Agronomy
WILLIAM W. EYSTER.....	Student Assistant in Biology
RAYMOND EDMUND FORD.....	Student Assistant in Physical Education
H. DWIGHT FREEMAN.....	Student Assistant in Agricultural Engineering
ALBERT M. HAFT.....	Student Assistant in Business Administration
ROBERT WINTON HART, B.S.C.E.....	Fellow in Civil Engineering
NORMAN C. HARVEY.....	Student Assistant in Civil Engineering
GEORGE A. HAWKINS, B.S.E.....	Graduate Assistant in Chemistry
ROLAND OTHO HOPPER.....	Student Assistant in Poultry Husbandry
WESLEY BENJAMIN JACKSON.....	Student Assistant in Physical Education
DAVID SAMUEL JOHNS, B.S.Ch.E.	Graduate Assistant in Physics
J. B. JOHNSON, JR.....	Student Assistant in Physical Education
THOMAS JOHN JONES.....	Student Assistant in Veterinary Science
CARL KAZARIAN	Student Assistant in Chemistry
ISAAC GODFREY KING.....	Student Assistant in Mathematics
ARTHUR EDWARD KROMER, JR.....	Student Assistant in Chemistry
WILLIAM TRAVIS LOFTEN.....	Student Assistant in Horticulture
RICHARD PARDIE LORD.....	Student Assistant in Botany and Bacteriology
JAMES H. LYBASS.....	Student Assistant in Horticulture
ERNEST M. McCRACKEN, B.A.....	Fellow in Business Administration
MIKE JONES McLAUGHLIN.....	Student Assistant in Business Administration
ANDREW P. McLEAN.....	Student Assistant in Chemistry
J. RUSSELL McCAUCHAN.....	Student Assistant, Station WRUF
LOUIS L. McQUITY.....	Student Assistant in Philosophy and Psychology
HARVEY A. MAFT, B.S.....	Graduate Assistant in Chemistry
LOUIS MAGID, Ph.G.....	Student Assistant in Chemistry
EARLE DWIGHT MATTHEWS.....	Student Assistant in Agronomy
ERNEST M. MENENDEZ.....	Student Assistant in Electrical Engineering
C. E. MENNEKEN.....	Student Assistant in Physics
I. E. MILES, B.S.....	Graduate Fellow in Agronomy
HENRY BROWARD MILLER, B.A.E.....	Graduate Assistant in Education
MAURICE LEE MOORE, B.S., M.S.....	Graduate Assistant in Chemistry
CHARLES T. MOSIER.....	Student Assistant in Philosophy and Psychology
JOHN ANDREW MULRENNAN.....	Student Assistant in Entomology and Plant Pathology
FOREST HARROLD MUNGER, B.A.....	Student Assistant in Physical Education

SAMUEL A. NASRALLAH, B.S.B.A.	Graduate Assistant in Business Administration
F. J. NELSON	Student Assistant in Physics
GEORGE TIERSO NUNEZ	Student Assistant in Business Administration
PHILIP O'CONNELL	Student Assistant in Physical Education
SEIBERT CLINTON PEARSON	Student Assistant in Biology
HOWARD LINE PUTNAM, B.S.B.A.	Graduate Assistant in Business Administration
FELIX A. REHRER, B.S.A.	Graduate Assistant in Mathematics
JOHN A. ROBERTS	Student Assistant in Chemistry
WILLIAM E. ROBINSON, B.S.E.	Graduate Assistant in Chemistry
J. BARKLEY ROSSER, B.S.	Graduate Assistant in Physics
J. L. SANDERS	Student Assistant in Electrical Engineering
WALTER EWING SANSBURY	Student Assistant in Chemistry
ZACH SAVAGE, B.S.	Graduate Assistant in Agricultural Engineering
JAMES SHACKLEFORD	Student Assistant in Electrical Engineering
J. L. SHEW, B.S.M.E.	Fellow in Mechanical Engineering
CHARLES E. SPARKS, B.S.	Graduate Assistant in Chemistry
SILAS M. THRONSON, B.A.	Graduate Assistant in Chemistry
WOODSON C. TUCKER, JR., B.S., M.S.	Graduate Assistant in Chemistry
CLAUDIUS J. WALKER	Student Assistant in Botany and Bacteriology
JOHN H. WAHL, JR.	Student Assistant, Station WRUF
LAWRENCE K. WALRATH	Student Assistant in Philosophy and Psychology
JIM WATKINS	Student Assistant in Botany and Bacteriology
THOMAS ROBA WEBB	Student Assistant in Physics
CLEMMIE BANKS WILLIAMS	Student Assistant in Entomology and Plant Pathology
GORDON LEE WILLIAMS	Student Assistant in Civil Engineering
RICHARD S. WILLIAMS	Student Assistant in Journalism
ROBERT G. WINN, B.A.	Graduate Assistant in English
ROBERT BUCHANAN WOOTEN, B.S.A.	Graduate Assistant in Agronomy
MARTIN C. YOUNG, B.S.A.	Graduate Assistant in Agricultural Economics
PAUL A. ZIMMERMAN	Student Assistant in Biology

REPORT OF ENROLLMENT AT THE UNIVERSITY OF FLORIDA
SUMMER SESSION 1929

A. Number enrolled (16 years of age and over)

	MEN	WOMEN	TOTAL
(1) Teachers College	238	848	1086
(2) Graduate School	93	50	143
(3) College of Arts and Sciences	83	48	131
(4) College of Law	77	.....	77
(5) College of Commerce and Journalism.....	42	12	54
(6) Review Courses	6	11	17
(7) College of Agriculture	16	.....	16
	<hr/>	<hr/>	<hr/>
Total	555	969	1524

B. Number enrolled (under 16 years of age) in the
 Demonstration School of Teachers College

(1) Kindergarten	11	13	24
(2) Beginners and First Grade	11	11	22
(3) Second and Third Grade	12	7	19
(4) Fourth and Fifth Grade	7	17	24
	<hr/>	<hr/>	<hr/>
Total	41	48	89
	<hr/>	<hr/>	<hr/>
GRAND TOTAL	596	1017	1613

REPORT OF ENROLLMENT AT THE UNIVERSITY OF FLORIDA
REGULAR SESSION 1929-30

COLLEGE OF ARTS AND SCIENCES:

Freshman A. B.	71		
Freshman B. S.	137		
Freshman Pre-Med.	62	270	
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Sophomore A. B.	56		
Sophomore B. S.	58		
Sophomore Pre-Med.	41	155	
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Junior A. B.	40		
Junior B. S.	46	86	
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Senior A. B.	18		
Senior B. S.	21	39	
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Specials	1	1	551
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COLLEGE OF COMMERCE AND JOURNALISM:

Freshman Bus. Adm.	178		
Freshman Journ.	34	212	
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Sophomore Bus. Adm.	120		
Sophomore Journ.	11	131	
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Junior Bus. Adm.	87		
Junior Journ.	9	96	
<hr/>			
Senior Bus. Adm.	48		
Senior Journ.	6	54	
<hr/>			
Special Bus. Adm.	9		
Special Journ.	1	10	503
<hr/>			

TEACHERS COLLEGE:

Freshman	111		
Sophomore	116		
Junior	77		
Senior	27		
Special	19	350	350
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COLLEGE OF ENGINEERING:

Freshman	83	83	
Sophomore C. E.	28		
Sophomore Ch. E.	22		
Sophomore E. E. & M. E.	57	107	
Junior C. E.	13		
Junior Ch. E.	6		
Junior M. E.	10		
Junior E. E.	21	50	
Senior C. E.	12		
Senior Ch. E.	4		
Senior M. E.	8		
Senior E. E.	14	38	
Specials	12	12	290

COLLEGE OF LAW:

First Year	83		
Second Year	83		
Third Year	77	243	243

COLLEGE OF AGRICULTURE:

1 Year Specials	8		
Freshman	57		
Sophomore	43		
Junior	26		
Senior	20		
Special	15	169	169

COLLEGE OF PHARMACY:

Freshman	17		
Sophomore	19		
Junior	10		
Senior	3		
Special	6	55	55

SCHOOL OF ARCHITECTURE AND ALLIED ARTS:

Freshman	18		
Sophomore	14		
Junior	10		
Senior	13		
Special	3	58	58

ENROLLMENT

35

GRADUATE SCHOOL:	92	92	92
	—	—	
TOTAL			2311
Less Duplicates as follows:			
Arts and Sciences and Law	9		
Arts and Sciences and Ag.	1		
Teachers and Law	1		
Graduate and Teachers	1		
Transfers from one college to another.....	42		54
	—		—
GRANT TOTAL ENROLLMENT			2257

COMPOSITE OF ALL COLLEGES

Freshmen	768		
Sophomores	585		
Juniors	355		
Seniors	194		
Specials	74		
Graduates	92		
Law Students	243		
	—		
Total	2311		
Less Duplicates	54		
	—		
GRAND TOTAL REGULAR SESSION.....			2257

Women Students (Included in the above total)

Commerce & Journalism	3		
Graduates	5		
Agriculture	2		
	—		
	10		

REPORT OF ENROLLMENT AT THE UNIVERSITY OF FLORIDA

Summer Session 1930

A. Number enrolled (16 years of age and over)

	MEN	WOMEN	TOTAL
(1) Teachers College	193	767	960
(2) College of Arts and Sciences	113	34	147
(3) Graduate School	97	44	141
(4) College of Law	69	1	70
(5) College of Commerce and Journalism	49	17	66
(6) College of Agriculture	32	.....	32
	<hr/>	<hr/>	<hr/>
Total	553	863	1416

B. Number enrolled (under 16 years of age) in the
 Demonstration School of Teachers College

(1) Kindergarten	9	3	12
(2) First Grade	10	5	15
(3) Second Grade	3	3	6
(4) Third Grade	6	6	12
(5) Fourth Grade	4	3	7
(6) Fifth Grade	3	3	6
(7) Sixth Grade	3	3	6
	<hr/>	<hr/>	<hr/>
Total	39	25	64
	<hr/>	<hr/>	<hr/>
GRAND TOTAL	592	888	1480

SUMMARY OF ENTIRE YEAR

Regular Session 1929-30	2257
Summer Session 1930	1480
	<hr/>
Total Registrations	3737
Less all duplications	338
	<hr/>
GRAND TOTAL FOR THE YEAR	3399

STUDENT ROLL SUMMER SESSION 1929

The Classification of Summer Session Students is indicated by the following abbreviations:

A & S—College of Arts and Sciences; Ag—College of Agriculture; C & J—College of Commerce and Journalism; G—Graduate School; L—College of Law; T—Teachers College.

<i>Name and Classification</i>	<i>Address</i>	<i>Name and Classification</i>	<i>Address</i>
Abernathy, James G., L	Ft. Lauderdale	Bass, Joe, C&J	Tampa
Abbott, Beulah W. (Mrs.), G	—St. Petersburg	Bass, Nellie, T	Live Oak
Adams, Eula Blue, T	Hamlet, N. C.	Bass, Nettie Mae, T	Live Oak
Adams, LeRoy, A&S	Jasper	Bassett, Edna Louise, T	Tampa
Adams, Annie Mae, T	Day	Bates, Letha, T	St. Petersburg
Akins, Hattie, T	St. Catherine	Bauman, Ferne Alice, T	DeLand
Akridge, Nicholas J., A&S	Cocoa	Bay, George E., L	Tampa
Akridge, William G., L	Cocoa	Bayly, Cyril, T	Clearwater
Alldhouse, A. C., T	Miami	Beach, Bessie, T	Bradenton
Alonso, Eva M., T	Chiefland	Beach, Lilbe Mae, T	Webster
Altman, Meda C., T	Pine Mount	Beach, Richard Howard, T	Daytona Beach
Altstetter, Mabel F. (Mrs.), T	Gainesville	Beacom, Esther B. (Mrs.), T	Callahan
Amerine, Nellie, T	Arcadia	Beacom, Wesley Linn, G	Callahan
Amos, John Ernest, C&J	Tallahassee	Bean, Eleanor, T	Bronson
Anchors, Garner B., T	Niceville	Beard, Merta Ellis (Mrs.), T	—St. Petersburg
Anderson, Archie N., T	Ponce de Leon	Beasley, Alice Ellen, T	Hawthorne
Anderson, Emma (Mrs.) T	Orlando	Beauchamp, Thelma E. (Mrs.), T	—Trenton
Anderson, Frank Marvine, A&S	Orlando	Beck, Dow Gary, G	Ocala
Anderson, Hans Olaf, Ag	Pierson	Beckett, Mary L., A&S	Tarpon Springs
Anderson, Robert Thornton, A&S	—Gainesville	Bedsale, Malcolm Roy, G	Graceville
Anderson, Rose M. (Mrs.), T	Jacksonville	Begg, Rose Gradiak, T	Lackawanna
Anderson, Thomas Jefferson, T	—DeFuniak Springs	Beirs, William Franklin, L	Bartow
Anderson, William Faris, L	Orlando	Belcher, Frances, T	Largo
Andrews, Charles Lester, T	Darlington	Beldner, Leonard Kelman, T	Miami
Andrews, Fannie Mae, T	Anthony	Bell, Stuart Craig, Ag	Barberville
Appleby, Hazel Helen, T	Sanford	Bellerby, Katherine C. (Mrs.), T	—St. Petersburg
Arant, Carl Parmely, T	Palatka	Bennett, Kathryn R. (Mrs.), T	Miami
Archibald, Robert Burns, C&J	—Jacksonville	Bennett, Martha Alvana, T	Lakeland
Argo, Mary Emma, T	Ocoee	Penson, Robert Thos., T	Manatee
Armstrong, Noble Boyd, G	—Daytona Beach	Benton, Edna, T	Plant City
Arnett, Hettie, T	Longwood	Berlack, Lawrence B., C&J	Jacksonville
Austin, Hugh Stuart, A&S	Orlando	Berry, Albert, A&S	Tampa
Aycock, Pearl, A&S	Micro, N. C.	Berry, Annie Eucenia, T	Alachua
Babers, Henry Jennings, A&S	Gainesville	Bethea, Giles Walter, T	Sanderson
Badger, Louie Frederick, T	Gainesville	Betts, Annie Lee, T	Quincy
Baggett, Ferral Mae, T	Pensacola	Bevis, Georgia, T	Bascom
Bailey, Annie B. (Mrs.), T	—Port Tampa City	Bevis, Myrtle, G	Bascom
Bailey, Miriam H. (Mrs.), T	Ft. Myers	Billing, Alberta N., T	Lake Butler
Bailey, Vera Page (Mrs.), T	—Port Tampa City	Bird, Frank Carlos, Ag	Greenville
Bair, Russell Owen, T	Ft. Lauderdale	Black, Frances N., T	Hawthorne
Baird, Hazel Lee, A&S	Gainesville	Black, Mildred Branda, T	Palatka
Baker, Genevieve (Mrs.), T	Lake Worth	Blair, Collis Cyrus, T	Quincy
Baker, Louise, T	Miami	Blanc, Bernard G., C&J	Miami
Baker, Mary R. (Mrs.), T	Tallahassee	Blanton, Chloe (Mrs.), T	Wellborn
Baker, Nancy, T	Gainesville	Blanton, Jennie, T	Jacksonville
Baldwin, Annie (Mrs.), T	Alachua	Blanton, J. Drew, T	Wellborn
Baldwin, Pauline Lucille (Mrs.), T	—West Palm Beach	Bliss, Myrtle R. (Mrs.), G	Melbourne
Bancroft, T. A., T	Port St. Joe	Bloom, Grace Walker, A&S	Ft. Myers
Barber, Eva Lee, T	High Springs	Boardman, Vera K. (Mrs.), A&S	—Gainesville
Barnhill, William B., Ag	Gainesville	Bolles, Elvira Harriet, T	Tampashores
Barlar, Ella (Mrs.), T	High Springs	Boltin, Thelma Ann, T	Gainesville
Barrineau, James A., Ag	Pensacola	Bond, William Bours, L	Jacksonville
Barnes, Chas. O., G	Plant City	Booth, Florence H., T	Jacksonville
Barnes, Grace, T	Miami	Bordeaux, Aurelia, T	Gainesville
Barnes, Lillian Ogg (Mrs.), T	Naples	Bostick, John Nathaniel, A&S	Gainesville
Barnett, Margaret, T	Hawthorne	Bostick, Mary L., T	Havana
Barrineau, Thomas L., Jr. G	Gonzalez	Boswell, Allie Eugenia, T	—Travellers Rest, S. C.
Baser, Clyde J., T	Myakka City	Bodwen, Evelyn Willa, T	Leesburg
Bass, Clayton Claude, L	Live Oak	Eowen, Maynard Lea, G	Gainesville
		Boyd, Crowther Mann, C&J,	Jacksonville
		Boyd, William Wallace, A&S	Clermont
		Boyde, Louise Vivian, T	Ocala

<i>Name and Classification</i>	<i>Address</i>	<i>Name and Classification</i>	<i>Address</i>
Bradley, Charlotte E., T	DeLand	Carey, Miriam Elaine, T	Key West
Bradley, Mary Ann, T	Century	Carmichael, Elnora B. (Mrs.), G	Tampa
Bradley, Mary Georgia, T	DeLand	Carlton, Alberta Mae, T	Jacksonville
Bradley, Modena A. (Mrs.), T	Century	Carlton, Mabry A., L	Jacksonville
Bradshaw, Emma, T	Jennings	Carn, Mary, T	Citra
Bradshaw, Ethel I. (Mrs.), T	Gainesville	Carnes, Carl C., G	Florahome
Bradenburger, Friedolin, T	Millstadt	Carson, Thelma, T	Tampa
Brandon, Avis, T	Tampa	Carter, Bessie Lett (Mrs.), T	Key West
Branning, Annabelle A. (Mrs.), G	—St. Petersburg	Carter, Edgar White, G	Callahan
Branton, Cecil Burl, T	Altha	Carter, Florrie Mae, T	Micanopy
Braswell, Virginia Elizabeth, T	—Jacksonville	Carter, Jeanette (Mrs.), T	Lake Worth
Bratley, Hazel, T	Miami	Carter, Nora (Mrs.), T	Palatka
Brick, Edward, A&S	Marianna	Carter, Ralph Edward, T	Micanopy
Bridges, Ernest G	Greenville, S. C.	Carter, William Fletcher, A&S	Lakeland
Brinson, Vera, T	Ocala	Carter, William L., G	Key West
Brockington, Alma I. (Mrs.), T	Alachua	Caruthers, Ruby Mae, T	Oxford
Brockman, Alfred Eugene, A&S	—St. Petersburg	Casebier, Martha Ann, T	Kathleen
Prodmerkel, Alex H., G	Jacksonville	Casebier, Mary, T	Kathleen
Broer, Billie, T	Wauchula	Cashwell, Helen O. (Mrs.), T	Tampa
Eroer, Dullye, T	Wauchula	Cason, Ernest Wesley, T	Lake Worth
Brooker, Layton R., C&J	Tampa	Cason, Virgie, Mae, T	Wellborn
Brooks, Roy Ray, L	Tampa	Cassady, Evelyn T	Tavares
Broone, Ruth G. (Mrs.), C&J	Gainesville	Cauthen, Mattie Lee, T	Leesburg
Brothers, Shelby Lee, Ag	Reddick	Cawthon, Rainey, T	Tallahassee
Brown, Benny Arden, T	Coral Gables	Chambers, Sallie S. (Mrs.), T	Gainesville
Brown, Clyde Ree, L	Graceville	Chamblin, John Anderson, T	Gainesville
Brown, Elia, Nancee, T	Dade City	Chambliss, James Walter, L	Tampa
Brown, Eva, T	Jacksonville	Chapman, Exeelle (Mrs.), T	Webster
Brown, Hazel N. (Mrs.), T	Clearwater	Charles, John Watson, A&S	Ortega
Brown, G. Rodney, C&J	Daytona Beach	Chastain, Bernice Ruth, T	Tampa
Brown, J. E., T	Ocala	Chastain, Lila Angelyn, T	Jacksonville
Brown, Mary Ellen, A&S	Tampa	Cheney, Augusta H. (Mrs.), T	Lake Wales
Brown, Mary Parker, T	Arcadia	Christie, Minnie Ruth, T	Jasper
Brown, Mattie Lou, T	Fernandina	Christman, Pearl E. (Mrs.), T	—Jacksonville
Brown, Minnie Ruth, T	Miami	Christo, James Earle, T	Gainesville
Brown, Newton Walker, T	—West Palm Beach	Church, Alice L., T	Eustis
Brown, Rebecca, T	Live Oak	Clarke, Katrina H., A&S	—Brookline, Mass.
Brown, Tommy (Miss), T	Dade City	Claville, Nannie I., T	Fort Myers
Brown, William Franklin, L	Miami	Clay, Irby Eliz., A&S	Alva
Browne, Fae Regina, T	Lake Wales	Clements, Lam C., T	Fitzgerald, Ga.
Browning, Edna, T	Trenton	Clemons, Walter N., T	Tallahassee
Bryan, Emma Jean, T	Alachua	Cleveland, Charles B., C&J	Miami
Bryan, Johnson, T	Jacksonville	Cleveland, Mary Anna, T	Ft. Pierce
Bryant, Louise, T	Brooksville	Cleveland, Rafael, T	Miami
Buchanan, Loy Mirl, T	Gainesville	Clubbs, Oecie, T	Pensacola
Buekels, Lucille, T	Jasper	Clyatt, Doris Ovedia, T	Micanopy
Buhner, William A., T	St. Petersburg	Coarsey, Marguerite Eliz. (Mrs.), T	—Coleman
Bull, John Francis, L	Gainesville	Coburn, Dorothy, T	Jacksonville
Bullock, Era Mae, T	Nocatee	Cockrell, Sarah, T	Gainesville
Burdin, Norma Nixon, T	Brooksville	Cogburn, Laura, T	Cottondale
Burdin, Pearl R., T	Brooksville	Coggin, Julian Lewis, T	Cocoa
Burgess, Josephine S., T	St. Augustine	Coil, Hugh, T	Clearwater
Burke, Emma G., T	Gainesville	Coker, John A., Jr., Ag, Birmingham, Ala.	
Burnett, Johnnie Albert, T	Sanderson	Cole, Alberta Eleanor, T	Sulphur Springs
Burnett, Minnie Mae, T	New Smyrna	Cole, Mabel Alcorn (Mrs.), T	—Sulphur Springs
Burnsed, James D., T	Macclenny	Coleman, Burnis T., L	Panama City
Burr, Alma C. (Mrs.), T	Okeechobee	Coley, Kate W., T	Bluff Springs
Burry, Hattie, T	Orange Lake	Collins, Eloise Gibson, T	San Mateo
Burry, Minnie Estelle, T	Orange Lake	Collins, Sarah Lucille, T	Jacksonville
Burton, Marion E., T	ChIPLEY	Comer, Charles McCalla, C&J	Ft. Meade
Bussard, Emma M. (Mrs.), T	Lake Wales	Compton, Ruth Wilkes, T	Orlando
Butler, Mark D., A&S	Miami	Cone, Eliz. Maney (Mrs.), T	Tampa
Butler, Orienne H. (Mrs.), T	Miami	Cone, Roy Davis, T	Jacksonville
Buzzett, John Joseph, T	Apalachicola	Connell, Margaret E., T	Manatee
Byrd, Josephine W., T	Miami	Connell, Willie Mary, T	Manatee
Callahan, Kermyt W., C&J	Coral Gables	Connor, Jerome Alton, G	Pensacola
Calvert, Donald Ellwood, L	Winter Haven	Connor, Warren William, L	Pensacola
Calvin, William John, A&S	Eustis	Coody, Callie M., T	Lem Turner
Cameron, Lola Parrish, T	Ocala	Cook, Frederick Edward, A&S	Ocala
Camp, Frances O., T	Jacksonville	Cooksey, Frances Juanita, A&S	Lamont
Campbell, Byron Fred, L	Hilliard	Coppedge, Evelyn Bryan (Mrs.), T	—Jacksonville
Campbell, Irene Juanita, T	DeLand	Core, Charles Frederick, T	Jacksonville
Campbell, Victoria M., A&S	Jacksonville		

<i>Name and Classification</i>	<i>Address</i>	<i>Name and Classification</i>	<i>Address</i>
Cormack, Clara Hammer (Mrs.), T	—West Palm Beach	Dopp, Lena Mary, T	Limona
Cornwell, Samuel Addison, L	Bradenton	Dorchester, Lila, A&S	Tampa
Corr, Alys May, G	Gainesville	Doty, Julia, T	DeLand
Cotrell, Eliz. Hunter (Mrs.), T	Yukon	Douglas, Lawrence Young, T	Dunedin
Cox, Guy, T	Penney Farms	Dowling, Jessie Lee, T	Lake Butler
Cox, Mercer, T	Wausau	Dowling, Mary Edna, G	Miami
Coxe, Florence Derotha, T	Perry	Downing, Ethel H., T	Wauchula
Craft, Donald Goddard, A&S	Live Oak	Dozier, Harry C., C&J	Ocala
Crane, Etha B. (Mrs.), T	Lake Worth	Dozier, Olga P., T	Lake Butler
Crane, Edith May, T	Orlando	Doyle, Bess E. (Mrs.), T	Arlington
Crapps, Dorothy, T	Gainesville	Dreblow, Charles J., C&J	Monticello
Crenshaw, Ruth (Mrs.), T	Wildwood	Dresville, Gertrude M., T	Tampa
Crews, Eva Aubrey, T	Jasper	Driggers, Charles E., T	Gainesville
Crews, Pauline, T	Jacksonville	Drummond, Evelyn, T	Lakeland
Crosby, Carabel, A&S	Adel, Ga.	Dubler, Sheldon, L	Miami
Crotty, George Sturgis, A&S	—Crescent City	DeBose, Annie M., T	High Springs
Crowell, Bessie M., T	Wauchula	Dugan, Auldou B., L	Gainesville
Crowell, John M., G	Wauchula	Dugan, Russell R., T	Gainesville
Crozier, Cornelia Newell, G	Okeechobee	Duncan, Carrie Etta, T	Fort White
Crozier, Rachel Flagg, G	Okeechobee	Duncan, Jewel McN. (Mrs.), T	—Port Tampa City
Culpepper, John Broward, A&S	Perry	Duncan, Thomas Eldred, L	Lake Butler
Cumbie, Myrtle Estelle, T	Clarcona	Duncan, William G., G	Tampa
Cumming, Fannie, T	Tampa	Durban, Leta F. (Mrs.), T	Jacksonville
Curry, Edgar Hayden, A&S	Nokomis	Durham, Sarah F. (Mrs.), T	—St. Petersburg
Curry, Lucile, T	DeLeon Springs	Dusenbury, Thelma, T	Lake Helen
Curry, Stella Virginia, T	Jacksonville	Dyson, Annie Belle, T	Sanford
Curtin, James E., A&S	Gainesville	Eagan, Bessie M. (Mrs.), T	Key West
Daley, Sarah L. (Mrs.), T	—West Palm Beach	Ebinger, Rollin Jesse, G	Eustis
D'Alemberte, Dan W., L	Pensacola	Eby, Eevelen N., T	Baldwin
Daniel, John Thomas, T	Dade City	Echols, Frances L., T	Sanford
Daniel, Margaret H. (Mrs.), T	Homestead	Edenfield, Laurence E., T	Jacksonville
Daniel, Ronie Lee, T	Dade City	Edwards, Mounger D., A&S	—Chattahoochee
Dawson, Anne Lyde, T	Tampa	Eff, Samuel, G	St. Augustine
Dansby, George William, G	Summerfield	Einig, Effie V., T	Miami
Dauer, Manning Julian, T	Tampa	Elgin, Irene W. (Mrs.), T	Jacksonville
Dauer, Martha Fitts (Mrs.), T	Tampa	Elliott, Marjorie, T	Leesburg
Davies, John Marshall, T	Gainesville	Ellis, E. W., T	Jay
Davis, Albert Gibson, T	Jacksonville	Ellis, Ralph E., T	Milton
Davis, Eleanor (Mrs.), T	Farmdale	Emerson, Francis H., T	Gainesville
Davis, Emma (Mrs.), T	Miami	English, Charles Loyal, A&S	Coral Gables
Davis, Florence Corinne, T	Ocoee	English, Rowana, T	Plant City
Davis, James R. (Mrs.), T	Babson Park	Enochs, Mary Virginia, C&J	Stuart
Davis, Lorene, T	Winter Haven	Entenza, Pauline Louise, T	Jacksonville
Davis, Mildred, T	Wauchula	Epling, Evelyn Ennis, T	Lake City
Davis, Orville Rhoads, G	Miami	Epperson, Kathrynne E., T	Lake Butler
Davis, Pearl Rogers (Mrs.), G	—Coconut Grove	Ericson, Daisy Helen, T	Palm Harbor
Davis, Robert Stewart, C&J	Lakeland	Edwin, Mary Etta (Mrs.), T	Tampa
Davis, U. P., G	Mayo	Eshleman, Silas K., L	Gainesville
Davidson, W. P. (Mrs.), T	Gainesville	Estes, Edgar S., Jr., A&S	St. Augustine
Davidson, Watson Perry, T	Gainesville	Evans, Adolphys R., C&J	Lake City
Dawson, Alma C., T	Munson	Evans, Daisy Reid, A&S	Miami
Dawson, Charles Ralph, T	Gainesville	Everett, Amy, A&S	Gainesville
Deal, Elma Lea, T	Wauchula	Ezelle, Ava, T	Graceville
Dean, Mary Wanita, T	Gainesville	Fagan, Dorothy J., T	Gainesville
DeArmas, Charles Robert, A&S	Tampa	Fain, Etta Aileen, T	Daytona Beach
Dearman, Claude Holmes, T	Jacksonville	Fairlie, Margaret C., T	Jacksonville
Decker, Bill Marion, T	Jacksonville	Farabee, T. N., T	Wauchula
Dedge, Alvin Elliott, T	Gainesville	Farmer, Mattie H. (Mrs.), T	Ocoee
Dees, Cecil Thomas, C&J	Mayo	Farnsworth, Elizabeth, A&S	Tampa
Denmark, Ewell Thomas, T	Gainesville	Farnsworth, Harold C., L	Tampa
DeShong, Virginia (Mrs.), T	Tampa	Farnsworth, Lucile, T	Plant City
Dew, Lynne Bernice, G	Alachua	Farris, Lula B., T	Ft. Myers
Dicks, Roy, T	Lake City	Farnum, Marion (Mrs.), T	—Crystal River
Dickson, Mary Lucille, T	McIntosh	Faulk, Edna Mae, T	Lake City
Diffenworth, Julia, T	St. Petersburg	Fay, Cora, T	Panama City
Dinning, William Layton, C&J	Tampa	Fay, Orra M. (Mrs.), T	Panama City
Donahue, Hazel, G	Valdosta, Ga.	Feagin, Thelma, T	Eagle Lake
Dobbins, Ruth Boyles, T	Gainesville	Feagle, Edna P. (Mrs.), T	Madison
Dominy, Grace Grant (Mrs.), T	—Orlando	Feagle, William B., T	Madison
Donahue, Cecil W., T	Gainesville	Feaster, Lula Mae, C&J	Micanopy
Donaldson, Malcolm Gilbert, G	—Shady Grove	Felson, Edgar M., L	Jacksonville
		Felson, Reuben J., T	Jacksonville
		Felton, Della P. (Mrs.), T	Miami

<i>Name and Classification</i>	<i>Address</i>	<i>Name and Classification</i>	<i>Address</i>
Fernald, Inez G. (Mrs.), T	Tarpon Springs	Golden, Maree, G	Perry
Fernald, Leon F., G	Tarpon Springs	Gordon, Ammonitte, T	DeLand
Fernald, William Irwin, T	—Tarpon Springs	Gornto, Eva S. (Mrs.), T	Lake Wales
Fetzer, Amy M. (Mrs.), T	Gainesville	Gotshall, Helen G., A&S	Cocoa
Field, Carolyn E. (Mrs.), T	Homestead	Goulding, Kathleen S., C&J	New Smyrna
Finch, Edna Pearl, T	Jacksonville	Goulding, Robert Lee, G	New Smyrna
Finman, Miriam Rachel, T	Tampa	Graham, Frank William, T	Altha
Finman, Ruth Rae, A&S	Tampa	Graham, Gladys, T	Tampa
Fish, John Sterling, T	Sanderson	Graham, Lenore May, T	Jacksonville
Fisher, Olger Otis, A&S	Tampa	Gramling, Lois E., T	Bowling Green
Fishler, H. W., L	Fernandina	Gramling, Mamie, T	Tampa
Fitzgerald, Louise Mathis, T	Palmetto	Graves, John C., Ag	Tampa
Fleming, John Jefferson, T	Vernon	Graves, Thelma G., T	Lake City
Fletcher, Eliot Chapin, T	Tampa	Green, Arthur S., G	Perry
Fletcher, Horace Veddell, T	Miami	Green, Lydia Irene, T	Cortez
Fletcher, Thomas Council, A&S	Williston	Green, Wilson P., T	Reddick
Fletcher, Ward Thomas, T	Greensboro	Greene, Edgar W., T	Stuart
Flournoy, John Thomas, T	—DeFuniak Springs	Greene, Harry S., T	Gainesville
Flowers, Madie M. (Mrs.),	Campville	Greene, Lorin A., A&S	Gainesville
Floyd, Clara Backus, G	Hawthorne	Greenlaw, Mary L., T	St. Petersburg
Floyd, Mary L., T	Jacksonville	Greer, Paul E., C&J	Brooklyn, N. Y.
Fogg, Grace Dell, T	Graham	Gregory, Agnes, T	Quincy
Fogg, Leola Belle, T	Graham	Gregory, Harriet V., T	Tampa
Fogle, Jessie M. (Mrs.), T	Oak Hill	Gregory, Joseph A., A&S	Tampa
Folks, James William, A&S	Dunnellon	Gregory, Robert H., T	Yulee
Folsom, Anne Levina, T	St. Petersburg	Gresham, Mary, T	Gainesville
Folsom, Dorothea Lee, T	Leesburg	Gresham, Robert R., G	Ft. Myers
Fore, MaBelle, T	Oxford	Griffin, Ethel M., T	Starke
Fortner, Mary Alicia, T	Mulberry	Griffin, Virgie G., T	O'Brien
Foster, Lillian Margaret, T	Jacksonville	Griley, George E., A&S	Gainesville
Foulks, Frank Marshall, G	Tampa	Grimm, Phyllis J. (Mrs.), G	Gainesville
Fouraker, Nathan Bert, T	Dinsmore	Groff, Rose A. (Mrs.), T	Boynton
Fournier, Eliz. E., T	Gainesville	Grubb, Marion R., A&S	Miami
Fowler, Mabel P. (Mrs.), T	Miami	Grubb, Virginia W., A&S	Miami
Fowler, Nina Fern, T	Miami	Guess, Mary C., T	Williston
Fowler, Bourland B., G	Miami	Guice, Elon E., T	Kissimmee
Franklin, Ben O., T	Miami	Guito, Anna S. (Mrs.), T	Key West
Franklin, Grace, T	Micanopy	Gunn, Annie Mae, T	Gainesville
Fraser, Edith Mae, T	Lake Wales	Guyton, Charles M., L	Marianna
Fraser, Lora, T	Macclenny	Hadley, Rosalind, A&S	Jacksonville
Freeberg, Mae D., T	Ft. Myers	Hafner, Edward R., C&J	Brooksville
Frisbee, Selma Ellen, T	Chicago, Ill.	Haft, Albert M., C&J	Gainesville
Frye, James Laurence, A&S	Miami	Hagenian, Voda F. (Mrs.), T	Miami
Fuzate, Lena, T	Mulberry	Hafler, H. D., T	Bascom
Fuzate, Mamie Lee, T	Orlando	Hague, Rosa A. (Mrs.), T	Chiefland
Fulford, John C., T	Orlando	Haines, Agatha J., T	Oneco
Fuller, J. H. (Mrs.), T	Ebb	Hait, Kenneth B., G	Brooksville
Furen, Elia, M., T	Useppa, Ia.	Hales, Gladys, T	Ocala
Galloway, Athey C., T	Sanford	Hall, Amy C., T	Lowell
Galloway, Celeste A., T	Darlington	Hall, Anna Mae, T	Lake Alfred
Gant, Janet, T	Darlington	Hall, Beulah T., T	Cross City
Garcia, Angie, T	Webster	Hall, Inez, T	Bushnell
Garcia, Angie Geraldine, T	Tampa	Hall, Janie P., T	Orlando
Garcia, Evelyn B., T	Tampa	Hall, Malcolm J., L	Tampa
Garcia, Marion, T	Tampa	Hall, Pauline, T	Oxford
Gardner, Ella G., T	Port Tampa	Hamilton, Marie L., T	Miami
Garfinkle, Lorraine, T	Miami	Hamilton, Virginia K., T	Coral Gables
Garner, Martha L., T	Arcadia	Hampton, Pixie J., T	Madison
Garner, Maude L., T	Arcadia	Haney, Stephen F., G	Clearwater
Garris, John M.,	Homestead	Hansen, Maude C., T	Miami
Garrison, Allen N., T	Eustis	Hardaker, Marjorie E., T	Galloway
Garrison, Hubert Fryer, A&S	Moultrie	Hardee, Edra V., T	Hardeetown
Gaylord, Eleanor M. (Mrs.), T	Tampa	Hardy, Albert L., T	Vernon
Geiger, Lorenzo Dow, G	Trenton	Hardy, Alice Louise, T	Micanopy
Gelm, Josephine C., T	Orlando	Hare, Edna P. (Mrs.), T	Tampa
Gerrald, E. J. (Mrs.), T	Wildwood	Hartlee, Eleanor S., T	Macclenny
Getzen, James C., L	Webster	Harper, Edna E., T	Tampa
Gibbs, Mary E., T	DeLand	Harrell, Maurice Ticer M., L	Summerfield
Gilbert, Margaret E., T	Orange City	Harrelson, Esther R., C&J	Panama City
Gillette, Ruby P., T	Parrish	Harris, Gertrude A., T	Jacksonville
Gilley, Edna E. (Mrs.), T	Parrish	Harrington, Lawrence, T	Jacksonville
Glenn, Lillian B., T	Quincy	Harris, Carl H., G	Jacksonville
Glidewell, Grace M., T	Jacksonville	Harris, Sarah S., G	Jacksonville
Goette, W. L., G	Lake City	Harrison, Clyde, C&J	Bushnell
Goggrins, Steve C., A&S	Jacksonville	Harrison, George L., T	Anthony
		Hartley, Mildred L., T	Anthony
		Hartman, Merton T., T	Gainesville

<i>Name and Classification</i>	<i>Address</i>	<i>Name and Classification</i>	<i>Address</i>
Harvey, William W., T	Chipley	Howell, Olive Mildres, T	Gainesville
Harwell, Grace, T	Jacksonville	Howell, Esther M., T	Gainesville
Haseltine, Adaline (Mrs.), T	Gainesville	Hrvol, Anna E., T	Orlando
Haseltine, Hubert A., G	Gainesville	Huckley, Willie P., T	Kendrick
Hastings, Margaret, T	New Smyrna	Euddleston, Paul D., T	Jay
Hatch, Margaret M., C&J	Dunedin	Hudnall, John M., G	Gainesville
Hatcher, Clyde Shank, T	Ft. Pierce	Huff, Myrtle M. (Mrs.), T	—Ft. Lauderdale
Hathaway, Anne, T	Brooksville	Hughes, Florence L., T	Jacksonville
Hanselman, R. L., G	Auburndale	Hughes, John Miner, A&S	Jacksonville
Haynie, Evelyn H., T	Gainesville	Huzhey, Esther L., T	Sanford
Hay, Annie M., T	Leesburg, Ga.	Hull, Helen G., T	Daytona
Hay, Ella Mae, T	Tarpon Springs	Humphries, Hazel (Mrs.), T	Alachua
Hay, Olivia L., T	Leesburg, Ga.	Humphries, Mary (Mrs.), T	Jacksonville
Hayman, Alvin, T	Gainesville	Humphries, Ruby, T	Mayo
Haymans, Edna M. (Mrs.), T	Gainesville	Hunter, Jessie P. (Mrs.), T	Ft. White
Haynes, Gerritt F., C&J	St. Petersburg	Eurlburt, L. Deborah, T	Jacksonville
Haynes, Jessie M., G	New Smyrna	Hurst, Helen F., G	Winter Haven
Haynes, John M., T	Gainesville	Hutcherson, Ethel M., T	Okeechobee City
Head, Grace O., T	Plant City	Hutchinson, Lena E., T	Quincy
Head, Mabel Annie, T	Plant City	Ihrig, Elmer W., T	Gainesville
Heath, Bilie, T	Arcadia	Irwin, Martha L. (Mrs.), A&S	Tampa
Heath, Florence B., T	Arcadia	Jackson, Charles E., Ag	Clearwater
Hedges, Susie DeFar, T	New Smyrna	Jacobi, Adele P., T	Jacksonville
Heifner, Evelyn S., T	Sebring	Jacobi, Gertrude F., T	Jacksonville
Hemming, Doris, T	Wellborn	Jacobs, Kathleen M., T	Umattilla
Hemrod, Maud A., T	Wauchula	Jahn, Fred S., A&S	New Port Richey
Hendershot, Velma I., T	St. Petersburg	James, Thomas H., C&J	St. Petersburg
Henderson, Edwin L., T	Ebb	Jaramillo, Luis S., Ag	Medellin, S. A.
Henderson, Ezra (Mrs.), T	Gainesville	Jarrell, Hampton M., G	Gainesville
Henderson, Susie I., T	Dade City	Jeffries, Alma, T	Crestview
Henly, William W., T	DeFuniak Spgs.	Jenkins, Lorena K., T	St. Petersburg
Hennessey, Martiria, T	Hawthorne	Jennings, Susan Jane, T	Gainesville
Henrioud, Emma S. (Mrs.), T	Welaka	Jerkins, Sarah E., T	Bushnell
Henry, Jean R., T	Ft. Lauderdale	Jernigan, Claude H., A&S	Monticello
Herin, William A., A&S	Miami	Jhnes, Henry G., T	Gainesville
Herriott, Edna T. (Mrs.), T	—Ft. Lauderdale	Johns, Henry L., T	Wellborn
Hess, Charles R., A&S	Jacksonville	Johns, Mary Ruby, G	Tampa
Hewett, Eunice Eva, T	Oakland	Johns, Thomas M., T	Lake Placid
Hicks, Thelma J., T	Mulberry	Johnson, Alice V., T	Arcadia
Highsmith, Pearl, T	Cross City	Johnson, Arrie L., L	Jay
Hill, Naoma Frances, G	Dade City	Johnson, Dora, T	Lake Butler
Hill, Nancy M. (Mrs.), T	Winter Park	Johnson, Elsie, T	Live Oak
Hindman, Baker M., G	Miami	Johnson, Etta M., T	Blakeley, Ga.
Hines, Nannie J., T	Port Orange	Johnson, Eva C., T	Evinston
Hinson, Elizabeth E., T	Miami	Johnson, Gordon R., T	Ft. Ogdun
Hobbs, Jay D., T	Pierson	Johnson, Hattie E., T	Shady Grove
Hodges, Herbert L., A&S	St. Augustine	Johnson, Joseph P., A&S	Tampa
Hoffman, Mary L., T	Plant City	Johnson, Leonard E., T	Orlando
Hogan, Cecil, A&S	Gainesville	Johnson, Loftin, T	Waldo
Hogan, Della, T	Trenton	Johnson, Martha C., T	Leesburg
Holcomb, Leona I., T	Bradenton	Johnson, Mary I. (Mrs.), T	Hampton
Holden, Gerry R., A&S	Jacksonville	Johnson, Minton H., T	Gainesville
Holliday, Zola P., T	Coral Gables	Johnson, Myra, T	Knights
Hollingsworth, Ruth H., T	Lake Worth	Johnson, Richard S., T	Daytona Beach
Holloway, Hetty L., T	Plant City	Johnson, Thelma J., T	W. Palm Beach
Holly, Carrie B., T	Ocala	Johnson, Vivian Myrtle, T	Blakeley, Ga.
Holmes, Frances W., T	Miami	Johnson, Edith W., A&S	Monticello
Holt, Eva Ellen, T	Ft. Meade	Johnston, Grace S. (Mrs.), T	Brownville
Holton, Bessie C. (Mrs.), T	Perrine	Johnston, Lowell, T	Brownville
Holton, Thomas A., G	Perrine	Jones, Barbara E., T	Mims
Haniker, Mariam (Mrs.), T	Gainesville	Jones, Dorothy E., T	Newberry
Hooten, Mary M. (Mrs.), T	Jacksonville	Jones, Emily C., G	Lake Helen
Horne, Doris V., T	Aucilla	Jones, Eula, T	Bradenton
Horne, Macey, T	Monticello	Jones, Homer, T	Floral, Ala.
Horrell, Robert P., L	Gainesville	Jones, John B., A&S	Oviedo
Horrell, V. Elizabeth, T	Titusville	Jones, Patricia N., T	Lake Helen
Horton, Daisy F. (Mrs.), T	Ft. Pierce	Jones, Ruby, T	Lee
Houk, Dean Charles, L	St. Petersburg	Jones, Thomas J., Ag	Palm Beach
Houser, Hugh C., G	Miiflintown, Pa.	Jones, William W., T	Bascom
Housman, Clara, A&S	DeLand	Jordan, Mattie D., T	Tampa
Housman, Katye, A&S	DeLand	Judge, Ida Jean, T	W. Palm Beach
Honson, Elizabeth, C&J	St. Petersburg	Justin, Mary L. (Mrs.), T	Tampa
Howard, Alvan R., T	Hardecetown	Kaplan, Harry M., L	Miami
Howard, Onna Lee, T	Gainesville	Kazarian, Carl, A&S	Orlando
Howard, R. H., G	Gainesville	Keck, Carrie H. (Mrs.), T	Moore Haven
Howard, Raymond H., G	Gainesville	Keck, Evelyn Jessie, G	Orlando

<i>Name and Classification</i>	<i>Address</i>	<i>Name and Classification</i>	<i>Address</i>
Keen, J. Burger, A&S	Monticello	Lord, Elizabeth R., A&S	Gainesville
Kelly, Birdie L. (Mrs.), T	Live Oak	Loring, Ethel J. (Mrs.), T	Cocoa
Kelly, Joseph E., T	Glen St. Mary	Lott, Audrey P. (Mrs.), G	High Springs
Kelley, Vera Mae, T	Ocala	Loueks, Kenneth W., G	Gainesville
Kelly, Eleanor, T	Live Oak	Loudermilk, Helia I., T	Pierce
Kelly, Hazel, T	Live Oak	Love, Bertha L., T	Trenton
Kelly, James H., G	Gainesville	Love, H. A., Jr., L	Quincy
Kelsey, George A., T	Lake Placid	Love, Lillie M., T	Trenton
Kemp, Grace A., T	Miami	Love, William L., T	Mulberry
Kennon, Gordon E., A&S	Daytona Beach	Lovell, Broward N., T	Ocala
Kent, Artis Lane, C&J	Gainesville	Lovell, Flora E., T	Plant City
Kent, Mary Louise, T	Tampa	Lowman, Gadsden, T	Istachatta
Kent, Thelma C. (Mrs.), T	Gainesville	Lowrey, Mary, T	Leesburg
Kepler, Charles J., T	Eau Claire, Wis.	Luffman, Ida L., T	Ocala
Kerr, Margaret A., T	Tarpon Springs	Luffman, Sallybird Y., T	Sparr
Keys, Emma, C&J	Rome, Ga.	Lyman, Daisy E., T	Palm Beach
Kicklighter, Matera, T	Sarasota	Lytle, E. J. (Mrs.), T	East Lake
Kicklighter, Henry G., T	Ft. Green	Lytle, Ernest J., Jr., T	East Lake
Kilgore, Janie M., T	Jacksonville	McAfee, Helen V., T	Sulphur Springs
Kimmel, William B., T	Ft. Lauderdale	McAloon, Evelyn A., A&S,	St. Augustine
Kinard, Floreace, T	Ft. White	McAnally, Selma T. (Mrs.), T,	Melbourne
King, Dorothy A., T	Bowling Green	McAulay, Lucy, T	Ft. Meade
King, Isaac G., T	Sneads	McCabe, Geneva L. (Mrs.), T	Ft. Myers
King, Linda L., T	Sarasota	McCall, Alexander, T	O'Brien
Kirby, Mildred, T	Lake City	McCall, Maud B., G	Wildwood
Kirkpatrick, John M., A&S	Gainesville	McCall, Ralph D., T	Jasper
Klett, Charlotte E., T	Tampa	McCarthy, William A., T	Gainesville
Knight, Frank Tyler, A&S	Jacksonville	McCaughan, James R., A&S	Pensacola
Knight, Martha E., T	St. Augustine	McClellan, Essie (Mrs.), T	Canal Point
Knight, Robt. J., T	Safety Harbor	McClellan, Juanita A., T	Vero Beach
Knight, Zelma K., T	Green Cove Spgs.	McClelland, Juanita G., T	Arcadia
Kolb, Bertha, T	Aripika	McClintock, Margaret C., T	Tampa
Kolb, Lizzie B., C&J	Aripika	McCormick, Addie, T	LaBelle
Kolbe, Henry H., L	Gainesville	McCranie, Carrie C., T	Jacksonville
Kyle, Tessie Mae, T	Pigeon Key	McCranie, Dora L., T	Sparks, Ga.
LaBree, Will J. (Mrs.), T	Dania	McCroy, Arthur L., T	Milton
La Fuse, George L., G	Clermont	McCullough, Essie M., T	Oak Hill
Lamb, Dorothy (Mrs.), T	Anthony	McDaniel, Rowena E., T	Ocoee
Lancaster, Cornelia M., T	Kissimmee	McDearmid, Maxine (Mrs.),	Tampa
Land, Ina J. (Mrs.), T	Mayo	MacDonald, Elsie M. (Mrs.), T	Tampa
Langsford, Lota B., T	Lake Butler	McDonald, Jackson H., G	Titusville
Lansden, Elizabeth, T	Winter Haven	McDonald, Pauline F., T	New Smyrna
Larowski, Mary, T	Monticello	McDonald, Thelma, T	Wellborn
Larsen, Elizabeth E., T	Jacksonville	McEwen, Maude O., G	Wildwood
Lastie, Kate, T	Cross City	McGarity, Carol V. (Mrs.), T	Ft. Pierce
Lastinger, Samuel T., T	Gainesville	McGoughlin, Florence, T	Miami
Latimer, Christine A., T	Wauchula	McGrath, Blanche B., T	St. Petersburg
Law, Lorene C., T	Gotha	McGrath, Ethel B., T	St. Petersburg
Ledbetter, Clara B., T	Coleman	McInnis, Sam W., G	O'Brien
Lee, Arrie L., T	Alva	McIntosh, Clyde A., A&S	Dowling Park
Lee, Edna J., T	Dade City	McKeown, Maxwell B., T,	River Junction
Lee, Frank A., T	Gainesville	McKinnon, Christine L., T	Jacksonville
Lee, Mary L., T	Palm Valley	McKnight, Ruby R., T	Leesburg
Lee, William I., T	Munson	McKeone, Ruth, T	McIntosh
Lee, W. S. (Mrs.), T	Munson	McLane, Ralph M., L	Pensacola
Leer, James V., A&S	St. Augustine	McLendon, Altha L., T	Jacksonville
Leitner, Almena, T	Kissimmee	McLendon, Ida R., T	Jacksonville
Leonard, Mildred P. (Mrs.), T,	Gainesville	McLeod, Elsa May, T	Bradenton
Leonard, Sam A., T	Blountstown	McLeod, Wallace L., A&S	Aucilla
Leto, Aurora, A&S	Tampa	McLin, Vivian, T	Tampa
Levey, Bernard F., T	Pensacola	McLucas, Leonard L., T	Sanford
Limbaugh, Bessie M., T	Williston	McMakin, Dorothy P., T	Orlando
Lindsey, Mae, T	West Bay	McMillan, Ann A., T	Gainesville
Linebaugh, Francis M., A&S	Tampa	McMullen, Daniel G., T	Lee
Lipscombe, M. B., T	Jacksonville	McMullen, Harry E., G	Clearwater
Litherland, Edna M., T	Ocoee	McMullen, Kenneth S., Ag	Madison
Little, Jesse L., C&J	Columbus, Ga.	McNatt, John M., L	Gainesville
Little, Sara, T	Grand Island	McRae, Anderson C., T	Chipley
Lloyd, William F., T	Tampa	McRae, Bernice A., T	Palatka
Lohrano, Jack R., L	Centerville	McRae, Marguerite, T	Tampa
Long, Clarice M., T	Tampa	McWilliams, Lauren E., T	Frostproof
Long, Hazel V., T	Orlando	Macey, Kate L., T	Orlando
Long, Harris C., T	High Springs	Mahaffey, J. P. (Mrs.), T	Vidalia, Ga.
Long, Mary G., T	Marion, Ala.	Mahone, John T., T	Jacksonville
Long, William G., T	East Point	Mahony, Elizabeth A., A&S	Leesburg
Lopez, Minnie A. (Mrs.), T	Tampa	Mahorner, Bernard T., L	Inverness
Lord, Annie B. (Mrs.), T	Orlando		

<i>Name and Classification</i>	<i>Address</i>	<i>Name and Classification</i>	<i>Address</i>
Mallory, Gladys V., T	Wellborn	Moore, Winona S. (Mrs.), T	Daytona Beach
Mallory, Naomi, T	Wellborn	Moorman, John Haynes, T	Leesburg
Malphurs, Helena L. (Mrs.), T	—West Palm Beach	Morgan, Arull L., G	Mayo
Mann, Don T., G	Reddick	Morgan, J. W., T	Mayo
Marks, Charles A., T	Gainesville	Morgan, Lillian C., T	Micanopy
Marchburn, C. B. (Mrs.), T	Lake Butler	Morgan, Louise, T	Gainesville
Martin, Mae Belle, T	Sarasota	Morrey, Pattie M. (Mrs.), T	Orlando
Martin, Maude Rock, T	Jacksonville	Morris, O. D., T	Gainesville
Martin, Memory, G	Gainesville	Morrow, Albert R. (Mrs.), T	Madison
Martin, Olive F., T	Orange City	Morrow, Albert R., G	Madison
Martin, Roe M., T	Gainesville	Morse, Gladys A., T	Perry
Martin, Swan, T	Gainesville	Moses, Judson E., G	Greensboro
Mashburn, Mansel M., T	Blountstown	Moulton, Ruth, G	Parrish
Massengill, Joseph W., T	Alachua	Moyer, Martin H., L	Ft. White
Massey, Euda, T	New Smyrna	Muller, Adelaide, T	Oxford
Massey, Hollis, L	Gainesville	Mullins, Arlen A., T	DeSoto City
Matheny, Candler C., T	Madison	Munn, Luellen, J. (Mrs.), T	Miami
Mathews, Eulalie V., T	Key West	Murphree, Claude L., G	Gainesville
Mathews, Emily E., T	Jacksonville	Myers, Bernice C. (Mrs.), G	Gainesville
Mathews, Lucil W. (Mrs.), T	Palmetto	Myers, Ida (Mrs.), T	Ojus
Mathews, Melba M., T	Ponce de Leon	Myers, Minnie May (Mrs.), G	Rockledge
Mathews, Thomas D., A&S	Alachua	Mynchan, Margaret M., T	Jacksonville
Maxwell, Thelma I., T	—Green Cove Springs	Myres, Frank K., T	Gainesville
May, Myree H. (Mrs.), T	Miami	Napier, Homer A., T	Altha
Mayo, Gertrude, C&J	Summerfield	Nash, Viola E., T	Jacksonville
Meadows, Claire, T	Citra	Naugle, Mary H., T	St. Petersburg
Mears, John M., T	Cypress	Neck, Helen May (Mrs.), T	Palatka
Mears, George H., G	Cypress	Nelson, Melvin W., L	Tampa
Mehlman, George B., C&J	Jacksonville	Newcome, Ed, T	Ocala
Meitin, Ruth, A&S	Orlando	Newell, Laura L., T	West Palm Beach
Menneken, Carl E., A&S	Miami Beach	Newell, Mary G. (Mrs.), T	New Smyrna
Menneken, Jessie W. (Mrs.), A&S	—Coral Gables	Newlan, Senie E. (Mrs.), T	Perrine
Merbler, Adam A., T	Pensacola	Newsom, Edward C., A&S	Jacksonville
Merryman, Anna J., T	DeLand	Newton, Sjeldon M., A&S	Jacksonville
Messer, Viola A., T	Perry	Newton, Laura A., T	Winter Garden
Metcalf, Willie A. (Mrs.), T	Gainesville	Newton, Nelle E., T	Live Oak
Micjle, Louise H., T	Tavara	Nichols, Wesley W., T	Gainesville
Mikell, William Owen, C&J	Olustee	Nickerson, Bernice M., T	Lakeland
Miller, Charles, T	Jacksonville	Nininger, Mary E., A&S	Ft. Myers
Miller, Clara P., G	Chattahoochee	Niswonger, Edith, T	Tampa
Miller, Dorothea V., A&S	Winter Haven	Nolan, James H., T	Jacksonville
Miller, E. H., T	Melbourne	Nolle, Maude C. (Mrs.), T	Jacksonville
Miller, Evelyn, T	Sarasota	Norfleet, Paul J., A&S	Newberry
Miller, George A., G	Mifflintown, Pa.	Norman, Grover C., Ag.	Starke
Miller, Jack, A&S	St. Petersburg	Norman, Mary J., T	Jacksonville
Miller, Laura B. (Mrs.), T	Bradenton	Norton, Bessie A., T	Panama City
Miller, Mattie Belle, T	Leesburg	Oberholtzer, Fay B. (Mrs.), T	Leesburg
Miller, Robert, T	Dowling Park	O'Bryant, Violet, T	Oxford
Miller, Theodore W., T	Gainesville	Odell, Winifred D., T	Oxford
Milligan, Marcella, T	Jacksonville	O'Donald, Ed Todd, A&S	Jacksonville
Millnor, Mary E., G	Madison	O'Hara, Emma, T	Gainesville
Milton, Augusta G., T	Macclenny	O'hara, Marvin, T	Live Oak
Milton, William H., T	Macclenny	O'Hara, Milbrey E., T	Ellaville
Minnis, Margaret E., A&S	Augusta, Ga.	Olson, Clara M. (Mrs.), G	Gainesville
Minor, Leonidas C., T	St. Petersburg	Otte, Burton John H., G	Gainesville
Minton, Eunice L., T	Palatka	Otzs, Eunice A., T	Madison
Mitchell, Horace-F., T	Live Oak	Overhultz, John N., T	Gainesville
Mitchell, Jean O., T	Gainesville	Overhultz, Mildred E., T	Oxford
Mizell, Caroline G. (Mrs.), T	Gainesville	Padgett, Faith F., T	Mayo
Mizelle, Russie Mae, T	Live Oak	Palmour, Charles E., T	Anthony
Mobley, Gordon S., C&J	Jacksonville	Parker, Henry C., T	High Springs
Model, Jack, L	Gainesville	Parnell, Gwendolyn, T	Ft. Lauderdale
Moon, Leland W., G	Altha	Parrish, Jocie, T	Ocala
Moon, Robert C., T	St. Andrews	Parrish, Susie E., T	Parrish
Moore, Francis E., T	Anthony	Parrish, Will (Mrs.), T	Parrish
Moore, Hazel L., T	Madison	Parrott, Ernest M., G	Gainesville
Moore, Leonidas C., T	Jacksonville	Parrott, Rachel A. (Mrs.), G	Gainesville
Moore, Louise D. (Mrs.), T	Clearwater	Parshall, Phillip L., T	Ft. Myers
Moore, Mary K., T	Bartow	Passman, Cora (Mrs.), T	Tice
Moore, Mildred K., T	High Point, N. C.	Peabody, Wright W., A&S	Coral Gables
Moore, Myrtle A., A&S	Huntington	Peacock, J. Troy, T	Marianna
Moore, Natalie, T	Ft. Lauderdale	Pearson, James L., A&S	St. Petersburg
Moore, Sarah Alice, T	Lake City	Pearson, Seibert C., A&S	Alachua
Moore, Sue Marvin (Mrs.), T	Anthony	Pearson, Vera, T	Miami
		Peek, H. E., T	Jacksonville
		Peek, Mary E. (Mrs.), G	Jacksonville

<i>Name and Classification</i>	<i>Address</i>	<i>Name and Classification</i>	<i>Address</i>
Peel, Henry, G	Gainesville	Reuben, Vestor M., A&S	Coral Gables
Pence, Leland H., A&S	Orlando	Revell, Beulah E., T	Wauchula
Pendergrass, Sanford H., T	Gainesville	Revels, Bethel H. (Mrs.), T	Triby
Pennington, Mattie B., T	Auburndale	Revels, Fred O., T	Triby
Pentecoth, Ada C., T	Miami	Revels, J. Vernie, L	Florahome
Pepper, William M., Jr., L	Gainesville	Revels, Willie C. (Mrs.), T	Gainesville
Perkins, Carroll, C. G	Jacksonville	Reynolds, Doris E., T	Lakeland
Perkins, Lindsey S., T	Pine Castle	Reynolds, Frederick R., T	Tallahassee
Perloff, Ben, G	Jacksonville	Rhoden, Lola C., T	MacLenny
Perryman, Vivian I., T	Lecanto	Rhoden, Walter R., T	Olustee
Persons, Charles W., G	Havana	Rice, Joseph Davies, C&J	Gainesville
Pert, E. Catherine, G	Miami Beach	Rice, Ora S. (Mrs.), T	Sarasota
Peters, Frank Alma, T	Miami	Rice, William P., A&S	Pensacola
Peters, Paul E., T	Chipley	Richards, Benjamin P., L	Gainesville
Peterson, Dora, A&S	Miami	Richards, James W., Ag	Baker
Phelps, Hazel, T	Webster	Richards, V. L., A&S	Gainesville
Phillips, Carrie J. (Mrs.), T	Tampa	Richardson, Erma, A. T	O'Brien
Phillip, Cecil R., L	Gainesville	Richardson, Leitha J., T	High Springs
Phillips, George W., A&S	Lakeland	Richardson, Lenton, G	O'Brien
Phillips, Grace R., A&S	Orlando	Richardson, Pearl R., T	O'Brien
Phillips, Theresa F. (Mrs.), T	Orlando	Richardson, Vera O., T	O'Brien
Phillips, William S., L	Tampa	Ridenour, Marie J., T	Gainesville
Phillyn, Erroch B., L	Bartow	Rider, A. Leech, G	Tallahassee
Pickering, Rebecca L., T	Jacksonville	Riggins, Catherine, A&S	Tampa
Pickett, Erma May, T	Jacksonville	Ringling, Henry E., C&J	Gainesville
Pickren, Pansy, G	Palatka	Rivers, Carolyn J., T	Palmetto
Pinholster, Delah B., T	Bunnell	Rivers, Genevieve, T	Lake Butler
Pinholster, George D., T	Bunnell	Rivers, Myrtice, T	Green Cove Springs
Pinkston, Gertrude F., T	Jacksonville	Robarts, Frank S., C&J	Largo
Pitts, Richmond K., T	Fink	Robarts, Jessie F., T	Largo
Plank, F. M. (Mrs.), T	Jacksonville	Roberts, Clara L., T	Shady Grove
Platt, Frances Z. (Mrs.), T	Gainesville	Roberts, Gladys, T	Punta Gorda
Platt, Irene S. (Mrs.), T	Boca Raton	Roberts, Jenesse (Mrs.), T	Miami
Platt, William Z., L	Arcadia	Roberts, Julian B., T	Laurel
Pogue, Cyril E., L	Orlando	Roberts, Pansie L., T	O'Brien
Polk, Harriet P. (Mrs.), T	Jacksonville	Roberts, Pearle A., T	Micanopy
Poppell, Edward R., T	Micanopy	Roberts, William F., T	Lake Placid
Poppell, Louise C., T	Clearwater	Robertson, Alleyne R. (Mrs.), A&S	—Gainesville
Poppell, Rubie Mae, T	Starke	Robertson, Isla Mae, T	Live Oak
Portner, Alice R., G	Winter Park	Robertson, William D., A&S	Milton
Potter, William H., T	Vernon	Robinson, Annie B., T	Melrose
Pound, Aubrey James, T	St. Augustine	Robinson, Caroline A., T	Miami
Powell, Stella M., T	Miami	Robinson, Helen (Mrs.), T	Tampa
Prevatt, John P., G	Valdosta, Ga.	Robinson, Nellie May, T	Seville
Price, Joseph E., T	St. Petersburg	Robinson, O. T. (Mrs.), T	Melrose
Price, Mildred C., T	Tampa	Robinson, Reda, T	Melrose
Pridgen, Claude L., T	Waldo	Robinson, Thomas R., G	Tampa
Preister, Harold F., T	Lake Butler	Robinson, Verlie T., T	Milton
Prince, Thomas C., T	Jacksonville	Robinson, William E., T	Palmetto
Pritchard, Rosa V., T	Tampa	Robison, Irma J. (Mrs.), T	Orlando
Pugh, Elizabeth, G	Gainesville	Robson, Lula M., G	Tampa
Purma, Elizabeth J., A&S	Bradenton	Roesel, Tillie, G	Ocala
Purs, Martin H., T	Naples	Rogers, Edra, T	River Junction
Purson, May C. (Mrs.), T	Cocoa	Rogers, E. E. (Mrs.), T	Hastings
Purvis, Ernest R., G	Florence, S. C.	Rogers, Leela D. (Mrs.), T	Wellborn
Quarterman, W. E. (Mrs.), T	Jacksonville	Rollins, DeWitt F., G	Winter Haven
Race, Guy A., T	Bristol	Rollins, Thelma W. (Mrs.), T	—Winter Haven
Rader, Marcia A., T	Bee Ridge	Rooks, Besse G. (Mrs.), T	Williston
Rader, Marcia A. (Mrs.), T	Bee Ridge	Rosenberg, Beatrice, T	Tampa
Rader, Rachel E., T	Lakeland	Ross, Amanda L., T	Valdosta, Ga.
Radinsky, Julia R., T	Vero Beach	Ross, Clarence A., T	Hialeah
Ramsey, Allan Collier, L	Tampa	Rossetter, James W., T	Eau Gallie
Ramsey, James A., T	Bristol	Rountree, Curtis (Mrs.), T	Waldo
Ransone, Ruth, A&S	Valdosta, Ga.	Rowe, Jessie W. (Mrs.), T	New Smyrna
Raulerson, Lois (Mrs.), T	High Springs	Rowe, Julia F., T	Jacksonville
Rawls, Agnes D., T	Jacksonville	Russ, Ashley R., T	St. Petersburg
Rawls, Alene, T	Jacksonville	Russ, Ila C. (Mrs.), T	St. Petersburg
Rawls, Lulu D., T	Gainesville	Sackett, DeLester, T	St. Petersburg
Rawls, Vernon C., L	Gainesville	Safer, Mor Ben, L	Jacksonville
Read, Alice M., T	New Smyrna	Salas, Zoila A., T	Tampa
Read, Anna Laura (Mrs.), T	Jacksonville	Sargent, Eva M. (Mrs.), T	Oak Hill
Read, Helen M., T	Jacksonville	Sarns, Charles L., T	Largo
Reagan, Elizabeth (Mrs.), T	Elfers	Sarra, E. LaMar, L	Pensacola
Redding, Robert Louis, A&S	Orlando	Sarra, Howland A., T	Pensacola
Reed, Harriet B., T	Jacksonville	Sasnit, Henry H., A&S	Jacksonville
Reeves, Arabelle, T	Williston		
Rencher, Mamie Lee, T	Winter Park		

<i>Name and Classification</i>	<i>Address</i>	<i>Name and Classification</i>	<i>Address</i>
Saunders, Harold R., G	Pine Castle	Smith, Daisy Rae, T	Tampa
Savage, Charlotte K., T	Lake Butler	Smith, David Clair, L	Wabasso
Scally, Gertrude, T	Ybor City	Smith, Donald W., A&S	Gainesville
Scarborough, Stella, T	Sarasota	Smith, Dorothea H., T	Gainesville
Scarborough, Georgia, T	Orlando	Smith, Edmond R., T	Okeechobee
Schindler, Errah D. (Mrs.), T	Tampa	Smith, Elizabeth B., T	St. Petersburg
Scholze, Robert E., L	Miami	Smith, Elizabeth M., T	Tampa
Schwartz, Dan R., C&J	Jacksonville	Smith, Eula S., T	O'Brien
Schwartz, Harold C., C&J	Jacksonville	Smith, Fannie Forrester, T	Miami
Sciutti, Walter J., G	Jacksonville	Smith, Fannie Olivia, T	Winter Haven
Scofield, Joe W., L	Clearwater	Smith, Glenn C., G	Ft. Lauderdale
Scott, Felton W., A&S	Lucerne Park	Smith, Heyburn D., T	Oneco
Scott, Kathryn V., T	St. Petersburg	Smith, Horace L. (Mrs.), T	Ocala
Scruggs, Ann, T	Aucilla	Smith, J. Wallace, T	Wauchula
Sears, Emily, T	Ocala	Smith, James Emery, G	Cypress
Seay, Margaret, T	Gainesville	Smith, Leola, T	Palatka
Sellers, Linda F., T	Wauchula	Smith, Louise, T	Williston
Semmes, Sarah H., T	Tampa	Smith, Louise A. (Mrs.), T, Ft. Lauderdale	Ft. Lauderdale
Sensabaugh, Effie R., T	Winter Haven	Smith, Luell L., T	Dunnellon
Settle, Lucy B., G	Gainesville	Smith, Maeselle, T	Midland City
Sewell, Robert O., A&S	Gainesville	Smith, Marian M. (Mrs.), T	Gainesville
Shaw, Bertha M. (Mrs.), T	Raiford	Smith, Morring, W., T	Parrish
Shaw, Essa D. (Mrs.), T	Clearwater	Smith, Nellie M. (Mrs.), T	Gainesville
Shaw, Fannie B., T	Jacksonville	Smith, Susie C., T	Middleburg
Shaw, Jeanette, A&S	Gainesville	Smith, Wilma, T	Orange
Shaw, William Henry, G	Raiford	Smith, Zerlyne, T	Miami
Sheppard, Joe E. (Mrs.), T	Eustis	Smysor, Paul A., L	Gainesville
Sheridan, Edna M., T	Clearwater	Snow, Thomas A., A&S	Gainesville
Shimp, Robert C., G	Jacksonville	Snyder, Harry M., C&J	St. Augustine
Shine, Helen J. (Mrs.), T	Tampa	Solomons, Louise M. (Mrs.), T	Perry
Sireman, Hazel P., T	Jennings	Sparkman, Agnes, T	Port Orange
Shiver, Gladys M., T	Palm City	Spence, Maude, T	Largo
Shotwell, Florence, T	Tampa	Sproull, Katherine F., T	Jacksonville
Shoun, Herbert S., T	Hosford	Stafford, Bessie M., T	Tampa
Shuler, Goldie I., T	Hosford	Standley, Graynella E., T	Gainesville
Shuler, Jay A., L	Lakeland	Stanford, Bessie L., T	Arcadia
Shumate, Elizabeth F., T	Geneva	Stanford, Miriam O., T	Ocoee
Siege, Mayme (Mrs.), T	Geneva	Starnes, Finis E., L	Ft. Myers
Sieg, Willie L., T	Graadin	Steele, Rea (Mrs.), T	Panama City
Sikes, Annie F. (Mrs.), T	Palmetto	Steen, Vernon C., G	Gainesville
Sikes, Cora V., T	Palmetto	Stephens, James H., T	Ona
Sikes, Grace O., T	Sylvester, Ga.	Stephens, William H., G	Apopka
Sikes, Robert F., G	Gainesville	Stevens, Grace A. (Mrs.), T	Jacksonville
Silksby, Harry Z., A&S	Hartford, Ala.	Stevens, William D., T	Jacksonville
Simmons, Milton, T	Harrisville, W. Va.	Stewart, Annie Belle, G	Tampa
Simmons, William A., T	Jacksonville	Stewart, Evelyn K., T	Kissimmee
Simpson, Arthur Allen, T	Tampa	Stewart, Jessie (Mrs.), T	Eau Gallie
Simpson, Martha H., T	Brantford	Stewart, Lloyd D., G	Alva
Sims, Leona V., T	Wauchula	Stine, M. Frances (Mrs.), T	Oviedo
Sinclair, Lila G., T	High Springs	Stivender, Minerva D., T	Leesburg
Singletary, Baulah J., T	Kissimmee	Stokes, Lillian A. (Mrs.), T	—West Palm Beach
Singletary, George L., C&J	Orlando	Stone, M. L., G	Blountstown
Sister, Agatha, T	—Tampa (Ybor City)	Stone, Ruby Allene, T	Live Oak
Sister, M. Augustine, T	Jacksonville	Stone, Wilbur Charles, L	St. Petersburg
Sister, M. Boniface, T	St. Augustine	Stoney, William S., G	Gainesville
Sister, Mary Norberta, T	St. Augustine	Story, Laura N. (Mrs.), T	Clearwater
Sister, M. Rose de Lime, T	Jacksonville	Suggs, Maude T. (Mrs.), T	O'Brien
Sister, M. Thecla, T	St. Augustine	Summers, Adolphus E., L	High Springs
Sister, M. Tjeophane, T	Jacksonville	Summer, Ouida O., T	Trenton
Sister, M. Vincent, T	St. Augustine	Swain, Allie L. (Mrs.), T	Oak
Sister, St. Andrews, T	Jacksonville	Swearingen, Millicent, T	Gainesville
Skinner, Alfred O., T	St. Augustine	Sweat, Evelyn, T	Mulberry
Sledge, Mildred C., T	Cocoa	Sweat, Grace H. (Mrs.), T	Wimauma
Sloan, Wincie M., T	Jacksonville	Sweat, Samuel David, T	O'Brien
Slocum, Edna W., T	Jacksonville	Sweat, Thomas W., T	Live Oak
Slope, Evelyn A., T	Branford	Sweet, Margaret L., T	Jacksonville
Slough, Sam O., Ag	Ocoee	Swope, Sarah E., T	Orlando
Smedley, Mayme E., T	Dade City	Syfrettm, Jesse M., T	Vernon
Smedley, William G., T	DeLand	Sylvester, Anita M., T	Alva
Smiley, Rosila M., T	Jacksonville	Tanner, Emme P. (Mrs.), T	Baldwin
Smiley, Russel Glen, L	St. Petersburg	Taylor, Andy D., T	Tampa
Smith, Cecil Lee, T	St. Petersburg	Taylor, Callfrey W., C&J	Plant City
Smith, Chloe (Mrs.), T	Dade City	Taylor, Inez E., T	Macclenny
Smith, Christine, T	Oxford	Taylor, Maurice E., T	High Springs
Smith, Clarice Y. (Mrs.), T	Oxford	Taylor, Maurice E. (Mrs.), T	High Springs
	Jacksonville	Taylor, Nana Anne, T	Howey in the Hills

<i>Name and Classification</i>	<i>Address</i>	<i>Name and Classification</i>	<i>Address</i>
Tedder, Warren Louis, L	Live Oak	Wallace, Howard K., T	Gainesville
Tenly, Frances, T	Gainesville	Wallace, Sam D., L	Gainesville
Tenney, A. Webster, T	Gainesville	Ware, Mary P. (Mrs.), G	Miami Beach
Terry, Berdiece Mae, T	Branford	Warner, Lena Mae, T	Live Oak
Terry, Erma Gene, T	Gainesville	Warnock, Elizabeth A., T	Inverness
Terry, Helen M. (Mrs.), G	Hialeah	Warren, Bertha, T	Palmetto
Terry, Robert Henry, G	Hialeah	Warren, Frances V., T	Lakeland
Thaden, Zona G., G	St. Petersburg	Warren, Lottie E., T	Clearwater
Thomas, Alyne, T	Macclenny	Warren, Richard, T	Gainesville
Thomas, Elma, T	Green Cove Springs	Warriner, Agnes, T	St. Petersburg
Thomas, Harvey Lee, T	Tallahassee	Wasdin, Gladys (Mrs.), T	Graham
Thomas, John Henry, A&S	Gainesville	Wasdin, John Alvin, T	Graham
Thomas, Margaret O., A&S	Gainesville	Wasson, Lacy F. (Mrs.), T	Ocala
Thomson, Blair, T	Gainesville	Waters, Dale B., T	Gainesville
Thomson, Lucretia D., T	Gainesville	Waters, John D., Ag	Muscogee
Thompson, Annis C. (Mrs.), T	Oviedo	Watkins, Caroline (Mrs.), T	Micanopy
Thompson, H. S. (Mrs.), T	Kenansville	Watkins, Jin, C&J	Gainesville
Thompson, H. S., T	Kenansville	Watkins, Lillian Letitia, T	—Green Cove Springs
Thompson, Laudious L., G	Panama City	Watkins, Stacia G., T	Ft. Myers
Thompson, Mildred V., T	Macclenny	Watrous, Thomas M., L	Tampa
Thompson, P. J. (Mrs.), G	Gainesville	Watson, Nannie, T	Tampa
Thompson, Pierce J., T	Gainesville	Watson, Ray M., L	Miami
Thorp, Mamie L., T	Tampa	Watson, True, T	Inverness
Thorpe, Marion Janet, T	Manatee	Watson, Wilma Ruth, G	Gainesville
Thursby, Maude A., T	Orange City	Waugh, Joseph E., A&S	Gainesville
Tierney, Charles J., T	Ft. Myers	Weatherford, Bersa V., T	—Zolfo Springs
Tillman, Aris I. (Mrs.), T	Campville	Weaver, Ava Stout, T	Boynton
Tillson, Virginia (Mrs.), T	St. Augustine	Weeks, Howell Tucker, T	Trenton
Timmons, Alma (Mrs.), T	Gainesville	Weeks, Katie B., T	Newberry
Tipton, Mary Luella, T	Tampa	Weeks, William T., T	Newberry
Todd, J. O., C&J	Gainesville	Weisner, John T., T	Waldo
Tolbert, Agnes R., T	Greenwood, S. C.	Weissinger, Lillian A., T	Orlando
Tomyn, William, T	Winter Garden	Welch, Mildred V., T	Arcadia
Tooke, Maomi R., T	Cedar Key	Welles, Gurdon H., T	Miami
Touchton, May L., A&S	White Springs	Welling, Frederick A., C&J	Babson Park
Tower, John B., A&S	Homestead	Wells, Evelyn J., T	Eureka
Towles, Alton M., L	Crawfordville	Wells, Idella (Mrs.), T	Sarasota
Towles, Emma P. (Mrs.), T	Fulford	Wells, Idella Ellen, T	Sarasota
Trapnell, Ouida Lou, T	Stuart	Wells, Lilian J., T	Largo
Trask, Dollie Ray, G	Highland City	Wells, Martha E., T	Jacksonville
Tribolet, Mois Glenn, T	Gainesville	Wende, Agnes C., T	Havana
Trimble, Anna B. (Mrs.), T	High Springs	Wentworth, A. H. (Mrs.), T	Carbur
Trogon, Richard Page, T	Melbourne	West, Gladys W., T	Dover
Trotman, Warren E., T	Port Tampa City	West, Grace S., T	Ocoee
Troxler, Walter Garret, L	Ocala	West, Maude E., T	Hartsville
Truste, Charles W., T	Waldo	West, Sara V. (Mrs.), T	Tarpon Springs
Turner, Edward E., L	Stuart	West, Thomas F., L	Ft. Myers
Turner, Evelyn, T	Arcadia	Westbrook, Zenith A. (Mrs.), T	Clermont
Turner, E. P., T	Trenton	Westbury, Harry E., T	Gainesville
Turner, G. Fred, T	Pineland	Westbury, Smith D., G	Concord
Turner, Lide Jane, T	Lecanto	Weston, Mary E., C&J	Gainesville
Turner, Nell E., T	Coleman	Wetherington, Rose I., G	Newberry
Tyler, Julia Colson, T	Jacksonville	Wetherington, Tullie S., G	Newberry
Tyree, Annie Mae (Mrs.), T	—Tampa Shores	Wheeler, Addie B., T	Ft. White
Underhill, Marion Reeves, C&J	—Barberville	Wheeler, Evelyn L., T	Oviedo
Upham, Harriet R., T	Kissimmee	Wheeler, Isabel S. (Mrs.), T	Miami
Upton, Ruth N., T	Jacksonville	Wheeler, Joseph A., T	Miami
Van Antwerp, Marie E., T	Tampa	Wheeler, Joseph Drew, G	Ft. White
Van Sickle, Dale H., T	Gainesville	Wheeler, Nora (Mrs.), T	Penney Farms
Van Slyke, Mary L. (Mrs.), T	—Jacksonville	Whetstone, Mary E., T	Palm Harbor
Varn, Zelda Ella, T	Sanford	Whitaker, Dorothy M., T	Ocoee
Vassie, Abbie, T	Mulberry	White, Arthur R., Ag	Penney Farms
Vassie, Margaret B., A&S	Mulberry	White, Ruth, G	Gainesville
Vaughn, Joseph E., T	Ocoee	Whitehead, Noma, T	Milton
Vaughn, Mary H., T	Jacksonville	Whitehead, Rosa Mae, T	Tampa
Vecher, Iva C., T	Coral Gables	Whitehead, Ruth H., T	Hollister
VeVerka, Richard D., T	Bradenton	Whitelaw, Ione, T	Floral City
Waddy, Talitha E., T	Elfers	Whittam, Benjamin, C&J	Gainesville
Waits, Zell, T	Ocoee	Whittle, Clennie E., T	Clearwater
Waldron, Nellie E., A&S	Bradenton	Wicker, Emma D. (Mrs.), T	Coleman
Walker, Powell W., T	Olga	Wike, Delora H., T	Boynton
Walker, Shade Wilson, L	Sanford	Wilkins, James A., T	Ft. Green
Walker, Solomon Lloyd, T	Perry	William, Lilly M., T	Dunnellon
Walker, Thomas S., G	Everglades	Williams, Angelo D., G	Gainesville
		Williams, Charles M., G	Trenton

<i>Name and Classification</i>	<i>Address</i>	<i>Name and Classification</i>	<i>Address</i>
Williams, Edwin L., T	Williston	Wolfe, Rosa E., T	Macclenny
Williams, C. M. (Mrs.), T	Trenton	Woodard, Willie M., T	Gainesville
Williams, Grace J. (Mrs.), T	Williston	Woodcock, Frank B., T	Jacksonville
Williams, Hettie R., A&S	Perry	Woods, Bertha J., T	Bowling Green
Williams, John F., G	Tallahassee	Woodruff, Hiram T., G	Louisville, Miss.
Williams, John W., T	Fairbanks	Woodward, William E., L	Quincy
Williams, Kenneth R., G	Monticello	Woodwell, Ruth Adams, T	Madison
Williams, Maxine F. (Mrs.), T	Gainesville	Wooten, J. D., T	DeFuniak Springs
Williams, Norman E., A&S	Seville	Wright, Beulah, T	Gainesville
Williams, Richard S., C&J	Tampa	Wright, Beulah, T	Sharon
Willis, Claudelle, T	New Smyrna	Wright, Shelly K. (Mrs.), T	Lem Turner
Willis, Flora B. (Mrs.), T	Titusville	Yawn, Cecil P., T	Graceville
Wilson, Horace S., L	Gainesville	Yawn, Maude J. (Mrs.), T	Tampa
Wilson, Mary H. (Mrs.), T	Gainesville	Yon, Flora, A&S	Gainesville
Wilson, Norma E., T	—Green Cove Springs	Yon, Sally, A&S	Gainesville
Wilson, Odessa M., T	Jacksonville	Yongue, Elva A., T	Reddick
Wilson, Verne Edmond, A&S	—Hettinger, N. Dak.	Yongue, Leila O. (Mrs.), T	Fairfield
Wilson, Verta P., T	Tampa	York, Velta F. (Mrs.), T	Jacksonville
Wingate, Adna Q., T	Gainesville	Youmans, Hilda, T	Webster
Winter, T. P., G	Oakland	Young, Lula E., T	Bushnell
Withess, Aubrey V. (Mrs.), T	Trilby	Youngblood, Lillian F., T	Parrish
Wohl, Anna J., T	Tampa	Yowell, Emma, T	Kissimmee
		Zetrouer, Horrace F., G	Rochelle

STUDENT ROLL

Regular Session 1929-1930

The classification of students is indicated by the following abbreviations:

AB or BS—College of Arts and Sciences; Ag—College of Agriculture; BA—College of Commerce; ChE—Chemical Engineering; CE—Civil Engineering; J—Journalism; E—College of Engineering; EE—Electrical Engineering; A—Architecture; G—Graduate School; L—College of Law; ME—Mechanical Engineering; P—College of Pharmacy; PM—Pre Medical; T—Teachers College; 1, 2, 3, 4—First, Second, Third and Fourth years, respectively; 5—Adult Special Students.

<i>Name and Classification</i>	<i>Address</i>	<i>Name and Classification</i>	<i>Address</i>
Abbott, Richard E., 1BS	Gainesville	Anderson, Harry L., 1 BA	Lake Wales
Adams, Clayton L., 1 AB	Jacksonville	Anderson, L. V., 1 P	Bronson
Adams, Charles R., 2 BA	Hastings	Anderson, Oliver W., Jr., 2 Ag	Dade City
Adams, Gordon S., 4 J	Gainesville	Anderson, Robert Thornton, 1 BA	—Gainesville
Adams, John F., 2 EE	Jacksonville	Anderson, Thomas E., 3 BA	Jacksonville
Adams, Jean S., 2 BS	Sanford	Anderson, Wallace, 1 AB	Tampa
Adams, LeRoy, 2 AB	White Springs	Anderson, William F., 2 L	Orlando
Adams, Mark E., 4 BS	Jacksonville	Andreas, Robert A., 3 AB	—New Philadelphia, Ohio
Addison, Joe G., 2 PM	Punta Gorda	Andrews, Byron K., 1 T	—Green Cove Springs
Adclson, Dave E., 2 BS	Tampa	Andrews, Charles L., 4 T	Darlington
Adkins, Albert W., 1 BS	Daytona Beach	Andrews, Charles, 1 AB	Tallahassee
Abrano, Fritz Wm., 1 BS	Tampa	Andrews, Francis L., 1 BA	Pensacola
Abrano, Jean P., 3 BA	Tampa	Anglin, Edgar E., 2 T	Bunnell
Air h, Alfred T., 3 L	Live Oak	Anthony, Henry D., 4 BA	Jacksonville
Akerman, Joseph H., 1 E	Clearwater	Anthony, James R., 3 BA	Jacksonville
Akerman, William Y., 1 BS	Orlando	Appleget, Roy Max, 1 BS	Miami Beach
Akin, Elisha G., 1 L	Kissimmee	Arango, Joe L., 1 T	Tampa
Akridge, Wm. G., 3 L	Cocoa	Archibald, Frank J., 1 T	Sarasota
Albritton, Robert E., 2 BS	Mulberry	Archibald, Robert B., 1 L	Jacksonville
Alderman, Laurie, 1 PM	Melrose	Armstrong, Leo H., 2 CE & 3 T	Manatee
Alexander, Thomas, 2 L	Tampa	Armstrong, Noble E., G	Melbourne
Alexander, Tom Ley, 3 AB & 3 T	Tampa	Arnett, William T., G	Clermont
Algee, Luciano S., 1 BS	Orlando	Arnold, John R., 2 BS	Jacksonville
Allen, J. W., 4 BS	Gainesville	Arnold, Laurie J., 3 T	Lake City
Allen, Ralph F., 2 PM	Milton	Arnold, Lillian E., G	Gainesville
Allshouse, Walter E., 1 PM	Miami	Arnow, Carlton C., 2 L	Hawthorn
Allison, H. L., 1 BS	Tampa	Arnow, Leslie E., 4 P	Gainesville
Alonso, Wesley J., 2 P	Gainesville	Arnow, Matthew M., 1 PM	Hawthorn
Altman, Robert D., 5 T	Wauchula	Arnow, Robert E., 4 CE	Hawthorn
Altwies, Arthur F., 1 BA	Tarpon Sprgs.	Arnow, Winston E., 3 BA	Gainesville
Ames, Burton W., G	Loughman	Ash, Robert L., Jr., 2 AB	—Tarpon Springs
Amos, John E., 4 BA	Tallahassee	Ashkenazy, Irving, 2 J	Tallahassee
Amrein, Werner C. E., 4 A, St. Petersburg	St. Petersburg	Ashmead, Albert, 1 BA	So. Jacksonville
Anchors, Garner B., Jr., 2 ChE	Niceville	Ashmead, Forrest G., 4 BA	—So. Jacksonville
Andersen, Hans O., 3 Ag	Pierson		
Anderson, Arthur L., 2 L	Tampa		
Anderson, Frank N., 3 BA	Gainesville		
Anderson, Frank Spencer, 4 P	—Richmond, Va.		

Name and Classification *Address*

Asson, Thomas M., 5 T New Egypt, N. J.
 Atkins, George W., 3 T & 1 L
 —Blountstown
 Attanasio, John B., 1 BA Monticello
 Augat, John G., 2 BS Attleboro, Mass.
 Ausley, Charles S., 3 L Tallahassee
 Austin, Marion F., 2 Ag Leesburg
 Avera, William D., 1 J Gainesville
 Axtell, Reginald R., 2 L Jacksonville
 Ayres, Fred D., G Gainesville
 Ayres, James L., 1 BA Brooksville
 Ayres, Willard W., 2 T Miami
 Babcock, Claude G., 3 BA Key West
 Bakers, Henry J., 1 PM Gainesville
 Bachman, Chas. L., 1 BA
 —Port Tampa City
 Bacon, Milton E., 1 J Ortega
 Baer, Allan O., 3 BA Indianapolis, Ind.
 Baer, Robert H., 1 BA Miami Beach
 Bagby, Logan H., 1 BA Miami
 Bailey, Lester P., 3 BA Coral Gables
 Bailey, Wilfred G., 3 L Port Richey
 Baisden, William S., 1 BS Live Oak
 Baker, Harry K., 1 J Washington, D. C.
 Baker, Ira L., 2 T Delray Beach
 Baker, James N., 1 E Campville
 Baker, Robert B., 2 EE Hawthorn
 Baldwin, Donald M., 3 BS Jacksonville
 Baldwin, Hildreth C., 1 L
 —Port Tampa City
 Baldwin, James C., 2 BS Chipley
 Baldwin, Lloyd L., 4 BS Miami
 Bannerman, Robert C., 3 CE Tallahassee
 Baque, Frank III, 2 BA Miami
 Barber, Frederick Wm., 1 Ag Pensacola
 Barber, Merrill P., 2 AB Vero Beach
 Barber, Walter L., 2 T Sanford
 Barfield, Randall W., 1 BS Jacksonville
 Barker, Albert E., Jr., 1 L Jacksonville
 Barker, Howard, 2 T Ft. Meade
 Barker, John S., 3 T Miami
 Barksdale, George E., 1 BS Tavares
 Barned, Merle O., G St. Petersburg
 Barnes, Edwin A., 1 E Kissimmee
 Barnes, Ferris F., 1 BS Titusville
 Barnes, Merlin C., 1 L Sanford
 Barnett, Lucian P., 2 EE
 —Tarpon Springs
 Barnhill, Wm. B., 5 Ag Gainesville
 Barnum, John M., 2 AB Miami
 Barrineau, James A., 3 Ag Gonzalez
 Barrow, David C., 2 BS & 1 E
 —DeSoto City
 Barshell, Frederick H., 3 T Avon Park
 Bashaw, William N., 4 AB Gainesville
 Bass, Clyde, 1 Ag Live Oak
 Bass, Clayton C., 2 L Live Oak
 Bass, Joe, 4 BA Tampa
 Bassett, Lloyd R., 4 EE, Waterville, N. Y.
 Batchelor, Bruce A., 1 BS Homestead
 Batchelor, Donald L., 1 PM Akron, O.
 Batteen, Earl Reynolds, 1 E Tampa
 Bauer, George F., 2 Ag Warrington
 Baxter, John F., 1 T Gainesville
 Beach, George M., 2 PM Hastings
 Beachem, Joe Wm., 4 CE, Anastasia Island
 Beasley, Clarence W., 2 T Gainesville
 Beasley, Ivy E., 3 T Umatilla
 Beasley, Robert G., 4 EE Umatilla
 Beck, George V., 1 BS New Smyrna
 Beckman, William W., 3 BS, St. Petersburg
 Bedsole, Malcolm R., G Graceville
 Peers, Meril S., 1 BS Wabasso
 Beeson, William B., 1 AB Wauchula
 Beggs, Elmore D., 1 L Pensacola
 Feldner, Leonard K., 2 T Miami
 Bell, Charles E., G Gainesville

Name and Classification *Address*

Fell, Frederick V., 1 AB Sanford
 Bell, Harry H., 1 BA Pass-a-Grille
 Bell, Stuart Craig, 2 Ag Barberville
 Bell, Tom D., 2 EE Arcadia
 Bell, Walter B., 3 BA Daytona Beach
 Bell, William B., 1 BS Daytona Beach
 Bendle, Harold Wright, 2 BA Miami
 Bennett, Charles E., 2 BS Tampa
 Eennett, Montre P., 1 T Bushnell
 Bennett, Robert B., 3 ChE Tampa
 Benton, Felix, 3 A Tampa
 Berardo, S. Thomas, 2 T
 —New York City, N. Y.
 Berk, Isadore B., 1 BA Jacksonville
 Berlack, Laurence H., 3 BA Jacksonville
 Berner, L. W., 3 ME Sanford
 Bernst, Armand F., 1 AB Ft. Lauderdale
 Berry, Flournoy J., 2 BS & 2 T Pierce
 Berry, Raymond A., 1 PM Cedar Keys
 Berryhill, Tom O., 2 L Ft. Lauderdale
 Bless, Henry A., G Midland City, Ala.
 Best, Paul A., 5 Ag West Palm Beach
 Bethea, LeRoy, 2 T Columbus, Ga.
 Beville, James W., 1 E Gainesville
 Bevis, Harold Wayne, 1 BA Quincy
 Biddle, Homer Monroe, 1 BA
 —Green Cove Springs
 Bigger, William E., 1 BS Pensacola
 Biggers, Willard B., 2 BS Miami
 Bilinski, Leo Max, 1 Ag Monticello
 Bir, George P., 2 BA Huntington, Ind.
 Bird, Frank Carlos, 1 T Greenville
 Bisanet, Oscar M., 1 L Jacksonville
 Bishop, Homer G., 4 Ag Oshkosh, Wis.
 Bishop, John Wilbur, 3 BS Gainesville
 Black, Archibal M., 1 L, Port Huron, Mich.
 Black, Henry T., 1 BA Lakeland
 Black, Kermit L., 4 BA Minneola
 Blackburn, Walter E., G Paducah, Ky.
 Blackwell, Jacob B., 3 BS & 3 T
 —Panama City
 Blair, William S., 2 BA Clearwater
 Blalock, Lewis F., 3 BA Ocala
 Blanchard, Randall H., Jr., 2 BA
 —Winter Haven
 Blanck, Bernard G., 4 BA Miami
 Bleckner, Henry M., 1 J
 —West Palm Beach
 Blicher, Harold M., 1 BS, West Palm Beach
 Blocker, William M., 3 A Tampa
 Bloedel, Raymond A., 4 BA Miami
 Blount, Allen, 1 AB Jacksonville
 Bludworth, W. Howard, 1 BS Argyle
 Bogan, Leslie E., Jr., 4 BA Pensacola
 Bogart, John Alleyne C., 5 CE Tampa
 Boley, Robert C., 3 T Tampa
 Boll, Charles E., 1 BS Ironton, O.
 Bolton, Charles H., 5 ME
 —West Palm Beach
 Bolton, Charlie J., G West Point, Ky.
 Bond, John J., 2 PM Tallahassee
 Bond, Wm. Bours, 3 L Jacksonville
 Bond, Robert M., 1 BA DeLand
 Bondi, Joseph C., 3 BS Tampa
 Bondi, Philip C., 1 BS Tampa
 Bonney, Jesse T., 5 E St. Petersburg
 Bonsteel, Louis S., 3 L Lake Worth
 Boote, Joseph Owen, 4 BA Jacksonville
 Booth, Clyde V., 5 EE Daytona Beach
 Boozer, Elwin C., 3 L, West Palm Beach
 Bostwick, Robert S., 2 EE Jacksonville
 Bostwick, Thomas, 2 EE Jacksonville
 Botts, Ralph R., 2 BA Tampa
 Boudet, Marcel A., 2 Ag Lake Worth
 Bowers, Edward L., 1 T DeFuniak Sprgs.
 Bowers, Robert C., 1 AB Gainesville
 Bowersox, William C., 2 T Cottage Hill

Name and Classification	Address	Name and Classification	Address
Boyce, William H., 2 EE	Sebring	Burgoyne, James C., 1 BA	Pensacola
Boyd, Crowther M., 3 BA	Jacksonville	Burnet, James L., 1 A	Tallahassee
Boyd, John William, 2 BA, Ft.	Lauderdale	Burnham, Ken B., 1 BA	Gainesville
Boyd, Randolph W., 4 T	Jacksonville	Burns, Paul M., 2 P	Graceville
Boyd, Robert W., 4 BA	Orlando	Burton, Louise Screven, 3 Ag	Leesburg
Boyd, William W., 3 EE	Clermont	Butler, Byron N., 2 L	Chipley
Boyette, James A., 1 T	Jacksonville	Eutler, Charles M., 1 BS	Live Oak
boyskin, Risdon L., 1 J	Chattahoochee	Butler, John D., 1 BA	Miami
Boyles, Drew C., 1 Ag	LaCrosse	Butler, Mark D., 4 AB & G	Miami
Boys, Joseph E., 4 BA	Gainesville	Butner, Hugh F., 1 Ag	DeLand
Bradley, Benjamin O., 1 BS	Tallahassee	Butsch, James L., 1 BA	Jacksonville
Bradley, William M., 1 T	Homestead	Eutt, Thomas C., 3 BS	Orlando
Bradner, Wesley M., 1 T	—Bradley Beach, N. J.	Buzzett, John Joseph, 2 P	Apalachicola
Bradshaw, Donald G., 3 BA	Lake Jovita	Byrd, William B., 4 J	Hollywood
Brady, Clyde A., 2 BS & 1 E	Leesburg	Eyrnes, Robert E., 3 BA	Jacksonville
Brand, Fred P., 2 BS	Clermont	Cagnina, Louis D., 1 BA	Tampa
Brandies, Ira W., 2 T	Callahan	Cahoon, William B., 1 BA & T	—Jacksonville
Brannon, William B., 2 L	Lake City	Cain, Thomas L., 4 Ag	Brunswick
Brant, Ishmael W., 1 T	Ocklawaha	Caldwell, John E., 4 ME	Orange City
Brantley, James W., 2 PM	Grandin	Calhoun, Leo Poe, 1 T	Orlando
Brasfield, Herbert G., 2 BA	Clearwater	Calhoun, Paul White, 4 BS	Madison
Braswell, Tom M., 2 T	Monticello	Calihan, Lynn C., 1 AB	Manatee
Brenan, George F., 2 BA	Jacksonville	Calmes, Glenn B., 3 BA, Alexandria, Minn.	
Brennan, Philip K., 2 BA	Delray Beach	Calvert, D. E., 3 L, Newton Hamilton, Pa.	
Brewster, Simon C., 1 Ag	Hilliard	Calvin, William J., 2 BS	Eustis
Brick, Alvert, 1 T	Marianna	Camp, Clarence, 1 Ag	Ocala
Bridges, Paul L., 1 J	Waldo	Camp, Henry N., 3 L	Ocala
Brinkley, Harry J., 2 Ag	Jacksonville	Camp, John P., G	Okeechobee
Brinson, Edison M., 1 BS	Starke	Campbell, Byron F., 3 L	Hilliard
Brooks, Richard L., 2 Ag	Bayshore	Campbell, James T., 2 T	Zephyrhills
Brooks, Robert L., 2 Ag	Montbrook	Campbell, Jean I., 2 EE	Ft. Pierce
Brooks, Roy R., 3 L	Tampa	Campbell, Vernon Geo., 4 CE	Tampa
Brothers, Shelby L., 4 Ag	Reddick	Campbell, William Lambert, 3 T	—Kissimmee
Broward, Clyatt C., 1 E	Jacksonville	Cannard, William J., 1 BS	Archer
Browder, David, 2 T	Leesburg	Caplinger, Edwin E., 2 EE	Homestead
Brown, Charlie A., III, 1 T	Jacksonville	Caraballo, Martin, Jr., 1 L	Tampa
Brown, Clarence E., 2 AB	Lake City	Carbonell, Fred S., 2 PM	Key West
Brown, Clyde R., 2 L	Graceville	Carleton, Wm. G., 3 L	Evansville, Ind.
Brown, Curtis Woodnut, 1 BA	—Pitman, N. J.	Carlisle, Charles S., 2 EE	Jacksonville
Brown, Drennen, 2 T	Leesburg	Carlton, Ernest O., 2 T	Wauchula
Brown, Glenn L., 1 Ag	Sorrento	Carlton, Mabry A., 3 L	Jacksonville
Brown, J. Colvin, G	Barberville	Carlton, Thad H., 3 L	Ft. Pierce
Brown, Merritt, 2 T	Panama City	Carmichael, Parks M., 2 L	Gainesville
Brown, Newton W., 2 CE	—West Palm Beach	Carnow, Theodore T., 1 A	Jacksonville
Brown, Paul M., 1 BA	St. Petersburg	Carr, Julian G., 1 Yr. Ag	Miami
Brown, Richard A., 1 AB	Jacksonville	Carr, Kenneth R., 1 E	Sulphur Springs
Brown, Thomas W., 3 T	Lakeland	Carranza, Manuel S., 5 P	Tampa
Brown, William F., Jr., 2 L	Miami	Carroll, John Robert, 1 E	Miami
Browne, Bruce D., 1 BS	Lake Wales	Carson, Russell B., 1 PM	Orlando
Brownett, Francis H., 2 A	Jacksonville	Carson, Robert Paul, 3 BA	Jacksonville
Browning, Louis P., 2 ME	Gainesville	Carter, Charles R., 5 BA	St. Petersburg
Bruner, Gerald J., 2 T	Stuart	Carter, Ira Judson, 2 PM	Newberry
Brunton, James D., 2 L	Plant City	Carter, Jerry Wm., Jr., 2 T	Tallahassee
Bryan, Johnson H., 5 T	Jacksonville	Carter, Joseph M., 3 P	Ehren
Bryan, Pauline, 3 J	Gainesville	Carter, Ray A., 2 AB	So. Jacksonville
Bryan, Perry N., 1 L	Ft. Lauderdale	Caruthers, Randolph A., 1 J	Orlando
Bryson, John A., 5 T	Jacksonville	Caruthers, Robert M., 2 Ag	Orlando
Buchanan, Jarrell E., 2 J	Penney Farms	Cason, Ernest W., 2 AB	Bartow
Buchanan, Wayland C., 1 BS	Lakeland	Cason, Roy S., 2 L	Delray Beach
Buchholz, Albert W., 1 T	Tampa	Cassels, Wm. L., 2 CE	Plant City
Buck, Kenneth V., 3 L	Miami	Casteleiro, Marion, 1 AB	Tampa
Buckley, Thomas H., 2 BA	—New York City, N. Y.	Castor, George Louis, 1 BA	Tampa
Bucky, Frederick W., Jr., 2 A	—Jacksonville	Causey, James E., 1 Ag	Wauchula
Budington, Julian P., 3 BA	—Daytona Beach	Cawthon, Rainey, 4 T	Tallahassee
Buell, Clark H., 4 CE	St. Augustine	Chambless, James W., 3 L	Tampa
Bull, Francis B., 2 L	Gainesville	Chambless, Robert F., 2 CE	Tampa
Bullard, William J., 4 BA	Gainesville	Chandlee, Courtland E., 1 BA	—Palm Beach
Bullock, Roy L., 2 PM	Graceville	Chaplin, Charles F., 3 BA	Miami
Bumby, Stanley F., 1 BA	Orlando	Charles, William W., 2 AB	Ortega
Bunker, J. J., 1 A	Jacksonville	Chase, John F., 4 BA	St. Petersburg
Burger, Alfred G., 2 BS	Jacksonville	Cherry, Henry S., 1 BS	Center Hill
		Childers, Ronald W., 2 EE	Port St. Joe
		Childs, Lawrence Dan, 3 L	St. Petersburg
		Chilson, Lee D., 3 BS	Bradenton

<i>Name and Classification</i>	<i>Address</i>	<i>Name and Classification</i>	<i>Address</i>
Chipley, Edmund L., 4 ChE	Bokeelia	Cook, Elbert M., 1 BS & 1 Ag	Monticello
Christo, James E., 4 T	Gainesville	Cook, Frederick E., 4 AB	Ocala
Church, Al Convers, 3 CE	Gainesville	Coomes, Charles S., 2 EE	St. Augustine
Church, Daniel D., 3 BA	Tampa	Cooperman, Leonard W., 2 L	—St. Petersburg
Ciaravella, James M., 2 PM	Tampa	Copeland, Anderson W., 2 CE	Tampa
Clark, Charles C., 2 BS	Plant City	Cordell, James E., 2 EE	S. Jacksonville
Clark, Charles H., 1 T	Bradenton	Cordell, John R., 2 A	Arlington
Clark, Charles L., 2 L	Blountstown	Cornell, James W., 1 BS	High Springs
Clark, Frank W., 2 T & 2 Ag	—Indian River City	Cornwell, Sam A., 1 L	Springfield, O.
Clark, Harry A., 2 BA	Mt. Dora	Corr, Alys May, 4 J	Gainesville
Clark, James E., 2 ChE	St. Petersburg	Costello, Raphael F., 1 BS	Franklin, Mass.
Clark, John D., 1 BA	Daytona Beach	Costin, Chauncey Lee, 1 EE	Port St. Joe
Clark, Judson D., 1 T	Mt. Pleasant	Coulter, George S., 2 AB	Jacksonville
Clark, James H., 3 BA	Daytona Beach	Cox, Guy, G	Woodruff, S. C.
Clark, Perry D., 4 BA	Pensacola	Cox, Jackson B., 1 BS	Tampa
Clark, Vernon W., 2 T	Bradenton	Cox, J. C., Jr., 2 Ag	Lake Alfred
Clarke, Edwin M., 3 T	Gainesville	Cox, Ray Donald, 4 CE	Clermont
Clarke, William R., 4 ChE	Orlando	Cox, Shuler, P., 1 BA	Jacksonville
Clayton, Archibald L., G	Jacksonville	Crabtree, Clyde, 3 T	Miami
Clemons, J. H., T	Plant City	Craft, Donald G., 1 L	Live Oak
Clemons, Walter N., 2 T	Tallahassee	Craig, Francis W., 4 A	DeLand
Clemdinen, James A., 1 J	Clearwater	Craig, Joseph A., 1 E	Jacksonville
Clerkin, John W., 1 BS, Green	Cove Sprgs.	Crews, Elton W., 3 BA	Zolfo Springs
Cleveland, Charles B., 1 L	Miami	Criswell, Ben Norris, 1 BA	Miami
Click, Gustavo N., 4 BS	Pensacola	Crofton, George R., 3 AB	Titusville
Corsey, John W., 1 BS	Bradenton	Crook, Lewis Dey, 1 J	Milton
Cobbe, Charles T., 1 T	Wellborn	Crookshank, John Alexander, G	—Lineus, Mo.
Cockran, Robert S., 1 BA	Eustis	Crosby, William Minturn, 1 E	Eustis
Cockrell, Robert S., 4 AB	Gainesville	Crotty, George S., 2 AB	Crescent City
Cody, James A., 3 BA	Gainesville	Crownover, Robert L., 2 ChE	Coral Gables
Cogswell, Robert C., 4 AB	Tallahassee	Crozier, Orville L., 2 Ag	Ft. Pierce
Cohen, Edward J., 1 PM	Jacksonville	Cullen, Spencer L., 1 AB	Ocala
Cohen, Reid Augustus, 4 AB	Tampa	Culler, John L., 1 BA	Tampa
Coit, Chas. K., 1 PM	Clearwater	Culpepper, John Barco, 1 J	Gainesville
Coker, John A., 5 Ag	Birmingham, Ala.	Culpepper, J. Broward, 1 L & 4 AB	Perry
Colbert, George R., 1 AB, Cedartown, Ga.		Cummings, Christy I., 2 J	St. Augustine
Coldwell, Walter A., 1 Ag, Daytona Beach		Currie, F. A., 2 L	W. Palm Beach
Cole, Joseph H., 1 BA, West Palm Beach		Currie, Howard F., 4 BS	Freeport
Cole, Manley A., 4 BS	Tampa	Curry, Edgar H., 3 L	Nokomis
Cole, Robert B., 2 AB	Orlando	Curry, Henry F., 3 EE	Bradenton
Coleman, Burnis T., 3 L	Okeechobee	Curtis, Donald C., 1 L	Lake Wales
Coleman, Charles P., 1 BS, Buffalo, N. Y.		Curtis, Russell E., 3 CE	Lake Wales
Coleman, Harold F., 1 E, Wiconisco, Pa.		Cutler, Ronald John, 2 T	DeLand
Coleman, John M., G	Europa, Miss.	Daffin, Robert L., 1 T	Marianna
Coleman, Marshall, 1 PM	Jacksonville	Dagley, Ray S., 3 BS	Gainesville
Collier, Oliver B., 2 BA	Tampa	Dahl, John E., 3 A	Jacksonville
Collins, Cecil F., 4 BA	Lake City	Daily, Victor L., 3 BA	Clearwater
Collins, Edward J., 1 T	Pensacola	Dale, Glenn R., 3 AB	Franklin, Penna.
Collins, James Harry, 1 T	Miami	Dale, Thomas B., 3 CE	St. Augustine
Collins, Leo V., 3 BA	Lake City	Daley, Claude C., 1 AB	Orlando
Collins, Thomas E., 2 Ag	Bartow	Dalton, Herschell W., 4 BS	Arcadia
Collins, Wilson R., 2 EE	Ft. Meade	Dalton, Jack P., 2 T	Arcadia
Colson, King D., 2 AB	Jacksonville	Dampier, William D., 1 BA	Plant City
Combs, John B., 2 CE	Deerfield	Daniel, William R., 2 AB	Miami
Comer, Charlie M., 4 BA	Ft. Meade	Danielsen, George, Jr., 3 AB	—St. Petersburg
Comer, Herbert J., 1 L	Lake Wales	Danielson, John C., 1 BA, St. Petersburg	St. Petersburg
Conant, Marcus, 1 T	Jacksonville	Dankwertz, Louis Fred, 5 T	—Philadelphia, Penna.
Cone, Roy Davis, 2 EE	Jacksonville	Dansby, Edwin H., 2 CE	Pensacola
Coniglio, Frank L., 5 P	Tampa	Dansby, George W., G	Reddick
Conkling, Donald H., 2 J, W. Palm Beach		Darlington, Benjamin N., 2 BS	—Tarpon Springs
Conlan, Frank L., 1 BA	Miami	Dauer, M. J., 4 T	Tampa
Connable, Horace, 5 Ag & 3 BS	—Kalamazoo, Mich.	Daugherty, Ralph E., 3 AB	Lakeland
Connor, Albert B., 1 Ag	Auburndale	Daumer, Raymond A., 1 E	—West Palm Beach
Connor, Henry, 2 L	Inverness	David, James, 3 ChE	Jacksonville
Connor, Warren Wm., 3 L	Pensacola	Davidson, Watson P., G	Waldo
Connor, William H., 1 BS	—Timmonsville, S. C.	Davies, Henry J., 1 J	—East Rochester, N. Y.
Conrad, Paul L., 1 E	Mt. Dora	Davis, Charles S., 1 AB & 1 BA	—Gainesville
Conroy, Robert E., 1 AB	Miami	Davis, Darney A., 1 AB	Miami
Constantine, Henry P., 1 BA	Clearwater	Davis, David M., 2 Ag	Frostproof
Conway, Claude L., 1 P	Palatka		
Coogler, Monroe A., 3 L	Brooksville		
Cook, Allan P., 1 E	LaBelle		
Cook, Bayard S., 1 AB	St. Petersburg		
Cook, David C., 3 AB	LaBelle		

<i>Name and Classification</i>	<i>Address</i>	<i>Name and Classification</i>	<i>Address</i>
Davis, Felix P., 1 BA	Blakeley, Ga.	Douglas, Barton T., 1 L	Gainesville
Davis, George W., 1 BA	Tampa	Douthit, Frank, 1 Ag	Peters
Davis, Harold G., 3 L	St. Petersburg	Dowdell, Samuel H., 3 EE	Wimauma
Davis, Joseph I., 1 L	Miami	Downs, William H., 2 BS	Jacksonville
Davis, John N., 3 BA	Chicago, Ill.	Dozier, Arthur G., 1 PM	Sarasota
Davis, Lynn R. M., 4 T	Gainesville	Dozier, Harry C., 2 BS	Ocala
Davis, Malcolm M., 1 T	Ocala	Drake, Charles, 1 BS	Ocala
Davis, Norman W., 4 BS	—Atlantic City, N. J.	Dreblew, Charles J., 3 BA	Monticello
Davis, Norton D., 3 AB	Jacksonville	Dresbach, Richard E., 2 AB	—Ft. Lauderdale
Davis, Oliver P., 2 J	Tallahassee	Driggers, Charles E., 1 T	Gainesville
Davis, Ralph C., 3 J	Lakeland	Driscoll, Robert A., 1 BA	Melbourne
Davis, Richard H., 1 AB	Madison	Drummond, Gordon Luther, 1 E	Bronson
Davis, Robert S., 2 CE	Lakeland	Dubler, Sheldon, 3 L	Miami
Davis, U. P., G	Gainesville	DuBois, Joseph D., 1 E	Plant City
Davis, William A., 2 BA	Frostproof	Duckwall, Wm. D., 2 L & 3 AB	—Bradenton
Davis, William M., 4 BA	Orlando	Dugan, Auldon B., 2 L	Gainesville
Davis, Walter Ray, G	Yahdinville, N. C.	Duncan, Eugene B., 2 A	Summerfield
Davitt, John E., 2 L	Birmingham, Ala.	Duncan, Thomas E., 1 L	Lake Butler
Dawkins, William F., 2 Ag	Bradenton	Duncan, William M., 1 J	Starke
Dawson, Charles R., G	Gainesville	Dunham, Donald, J., 1 BS	St. Augustine
Dayton, Orvil L., 1 L	Dade City	Dunkle, William Fred, 2 T	Bartow
Deam, John Warner, 1 E	Brooklyn, N. Y.	Dunn, Hardie M., 1 T	Jacksonville
Dean, Arnold W., G	Whitney	Dunn, Philip E., 2 PM	Daytona Beach
Dean, Bernard A., 1 BA	Jacksonville	Dunn, Will T., 2 Ag	Gainesville
Dean, William E., 3 CE	Monticello	Dunscombe, Aubrey E., G	Lynn Haven
Dearing, Albin P., 2 J	Jacksonville	Dunwoody, Henry A., 2 AB	Arcadia
DeArmas, Charles R., 2 PM	Tampa	Dunwoody, William E., 2 AB	Arcadia
Dearmine, Claude Holmes, 1 E	—Jacksonville	Dunwoody, William E., 2 AB	Arcadia
Decker, Bill M., 2 T	Jacksonville	Durrance, Carl T., 2 T	Okeechobee
Dedge, Alwin E., 1 T	Miami	Durrance, Oscar L., G	Gainesville
Dees, Cecil T., 1 L	Mayo	Dustin, Willis Alfred, 1 BS	Fairbanks
Deford, Deane C., 3 T	Miami	Dyer, Harry F., 2 BA	Stuart
DeGaetani, Francis M., G	New York City, N. Y.	Dykes, George M., 2 BA	Miami
DeGrove, Russell Henry, 2 CE	Palm Valley	Earle, Huber D., 1 J	Ocala
Degtoff, Walter A., 4 A	Miami	Easterling, Dilworth Q., 2 P	Jacksonville
Dehoff, Philip D., 3 L	Jacksonville	Eastland, Mark W., 2 BA	Tampa
Delany, Daniel, 3 BA	Ormond Beach	Eberhart, Noble M., 1 BA	St. Augustine
Delaporte, William B., 1 BS	Orlando	Eddleman, Thomas Stricker, 2 PM	—Yazoo City, Miss.
Deloach, J. B., 2 J	Lakeland	Edenfield, Lawrence E., 3 T	Grand Ridge
Delorenzo, Joseph, 1 J	Paterson, N. J.	Edenfield, Paul G., 1 P	Lake Butler
Delp, Harold A., 1 T	Tampa	Edeward, Abram A., 1 E	Ft. Lauderdale
DeMasters, Clarence U., 4 Ag	—Biggs, California	Edmundson, Benjamin R., 2 T	Pensacola
Denham, George L., 3 L	Bartow	Edris, Edwin N., 3 T	Winter Park
Denmark, Ewell Thomas, 3 T	Gainesville	Edsall, Robert S., 4 Ag	Bradenton
Dennard, Wm. Earl, 1 PM	Miami	Edwards, Clifford A., 1 BA	Tampa
Deonier, Marshall T., G	Harrah, Okla.	Edwards, Charles L., 2 EE & 3 BS	Tampa
Derr, Norman H., 3 AB	Jacksonville	Edwards, Franklin Dozier, 2 BS	—Kissimmee
Devore, William E., 3 Ag	Citra	Edwards, Henry H., 4 ChE	Cleveland
DeWitt, Basil Lyman, 3 BA	Jacksonville	Edwards, Herman L., 1 J	Junction
DeWitt, Charles J., 1 E	Jacksonville	Edwards, Howard K., 2 PM	Coral Gables
Dial, William Henry, 1 L	Gainesville	Edwards, James E., 1 PM	Miami
Dibble, Benjamin W., 1 BS	Gainesville	Edwards, Julius C., 1 BA	—Guilford College, N. C.
Dick, Robert C., 1 BA	Brooksville	Edwards, M. D., 3 BS	Chattahoochee
Dickens, Robert H., 1 BA	—West Palm Beach	Edwards, Marion J., 2 BA	Titusville
Dickinson, Clarence L., 2 T	Alachua	Edwards, William, 2 BS & 2 T	Ocala
Dickson, Jack G., 1 BA	Jacksonville	Egan, Edwin Milton, 5 T	—New Britain, Conn.
Dinkins, Carl, 1 T	Bushnell	Eitler, William L., 1 BA	Hollywood
Dinning, William G., 4 J	Tampa	Ellinor, Merrill Floyd, 3 BA	Havana
Disbrow, William C., 1 E	Tampa	Elliott, James N., 1 L	DeFuniak
Dishong, William W., 1 L	Arcadia	Ellis, Benjamin G., 1 E	Delray Beach
Dixon, Glen A., 1 Ag	Hudson, N. Y.	Elms, George E., 4 BA	Jacksonville
Dixon, Norman K., 3 BS	Jacksonville	Emanuel, Laurence M., 2 ChE	—Jacksonville
Dodd, William G., 1 BS	Tallahassee	Embry, Hugh C., 1 BS	Quincy
Dolive, Clarke, 1 L	Orlando	Emerson, Francis H., 4 A	Gainesville
D'Olive, R. Rex, 2 BS	Blountstown	Emmelhainz, Edgar A., 2 BA	Bradenton
Donahoo, John Wm., 2 L	Jacksonville	English, Clyde P., 2 Ag	Winter Park
Dongo, Joseph H., 2 L	Key West	Erickson, Floyd A., 2 T	Canal Point
Donnell, Raymond R., 1 BA	—Caibarien, Cuba	Ernsberger, George R., 1 E & 1 BS	—Palatka
Donnelly, Wallace O., 3 AB	Gainesville	Erwin, Wallace Franklin, 1 BS	Gainesville
Dopson, William C., 4 Ag	McRee, Ga.	Eshleman, Silas K., 2 L	Gainesville
Dorsett, Luke M., 2 T	Jacksonville		

<i>Name and Classification</i>	<i>Address</i>	<i>Name and Classification</i>	<i>Address</i>
Estes, Edgar S., Jr., 4 BS	St. Augustine	Foxworth, Merritt M., 3 AB	Live Oak
Estridge, Luther L., 3 BS	Mulberry	Franklin, Benjamin O., 1 BS	Micanopy
Evans, Adolphus R., 2 BA	Lake City	Frazier, Edward H., 3 BS	Tampa
Evans, Arthur P., 1 Ag	Vero Beach	Frazier, Frank J., 2 BS	—West Palm Beach
Evans, Glynn C., 3 T	DeLand	Frecker, William H., 2 L	Tampa
Evans, John D., 1 BS	Jacksonville	Fredericksen, Sophis N., 3 BA	Jensen
Evans, Robert C., 4 BA	Perry	Freeman, George D., 2 Ch. E.	—St. Augustine
Everett, Edward, 3 AB	Orlando	Freeman, H. Dwight, 3 Ag	Tampa
Evers, Joel, 2 L	Mulberry	French, John C., 3 L	Tampa
Faden, Jos Warren, 1 BS	St. Petersburg	Frick, Robert W., 2 Ag	Tampa
Faglie, Ralph May, 1 Ag	Monticello	Friesner, John W., 1 Ag	Lake Alfred
Fain, Leo B., 1 PM	Ft. Lauderdale	Fripp, Ethel I., 5 Ag	Bluffton, S. C.
Falsone, Nick J., 2 BA	Tampa	Frison, Carroll G., 3 T	Titusville
Fanus, Herbert W., 3 ME	Daytona Beach	Frye, David B., 2 BA	Tampa
Farnsworth, Francis W., 2 ChE	Tampa	Frye, James L., 2 BS	Mulberry
Farnsworth, Harold C., 3 L	Tampa	Fuentes, Cecil L., 1 PM	Miami
Farrior, J. Brown, 2 BS	Tampa	Fueyo, Elio, 4EE	Tampa
Farrell, Colman T., 1 E. W. Palm Beach		Fulghum, Ralph M., G	Mitchell, Ga.
Faulkner, Theron E., 1 J	Largo	Fuller, Herbert F., 3 L	New Smyrna
Featherstone, Elbert N., 1 BS	Miami	Fuqua, Ben H., 2 BS	Palmetto
Featherstone, L. B., 3 L	Miami	Gaines, Charles L., 5 Ag	Apalachicola
Featherstone, Milford, 1 PM	Miami	Gaines, Frank B., 1 E	Sarasota
Feinberg, Jaek M., 1 BA	Quincy	Garcia, Frank A., 1 BS	Caibarien, Cuba
Feit, Saul K., 2 T	West New York, N. J.	Garcia, Parsons Manuel, 1 PM	Tampa
Felson, Edgar M., 3 L	Jacksonville	Gardner, John H., 3 BA	Jacksonville
Fenton, Harry P., 2 T	Arcadia	Gardner, Richard, 1 AB	Quincy
Ferguson, C. H., 3 L	Wauchula	Garrison, Hubert F., 2 ChE	Moultrie
Ferguson, James Alfred, 3 BS	Gainesville	Garrison, Marvin D., 1 BS	Lakeland
Ferguson, Olin Simon, 2 T	—LaGrange, Ga.	Gary, Thomas Porter, 1 L	Brooksville
Ferguson, William J., 2 T	Lake City	Gay, James E., 3 BA	Jacksonville
Ferguson, William Mac, 2 BA	Orlando	Gaylord, Herbert R., 2 EE	Tampa
Ferlita, John F., 3 BS	Tampa	Gehan, Frederick E., 3 T	Tallahassee
Fernald, William I., 4 T	Tarpon Springs	Geiger, Albert, G	Homestead
Fernandez, Raymond, 2 PM	Tampa	Geneau, David H., 1 BS	Jacksonville
Ferrell, C. A., 1 BS	Sarasota	George, Ryan, 1 E	Tampa
Ferrell, George G., 1 A, West Point, N. Y.		Gerald, Francis Lynn, 1 BA	Ft. Myers
Feuer, Clarence, 1 BA	Miami	Gerould, Merritt T., 1 BA	—West Palm Beach
Feuer, Gus, 2 L	Miami	Getzen, J. C., 3 L	Webster
Fiequette, Arthur Wm., 1 Ag	—Winter Garden	Gibbons, Melville, G., 1 L	Tampa
Fifield, Harry A., 1 AB	Jacksonville	Gideons, Stanton M., 2 T	Bushnell
Fifield, Willard M., 1 Ag	Jacksonville	Gilbart, Gordon C., 2 BA	St. Petersburg
Filippello, Louis, 1 PM	Tampa	Gilbert, Charles E., Jr., 1 BA	—Franklin, Mass.
Fineren, William W., Jr., 4 ME	Jacksonville	Gilbert, Edwin A., 4 A	Detroit, Mich.
Fish, Wilnot S., 2 P	Tarpon Springs	Gildersleeve, Thomas D., 3 CE	Live Oak
Fisher, Eugene V., 4 BA	Cross City	Gill, Jo. Dozier, 2 L	Sarasota
Fisher, John L., 2 BA	Tampa	Gill, Robert D., 2 Ag	Zephyrhills
Fisher, Justin R., 3 BS	Jacksonville	Gillette, Allen L., 1 BS	Daytona Beach
Fisher, Robert L., 4 BS	Tampa	Gillette, Gardner T., 1 BA	Jacksonville
Fisher, William, 2 L	Pensacola	Ginsberg, Byron, 1 BS	Newark, N. J.
Fisher, H. W., 3 L	Fernandina	Gladden, William A., 1 BA	Auburndale
Fiske, Joan A., 1 T	Cocoa	Glaney, Philip B., 1 T	W. Palm Beach
Fitis, Emory H., 2 ME	Mulberry	Gleser, Samuel R., 1 PM	Miami
Flanagan, John B., 2 BS	Lakeland	Goble, Arthur J., 2 BS	Tampa
Fletcher, Eliot C., 4 A	Tampa	Godfrey, Frederick E., 1 AB	Orlando
Fletcher, Thomas C., 2 P	Williston	Godwin, James R., 1 BA	Pensacola
Fleurnoy, John T., 3 T	DeFuniak Sprgs.	Goggins, Steve C., 2 P	Jacksonville
Flowers, Marshall K., 3 T	Gainesville	Goin, Sanford Wm., 5 Arch	Gainesville
Floyd, Charles H. B., 1 T	Apalachicola	Golden, Lafayette, G	Gainesville
Floyd, Wilber O., 1 Ag	Gainesville	Godsby, Joe C., 4 CE	Dade City
Fokes, William R., 2 T	Lake City	Goldsmith, Robert C., 1 J	Daytona Beach
Foley, John B., 1 BA	St. Augustine	Goldstein, Maurice W., 1 BA	—Jacksonville
Folks, James Wm., 1 P	Dunnellon	Gonzalez, Charles F., 1 BA	Pensacola
Ford, Henry M., 3 Ag	Gainesville	Gonzalez, George, 2 T	Tampa
Ford, Jos. Scott, 4 ME	Dania	Gonzalez, Manuel L., 5 P	Tampa
Ford, Priece L., 1 P	Wewahitchka	Goodbread, Royce E., 3 T	St. Petersburg
Ford, Raymond E., 2 L	Ft. Pierce	Goode, William G., 2 BS	St. Augustine
Forsyth, Donald W., 2 J	Pensacola	Gooding, Marion Wm., 1 AB	Jacksonville
Fort, Chester A., 1 BS	Ocala	Goodwin, William B., 1 BA	—Franklin, Mass.
Foster, George A., 4 AB	—DeFuniak Springs	Gordon, Sydney H., 1 PM	Ft. Lauderdale
Foster, H. S., 1 AB	Atlanta, Ga.	Gordon, Ulysses, S., G	Gainesville
Foster, Ira J., 3 T	Gainesville	Graff, Robert A., 1 BS	Coral Gables
Foster, James W., 1 AB, DeFuniak Springs			
Fouraker, Wm. Lee, 1 BA	Jacksonville		

Name and Classification	Address	Name and Classification	Address
Graham, Harry T., 1 E	Tallahassee	Harrell, Brooks C., 1 BS	Miami
Graham, James D., 1 Ag	—New Albany, Ind.	Harrell, William K., 2 T	Marianna
Gramling, Lea Gene, 2 P	Plant City	Harrington, John D., 1 L	St. Petersburg
Granger, Fred F., 1 J	Jacksonville	Harris, Ansel W., 3 EE	Orlando
Grant, Pen J., 3 J	Jacksonville	Harris, Clyde E., 2 A	Jacksonville
Grant, George F., 2 BA	Tampa	Harris, David W., Jr., 1 J	Miami
Gravelly, Louis O., 2 L	LaBelle	Harris, Earl G., 1 BS	Caryville
Graves, Charles P., 1 J	Gainesville	Harris, Henry R., Jr., 3 BA	Gainesville
Gray, David B., 1 BA	Panama City	Harrison, Albertus F., 1 PM	Madison
Green, Carl R., 2 L	St. Petersburg	Harrison, Clyde, 3 BA	Bushnell
Green, George M., 3 L	Tampa	Harrison, Grady, 4 T	Anthony
Green, Harry, 2 L	St. Petersburg	Harrison, Thos W., 3 L	Palmetto
Green, Sam, 3 BA	St. Petersburg	Harrison, William F., Jr., 2 T	—Panama City
Green, Wilson P., 3 ME	Reddick	Hart, Robert W., 4 CE	Key West
Greene, James B., 1 T	St. Petersburg	Hart, Screven T., 2 AB	Jacksonville
Greene, Edgar W., 3 T	Stuart	Hartley, Charles E., 4 T	St. Cloud
Greene, Harry S., 4 T	Gainesville	Hartman, Merton T., Jr., 1 E	Gainesville
Greene, Lorin A., 4 AB	Indianapolis, Ind.	Harvard, Grover C., 1 A	Jacksonville
Greenleaf, Roger A., 1 BA	Savannah, Ga.	Harvey, Norman C., 4 CE	Miami
Greer, Paul E., 2 BA	Brooklyn, N. Y.	Harvey, William W., 3 T	Chipley
Grenelle, Edwin W., 3 L	Palm Harbor	Hatfield, Robert J., 1 BA	Ft. Pierce
Griggs, H. E., 2 L	Rockledge	Haug, George W., 2 EE	Tampa
Griley, George E., 2 PM	Miami	Hauptman, Oliver H., G	St. Petersburg
Griley, Victor P., 1 AB	Miami	Hawkins, Durwood E., 2 L	Tampa
Groat, Edward M., 4 EE	Jacksonville	Hawkins, George A., G	Bay Harbor
Guard, Carl J., 3 CE	Orlando	Hawkins, Hal Clark, 1 BA	Bartow
Gue, Theron L., 1 E	Melrose	Hawkins, Wm., Jr., 4 A	Gainesville
Guenther, William, 1 T	Altouna	Haworth, Chester, 2 EE	High Springs
Guirkin, Alfred D., 1 BA	Melbourne	Haynes, Gerritt F., 4 BA	Clearwater
Guise, Witt O., 1 T	Magazine, Ark.	Hazledine, Kenneth E., 5 Arch	—Terre Haute, Ind.
Gulick, H. Marion, 2 ChE	Tampa	Hearn, Francis L., 1 BA	Marianna
Guluzian, John H., 1 BA	Brighton, Mass.	Hearn, Joseph S., 1 BA	Marianna
Gunn, George P., 1 T	Jacksonville	Hearn, Vernice L., 4 T	Miami
Gunn, James R., Jr., 3 AB	Jacksonville	Hebb, John, 1 Ag	Bartow
Gunter, Wilbert H., 1 P	Waldo	Heimbürger, Edward R., 1 AB	—Jacksonville
Guthridge, Donald J., 1 BS & 1E	—Bradenton	Heitman, Gilmer M., 2 BA	Ft. Myers
Guy, James Frederick, 1 BS	Starke	Helseth, Will J., 3 EE	Vero Beach
Guyton, Charles M., 3 L	Marianna	Helvenston, George R., 3 L	Jacksonville
Haas, Widmer E., 3 EE	Tampa	Henderly, Francis Lafayette, 1 BA	Ocala
Hackney, Walter M., 1 T	Lake City	Henderson, Cyril A., 1 BS	Jacksonville
Haesker, Harvey L., 1 E	St. Petersburg	Henderson, Edwin L., 3 T	Shady Grove
Haefner, Edward R., 3 J	Brooksville	Henderson, Frank M., 1 AB	Tampa
Haft, Albert M., 3 B A	Gainesville	Henderson, James A., 2 CE	Miami
Hagan, Lovie P., 2 AB	Sanford	Henderson, John W., 2 AB	Tallahassee
Haines, Lewis D., 3 BS	Altamonte	Henderson, Joseph R., 3 Ag	Lee
Haines, Webber B., 2 L	—Altamonte Springs	Henderson, Major J., 1 PM	Galliver
Hall, Charles R., Jr., 2 L	Mobile, Ala.	Hendricks, Ernest L., 3 CE	Island Grove
Hall, Harvey A., G	Gainesville	Hendrix, Hugh M., 1 BS	Gainesville
Hall, Joe, Jr., 2 CE	Hollywood	Hendrix, George P., 1 BS	Gainesville
Hall, John L., 2 AB	Leesburg	Henley, William W., 2 Ag	—DeFuniak Springs
Hall, Josiah C., Jr., 3 T	Bradenton	Henry, Clarence R., 4 BS	Ft. Lauderdale
Hall, Leland G., 4 BA	Tampa	Henry, George E., 1 E	Jacksonville
Hall, Lyman, 3 T	Miami	Herin, William A., 4 AB	Miami
Hall, Malcolm J., 3 L	Tampa	Herlong, Albert S., 3 Law	Leesburg
Hall, Thomas G., 3 BA	Fernandina	Herlong, Charlie W., Jr., 3 AB	Jacksonville
Halpern, Herbert R., 1 BA	Jacksonville	Herminghaus, Charles, 2 Ag	Mimms
Halsey, William E., 2 BA	—West Palm Beach	Herndon, Claude E., 1 BA	Sanford
Hamilton, Bruce, 2 BA	Tampa	Herrick, Raymond E., 1 E	Tampa
Hamilton, Joseph H., 1 BS	Jacksonville	Hess, Charles R., 1 L	Jacksonville
Hamm, Harold A., 2 BA	Gainesville	Hester, Bob L., 2 BA	Miami
Hamm, Donald L., 3 BA	Gainesville	Hester, Jackson B., G	Easley, S. C.
Hammack, James A., 3 CE	Leesburg	Heath, Garland, G	Gainesville
Hancock, Judson N., 1 P	Lakeland	Hiatt, Lyle S., 5 BA	Jacksonville
Hand, Louis, 5 BA	Orlando	Hickenlooper, Irby J., 4 EE	Palatka
Hand, Samuel E., 1 T	Gainesville	Hicks, Alex T., 1 AB	Gainesville
Hanks, James G., 2 CE	Kissimmee	Hicks, Dashwood, 2 T	Tampa
Hanks, William F., 1 E	Kissimmee	Hicks, Henry L., 3 P	Orlando
Hansbrough, Harry H., Jr., 1 BA	Miami	Higgins, John E., 2 AB	Sanford
Hansell, John D., 1 T	Sanford	Higgins, Thomas J., G	Gainesville
Hardee, Bascorn O., 5 BA	Bronson	Highleyman, Robert L., 2 A	Sanford
Hardee, Haskell E., 1 BA	Bronson	Hildebrand, Boyde L., 2 BS	Ft. Pierce
Hardee, James E., 2 L	Madison	Hill, Arthur M., 4 Ag	Vero Beach
Harper, Wallace L., 1 T	Palatka		

<i>Name and Classification</i>	<i>Address</i>
Hill, Edward J., 3 ME	Tallahassee
Hill, Robert J., 4 BA	Cocoa
Hill, Sue, G	Gainesville
Hilliard, Alton L., 1 BA	Ft. Pierce
Himes, Samuel H., 3 BA	—West Palm Beach
Hiner, Loyell Davis, G	Wagner, S. Dak.
Hinson, John C., 3 BA	Quincy
Hirsh, Earl, 2 T	Jacksonville
Hjermstad, Lars B., 2 BA	—Green Cove Springs
Hoag, Howard L., G	Kalamazoo, Mich.
Hobgood, Thomas S., 2 BA	Pensacola
Hodges, Herbert L., Jr., 4 CE	—St. Augustine
Hodler, Charles N., 1 T	Mango
Hoffmeyer, Ralph E., 1 AB	Jacksonville
Hogan, Ivey W., 3 Ag	Trenton
Holland, Hilliard G., 2 BS	Miami
Holland, Walter C., 2 AB	Leesburg
Holland, Zachary D., 2 PM	Bunnell
Holloway, Marshall G., 1 BS	Haines City
Holmes, Loyce L., 1 T	O'Brien
Holstlaw, Dwight H., 1 BA	—West Palm Beach
Honeywell, Owen D., 1 L	Vero Beach
Hood, Ralph K., 2 BS & 2T	Crystal River
Hooker, Glenn E., 1 AB	Haines City
Hooper, James R., 3 AB	Chicago, Ill.
Hooten, Ruffie D., 1 T	Center Hill
Hopper, Roland O., 3 Ag	Cleveland
Horne, Sidney L., 3 AB & 3 T	Monticello
Horowitz, Abraham, 2 EE	Jacksonville
Horovitz, Jules J., 4 BS	Tampa
Harrell, Robert P., 2 L	Gainesville
Hosstetter, Charles P., 1 T	Umatilla
Hosstetter, Gerald W., 1 E	Miami
Houck, John B., 1 BA	Bradenton
Houk, Dean C., 3 L	St. Petersburg
Houser, Mike S., 3 T	Jacksonville
Houston, Augustus W., 1 PM	Palatka
Howard, John T., 3 T	Bristol
Howard, Raymond H., G	Gainesville
Howard, William T., 1 BA	Ft. Myers
Howatt, Ernest W., Jr., 1 PM	—St. Augustine
Howe, Gaius W., 4 A	Burlington, Va.
Howser, Philip, 1 BA	Paterson, N. J.
Howze, Thomas A., 2 L	Palmetto
Huber, William J., 1 Ag	Glen Ridge, N. J.
Hudson, Aubrey J., 1 Ag	Jay
Hudson, Harold M., 1 BA	Miami
Hudson, Jewell H., 1 L	Jay
Huffer, Craig, 3 EE	Winter Park
Hughes, Charles R., 3 AB	Lake Hamilton
Hughes, Dan, 5 T	Ponce de Leon
Hughes, Joe R., 1 Ag	Monticello
Hughes, Ray C., 1 BS	Miami
Humphrey, Duncan M., 2 AB	Gretna
Hunt, Stanley H., 2 BA	Leesburg
Hunter, James H., 1 P	Wewahitchka
Eunter, Robert K., 1 J	Daytona Beach
Hunter, Walton B., 3 AB	Tavares
Hussey, Thomas G., 3 BS	—West Palm Beach
Hutchinson, Arnold G., 1 AB	Penney Farms
Ihrig, Elmer W., 4 T	Gainesville
Imeson, Thomas C., 1 L	Jacksonville
Ingram, Hollis C., 5 A&S	Orlando
Irwin, Thomas M., 2 BS	Jacksonville
Ives, Selwyn C., 1 L	Lake City
Jack, Bernard W., 2 BA	Tampa
Jackson, A.B., 2 Ag	Clearwater
Jackson, Wesley B., 2 J	Gainesville
Jacobus, Robert C., 3 BA	St. Petersburg
Jahn, Fred S., 1 L & 3 BA	Paris, France

<i>Name and Classification</i>	<i>Address</i>
James, John W., 3 BA	Orlando
James, Russell H., 3 BA	St. Petersburg
James, Thomas H., 4 BA	St. Petersburg
Jamison, James R., 3 Ag	Wabasso
Janes, C. Howell, 4 ME	Wauchula
Janes, Marion M., 2 T	Wauchula
Jaramillo, Luis S., 5 Ag	New York, N. Y.
Jeannopoulos, John L., 1 PM	—New York, N. Y.
Jeannopoulos, Takis L., 1 PM	—New York, N. Y.
Jefferson, Wayne O., 4 EE	Pensacola
Jenkins, Joseph, 1 AB	Leesburg
Jennings, William L., 2 BS	Jennings
Jernigan, Claude H., 3 EE	Monticello
Jernigan, Harvey J., 3 BA	—Donalsonville, Ga.
Jernigan, Jack W., 2 CH	Gainesville
Jewell, T. Watts, 2 CE	Palm Beach
Jewett, Edward W., 1 BS	Pass-A-Grille
Jibb, William F., 1 AB	Jacksonville
Jehansen, Beppo R., 1 Law	Clearwater
Johansen, Hans R., 2 J	Clearwater
Johns, David S., Grad	DeLand
Johnson, Arrie L., 3 L	Jay
Johnson, Carl E., 2 CE	Sarasota
Johnson, C. Johannas, 3 CE	Pensacola
Johnson, David T., Jr., 1 J	Eustis
Johnson, Dewey M., 3 L	Quincy
Johnson, Fred V., 2 BS	Ft. Ordzen
Johnson, Hubert L., 1 BA	Ft. Ordzen
Johnson, J. B., Jr., 1 Ag	Trenton
Johnson, James H., 2 BA	Trenton
Johnson, Joseph P. C., 4 AB	—Penfield, N. Y.
Johnson, Leonard E., 2 EE	Orlando
Johnson, Levi M., 2 Ag	Miami
Johnson, Loftin, 1 E	Waldo
Johnson, Oliver P., 1 L	St. Cloud
Johnson, Richard S., 2 P	Gainesville
Johnson, Ralph W., G	St. Petersburg
Johnson, Thomas H., 2 AB	Jacksonville
Johnson, Thomas Preston, 4 BA	—St. Petersburg
Johnson, Thomas T., 2 BA	St. Petersburg
Johnson, William L., 2 BA	Key West
Johnson, W. M., 4 EE	Key West
Johnston, Excell R., 1 T	Winter Haven
Johnston, James W., 2 BA	—St. Petersburg
Johnston, Murray C., 1 T	Miami
Johns'on-Wallace, Denis B., G	Gainesville
Johnwick, Edgar B., 4 BS	Gainesville
Johnwick, Erwin F., 2 T	Gainesville
Jones, Arthur H., Jr., 2 AB	Pensacola
Jones, Charles A., 1 T	Okeechobee
Jones, Carson Y., 1 BS & 1 E	Mims
Jones, Emmet U., 3 T	High Springs
Jones, Graham, 2 BA	Quincy
Jones, Hugh B., Jr., 3 BS	Gainesville
Jones, Harold E., 1 AB	Orlando
Jones, Hastings W., G	Aiken, S. C.
Jones, Homer, 5 T	DeFuniak Springs
Jones, James A., Jr., 1 Ag	Newberry
Jones, John P., 1 E	Pensacola
Jones, Leon B., 3 Ag	Century
Jones, Prell T., 1 P	Miami
Jones, Stanley B., 1 BA	Port Tampa City
Jones, Thomas C., 3 BS	Oldtown
Jones, Thomas J., 3 Ag	Palm Beach
Jones, William E., 3 BA	—DeFuniak Springs
Jordan, Burwell L., 3 T	Tampa
Jordan, Cyrus A., 2 CE	Gainesville
Jordan, Howard E., 1 AB	St. Petersburg
Jordan, Mark B., 4 Ag	Robertsdale, Ala.
Joubert, William H., 1 BA	Tampa

Name and Classification Address

Judy, Dick W., 2 AB West Palm Beach
 Jun, Erwin T., 1 Ag Vero Beach
 Kaminis, Peter C., 2 BS Tarpon Sprgs.
 Karel, George H., 1 BA Orlando
 Kaplan, Harry M., 3 L Miami
 Kass, Sidney C., 1 J Jacksonville
 Kassewitz, Leon, 2 PM F.t.zgerald, Ga.
 Katsch, James E., 1 P Miami
 Kazarian, Carl, 3 P Orlando
 Kazarian, Harry, 3 P Orlando
 Keck, Harold L., 2 J Orlando
 Keeler, Emerson M., 2 EE Miami
 Keen, J. Burger, 2 BA Monticello
 Keen, John W., 1 Ag Ft. Meade
 Keen, Yuell, 1 BS St. Cloud
 Keep, Oscar J., 2 T Jacksonville
 Kezel, James E., 1 L Winter Park
 Kegerreis, Charles W., 1 E Lake Wales
 Kehoe, Emmett W., 2 AB Coral Gables
 Keith, James A., Jr., 2 EE Tampa
 Kelley, Welcolm T., 2 PM Lake Mary
 Kelly, Daniel A., Jr., 2 L Fernandina
 Kelly, John Redmond, 1 BA Fernandina
 Kelly, John R., 2 EE Gainesville
 Kelly, Joseph E., 3 T Glen St. Mary
 Kendrick, Herbert L., 1 PM Miami
 Kennedy, Gurney W., Jr., 1 T —Tallahassee
 Kennedy, Robert C., 3 CE Winter Park
 Kent, Artis L., 4 BA Lake City
 Kepler, Charles J., 1 E Eau Claire, Wis.
 Kester, Edson E., 2 EE Jacksonville
 Kibble, William R., 1 BA —Mt. Clemens, Mich.
 Kibler, John M., 3 BS Lakeland
 Kilbourn, Robert C., 1 BS Winter Park
 Killinger, Clarence E., 3 ME Gainesville
 Kimball, M. F., 1 AB Umatilla
 King, Carl D., 3 BA Bradenton
 King, Charles B., 4 CE Sneads
 King, Edgar B., 5 Ag Apopka
 King, Fletcher G., 2 PM St. Augustine
 King, Isaac G., 3 T Sneads
 King, William G., 2 BA Orlando
 Kinsey, William I., 1 BA Atlanta, Ga.
 Kinzie, George R., 3 BA Ft. Myers
 Kinzie, Norman F., 1 BS & 1 T, Ft. Myers
 Kirby-Smith, Reynold M., 2 CE —Jacksonville
 Kirker, Eugene A., 3 BS Jacksonville
 Kirkland, Charles O., 2 AB Laurel Hill
 Kirkpatrick, John W., Jr., 2 BS —Gainesville
 Kirkpatrick, Lee W., 3 BA, Ft. Lauderdale
 Kirkpatrick, Thomas A., 1 Ag —Clearwater
 Kirton, Joe S., 1 L Jacksonville
 Kiser, Randolph L., 2 P Key West
 Kittel, Alexander C., 1 T Miami
 Klepach, Emil J., 1 BS Tarpon Springs
 Knight, Claude M., 2 PM Bunnell
 Knight, Frank T., 2 PM Melbourne
 Knight, Fred K., G Jacksonville
 Knight, George W., 5 E Sanford
 Knight, John C., 1 BS Plant City
 Knight, Marvin S., 1 J, Bronxville, N. Y.
 Knight, William H., 1 P Ocala
 Knott, James R., 2 BA Tallahassee
 Knowles, Norman W., 3 BA, Winter Park
 Knowles, Taylor S., 2 BA Miami
 Knox, Thomas M., 1 BA, St. Petersburg
 Korst, Ernest B., 2 BA St. Augustine
 Kovach, Peter M., 2 T Zolfo Springs
 Kramer, George W., 1 Ag, Buffalo, N. Y.
 Kranz, Walter H., 1 Ag Gainesville
 Kromer, Arthur E., Jr., 3 BS Gainesville

Name and Classification Address

Kubesserian, Garabeol G., 2 CE —Gainesville
 Kusner, Juanita V., G —East Stroudsburg, Pa.
 Laffitte, Rondeau, G, 2 P Lloyd
 Logano, Albert A., 3 AB Gainesville
 Lamb, William C., 1 E Tallahassee
 Lambert, Edgar J., 1 BS Miami
 Lamborn, Albert G., 2 BA, Congers, N. Y.
 Lamborn, Bert L., 3 BA Tampa
 Lamons, Charles P., 1 J Gainesville
 Lancaster, Howell E., 1 BS Trenton
 Land, Henry Wm., 1 Ag Apopka
 Landon, James T., 1 BA Jacksonville
 Landrum, Tom J., 1 BA Gainesville
 Landrum, T. Frank, 3 T Brooksville
 Laney, Edward E., 2 T Tampa
 Lanier, William S., 1 E Coral Gables
 Langbehn, Franklin P., 3 A Miami
 Langston, Herbert A., 3 T Cross City
 Lansdell, Fred D., 4 A Miami
 Larche, James G., 1 J Gainesville
 Larimore, Granville W., 3 BS Tampa
 Larson, John E., 1 L Brookston, Penna.
 Lastinger, Samuel T., 3 T Gainesville
 Lastinger, Vernon, 1 BS Tampa
 Latham, Herbert S., 2 AB Pensacola
 Latham, Roland O., 1 BS Gainesville
 Lau, Earl Wm., 1 BA Winter Garden
 Lauenborg, Alford B., 1 E & 1 T —West Palm Beach
 Lautz, Edward H., 1 AB Miami
 Lavigne, Frank R., 1 BA Ft. Lauderdale
 Lavin, John S., 1 J Sarasota
 Lawless, William W., 2 Ag Lake Alfred
 Lawrence, Fred P., 1 Ag Gotha
 Lawrence, Richard A., 2 L Melbourne
 Lawrie, David E., 1 EE Ellet, O.
 Lazonby, Joseph L., 1 L Ft. Lauderdale
 Leach, Gilbert D., 1 E Leesburg
 Leahy, Edward F., Jr., 1 T Gainesville
 Leaird, George W., 1 BA Ft. Lauderdale
 Leath, William B., 1 T Blountstown
 Lee, Charles R., 2 BS Clearwater
 Lee, David Bryon, 2 EE Jacksonville
 Lee, John L., 2 BS Live Oak
 Leer, James Vernon, 2 PM Gainesville
 LeGate, Frank M., 1 T Jacksonville
 Leggett, Frederick E., 3 EE Gainesville
 Lehman, Bruce G., 1 AB Miami
 Leland, Aaron W., 5 Ag Gainesville
 Lerner, Jules, 2 BA W. Palm Beach
 Leto, Bruno, 1E Tampa
 Levey, Bernard F., 2 ChE Pensacola
 Lewis, Francis S. K., 3 ME, Miami Beach
 Lewis, Henry H., Jr., 3 L Marianna
 Licata, Anthony J., 1 L Tampa
 Liddon, Ben S., 2 BA Marianna
 Lieberman, William, 1 BA Orlando
 Lindner, George D., 1 PM Ocala
 Lindop, Ralph K., 3 L Selma, Ala.
 Lindsey, Ira F., 1 BA St. Petersburg
 Lindsley, Augustus R., Jr., 3 A Dania
 Lindsley, James S., 1 PM St. Augustine
 Lindsey, S. L., 3 T Alachua
 Linebaugh, F. Marion, 3 BS Tampa
 Lipsitz, William, 2 BA Leesburg
 Littell, Bartow S., 2 CE Hudson
 Littig, Sherman K., 2 T Tallahassee
 Little, Jesse L., 4 BA Columbus, Ga.
 Lively, Laban G., 1 AB Tampa
 Livesay, Joe S., 4 AB Jacksonville
 Livingston, Delbert E., 3 J Tampa
 Livingston, Howard G., 2 L Orlando
 Locke, Howard S., 1 PM Miami Beach
 Lockhart, Stuart, 3 Ag Yukon
 Loewenkopf, Jack, 2 L Jacksonville

<i>Name and Classification</i>	<i>Address</i>	<i>Name and Classification</i>	<i>Address</i>
Leiten, William T., 3 Ag	Summerfield	McInnes, Harry J., 1 BS	Leesburg
Lokan, Hugh C., 1 Ag	Winter Haven	McInnis, Sam W., G	O'Brien
Lokay, Hulsey S., 2 BA	Tampa	McIntire, James E., G	Trenton
Lopez, Aquilino, Jr., 2 AB	Key West	McIntosh, Clyde A., 2 P	Gainesville
Lord, Mills Minton, 2 T	Sanford	McIntosh, Malcolm E., 1 J & 1 T	—Plant City
Lord, Richard P., 3 Ag	Gainesville	McIntosh, Malcolm N., 1 T	Tallahassee
Lorraine, C. C., 2 L	Jacksonville	McIntyre, William M., 1 BS	—Washington, D. C.
Lotspeich, Lowell W., 2 BA, Coconut Grove		McKay, John W., 4 EE	Tampa
Lotspeich, Walter Wiley, 2 BA	Miami	McKee, J. O. Hugh, 1 AB	Alford
Loucks, Ivan H., 3 EE	Gainesville	McKenzie, David Myron, 1 PM	Bunnell
Loucks, Merle K., 2 AB	Tampa	McKeown, Charles W., 5 BA	Gainesville
Loughren, Burton G., 1 AB	Tampa	McKethan, Alfred M., 3 BA	Brooksville
Love, Francis E., 3 L	Lake Worth	McKibben, Joseph R., 1 PM & 1 T	Orlando
Love, H. A., Jr., 3 L		McKnight, Charles A., 5 BA	—Greensboro, N. C.
Love, S. Kenneth, G	St. Petersburg	MacKrilie, Alfred E., 1 BA	—New Haven, Conn.
Love, William L., 2 ChE	Mulberry	McLanahan, Clarence R., 2 L	Bunnell
Loveless, Oliver F., 3 Ag, Thomasville, Ga.		McLanahan, Julius P., 4 A	Bunnell
Lovell, Napoleon B., 3 T	Summerfield	McLaughlin, Mike Jones, 3 BA	Tampa
Lowe, Frank E., 2 BA	Tampa	McLean, Donald S., 2 Ag	Bartow
Lucas, Glenn H., 1 Ag	Bradenton	McLean, Leon S., 3 P	Gainesville
Lucas, Maurice E., 1 J.	Tampa	McLean, Ralph W., 1 BA	Gainesville
Ludwig, Gerald E., 4 BA	Sarasota	McLeod, Norman W., Jr., G	Aucilla
Luther, Chas. Wm., 3 L	Daytona Beach	McLeod, Wallace L., 2 AB	Aucilla
Luttrell, Karl F., 3 BA	Brooksville	McLucas, Leonard L., 4 T	Sanford
Lybass, James H., 3 Ag	Tampa	McMullen, Kenneth S., 3 Ag	Madison
Lyle, John M., 2 A	Miami	McNatt, John M., 4 L	Livalda, Ga.
Lyle, William R., 4 Ag	Bartow	McNeill, David R., 1 BS	Live Oak
Lyon, James, 2 PM	Tampa	McQuitty, John V., G	Ft. Myers
MacArtan, Neill C., 1 PM	Frostproof	McQuitty, Louis L., 1 T	Ft. Myers
MacCarthy, Parker W., 4 ME, Isle of Pines		McRae, William A., 3 AB	Jacksonville
MacDonald, Alden F., 3 EE	Archer	McVoy, Arthur D., 1 A	Gainesville
MacDowell, Louis G., 1 BS	Melbourne	McWilliams, Lauren E., 2 T	Frostproof
MacDuff, Stanley I., 1 E, Daytona Beach		Mack, Richard A., 2 BA	Miami Beach
MacKenzie, Edward S., 2 L	Leesburg	Maddox, Alexander B., 1 Ag	Ft. Meade
McAdam, William E., 1 BA	Pensacola	Maddox, John C., 2 L	Felda
McCain, Franklin S., 3 BA	Gainesville	Maddox, William T., 1 T	Felda
McCall, Oliver W., 3 T	Madison	Magaha, Carl H., 1 PM	Ft. Myers
McCall, Ralph D., 2 T	Jasper	Magee, William H., 2 BA	Gainesville
McCarthy, Ernest E., 2 BS	Orlando	Magid, Louis, 3 P	Tampa
McCarty, William A., 2 A	Gainesville	Magruder, Charles, 5 A	Tampa
McCaskill, Charles K., 1 BA	Perry	Mahaffy, Conrad B., 5 A	Jacksonville
McCaskill, Herbert L., 3 A	Lakeland	Mahon, Delma C., 1 Ag	Port St. Joe
McCaskill, John E., 1 L & 3 AB	—DeFuniak Springs	Mahone, John T., 1 A	Jacksonville
McCaughan, James R., 3 AB	Pensacola	Maines, Hal York, 5 T	Lake Butler
McCaul, Thomas V., Jr., 2 AB, Gainesville		Maines, Orlando M., 2 Ag	Gainesville
McClellan, Broward, 2 T	Frink	Makinson, William B., 2 T	Kissimmee
McClellan, James A., 1 Ag	Monticello	Malcomb, Samuel Guy, 1 E	Miami
McClellan, Roby B., 2 AB	Jacksonville	Mallory, E. M., 1 P	Orlando
McClelland, Roy, 1 A	Lakeland	Mann, Albert C., 2 BS	Gainesville
McClure, Jack W., 1 BA	Palmetto	Mann, Don T., G	Gainesville
McClure, Tom W., 1 BA	Tampa	Mansfield, Ernest B., 1 ME	—St. Petersburg
McCollum, Oscar O., Jr., 3 AB	—Jacksonville	Mantey, Wallace F., Jr., 1 L	Eustis
McColskey, John S., 2 Ag & 2 ME	—Lake City	Manucy, Albert C., 2 T	St. Augustine
McCormick, F. T., 5 Ag	Gainesville	Marsales, John, 4 BA	Cantonment
McCormick, Lucius R., 1 T	Gainesville	Marcanonio, Jerry Louis, 1 E	—Meriden, Conn.
McCormick, Rayford C., 2 T	Gainesville	Marcum, William H., 1 E	Lakeland
McCoy, Robert C., 1 T	Winter Haven	Markett, Davis L., 1 L	Arcadia
McCraw, John C., Jr., 2 CE	Gainesville	Markham, Julian E., 3 T	Lake City
McCrea, William J., 1 T, St. Petersburg		Marks, Chas. A., 3 T	Tampa
McCubbin, E. Lee, 1 BA	So. Jacksonville	Marks, Paul H., 3 L	Miami
McCune, Marion G., 2 B A	Miami	Marlett, Neuman C., 3 AB	Gainesville
McDavid, Harry E., 1 BA	Ocala	Marsh, Horace G., 2 T	Jacksonville
McDermid, J. Turner, 1 BA	Okeechobee	Marshall, George F., 2 AB	Jacksonville
McDonald, Harry G., 1 T	Plant City	Martin, James C., 2 P	Moss Bluff
McDonald, Thomas B., 1 T	Monticello	Martin, Laurence S., 3 BA, Warner, N. H.	
McDonald, Walter H., 1 T	Jacksonville	Martin, Marvin M., 1 AB	Palatka
McEldowney, Lawrence E., 4 AB	Tampa	Martin, Melbourne L., 1 AB	Miami
McEldowney, Walter H., 3 AB	Tampa	Martin, Roe M., 4 T	Gainesville
McEwen, James M., 1 L	Wauchula	Martin, William C., Jr., 1 BS	Marianna
McGee, William L., 2 ME	Century	Martineau, James A., 2 L	—Marionette, Wis.
McGinnes, Willard D., 2 A	Lakeland		
McGovern, Donald C., 1 L & 4 AB	—Jacksonville		
McGucken, Thomas E., 2 CE	Tampa		

Name and Classification	Address	Name and Classification	Address
Mashburn, Karyl H., 1 T	Caryville	Moesser, William J., 1 BS	—Daytona Beach
Mason, Thomas L., 3 BA	Sarasota	Mokray, Edward S., 1 BS	Orlando
Massarri, Frank, 2 AB	Tampa	Montanye, Gene, 1 AB	Tampa
Massey, Fred F., 4 BA	Pensacola	Monteiro, George L., 3 AB, St.	Petersburg
Masters, Joseph M., 5 T	Ortega	Montgomery, James D., 2 T	Gainesville
Mathers, Alex P., 3 BS	Pensacola	Montgomery, Stephen M., 2 L	Gainesville
Mathews, Edward L., G	Winter Haven	Moomaw, David E., 4 Ag	Miami
Mathews, Fred H., 1 BA	Key West	Moon, Robert C., 2 T	Marianna
Mathews, Rennolds R., 2 BA	Leesburg	Mooney, Brian G., 1 BS & 1 E	—Washington, D. C.
Mathis, Charles C., Jr., 3 L	Hastings	Moore, Charles L., 1 J	River Junction
Mathis, Charles R., Jr., 1 L	Panama City	Moore, Charles S., 1 PM	Ft. Myers
Mathis, Harvey D., 1 BA	Panama City	Moore, Fred T., 3 BS	Hibbetts, O.
Mathis, Leon E., 2 T	Panama City	Moore, John P., 1 BS	Ocala
Matthews, Earle D., 3 Ag	Homestead	Moore, Kingman C., 2 BA	Orlando
Matthews, E. Lavern, 1 T	—Ponce de Leon	Moore, Maurice L., 4 BS	Crestview
Mauzy, Henry E., 1 BA	Terraceia	Moore, Robert J., 1 PM	Lake City
Maxwell, Charles, 1 BA	Ft. Lauderdale	Moore, Za-Ida Copp, 3 J	Marianna
Maxwell, Ernest B., 3 A	So. Jacksonville	Moorhead, Max J., 1 BA & 1 E	Mt. Dora
May, George L., 3 BA	Quincy	Morales, Nestor A., 2 BA	Tampa
Mayes, William K., 2 BA	Pensacola	Moreno, Rene, 1 P	Tampa
Mayo, William T., 4 AB, So.	Jacksonville	Morgan, Curtis D., 4 BA	St. Petersburg
Mead, Eugene L., 1 Ag	Cantonment	Morgan, George E., 1 AB	—Sound Beach, Conn.
Mead, John Paul, 1 E	Cantonment	Morgan, Glenn H., 1 BA	St. Petersburg
Meadows, Washington Juliam, 1 Ag	—Ft. Pierce	Morgan, Herbert E., 1 T	Havana
Mears, J. Miriam, 2 T	Cypress	Morgan, Joseph, 2 T	Jasper
Meeker, Thomas R., 4 EE	Bonifay	Morgan, Kenneth O., 2 T	Miami
Meeth, Louis H., 3 L	New Port Richey	Morgan, Ned H., 2 EE	Jacksonville
Mehlman, George B., 2 BA	Jacksonville	Morris, Alton C., G	West Palm Beach
Mehrtrens, William O., 1 L	Jacksonville	Morris, Chas. F., 4 T	Baker
Melfton, G. T., 1 PM	Lakeland	Morris, David Charles, 1 BS	—New York, N. Y.
Menendez, Ernest M., 3 EE	Tampa	Morris, James E., 2 EE	New Smyrna
Merchant, Jay F., 1 L	Clearwater	Morris, John E., 1 BA	St. Petersburg
Merrill, George B., 5 Ag	Gainesville	Morris, Joseph R., 1 T	Jacksonville
Merritt, William H., 1 BA	Pensacola	Morris, Nelle J., G	Jacksonville
Messer, William H., 2 L	Sanford	Moscovitz, Isadore, 1 J	Jacksonville
Messler, Arthur Abbott, 5 E	Miami	Mosier, Charles L., 2 AB	Miami
Middlekauff, Willis Wm., 2 T	Orlando	Moss, Joe Leon, 5 BA	West Palm Beach
Mikell, William O., 4 BA	Ohustee	Motley, Herman H., Jr., 1 AB	—Jacksonville
Milian, Rene J., 2 BA	Tampa	Mounds, Charles E., G	Zephyrhills
Miller, Charles, 3 T	Jacksonville	Moutsatsos, Vasilios C., 2 BA	—Tarpon Springs
Miller, Dennis E., 1 T	W. Palm Beach	Moyer, Martin H., 3 L	Ft. White
Miller, Edwin L., 3 L	Orlando	Mulrennan, John A., 2 Ag	Sydney
Miller, Frank L., 1 BA	Sanford	Mulrennan, Joseph B., 2 T & 2 A	—Bloomingtondale
Miller, George J., 1 BS	So. Miami	Mumma, Jacob A., 3 AB	Jacksonville
Miller, Henry B., 4 T	Bushnell	Munger, Forrest H., 2 L	Gainesville
Miller, Jack, 4 AB	St. Petersburg	Murphree, Claude L., G	Gadsden, Ala.
Miller, Jefferson B., 3 BA	—DeFuniak Springs	Murphree, Walter E., 4 AB, Gadsden, Ala.	
Miller, J. B. Hamner, 2L	Tampa	Murphy, Sam G., 2 BA	Bradenton
Miller, L. D., 1 PM	Palatka	Musgrave, Robert Wm. S., 5 E	—St. Augustine
Miller, Ralph Wm., 4 BA	Orlando	Musselman, Randall R., 1 Ag	Dade City
Miller, Saul D., 2 BS	Brooklyn, N. Y.	Musser, Marshall C., 2 AB	St. Petersburg
Miller, Theodore W., 4 T	Trappe, Md.	Musso, Anthony, 5 P	Tampa
Miller, Wilbur K., 2 A	Orlando	Mutispough, Harold L., 3 BA	—Plant City
Miller, William W., 1 E	Tallahassee	Napier, Thomas S., 2 Ag	Miami
Millican, James H., 1 L & 3 AB	Palatka	Nasrallah, Samuel Andrew, 4 BA	—Jacksonville
Mills, Brantley R., 1 Ag	Live Oak	Neefus, James Lefferts, 1 E	Rockledge
Mills, Harrison M., 1 T & 1 BS	Archer	Neel, John Stephens, 2 AB, High Springs	
Mills, William H., 1 E	Tampa	Neff, Tom O'Neill, 2 EE	Gainesville
Milton, John D., 1 BS	Marianna	Nelson, Harold Albert, 1 PM	Tampa
Mims, William E., 2 EE	Ft. Pierce	Nelson, Melvin W., 1 L	Tampa
Minardi, John B., 2 AB	Tampa	Neuman, Herman Terris, 1 BA	—Pensacola
Mitchell, James E., 2 EE	—Winston-Salem, N. C.	Newirth, Phillip Alvin, 2 L	—Suiphur Springs
Mitchell, Horace F., 2 T	Live Oak	Neville, Joseph Hugh, 4 BS	Lakeland
Mitchell, Robert L., 3 BS	Gainesville		
Mitchell, Wm. Frank, 2 Ag	Lakeland		
Mize, Arthur G., 2 BA	—West Palm Beach		
Mize, Hilton R., 1 BA	Daytona Beach		
Mizell, Jackson, 1 AB	Fernandina		
Mizrahi, Ralph S., 3 A	Jacksonville		
Mobley, Gordon S., 2 CE	Jacksonville		

<i>Name and Classification</i>	<i>Address</i>	<i>Name and Classification</i>	<i>Address</i>
Nevling, William Edward, Jr., 1 AB	—Windber, Pa.	Parker, William Fletcher, 1 BS	—High Springs
Newbern, Copeland Davis, 2 PM	—Jarvisburg, N. C.	Parkhill, John Randolph, 2 AB	Tampa
Newbold, W. S., 1 Ag	Crescent City	Parnell, Edward Nelson, 1 T	Jensen
Newcome, Ed, 3 T	Ocala	Parrish, Jesse Jack, 1 AB	Titusville
Newkirk, B. Fred, 2 EE	Tampa	Partridge, Thomas Dale, 2 Arch	—Crescent City
Newkirk, Lester Hayes, 1 BS, Lady Lake		Paschal, George Reed, 2 T	Jacksonville
Newman, Huey Dermont, 1 AB & 1 A	—St. Petersburg	Pasco, Samuel, Jr., 1 L	Pensacola
Newsom, Edward Clarence, 3 BA	—Jacksonville	Pasco, William D., 1 BS	Pensacola
Newsom, Orris Malcolm, 1 PM, Mulberry		Patrick, Andrew Reams, 1 BS, Queenville	
Newsom, Sheldon Morris, 1 BA	—Jacksonville	Patrick, James Fairchild, 1 T	Ft. Myers
Newton, George Byrd, 2 BS	Palatka	Pa'ten, George Lloyd, 3 T	Miami
Niblack, Byron Tison, 1 BS	Ft. White	Patterson, John Gordon, 1 E	Dunnellon
Nixon, Erby Millard, 2 PM	Archer	Patterson, Julius Brown, 1 AB	Miami
Nobles, James Edwards, Jr., 4 BA	—Titusville	Patton, Ned Alexander, 1 BS	—Apalachicola
Nolan, James Henry, 3 BA	Jacksonville	Paul, Thomas, 5 E	Gainesville
Norfleet, Edward D., 1 Ag	Newberry	Peabody, Wright Willingham, 1 L, Miami	
Norfleet, John Lawless, 1 T	Newberry	Peacock, J. Troy, 2 T	Marianna
Norfleet, Paul Judson, 3 BS	Newberry	Peacock, Otis Lee, 3 BS & 3 T	Altha
Norfleet, William, 1 T	Newberry	Peacock, Wilburn Hiram, 2 BS	Perry
North, Merle Vinton, 3 T	Brooksville	Pearce, Leighton Huak, 2 PM	—St. Petersburg
Norton, Howard Melvin, 1 J	Miami	Pearson, James Tillman, 1 AB	Miami
Nunze, George Tierso, 3 BA	—Panama City	Pearson, Seibert Clinton, 3 BS	Alachua
Nunnally, Bartow Howard, 1 BA	Tampa	Pease, Theodore Kenneth, 3 Ag	—Okeechobee
Nutting, Ernest, 1 Ag	DeLand	Peckham, Stanley John, 1 BS, Lake Mary	
Nuzum, Russell Kraft, Jr., 2 PM	—St. Augustine	Pedersen, Robert William, 2 BA	Bartow
Oberdorfer, Douglas Wallace, 1 BS	—Jacksonville	Pence, Leland Hadley, 2 BS	Orlando
O'Berry, Karlyle, 2 L	Tampa	Pendergrass, Sanford Harvey, 2 A	—Macon, Ga.
O'Connell, Phillip Dillon, 2 L	Gainesville	Pendino, Joseph A., 2 PM	Tampa
Ogden, James Earl, 1 BA	Sarasota	Pepper, Louis Calvert, 3 T	Gainesville
Oliver, A. Lester, 4 CE	Gainesville	Pepper, Milton W., 1 BA, Daytona Beach	
Oliver, Don, 1 L	Kissimmee	Peetz, William Delio, 1 AB	Tampa
Oliver, Tommy Edwin, 1 T	—Panama City	Perkins, Raymond Holmes, 1 BS	—Mt. Dora
Oliver, Wayne Carter, 5 E	Dunedin	Perlman, Sol Jay, 4 ChE	Jacksonville
O'Mahoney, Jeremiah Patrick, 1 L	—New York, N. Y.	Perloff, Lewis, 2 BA	Jacksonville
Oneal, Wynstan C., 1 BA	Tampa	Permenter, Eugene L., 2 PM, Jacksonville	
Opperman, Everett Frederick, 1 E	—Greenwich, Conn.	Perine, George Alden, 3 BA, Miami	
Orcutt, Henry Philos, 2 T, St. Petersburg		Perrine, Wayne Haynor, 3 T	Gainesville
Ormsby, John Frederick, 1 B S	—St. Petersburg	Pery, E. Quinton, 1 BA	Manatee
Orr, Reuben Bennett, 3 T	Gainesville	Perry, James Roe, Jr., 4 AB	Live Oak
Otte, Burton John H., G	—Northfield, Minn.	Perry, William Geddes, 2 EE	Miami
Overstreet, Henry Wilbur, 4 CE, Havana		Petermann, Melcher Clarence, Jr., 2 CE	—Gainesville
Owen, M. N., 4 BA	Tampa	Peters, Jack Dwight, 1 BA	Sanford
Owenby, Carl Lester, 3 L	Lakeland	Peters, Paul Edward, 4 T	Chipley
Ozegowsky, Meyer M., 1 J	—Paterson, N. J.	Peterson, Frank Lon, 4 AB	Miami
Ozmer, T. A., 2 T	Fernandina	Petris, Willis Edward, 3 BS	Oakland
Packard, Freeman Gibbs, 1 BS	—St. Augustine	Phiel, Clarence Elemar, 2 T	—St. Petersburg
Padgett, Hansford Duncan, 3 BS	—Ruffin, S. C.	Phillips, Enoch Bothwell, 2 L, Gainesville	
Padgett, John Hansford, 1 BA, Gainesville		Phillips, George Whitfield, 3 BS, Lakeland	
Page, Charles Vanburen, Jr., 2 T	—Tallahassee	Phillips, William Sigman, 3 L	Tampa
Paige, Ralph Edward, 1 T	—Ft. Lauderdale	Philpott, Frank Excell, 2 T	Saint Cloud
Palmour, Charles E., 2 T	Anthony	Phipps, Frank Edward, 4 BA	—Cleveland, O.
Paris, R. T., 2 BA	Jacksonville	Pierce, Harvey Fenn, 2 EE	—West Palm Beach
Park, Robert Howard, 3 T & 3 BA	—West Palm Beach	Pierce, William Taylor, 2 CE	—Baltimore, Md.
Parker, Jack Wilmer, 1 BA	Sebring	Pillsbury, Dexter Alton, 1 BA	—Jacksonville
Parker, James Perkins, 2 L	Jacksonville	Pillsbury, Hugh Augustus, 3 A	—Jacksonville
Parker, Otis Robert, 1 T	Ft. Pierce	Pilstl, Louis Waldemar, 1 BA	—St. Petersburg
Parker, Seebler Lang, 1 E, St. Petersburg		Pinder, John McFerron, 2 ME, Islamorado	
		Pinholster, Ernest James, 1 BS	—Jacksonville
		Pinney, Charles Bartlett, 2 AB, Ft. Myers	
		Pitchford, Thomas Jefferson, 1 BA, Jensen	
		Pitman, Robert Grover, 1 T	Apopka

<i>Name and Classification</i>	<i>Address</i>	<i>Name and Classification</i>	<i>Address</i>
Pixton, Clark Edgar, 1 BS	Apopka	Reece, J. W., 1 T	Tallahassee
Platt, William Joshua, Jr., 1 Ag	—Summerfield	Reed, Howard V., 2 BS	Tampa
Platt, William Zachary, 3 L	Arcadia	Reeder, William R., 1 AB	Coconut Grove
Ploeger, Paul Hamilton, 1 BA	—Apalachicola	Reese, John L., 3 L	Pensacola
Pogue, Hanley W., 2 BA	Gainesville	Reeves, Alex D., 2 T	Gainesville
Polites, Nicholas, 3 BS	Ft. Myers	Reeves, Louie M., 2 AB	Miami
Pollock, Don Carlos, 1 BA	Jacksonville	Register, H. H., 2 EE	Lakeland
Pond, Johnnie, 2 Ag	Frostproof	Register, Oliver C., 2 PM	High Springs
Pooser, William W., Jr., 1 BA	—Jacksonville	Register, Samuel G., 1 T	Perry
Pope, Willard Marion, 3 T, Ft. Lauderdale		Reiber, Felix A., 4 Ag	Jacksonville
Poppell, Edgar Broward, 2 T	Ft. Pierce	Rencher, Robert C., 2 T	Winter Park
Porter, Charles A., 1 BA	Stuart	Renfro, Ray H., 2 CE	Tampa
Porter, Donald Roy, 1 PM, Winter Haven		Rentz, William C., 1 PM	Miami
Porter, Frank Lee, Jr., 1 PM	—West Palm Beach	Reuther, Walter, 1 BS	—Casa Grande, Ariz.
Porter, Joseph Y., 1 L	Key West	Reynolds, Jack, 1 AB	Waldo
Potter, David Wilfred, 4 A, St. Augustine		Rezeau, Irving C., 2 BS & 2 BA	Miami
Potts, Joseph Dascomb, 2 AB, Gainesville		Rhea, William A., 1 Ag	Gainesville
Powell, Charles Arthur, Jr., 2 BA	—Ft. Myers	Rhodes, Francis A., 3 T	Woodville
Powell, Zeb Vance, 2 BS	—Red Springs, N. C.	Rice, Carl Thomas, 2 EE	Umatilla
Pratt, James Clifford, 3 P	Tallahassee	Rice, George T., 1 PM	Miami
Presstman, Peter Stoner, 2 ChE	—St. Petersburg	Rice, James G., 2 ME	Gainesville
Prevatt, John Pearl, G	Gainesville	Rice, Joseph D., 4 BA	Gainesville
Prevatt, Myron Chalker, 1 Law	—Jacksonville	Rice, Owen, II, 3 ChE	Orlando
Price, John Howell, 1 T	Center Hill	Rice, William P., 3 BS	Pensacola
Price, Jos. Edwin, 4 T	St. Petersburg	Richards, James W., 3 Ag	Baker
Pricer, William Edgar, 2 BS	—Winter Haven	Richards, John L., 3 L	Tampa
Pridgen, Albert Kenneth, 1 BS, Inverness		Richards, Joseph V., 3 BA	Tampa
Pridgen, C. Leonard, 1 E	Waldo	Richards, LeRoy F., 1 T	Ellenton
Priester, Harold F., II, 2 T	Lake Butler	Richbourg, Clinton Cyrus, 2 Ag	Crestview
Proctor, Carlos R., 2 T	Tampa	Ridenour, Hawley E., 4 BA	Gainesville
Prunty, John Wm., 3 AB	Miami	Rider, Amsi L., G	Tallahassee
Pullen, Charles T., 2 BA	Branford	Ridge, William M., 2 Ag	Bartow
Pumpelly, Jack W., 5 E	Jacksonville	Rieker, William D., 1 BA	Winter Haven
Purcell, Wallace J., 2 P	St. Petersburg	Rippey, Andrew D., 2 PM	Gainesville
Purcell, Woodson N., 5 P	—Ball Ground, Ga.	Rish, Herbert M., 2 P	Wewahitchka
Purvis, Roy Lee, 1 BA	Miami	Risien, Raymond S., 2 BA	Jacksonville
Putnam, Howard Line, 4 BA	Miami	Ritter, Eugene W., 1 A	St. Louis, Mo.
Pyer, Harlow B., 1 BA	Chicago, Ill.	Rivers, Byron T., 2 A	Gainesville
Pyles, Marshall A., 4 T	—Pence Springs, W. Va.	Rivers, Thomas J., 3 L	—Green Cove Springs
Quade, Edward S., 4 BS	Jacksonville	Rivers, William J., 3 BA	Lakeland
Qually, Reuben O., 3 BA	Daytona Beach	Rivers, William Jones, 3 BA	Lakeland
Quinlan, Tom S., 3 BA	Gainesville	Robbins, John A., 4 T	Sydney
Rabinowitz, Leon H., 2 AB	Gainesville	Robbins, William R., 1 BA	Miami
Radley, Lewis H., 1 BA	Cocoa	Roberts, Bob Marris, 2 P	Trenton
Rainey, Morton H., 1 L	Jacksonville	Roberts, Clayton T., 2 T	Gainesville
Ramsey, James A., 2 T	Bristol	Roberts, George C., G	Trenton
Ramsey, Ralph H., 2 Ag	Gainesville	Roberts, John A., 1 BS	Gainesville
Rasmussen, Ellis A., 2 T	Ft. Myers	Roberts, Quintus I., 1 T	Palatka
Rathun, Frederick T., 1 A	Gainesville	Roberts, Wm. Harold, 3 Ag & 4 BS	—Homestead
Raulerson, Charles L., 1 BA	Okeechobee	Robertson, Jack James, 1 T	Ocoee
Raulerson, Leamon W., 3 T	—Crescent City	Robertson, Warren E., 2 T	—McComb, Miss.
Rawlings, John D., 1 BA	—New Harmony, Ind.	Robertson, William D., 3 AB & 1L	Milton
Rawls, V. C., 3 L	Gainesville	Robinson, Edward A., Jr., 1 BA	Miami
Ray, Jefferson G., Jr., 1 BA	Mt. Dora	Robinson, E. Roberts, 3 AB	—St. Petersburg
Rayburn, James, 2 BA	St. Augustine	Robinson, James H., 1 T	Palmetto
Raymond, John M., 1 E	Jacksonville	Robinson, Lewis Wm., 2 CE	Coral Gables
Reagan, Fred, 1 BA	St. Cloud	Robinson, W. Frank, 2 L	Leesburg
Reagin, Leslie D., 1 BA	Sarasota	Robinson, William E., 4 T	Palmetto
Reaves, Charles K., 1 AB	Tampa	Robson, Frank Y., 2 PM	Tampa
Reaves, Fred Chas., 2 EE & 2 BS	—Jacksonville	Robuck, Ernest F., 2 BA	Jacksonville
Reddish, Frank B., 1 T	Miami	Roche, Irving M., 2 J	Southport
Redmond, Adrian D., 3 AB	—Asheville, N. C.	Rockwell, Daniel T., 2 EE	Gainesville
		Rodriguez, Irving L., 1 BS	Crestview
		Roe, Wilson S., 3 ME	Gainesville
		Roe, William W., 2 Ag	Plant City
		Rogero, Al L., 1 BS	Orlando
		Rogers, Charles W., 1 BS	Live Oak
		Rogers, Frazier, G	Port Gibson, Miss.
		Rogers, Harry, 1 E	Hastings
		Rogers, John T., 3 AB	Gainesville
		Rogers, Lewis H., 2 ChE	—DeFuniak Springs

<i>Name and Classification</i>	<i>Address</i>	<i>Name and Classification</i>	<i>Address</i>
Rogers, Norman B., 2 BA	Jacksonville	Schulting, Louis B., 4 J	Gainesville
Rogers, Rollin Lee, 1 J	Ft. Pierce	Schwab, Walter H., 2 BA	Miami
Rollins, DeWitt F., G	Summerfield	Schwarzkopf, Ludwig, 1 AB,	Miami Beach
Romfh, Edward C., Jr., 3 AB	Miami	Schwartz, Ben, 1 J	St. Petersburg
Rooks, Enoch M., 1 Ag & 1 A	Alachua	Schwartz, Dan Richard, 2 L	—So. Jacksonville
Rose, Frank C., 1 BA	Miami	Schwartz, Harold C., 2 BA & 2 BS	—Jacksonville
Rose, John L., 3 J	Sioux City, Ia.	Schweitzer, Edward O., 2 Ag	—Homestead
Rose, John T., Jr., 1 L	Punta Gorda	Scofield, Orlando F., 1 T	Inverness
Rose, Thomas M., 3 T	Gainesville	Scott, Felton Winfield, 1 T	Lucern Park
Rosenberg, Mitchell Milton, 1 T	—St. Augustine	Scott, Milton F., 1 A	Miami
Rosenberg, Morris, 2 L	St. Petersburg	Scott, Russell M., 4 BA	Sebring
Rosenthal, H. M., 2 BA	—Atlantic City, N. J.	Scott, William C., 1 Ag	Haines City
Ross, John, 4 Ag	St. Petersburg	Seasted, Harold F., 2 EE & 2 BA	—Jacksonville
Ross, N. D., 4 Ag	St. Petersburg	Seay, Homer H., Jr., 2 J	Miami
Rosser, J. Barkley, G	Jacksonville	Seese, Lloyd E., 1 BS	Ft. Pierce
Rossetter, Appleton T., 1 L	Eau Gallie	Selle, Paul T., 2 BA	Gainesville
Rossetter, Chas. A., 1 BS	Eau Gallie	Sellers, Glennan David, 2 EE	Miami
Roth, Burnett, 1 BA	Orlando	Settle, Lucy B., G	Gainesville
Roth, Henry D., 1 P	Gainesville	Shackelford, James W., 1 E	Gainesville
Rothfuss, Richard R., 3 T	Bradenton	Shad, Thomas H., 1 AB	Jacksonville
Rothstein, Abe, 3 Law	Jacksonville	Shaffer, Walter W., 1 Ag	Winter Park
Rountree, James B., 2 BA	Chipley	Shahinian, Manoug H., 3 EE	Gainesville
Rowan, Fred L., 2 PM	Chattahoochee	Shands, James S., Jr., 1 AB	Jacksonville
Rowell, John T., 4 T	Perry	Shannon, S. M., 4 J	St. Petersburg
Royal, Albert B., 1 PM	Arcadia	Sharlow, Everett K., 1 BS	—So. Boca Grande
Royce, Wilbur E., 2 T	Lake Worth	Sharon, Chandler H., 1 T	Sanford
Rozear, Robert L., 4 BA	Pensacola	Sharp, Hiram F., 4 CE	Jacksonville
Rubin, Norman J., 1 PM	Miami	Shattuck, Paul S., G	Ironton, O.
Ruff, Donald S., 2 BA	Merritt	Shaw, George C., Jr., 1 P	River Junction
Russell, Carlos L., 2 BA	Miami	Sheen, Clarence E., 1 AB	—West Palm Beach
Rybolt, Howard R., 2 EE	Orlando	Shelfer, Jeff Bates, 1 BA	Quincy
Ryder, Ralph B., 2 ME	Miami	Shepard, Charles E., Jr., 1 Ag,	Wauchula
Saba, Jack, 5 BA	Orlando	Sher, Paul J., 2 PM	Sarasota
Sadler, Glendy G., 1 BS	Mt. Dora	Sherrill, William C., 1 BS	—West Palm Beach
Safer, Ben, 1 BA	Jacksonville	Shirley, John J., 4 Ag	Bradenton
Safer, Moe B., 2 L	Jacksonville	Shiver, Kenneth E., 2 ChE	Pompano
Sage, Andrew H., 2 Ag	Tarpon Springs	Shapiro, Joseph, 1 L	Miami Beach
Salley, George L., 2 AB	Tallahassee	Shouse, Arthur G., 1 T	High Springs
Salomon, Morris S., 2 L	Orlando	Shuler, Jay A., 2 L	Hosford
Sammons, Harold D., 2 BA	Tampa	Shuman, Leland J., 3 EE	Lakeland
Sample, Richard L., 4 BA	Ft. Pierce	Sibley, Robert L., 1 BS	Zephyrhills
Sanchez, Bobby, 2 BA	Live Oak	Sikes, Robert F., G	Sylvester, Ga.
Sanders, J. L., 3 EE	Tampa	Silsby, Harry Z., 2 BS	Gainesville
Sanderson, David Wm., 2 T	—West Palm Beach	Silsby, Lincoln W., 2 T,	Coronado Beach
Sands, Orilas L., 4 BA	Orlando	Simmons, Edgar A., 1 BS	Century
Sanford, Ralph S., 2 BS	Quincy	Simmons, Otice J., 1 Ag	Plant City
Sanger, Johnnie L., 4 ME	Minneola	Simmons, Paul N., 1 Ag	Plant City
Sansbury, Walter E., 3 BS	—West Palm Beach	Simmons, William P., 2 AB	Miami
Sapp, Herbert P., 2 T	Panama City	Simmons, William G., 1 PM	Jacksonville
Sapp, Howard Wm., 1 T	Panama City	Simpson, Arthur A., 3 L	Jacksonville
Sarns, Chas. L., 5 T	Gainesville	Sims, Charles O., 3 EE	Miami
Sarra, E. L., 3 L	Gainesville	Sims, William H., 4 EE	Fernandina
Sasnet, Henry H., 2 AB	Jacksonville	Sinclair, Carson F., 1 L	Winter Haven
Satcher, James W., 5 BA	Gainesville	Sinclair, H. M., 1 L	Winter Haven
Sauls, Charles E., 2 T	Tallahassee	Singletary, George I., 3 BA	Kissimmee
Saunders, Thomas D., 1 PM	—Hornell, N. Y.	Singletary, Oscar B., 1 J & 1 T	—Jacksonville
Savage, Francis C., 2 ChE	Eustis	Sinquefield, James R., 1 BA	Gainesville
Savage, Zach, G	Gainesville	Sipprell, Clayton M., 4 Ag	Palatka
Sawyer, Aubrey D., 3 A	Jacksonville	Skaggs, Kenneth G., 2 AB	Sarasota
Sawyer, Nelson B., 1 T	Jacksonville	Skemer, George H., 5 T	Tampa
Seaglione, James T., 3 P	Tampa	Skipper, Joe K., 1 L	Jacksonville
Seaglione, Peter, G	Tampa	Slaughter, Fred W., 2 BA	Palmetto
Scheurer, Charles H., 1 BA	Jacksonville	Slavin, Samuel, 3 T	Miami Beach
Schiller, Carl P., 4 T	St. Petersburg	Sloan, Robert, Jr., 1 BS	W. Palm Beach
Schirard, Charles B., 1 A	Sanford	Slott, Morris M., 1 PM	Ocala
Schirard, John R., 2 L	Sanford	Slough, Sam O., 4 Ag.	Dade City
Schirmer, Ernest E., 2 AB	Miami	Small, Arthur P., Jr., 2 BA,	Jacksonville
Schmidt, Jule E., 2 CE	St. Petersburg	Smedley, William G., 4 T	Jacksonville
Schomburg, J. Sherwood, 1 BS,	Lakeland	Smith, Bonnie O., 5 T	Wewahitchka
Schoenborn, Robert M., 2 ChE	Tampa	Smith, Charles A., 1 BA	Reddick
Scholze, Robert E., 3 L	Miami		
Schroeder, Broster J., 5 T	Stuart		

Name and Classification	Address	Name and Classification	Address
Smith, Charles Bassel, 1 T	Ft. Pierce	Stewart, Selden L., 3 ME	LaBelle
Smith, Clarence E., 1 BS	Jacksonville	Stewart, Thomas N., 3 AB	Vero Beach
Smith, C. Mills, 3 BA	Jacksonville	Stock, Joseph C., 3 T	Interlachen
Smith, Daniel C., 2 BA	Center Hill	Stockfisch, Raymond H., 1 AB	Belleview
Smith, Dwight C., 1 AB	W. Palm Beach	Stoker, LeRoy E., 2 BA	Winnetka, Ill.
Smith, Elton, 3 BS	Jacksonville	Stokes, Joseph B., 1 BS	Bronson
Smith, E. Willard, 1 BA	Bradenton	Stokes, John P., 1 L	Miami
Smith, Gerald, 5 T	Wilmington, O.	Stone, Alden G., 4 ME	Tampa
Smith, George T., 3 Ag	Winter Garden	Stone, Bryant M., 3 P	St. Petersburg
Smith, Guy F., 4 T	Altoona	Stone, Nobbie H., 3 T	Port St. Joe
Smith, James M., Jr., 1 L	Reddick	Stone, Ralph R., 3 CE	Miami
Smith, Joseph B., 1 E	Tampa	Stone, Wilbur C., 3 L	St. Petersburg
Smith, Kenneth H., 2 P	Lakeland	Storey, Norman W., 1 AB	Clewiston
Smith, Lueal L., 1 BS	Dunnellon	Stoun, Meyer J., 1 BA	Tampa
Smith, Marshall E., 1 BS	Tampa	Stowers, Joseph M., 2 T	Gainesville
Smith, Nedam E., 2 BA	Gainesville	Strickler, Ira W., 2 BA	Miami
Smith, Platt T., 2 BA	Mulberry	Stringer, Orum K., 2 BA	Lakeland
Smith, Raymond L., 4 EE, So.	Jacksonville	Stroman, Watts B., 1 Ag	Orangeburg, S. C.
Smith, Thomas E., 2 AB	Panama City	Stubbs, Horace W., 1 PM	Miami
Smith, Thomas Jennings, 1 J,	Jacksonville	Stuckey, Alan Patterson, 1 T	Sarasota
Smith, Thomas John, 1 AB	Miami	Sturges, Wilton, Jr., 2 BS	Ft. Lauderdale
Smith, William J., 2 BA	Winter Haven	Sturn, Gerald W., 1 L	Sarasota
Smith, W. Roy, 1 T	Wauchula	Sult, William M., 2 L	Lakeland
Snyder, Harry M., 2 BA	St. Augustine	Summers, Adolphus E., 2 L,	High Springs
Snyder, Louis Frank, 2 EE	Miami	Swaine, Jack R., 2 ChE	Pensacola
Soar, W. Stanton, 2 AB	Miami	Swaya, Sam John, 2 BA	Jacksonville
Sobol, Hyman B., 3 T	Gainesville	Swearingen, William B., 2 AB	Bartow
Sompayrac, Lauren M., 3 BS,	Jacksonville	Sweat, Thomas W., 5 T	Live Oak
Sorrels, Fred E., 1 PM	St. Petersburg	Sweat, Wesley A., 3 CE	Mulberry
Southworth, Asahel D., 1 BS	Northfield, Minn.	Swindell, Frank A., 1 BS	Pensacola
Spann, Emmett B., 1 BS	Holopaw	Swoope, Henry C., 2 BS	New Smyrna
Sparkman, Bascome W., 1 P M	Plant City	Takahashi, Nelson, 3 ChE	Gainesville
Sparks, Morgan H., 1 A	Daytona Beach	Talbert, J. Byron, 1 T	Vero Beach
Speh, Carl G., 1 BS	Jacksonville	Tandy, Joe L., 1 Yr. Ag	Biltmore, N. C.
Speh, Paul E., 2 ChE	Jackson	Tapper, William R., 1 BA	Port St. Joe
Spence, Edmund A., 1 BA	Sturgis, Mich.	Taran, Alexander D., 1 E	Miami
Spencer, Allen W., 2 P	Sarasota	Taylor, Calfrey W., 4 BA	Plant City
Spencer, Charles E., 1 AB	Sanford	Taylor, Carney H., 1 BA	Plant City
Spencer, Herbert E., 1 BA	Gainesville	Taylor, Charles F., 1 T	Pensacola
Sperling, Max F., 2 PM	Miami	Taylor, Clyde, Jr., 1 PM	Jacksonville
Spicola, Guy C., 1 BA	Tampa	Taylor, David B., 3 Ag	Chicago, Ill.
Spitler, Cecil S., 1 E	Jacksonville	Taylor, Maurice E., 5 T	Dade City
Spitz, Charles H., 1 AB	Trenton	Taylor, Richard P., 1 PM	Jacksonville
Spitzer, Arthur Wm., 1 BS	Miami	Tedder, Paul Mathew, 2 EE	Canal Point
Spurlock, Alvin H., 3 T	Milton	Teder, W. L., 3 L	Live Oak
Stadler, John B., 4 BA	Coral Gables	Tenney, A. W., 4 T	Ten Mile, W. Va.
Staf, Lawrence H., 5 T	Providence, R. I.	Terry, Carroll B., 2 T	Oceoc
Stanley, Richard H., 2 EE	Winter Garden	Terry, Charles E., 1 T	Orlando
Stanly, George B., 3 L	Ft. Lauderdale	Thach, Harry S., 5 T	Tampa
Stansfield, Charles A., 2 T	Wauchula	Thames, George W., 2 BA	Jacksonville
Stansfield, Wm. A., 4 ME	Tampa	Thoburn, Robert, 2 PM	Daytona Beach
Stanton, Gordon M., 1 T	Hastings	Thomas, Carey J., 2 J	Jacksonville
Stanwix-Hay, Allen Thomas, 1 E	Jacksonville	Thomas, David B., 1 T	So. Jacksonville
Starling, Sylvester S., 2 AB	Orlando	Thomas, John H., 3 BS	Gainesville
Starnes, F. E., 2 L	Ft. Myers	Thomas, John W., 2 P	High Springs
Stearns, George L., G	Jacksonville	Thomas, Richard G., 3 Ag,	Palm Harbor
Steed, Arthur L., 2 AB	Kissimmee	Thomas, Robert Yates H., 3 BS	Jacksonville
Steele, James H., 3 BA	Tampa	Thomas, T. S., 1 T	Lawtey
Steen, Vernon C., G	Gainesville	Thomas, W. L., 3 L	Palm Harbor
Stenstrom, Eric C., 2 L	Wauchula	Thompson, Arthur R., 1 L,	St. Petersburg
Stephen, Edgar G., G	Hastings	Thompson, John G., 1 L	Miami
Stephens, Bunyan M., 2 T	Tallahassee	Thompson, Pierce John, 5 P	Gainesville
Stephens, H. A., 3 BA	Sarasota	Thompson, Robert A., 2 ME	Miami
Stephens, Willis L., 2 A	Jacksonville	Thornal, Benj. Campbell, 3 L	Orlando
Stevens, Thomas E., 1 E	Gainesville	Thronson, Silas M., G	Houston, Minn.
Stewart, A. Courtney, Jr., 4 A	Ft. Lauderdale	Tilford, John W., 1 E	Pensacola
Stewart, Hugh H., 1 T	LaBelle	Toffaletti, Louis J., 2 BS	Ocala
Stewart, Harry W., 1 L	Jacksonville	Tolbert, B. A., G	Gainesville
Stewart, Harry W., 1 E	Inverness	Tomlinson, L. W., 2 L	Lake Wales
Stewart, James A., 2 CE	Naples	Tompkins, Harold I., 3 BS	Tampa
Stewart, Robert W., 2 Ag	Leesburg	Toole, Mike H., 1 P	Cottondale
		Toomer, Jack W., 1 AB	Ortega
		Toph, Guy W., 1 T	Tampa
		Touchton, Charles F., 1 PM	Gainesville
		Tower, John B., 3 BS	Homestead

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Trafton, David C., 4 EE	St. Petersburg	Walton, Fred J., 2 T	St. Augustine
Trask, William G., 1 Ag	Bartow	Walton, William M., 2 ChE & 2 BS	— Pompano
Traylor, Charles S., 3 BA	Jacksonville	Wampler, Sam J., 2 T	Miami Beach
Treadwell, Thomas A., G	Gainesville	Wann, John L., G	Silverwood, Ind.
Trieste, Chas. W., 1 E	Waldo	Ward, Fred C., G	Eustis
Troxler, Walter G., 3 L	Ocala	Ward, John G., Jr., 2 T	Gainesville
Tsavolopoulos, Peter M., 1 BA	—Tarpon Springs	Ware, Raymond R., 1 BA	Mayo
Tucker, Woodson C., Jr., G	Miami	Waring, Charles W., 2 EE	Tampa
Tugwell, Wilton E., 2 PM	Pensacola	Warnock, Harry C., 2 BA	Jacksonville
Tully, Albert P., 2 T	Tallahassee	Warren, Dewitt E., 3 BA	Sarasota
Tulumaris, John Constantine, 1 E	—Tarpon Springs	Warren, Lamar G., 1 BA	Palatka
Tunnell, Jack H., 2 T	Palatka	Warren, Richard, 3 T	Gainesville
Turner, Drew H., 2 PM	Ocala	Wass, Howard F., 4 BA	Miami
Turner, Glover M., G	Jacksonville	Waters, Dale B., 2 T	New Castle, Ind.
Turner, James H., 1 A, Spartanburg, S. C.		Waters, John D., 2 Ag	Muscogee
Turner, Jesse Lee, 3 T	Jacksonville	Watkins, George C., 1 BS	Coleman
Tyler, Harold A., 1 AB	Tampa	Watkins, Jim, 3 BA	Llano, Texas
Tyler, Neal F., 1 AB	Jacksonville	Watkins, John V., G	Lakeland
Tyndall, Kermit R., 1 BS	Winter Garden	Watrous, Thomas M., 2 L	Tampa
Uchoa, Jose J. M., 5 Ag. Paris IX, France		Watson, William B., 2 L	Jacksonville
Ufford, Joel C., 3 EE	Winter Park	Watts, John D., 1 BS, West	Palm Beach
Underwood, Robert F., 2 BA	—Winter Haven	Waugh, Joseph E., G	Gainesville
Unkrich, Robert C., 3 BA, Daytona Beach		Way, Caryl S., 2 Ag	Jacksonville
Untreiner, Royal J., 3 L	Pensacola	Weadock, Howard A., 1 AB, West	Palm Beach
Vaccaro, Joseph A., 2 L	Tampa	Weaver, Allen L., Jr., 1 PM	Lake Wales
VanBrunt, Richard H., 1 T	Tallahassee	Weaver, Leon F., 1 BS	Crystal River
VanCleaf, Clinton B., 5 Ag	Glenwood	Webb, Alex Lee, 4 EE	Jacksonville
Vandriente, William A., 1 BA	Bradenton	Webb, Herbert M., 2 T	Lakeland
Vaneepol, Paul, 1 Yr. Ag	Tampa	Webb, Robert H., 2 Ag	Winter Haven
Van Horn, Hugh C., 2 EE	Valdosta, Ga.	Weed, Robert P., 1 L	Corbin, Ky.
Vanlandingham, Herbert C., 1 BS	—West Palm Beach	Weeks, Howell T., 2 T	Trenton
Vansickel, Dale H., 4 T	Gainesville	Weeks, Lester R., 1 T	Trenton
Varn, Myron M., 4 Ag	St. Augustine	Weeks, William T., 1 T	Newberry
Vassie, John E., 1 E	Mulberry	Weil, Joseph, G	Baltimore, Md.
Vaughan, Harold E., 3 BA	—Louisville, Ky.	Weinberger, Harold M., 1 BA	—St. Augustine
Veen, J. Robert, 1 BS	Palmetto	Weinkle, Abraham M., 5 E	Jacksonville
Vega, Celestino C., Jr., 3 L	Tampa	Weinstein, Julian J., 2 PM, St. Augustine	
Verri, Joe Peter, 2 BA	Tampa	Weisner, John T., 1 T	Waldo
Vickery, Charles L., 2 BA	Panama City	Welch, Arnold D., 4 P	Zephyrhills
Vincent, Wirt J., 3 EE	Lecanto	Welch, Norman K., 1 J	Gainesville
Vining, Eugene T., 2 PM	Tampa	Weller, Cleland N., 1 BS	Sarasota
Vogler, Charles W., 3 T	Gainesville	Welles, Benjamin F., 2 BA	Arcadia
Voorhees, Richard K., 4 Ag	Cantonment	Wells, Sam L., 5 Ag	Gainesville
Voorhis, Joseph M., 2 BA	Ft. Myers	Wells, Sidney W., 5 Ag	Winter Haven
Voorhis, Robert T., 1 BA	Ft. Myers	Wentworth, George P., 1 AB	Pensacola
Wahl, Harold B., 1 L & 3 AB	Cocoa	West, James, 2 T	Bushnell
Wahl, John H., Jr., 3 T & 1 L	Cocoa	West, Lloyd E., G	Wisner, Neb.
Wahlberg, Joel F., 3 T	Winter Park	West, Thomas F., 3 L	Pensacola
Wakefield, John W., 2 CE	Apalachicola	Westbrook, John C., 2 AB	Sebring
Waldron, Jesse C., Jr., 2 T	Chiefland	Westbury, Harry E., 3 T	Gainesville
Walker, Charlie F., 4 Ag	Miami	Westergaard, Arthur, 1 P	Tampa
Walker, Charles H., 2 BA	Pensacola	Wetstein, Max E., 3 BA	Orlando
Walker, Claudius J., 1 Yr. Ag	—Miami Beach	Wheeler, Bureau K., 5 Ag	Cohutta, Ga.
Walker, J. G., 1 BS	Tampa	Whiddon, Jimmie C., 4 BA, Chattahoochee	
Walker, Julius C., 2 BA	Bradenton	Whitaker, Daniel B., Jr., 1 L	Tampa
Walker, Ralph J., 1 BS	Ocoee	Whitaker, Hugh, 1 BS	Tallahassee
Walker, Robert D., 1 BS	High Springs	White, Jimmie E., 1 T	Camp
Walker, Robert E., 3 CE	Whitney	White, Millard B., 2 PM	Bradenton
Walker, Rudolph B., 2 T	Kissimmee	White, Robert N., 3 BA	Mt. Dora
Walker, Shade W., 2 L	Tampa	Whitener, Robert C., 1 BA	Tampa
Walker, Thomas B., 1 BA	Miami	White'side, Thurman A., 1 T	Miami
Walker, Victor H., 1 BA	Miami	Whitefield, Garod, 1 Ag	Bell
Walker, William P., 1 E	Olga	Whitefield, William K., 2 T	Tallahassee
Wall, Samuel M., 5 CE	Gainesville	Whittaker, Heskin A., 1 BA	Orlando
Wallace, Sam D., 3 L	Griffin, Ga.	Whittam, Benjamin, Jr., 3 BA, Gainesville	
Wallace, Wilmore, 1 BA	Bradenton	Whitton, Frank C., 5 T	Plant City
Walrath, Laurence K., 3 AB	—Keystone Heights	Wiengs, Calvin L., 1 BS	Jacksonville
Walsh, Stephen E., 2 T	Hartford, Conn.	Wigginton, A. Murray, 4 BA	Miami
Walsh, Tracy R., 4 EE	Pensacola	Wigginton, Jesse N., Jr., 1 BA	Frink
Walton, Francis R., 1 A	Daytona Beach	Wigginton, John T., 1 L	Miami
		Wilensky, Joseph S., 1 L & 3 AB	—Jacksonville
		Wilkerson, Hugh C., 1 BS	Bushnell
		Wilkes, John F., 1 E	Jacksonville

<i>Name and Classification</i>	<i>Address</i>	<i>Name and Classification</i>	<i>Address</i>
Wilkins, Colbert Wm., 1 E	Tampa	Wood, Harry E., G	Evinston
Wilkinson, Carroll W., 2 T	Hastings	Woodall, John H., 1 BS	Lakeland
Wilkinson, Robert Wm., Jr., 2 T	Jasper	Woodbery, Robert M., 4 AB	Orlando
Willes, Errol S., 3 L	Jensen	Woodward, Henry E., 1 PM	Tampa
Williams, Ashbell C., 3 BS	Jacksonville	Woodward, Walter H., 2 AB	Marianna
Williams, Bruce W., 3 T	Punta Gorda	Woodward, Wm. E., 2 L	Quincy
Williams, Charles A., 1 L	Miami	Woods, James P., 2 L	Perry
Williams, C. M., G	Gainesville	Woolstair, John K., 1 BA	Ft. Myers
Williams, Clemmie B., 3 Ag	Sebring	Wooten, J. D., 2 T	DeFuniak Springs
Williams, David, 2 BA	Jacksonville	Wooten, Robert B., G	—Lewis Turnout, S. C.
Williams, Donald G., 1 T	Tampa	Wooten, Robert C., 2 BA	Tampa
Williams, Donald K., 2 BA	Tampa	Workizer, John Chas., 3 T	St. Petersburg
Williams, Edwin L., 4 T	Fort Meade	Wortham, Arthur U., 1 E	Jensen
Williams, Gordon L., 2 CE	Jupiter	Wotitzky, Leo., 1 AB	Punta Gorda
Williams, Reginald L., 1 AB	Tampa	Wright, Fred D., 1 Ag	Winter Garden
Williams, Richard S., 3 J	Tampa	Wright, Frank S., 5 J	Jacksonville
Williams, Thomas H., 1 L	Lake City	Wulf, Robert F., 2 BS	Gainesville
Willis, Walker D., Jr., 3 A	Pensacola	Wylie, James M., 1 BA	Orlando
Wilmot, Royal J., G	Loughman	Wynn, Walter P., 1 BS	Laurel Hill
Wilson, Alfred E., 2 L & 4 AB	—Bradenton	Yancey, Charles B., 1 L	Umatilla
Wilson, Chas. Rummell, 2 ME	—West Palm Beach	Yancey, Hervey H., 2 L	Port Tampa
Wilson, George T., 4 ChE	Sanford	Yarbrough, Lucien B., 2 L	Nashville
Wilson, Harold G., 2 Ag	Terra Ceia	Yarnall, Frank D., 3 ME	Winter Park
Wilson, John W., 5 EE	Sanford	Yarnall, William D., 2 T	Winter Park
Wilson, Warren R., 1 T	Tampa	Yates, Chester Robert, 2 T	Plant City
Wind, Andrew E., 2 T	Sarasota	Yeats, Robert S., G	Tampa
Winderweelde, William E., 2 L	Day	Yedvob, Reuben C., 1 BS, Meriden, Conn.	Meriden, Conn.
Winfree, Woodson C., Jr., 2 EE, Leesburg	Leesburg	Yingling, David, 1 E	Johnstown, Penna.
Wing, Kenneth M., 2 T	Bayard	York, Maurice A., 1 T	Melrose
Wingate, Homer D., 5 BA	Gainesville	York, Thomas J., 3 BA	Tampa
Wingert, Earl P., 3 Ch. E	—Punxsutawney, Penna.	Young, Gordon E., 1 E	Tarpon Springs
Winter, Harry C., G, Water Valley, Miss.	Water Valley, Miss.	Young, Hugh, Jr., 2 J	Everglades
Wise, Jacob H., 3 L	Gallatin, Tenn.	Young, Martin G., G	Vero Beach
Wiygul, Roland B., 1 A & 1 BA	—Winter Garden	Young, Rogers W., 3 T	Tallahassee
Wolcott, John Lucien, 3 ME	Orlando	Yowell, Newton P., 1 T	Orlando
Wolfe, Joseph E., 2 L	Miami	Zemp, Sidney T., 3 P	Camden, S. C.
Wolfe, Lyndsay C., 1 E	Tampa	Ziegler, Louis Wm., 5 Ag	Fern Park
Wolfe, Oscar E., 1 PM	Lakeland	Zimmerman, Louis L., 1 BA	Miami
Wolff, George R., 3 BS	Orlando	Zimmerman, Paul A., 2 BS	Miami
Wood, Fred Wm., 1 Ag	—Green Cove Springs	Zimmerman, William C., 2 Ag	Miami
		Ziblatt, Jack, 1 PM	Paterson, N. J.
		Zoller, Albert S., 1 BA	Bradenton
		Zonn, Harold L., 1 PM	Miami

STUDENT ROLL

SUMMER SESSION 1930

The Classification of Summer Session Students is indicated by the following abbreviations:

A & S—College of Arts and Sciences; Ag—College of Agriculture; C & J—College of Commerce and Journalism; G—Graduate School; L—College of Law; T—Teachers College.

<i>Name and Classification</i>	<i>Address</i>	<i>Name and Classification</i>	<i>Address</i>
Abbott, Ottie C. (Mrs.), T	Tampa	Anderson, Clara Elna, T	—Green Cove Springs
Abbott, Richard E., A&S	Gainesville	Anderson, Faris Wm., L	Orlando
Abrams, Hollin B., T	Gainesville	Anderson, Frank S., A&S	Richmond, Va.
Adamo, Angelina S., T	Tampa	Anderson, Ida Marguerite, T	Mulberry
Adams, Clarice L., T	Trenton	Anderson, Jane, A&S	Gainesville
Adams, Clifford L., A&S	Jasper	Anderson, Lucretia S., T	Live Oak
Adams, Orieska M., T	Bonifay	Anderson, Livingston V., A&S	Bronson
Addison, Joe G., A&S	Punta Gorda	Anderson, Robert T., C&J	Gainesville
Ahrano, Fritz Wm., C&J	Tampa	Anderson, Rose M. (Mrs.), T	—Jacksonville
Albury, Beulah M. (Mrs.), T	Miami	Anderson, Thomas J., T	Pensacola
Allen, Canj I., T	Bushnell	Anderson, Wallace, A&S	Tampa
Alexander, Thomas, T	Tampa	Andrews, Fannie M., T	Ocala
Altman, Carrie R. (Mrs.), T	Wauchula	Anthony, Elizabeth F., T	Lecanto
Altman, Robert D., T	Wauchula	Anthony, John W., T	Lecanto
Ames, Ethel P. (Mrs.), T	Loughman	Anthony, John W. (Mrs.), T	Lecanto
Amos, Edna E., T	South Jacksonville	Applby, Sara A., T	Jacksonville
Anders, Ella M. (Mrs.), T	—Green Cove Springs	Armstrong, Leo H., T	Manatee
Anderson, Archie N., T	Ponce de Leon	Armstrong, Noble B., G	Daytona Beach
Anderson, Arthur L., L	Tampa	Arnett, Lillie Mae, C&J	Ft. Pierce

<i>Name and Classification</i>	<i>Address</i>	<i>Name and Classification</i>	<i>Address</i>
Ashburn, Bernice L., A&S	Gainesville	Bowman, Marion F., G	St. Leo
Askburn, Constance D., A&S	Gainesville	Bowyer, Ernest J., T	Lakeland
Axtell, Reginald R., L	Jacksonville	Boyd, William W., A&S	Clermont
Aycock, Pearl, A&S	Micro, N. C.	Boyer, Edna Y. (Mrs.), T	Weirsdale
Aycock, Lela, T	Dunn, N. C.	Boyer, Oliva, T	Weirsdale
Ayers, Lucille A., T	Dade City	Bozarth, Evelyn K. (Mrs.), G	Orlando
Ayres, Fred D., G	Gainesville	Bradley, Mary Ann, T	Century
Babers, Henry J., A&S	Gainesville	Bradshaw, Donald G., C&J	Lake Jovita
Babich, Peter, G	Winter Park	Brandon, Avis, T	Tampa
Baer, Allan O., C&J	Lakeland	Brantly, Margaree, T	Clermont
Bailey, Annie B., T	Port Tampa City	Braven, Herbert H., T	Daytona Beach
Bailey, Miriam H. (Mrs.), T	Pt. Myers	Bridges, Ernest, G	Maples
Bailey, Wilfred G., L	Gainesville	Brinson, Edison M., A&S	Starke
Baird, Hazel L., A&S	Gainesville	Brinson, Vera H., T	Ocala
Baker, Genevieve (Mrs.), T	Lake Worth	Broadmerkle, Alex H., G	Jacksonville
Baker, Robert B., A&S	Hawthorne	Bromaghim, Gilbert E., A&S	Miami
Baldwin, Annie (Mrs.), T	Alachua	Brothers, Shelby L., Ag	Gainesville
Balosok, Gertrude, T	Arcadia	Brown, Benny Arden, T	Coral Gables
Balosok, Tillie, C&J	Arcadia	Brown, Clyde R., L	Graceville
Barge, Susie K. (Mrs.), T	Ocala	Brown, Eileen F. (Mrs.), A&S	Gainesville
Barksdale, Geo. E., A&S	Tavares	Brown, J. Colvin, G	Barberville
Barnes, Grace, T	Miami	Brown, J. E., T	Ocala
Barr, Lacey G. (Mrs.), T	Lake Worth	Brown, Jeannette, T	Lake Butler
Bartlett, Elsie O. (Mrs.), T	St. Cloud	Brown, Joseph Perley, T	Mascotte
Baser, Hazel K. (Mrs.), T	Myakka City	Brown, Marie H. (Mrs.), T	Tampa
Bass, Clayton C., T	Live Oak	Brown, Mercedes, T	Daytona Beach
Bass, Nellie, T	Live Oak	Brown, Merritt, T	Panama City
Bass, Nettie, T	Live Oak	Brown, Sadie M., T	Orlando
Bassett, Edna L., T	Tampa	Brown, William F., L	Miami
Bates, Leith, T	St. Petersburg	Browne, Fae R., T	Lake Wales
Bates, Sue E., T	Interlachen	Bubaker, Nellie M. (Mrs.), T	—St. Augustine
Baxter, John F., T	Gainesville	Brumley, George Wm., A&S	Gainesville
Bazemore, Ruth Alys (Mrs.), T	Plant City	Bruner, Bernice W. (Mrs.), T	Marianna
Beacom, Ester B. (Mrs.), T	Callahan	Bryan, Clara B. (Mrs.), T	Tampa
Beacom, Wesley L., G	Callahan	Bryan, Pauline, C&J	Gainesville
Dean, Dorothy, T	Bronson	Bryant, Esther M. (Mrs.), T	Gainesville
Bean, Eleanor, T	Bronson	Bryant, La Forie, T	Wauchula
Beasley, Clarence W., T	Gainesville	Bryson, John A., T	Jacksonville
Beasley, Oscar A., A&S	Umatilla	Buchanan, Frances W., T	Sarasota
Beck, Dow G., G	Ocala	Buchanan, Loy M., T	Gainesville
Beck, Mabel K., T	Ocala	Buckels, Lucille, T	Jasper
Beckman, William W., A&S	—St. Petersburg	Buchholz, Albert W., T	Tampa
Bcdsole, Malcolm R., G	Graceville	Buje, Lillie, T	Bonifay
Reggs, Rose Gradish (Mrs.), T	—Jacksonville	Bull, F. B., L	Gainesville
Belcher, Frances, T	Largo	Burgess, Josephine S., T	St. Augustine
Bell, Jack Parsons, T	Gainesville	Burghard, Cora Jackson, T	Macon, Ga.
Bell, Mary F., A&S	Arcadia	Purleson, Elta, G	Gainesville
Bell, Stuart C., Ag	Barberville	Lurnett, James, A&S	Gainesville
Bell, Tom D., A&S	Arcadia	Burnett, Minnie M., T	New Smyrna
Bellerby, Katherine C. (Mrs.), T	—St. Petersburg	Burnham, Mary M., T	Gainesville
Bennett, Kathryn Re Jean (Mrs.), T	—Miami	Burns, Paul M., T	Gainesville
Benne't, Montine, T	Sarasota	Burroughs, Ida B., T	Sycamore, Ga.
Berman, Eva M., T	Jacksonville	Butler, Byron N., L	Chipley
Berry, Frances, A&S	Dade City	Butler, Estelle, T	Lakeland
Berry, F. J., T	Pierce	Byrd, I. T., T	Jasper
Bethae, Giles W., T	Sanderson	Byrons, Edna Frances, T	Pomona
Bethune, Nell, T	Tampa	Cadwallader, Florence H. (Mrs.), T	Miami
Bielling, Alberta N., T	Lake Butler	Cain, Thomas L., G	Cocoa
Bishop, Rebecca, T	Reddick	Caldwell, Jonathan Q., T	DeLand
Black, Robert C., C&J	Plant City	Caldwell, Pansy B. (Mrs.), T	DeLand
Blackburn, Virginia A. (Mrs.), T	—Gainesville	Calfee, Ethel, T	Jay
Blackburn, Walter E., G	Gainesville	Callahan, Mabel P. (Mrs.), T	Hialeah
Blair, Collis C., T	Quincy	Cameron, Miriam M., T	Jacksonville
Blake, Robert G., T	Tallahassee	Camp, Doris A., T	Mt. Dora
Blalock, Lewis F., C&J	Ocala	Camp, Tevila A., T	Mt. Dora
Blodsoe, Debbie (Mrs.), T	Lithia	Campbell, Byron F., L	Hilliard
Bloedel, Raymond A., C&J	Miami	Cannon, Agadene, T	Jay
Bogart, John A., A&S	Gainesville	Cannon, Cleo E., T	Falmouth
Bolles, Elvira H., T	Tampashores	Cannon, Laura P., T	Dunnellon
Bond, Wm. Bours, L	Jacksonville	Caraballo, Martin, L	Tampa
Boozer, Elwin C., L	West Palm Beach	Carey, Miriam E., T	Key West
Boulware, John H., T	Lakeland	Carlisle, Minnie L., T	Ocala
		Carlton, Alberta M., T	Jacksonville
		Carn, Mary, T	Citra
		Carnow, Theodore Ted, A&S	Jacksonville
		Carr, Julian Gray, Ag	Miami

<i>Name and Classification</i>	<i>Address</i>	<i>Name and Classification</i>	<i>Address</i>
Carson, Eugenia A. (Mrs.), A&S	- Gainesville	Crozier, Rachel F., G	Okeechobee
Carson, Russell B., A&S	Gainesville	Culpepper, John Barco, C&J	Gainesville
Carter, Edgar White, G	Hilliard	Culpepper, John Broward, A&S	Perry
Carter, Mary, T	Okeechobee	Cumming, Fannie, T	Tampa
Cary, Ruby May, T	St. Petersburg	Curry, Mary A., T	Manatee
Casey, Mabel C., T	Dade City	Curry, S ella Virginia, T	Jacksonville
Cason, R. S., L	Delray Beach	Curtis, Donald C., L	Lake Wales
Cason, Virgie, M., T	Wellborn	Curtis, Russell E., C&J	Lake Worth
Cassels, William L., A&S	Plant City	Cusie, Eleanor, T	Jacksonville
Castelleiro, Marion, A&S	Tampa	Dalquist, Winifred L., T	Ft. Lauderdale
Cauthen, Mattie Lee, T	Leesburg	Daley, Sarah L. (Mrs.), T	-
Chafin, Ruby J., T	Ocoee	Daniel, Romie Lee, T	West Palm Beach
Chamberlain, Ruth M. (Mrs.), T, Mt. Dora	-	Dankwertz, Louis F., T	Dade City
Chambers, Sallie S. (Mrs.), T, Weirsdale	-	Dankwertz, Louis F., T	Summerfield
Chapman, Excella (Mrs.), T	Webster	Dauer, Martha (Mrs.), T	Tampa
Chapman, Mattie G., G	Winter Garden	Dauer, Manning S., T	Tampa
Chastain, Bernice R., T	Tampa	Daugherty, Ralph E., A&S	Lakeland
Chisholm, Ella T. (Mrs.), T	Jacksonville	Daughtrey, Blanche (Mrs.), T	-
Chitty, Virginia, C&J	Gainesville	-	Bradenton
Christman, Pearl E. (Mrs.), T	- Jacksonville	Davidson, Evelyn (Mrs.), T	Waldo
Christo, James E., T	Gainesville	Davidson, Watson P., G	Waldo
Church, Alice L., T	Eustis	Davis, Annie E., T	Jacksonville
Clarke, William E., A&S	Jacksonville	Davis, Charles S., C&J	Lake Helen
Clement, Gertrude R., T	Bartow	Davis, D. M., Ag	Frostproof
Clevenger, Earl C., G	St. Cloud	Davis, F. Loca, T	Frostproof
Coarsey, Marguerite E. (Mrs.), T, Coleman	-	Davis, Joseph I., L	Miami
Cochran, Frances C., T	Key West	Davis, Lynn R., T	Lake Helen
Cockrell, Caroline B., T	Gainesville	Davis, Leona S. (Mrs.), T	Babson Park
Cocowitch, Edna M., G	Dunnellon	Davis, Meme Piatt, T	Ocala
Coil, Hugh, T	Clearwater	Dean, Arnold Walker, G	Gainesville
Coit, Charles Kilburn, A&S	Clearwater	DeBerry, Jessie M., T	Okeechobee
Colcord, Eleita M. (Mrs.), T	Ft. Myers	Decker, Bil Marion, T	Jacksonville
Coleman, Burnis T, L	Gainesville	Deford, Deane C., T	Gainesville
Coleman, Donald James, A&S	- Winter Haven	DeHoff, Philip D., L	Jacksonville
-	-	Dell, Mildred M. (Mrs.), T	Jacksonville
Coleman, Essie, T	Olustee	Denmark, Ewell Thomas, T	Gainesville
Collins, Eloise G., T	San Mateo	DeShong, Virginia (Mrs.), T	Tampa
Collins, Ethel E., T	Bushnell	Devore, Wm. Ellert, Ag	Citra
Collins, Leo V., C&J	Lake City	Dew, Lynne Bernice, G	Alachua
Collins, Lucile M., T	St. Augustine	Dickenson, T. E. (Mrs.), T	Ocala
Collins, Sarah L., T	Jacksonville	Dickinson, Clarence L., T	Alachua
Collins, Thomas E., Ag	Bartow	Dickson, Mary L., T	McIntosh
Colson, Dorothy, T	Trenton	Diffenworth, Julia M., T	St. Petersburg
Cone, Fred, T	Gainesville	Dobarganes, Winifred T. (Mrs.)	-
Connell, Margaret E., T	Manatee	-	Jacksonville
Connell, Willie May, T	Manatee	Dodd, Campie O., A&S	Nauvoo, Ala.
Connor, Jerome A., G	Pensacola	Dodson, Charles L., G	Gainesville
Connor, William Harris, A&S, Gainesville	-	Dolive, Clarke, L	Orlando
Coody, Willie Mae, T	Lemturner	Donavan, Nettie Will, A&S	Marion, Ala.
Cook, Frederick, A&S	Ocala	Dongo, Jos. H., L	Key West
Cook, Ruth, T	LeBelle	Donnelly, Wallace O., A&S	Gainesville
Cooksey, F. Juanita, T	Lamont	Dopp, Lena M., T	Limona
Cone, Charles F., T	Gainesville	Doty, Julia, G	DeLand
Cormack, Clara H. (Mrs.), T	- West Palm Beach	Douglas, Barton T., L	Gainesville
-	-	Dreblow, Charles J., C&J	Centreville
Cornelius, Oswald, A&S	Tampa	Dreher, Mary Z. (Mrs.), T	Micanopy
Cornwell, Sam, L, G	Bradenton	Driver, Janie, T	Bonifay
Corr, Alys May, G	Gainesville	Dubler, Sheldon, L	Miami
Corton, Edith L., T	Apopka	Duchesney, Pearl W., T	Jacksonville
Cowan, Lula Ettie, T	Lakeland	Dugan, Auldron B., J, G	St. Petersburg
Cowden, Maude (Mrs.), T	St. Cloud	Dugger, Nealie L., T	Macclenny
Crabtree, Clyde, T	Miami	Dull, Vera L. V., T	Clermont
Craft, Donald G., T	Live Oak	Duncan, Charles Ellis, A&S	Vero Beach
Craney, Edith May (Mrs.), T	Orlando	Duncan, Free Joyce (Mrs.), T, Gainesville	-
Crawford, Grace, C&J	Lakeland	Duncan, Thomas E., L	Lake Butler
Crawley, Valerie, T	Live Oak	Duncan, William C., G	Tampa
Creamer, Betty, T	West Palm Beach	Dunklin, Audrey E., T	Palatka
Crenshaw, Elizabeth, T	Jacksonville	Dupuis, Clara Nelle, C&J	Miami
Crews, Eva A., T	Jasper	Durham, Sarah F. (Mrs.), T	-
Crews, Lester T., T	Venus	-	St. Petersburg
Crews, Pauline, T	Jacksonville	Durrance, Carl T., T	Okeechobee
Crews, Verdie L., T	Jasper	Durrance, Martha P., T	Ft. Meade
Crookshank, John A., G	Hastings	Durrance, Mary R., T	Brewster
Crosby, Vivian R., T	Sanford	Durshimer, Margaret E., T	Brooksville
Crowell, John M., G	Wauchula	Duyck, Loyall H., T	Plant City
		Dyson, Annie B., T	Sanford
		Eagan, Bessie M. (Mrs.), T	Key West

<i>Name and Classification</i>	<i>Address</i>	<i>Name and Classification</i>	<i>Address</i>
Earle, Huber, C&J	Ocala	Friedman, Laurie F., T	Jacksonville
Eby, Eveleen Neva, T	Denmark, S. C.	Fugate, Lena, T	Orlando
Eddy, Vera Ernestine, T	Green Cove Springs	Fugate, Mammie L., T	Orlando
Edenfield, Lawrence E., T	Grand Ridge	Fugate, Maude Clark (Mrs.), T	Williston
Edenfield, Paul Gordon, A&S	Lake Butler	Fuller, Bessie (Mrs.), T	Punta Gorda
Edmondson, Bessie M. (Mrs.), T	Sarasota	Futch, Olivia, T	Alachua
Edsall, Robert Spencer, G	Bradenton	Gallardo, Fernando A., A&S	Tampa
Edwards, Mary E., T	Augusta, Ga.	Galloway, Pauline R., T	Tampa
Edward, Ruth E., T	Cleveland	Gambill, Louise, T	Green Cove Springs
Edwards, William T., T	Eau Gallie	Gannon, Sarah D., T	Jacksonville
Eff, Samuel, G	St. Augustine	Gaper, Sara Campbell, C&J	Gainesville
Eldredge, Lillian, T	Ocala	Garcia, Angie Geraldine, T	Tampa
Elgin, Irene W. (Mrs.), T	Jacksonville	Garcia, Evelyn B., T	Tampa
Elliot, Mary Frances, T	Lakeland	Garcia, Marion E., T	Tampa
Elliot, James N., A&S	DeFuniak	Garris, Royce L., T	Round O, S. C.
Ellis, Sybel B., T	Pt. White	Garrison, Allen N., T	Eustis
English, Rowena M., T	Plant City	Garrison, Marvin D., A&S	Lakeland
Epperson, Kathryne, T	Lake Butler	Gaylord, Eleanor M. (Mrs.), T	Tampa
Eshleman, Silas K., L	Gainesville	Geiger, Albert J., G	Penney Farms
Estes, Edgar Stuart, A&S	St. Augustine	Geiger, Julia, T	Penney Farms
Evans, Glynn C., T	DeLand	Getzen, James C., L	Webster
Evans, J. Laurine, T	Miami	Getzen, T. Hart, L	Stuart
Evans, Robert C., C&J	Ferry	Gilbert, Ella M., T	Bronson
Everett, Edward, A&S	Orlando	Gilbert, Margaret E., T	Orange City
Fairlie, Margaret C., T	Jacksonville	Gillette, Gardner T., C&J	Jacksonville
Fant, Fern C. (Mrs.), T	Reddick	Gilliam, Adah O. (Mrs.), T	Ft. Myers
Farabee, T. N., T	Wauchula	Gillis, Mary Louise, T	Alachua
Farmer, Mattie H. (Mrs.), T	Ocoee	Glancy, Eleanor T. (Mrs.), T	—West Palm Beach
Farnsworth, F. W., A&S	Gainesville	Glidewell, Grace Melvin, T	Jacksonville
Farnsworth, Vera M. (Mrs.), A&S	—Gainesville	Godwin, Gladys, T	Hawthorne
Fatic, Lillian R. (Mrs.), T	Sarasota	Godwin, Helen White (Mrs.), T	—St. Augustine
Fay, Cora, T	Panama City	Goertz, Claire Marion, T	Sanford
Feagin, Thelma, T	Eagle Lake	Goethe, W. L., G	Lake City
Featherstone, Leland B., L	Miami	Golden, Maree, G	Perry
Felton, Ned (Mrs.), T	Mayo	Gonzalez, Geo., L	Tampa
Fennell, Ida S., T	Gainesville	Gordon, Ammonette, T	DeLand
Ferguson, Elinor R., T	Ocala	Gordon, Frances J., G	Archer
Ferguson, James A., A&S	Gainesville	Graham, Gladys Gates, T	Tampa
Fernald, Edith M., T	Bradenton	Graham, Lenore M., T	Jacksonville
Fernald, William I., T	Tarpon Springs	Grand, Eugenia M. (Mrs.), A&S	Orlando
Ferrell, Bertha D., T	Williston	Grantham, Eulilla M. (Mrs.), T	Orlando
Fielding, Samuel W., T	Pine Mount	Gravely, Louis O., L	LaBelle
Filippello, Louis, A&S	Tampa	Graves, Theresa P., G	Gainesville
Finch, Edna Pearl, T	Jacksonville	Green, Edward W., T	Stuart
Finkelstein, Eli, A&S	Jacksonville	Green, Eva L., T	Cortez
Fish, John S., T	Sanderson	Green, Harry, L	St. Petersburg
Fisher, Charles M., G	Miami	Greene, Harry S., T	Gainesville
Fisher, Daisy S., T	Green Cove Springs	Greene, Ida Mae (Mrs.), T	Moore Haven
Fishler, Herbert Wm., L	Gainesville	Greene, Lyda Irene, T	Cortez
Fisher, Justin R., A&S	Jacksonville	Gregory, Alberta Z. (Mrs.), T	Rochelle
Fitzgerald, Louise M. (Mrs.), T	—Palmetto	Gregory, Joseph A., C&J	Tampa
Fletcher, Horace B., T	Miami	Griffin, Margaret A., T	St. Petersburg
Fletcher, Thomas C., A&S	Williston	Griffith, Beulah M., T	DeLand
Fournoy, John T., T	DeFuniak Springs	Griffith, Marvel (Mrs.), T	Moore Haven
Flowers, Madie M. (Mrs.), T	—Campville	Grimm, Phylles J. (Mrs.), G	Gainesville
Floyd, Clara B., L	Hawthorne	Grubbs, Annie Laura, T	Reddick
Fogg, Grace, T	New Port Richey	Guenther, William, Ag	Altونا
Folsom, Dorothea Lee, T	Leesburg	Guess, Mary C., T	Williston
Ford, Raymond E., L	Ft. Pierce	Guinn, Letha C., T	Arcadia
Fortune, Allen M., T	Laurel Hill	Guito, Anna S. (Mrs.), T	Key West
Foster, Easter L., T	Center Hill	Gullett, Asa A., T	Bradenton
Foster, Ira Jackson, T	Madison	Gunn, William Harry, A&S	Wauchula
Foster, Kate (Mrs.), T	Blountstown	Guy, John Ansley, T	Starke
Foster, Mary E., T	Center Hill	Hagler, H. D., T	Bascom
Fournier, Elizabeth E., T	Gainesville	Haile, Jennie Rogers (Mrs.), T	—Jacksonville
Fowler, Marjorie, T	Gainesville	Hall, Amy C., T	Lowell
Fowler, Nina Fern, T	Miami	Hall, Beulah Toughton (Mrs.), T	—Cross City
Fraser, Edith M., T	Macclenny	Hall, Inez, T	Bushnell
Frazier, Frank James, A&S	—West Palm Beach	Hall, Josiah C., T	Dunedin
Freeman, Leila, T	Largo	Hall, Leland G., C&J	Tampa
Freeman, Solace Mitchell, C&J	—Jacksonville	Hall, Louise, T	Orlando
		Hall, Mary T., T	Dunedin
		Hall, Nadia V. (Mrs.), T	Center Hill

<i>Name and Classification</i>	<i>Address</i>	<i>Name and Classification</i>	<i>Address</i>
Hall, Rubye R., T	Green Cove Springs	Hersey, Mabel G. (Mrs.), T	Moultrie
Hamilton, Virginia K. (Mrs.), T	—Coral Gables	Hess, Chas. R., L	Jacksonville
Hancock, Edna Earle, T	Palatka	Hill, Arthur M., Ag	Vero Beach
Hancock, Lottie H., T	Myakka City	Hill, Maoma F., G	Dade City
Hancock, Mildred, T	Wildwood	Hill, Nancy Milten (Mrs.), T,	Winter Park
Hannon, Thelma G., T	Gainesville	Himes, Alice M., T	Bushnell
Hanselman, B. L., G	Brewster	Hinson, Elizabeth E. (Mrs.), T	Miami
Hansen, Ester Margaret, T	DeLand	Hinton, Iras, T	Sarasota
Hardaker, Marjorie E., T	Galloway	Hoag, Howard L., G	Gainesville
Hardee, Bascom Owen, C&J	Bronson	Hodges, James A., T	Gainesville
Hardee, Haskell E., T	Bronson	Hogan, Della, T	Trenton
Hardee, James Wm., T	DeLand	Hogan, Myrtle, T	Vero Beach
Hardee, Vida, T	Hardecetown	Hogler, H. D. (Mrs.), T	Bascom
Hardy, Lowery Lewis, T	Christmas	Holliday, Zola P. (Mrs.), T	—Coral Gables
Hardy, Mittie L. (Mrs.), T	Christmas	Hollingsworth, Martha F., T	Arcadia
Hare, Edna P. (Mrs.), T	Micanopy	Holly, Carrie B., T	Ocala
Hare, Virginia C., T	Micanopy	Holly, Margaret Lucille, T	Conner
Harker, W. E., T	Plant City	Holmes, Loyce Lorenzo, C&J	O'Brien
Harlan, Estelle Edwards (Mrs.)	—Gainesville	Holton, Dessie L., T	Hicoria
Harlee, Eleanor S., T	Tampa	Hoobler, Louise M. (Mrs.), T	Tampa
Harlee, Mary A., T	Tampa	Hopper, Roland O., Ag	Cleveland
Harper, Edna E., T	Maccleddy	Horne, Elorna, T	Aucilla
Harper, Wallace L., T	Palatka	Horrell, Robert P., L	Titusville
Harrelson, Ester Roe, C&J	Summerfield	Hotchkiss, Blanche R. (Mrs.), T,	Orlando
Harrelson, Mable Lee, C&J	Summerfield	Houle, Cyril Orvin, T	Sarasota
Harrington, Lawrence Tracey, T	—Atlantic Beach	Houser, Hugh C., G	Mifflinton, Penna.
Harris, Bessie L., C&J	Gainesville	Howard, Beulah J. (Mrs.), T	Tribby
Harris, Clyde Eugene, A&S	Jacksonville	Howard, John T., T	Bristol
Harris, Carl H., G	Jacksonville	Howes, Louise B., C&J	Orlando
Harris, David Watson, C&J	Miami	Howell, Vido Emma (Mrs.), T	Wellborn
Harris, Mattie H. (Mrs.), T	—Doctors Inlet	Howze, Thos. E., L	Palmetto
Harris, Mollie L. (Mrs.), T	Brooksville	Hrvol, Anne E., G	Orlando
Harris, Robert E., G	Orlando	Huddleston, Paul D., T	Cedar Key
Harris, Oreon O. (Mrs.), T,	Penney Farms	Hudson, Edna P. (Mrs.), G	Trenton
Harris, Sarah S. (Mrs.), G	Jacksonville	Hughey, Ester L., T	Sanford
Harrison, Claudelle W. (Mrs.), T	—Gainesville	Hughes, Florence, T	Jacksonville
Harrison, Ester C., T	Jay	Hull, Diana M. (Mrs.), T	Miami
Harrison, Grady, T	Gainesville	Hull, Helen G., T	Daytona Beach
Harrison, T. Wade, L	Palmetto	Hunter, Walton B., A&S	Tavares
Hart, Edna Manning (Mrs.), T	Starke	Hurst, Rosalind B., T	Winter Haven
Hartley, Mildred L., T	Anthony	Hyman, Orrie V. (Mrs.), T	Palma Sola
Hartman, Merton Trifitt, A&S,	Gainesville	Ives, H. S., A&S	Lake City
Harwell, Hettie R., T	Anthony	Ives, Selwyn C., T	Lake City
Harwell, Grace, T	Jacksonville	Ivy, Sarah L., T	Lakeland
Haskell, Harold N., T	Gainesville	Jacobi, Adele P., T	Jacksonville
Hastings, Margaret F., T	New Smyrna	Jacobi, Gertrude F., T	Jacksonville
Hathaway, Eulillia B. (Mrs.), T,	Sarasota	Jamison, Jas. Robert, Ag.	Wabasso
Hawkins, George A., G	Bay Harbor	Jenkins, Genevieve, T	Quincy, W. Va.
Hawsey, Vera Mae, T	Jay	Jenkins, Lorena K. (Mrs.), T	Tampa
Hawthorne, John W., G	Live Oak	Jernigan, Harvey J., C&J	Lake Wales
Hayes, Helen B., T	Webster	Johns, Henry Lamar, T	Wellborn
Hays, John Allen (Mrs.), T	Ft. Myers	Johns, Ina Mae, T	Live Oak
Hazen, Carolyn W., T	Plant City	Johns, Thomas M., T	Lake Placid
Heorn, Vernice L., T	Miami	Johnson, Alex R., G	Sanford
Heath, Billie, C&J,	LaBelle	Johnson, Arrie Lee, L	Jacksonville
Heath, Florence B. (Mrs.), T	Arcadia	Johnson, Clifton D., G	Clearwater
Heitman, Marguerite, T	Jacksonville	Johnson, Dora (Mrs.), T	Miami
Helms, Vera Hampton (Mrs.), T	LaBelle	Johnson, Dora, T	Lake Butler
Helseth, Alfred E., T	Vero Beach	Johnson, Eva C., T	Evinston
Helvenston, Geo R., L	Jacksonville	Johnson, Ida Penelope (Mrs.), T	Tampa
Hemphill, Kate Miles, T	Micanopy	Johnson, L. M., Ag	Miami
Hemrod, Maud A. (Mrs.), T	Wauchula	Johnson, Mary (Mrs.), T	Oxford
Henderson, Edwin L., T	Gainesville	Johnson, Myra, T	Knights
Henderson, L. N., G	Tampa	Johnson, Queenie H. (Mrs.), T	—Clearwater
Hennessee, Earl E., T	Tampa	Johnwick, Edgar B., A&S	Gainesville
Hendry, Ethel D. (Mrs.), T	Arcadia	Jones, Clara B. (Mrs.), T	Blountstown
Henry, William W., Ag	Gainesville	Jones, Ella, T	Blakeley, Ga.
Henry, Ann Crawford, A&S	Jacksonville	Jones, Eula, T	Bradenton
Henry, Clarence R., A&S	Ft. Lauderdale	James, Helen Mae, T	Lake Wales
Henry, Sue V., T	Gainesville	Jones, Homer, T	DeFuniak Springs
Herlong, Cora May, G	Micanopy	Jones, Hugh Ballenger, A&J	Orange City
Herdon, Nora Mae, T	Jasper	Jones, H. W., G	Aiken, S. C.
		Jones, Emily Capers, G	DeLand
		Jones, Jessie M. (Mrs.), T	Clearwater
		Jones, Mamie Agnes, T	Jacksonville

<i>Name and Classification</i>	<i>Address</i>	<i>Name and Classification</i>	<i>Address</i>
Jones, Mary Flewellen (Mrs.), T	Bunnell	Ledbetter, Clara B., T	Coleman
Jones, Ruby, T	Lee	Lee, Mary Lou, T	St. Augustine
Jones, Thomas John, Ag	Palm Beach	Lee, W. I., T	Munson
Jones, William H., T	DeLand	Leitner, Almena, T	Kissimmee
Jordon, Bunnell L., T	Tampa	Leps, Jos. M., G	Winter Haven
Jordan, Mattie, T	Tampa	Lewis, Bonita B. (Mrs.), G	Ft. Myers
Jordan, M. B., G	Gainesville	Lewis, Parke R., A&S	Ft. Myers
Justen, Mary Louise (Mrs.), T	Tampa	Lewis, Rachael A., T	Floral City
Kea, John Wesley, Ag	Hawthorne	Lewis, R. Ruth, T	Orlando
Keck, Carrie Hellen (Mrs.), T	—Jacksonville	Linebaugh, Bessie Mae, T	Williston
Keep, Oscar J., T	Jacksonville	Lindsey, Georgia M., T	Geneva
Keezel, James E., L	Winter Park	Littig, Sherman K., T	Tallahassee
Kelley, James H., G	Gainesville	Little, Sara, T	Grand Island
Kelley, Welcom Tol, A&S	Lake Mary	Livingston, Mattie F., T	Carbur
Kelly, Birdie L. (Mrs.), T	Gainesville	Livingston, Virginia M., T	Carbur
Kelly, Cornelia E., T	Gainesville	Logan, Johnnie V., T	Sneads
Kelly, Hazel, T	Gainesville	Loften, William T., Ag	Summerfield
Kelly, Joseph Eddie, T	Glen St. Mary	Long, Clarice Mona, T	Tampa
Kelly, Mildred, T	Perry	Long, Hazel V., T	Orlando
Kelly, Wilma, T	Perry	Long, Mary G. (Mrs.), T	Marion, Ala.
Kelsey, Emma L., T	Lake Placid	Lord, Richard P., Ag	Gainesville
Kelsey, George A., T	Lake Placid	Loring, Ethel Jones (Mrs.), T	Cocoa
Kelsey, Winnie F. (Mrs.), T	Summerfield	Lorraine, Charles, L	Jacksonville
Kennington, James B., T	Ponce de Leon	Louden, Margaret, A&S	Tarpon Springs
Kent, Artis Lane, G	Gainesville	Loughridge, Bessie I., T	—Poplarville, Miss.
Kent, Mary L. (Mrs.), T	Tampa	Love, Bertha Lee, T	Trenton
Kent, Thelma C. (Mrs.), T	Gainesville	Love, Lillie M., T	Trenton
Kicklighter, Matheria F. (Mrs.), T	—Sarasota	Lovelace, Alice C. (Mrs.), T	Tampa
Kimball, Catherine W., T	Umatilla	Lovell, Broward N., T	Summerfield
Kimble, Lily Maud, C&J	Bronson	Lovell, Flora Ester (Mrs.), T	Plant City
Kinard, Florence, T	Ft. White	Lovett, Marion Lucile, T	Tampa
Kincaid, Kittie, A&S	Gainesville	Lowrey, Mary, T	Leesburg
King, B. E. (Mrs.), T	Bradenton	Lowman, Gadsen, T	Istachatta
King, Linda Lee, T	Sarasota	Luffman, Ida Lena, T	Ocala
King, I. Godfrey, T	Sneads	Lunn, Annie Lee (Mrs.), T	Lake Alfred
King, Syvie, T	Ocala	Luttrell, Karl F., C&J	Brooksville
Kipp, Fannie P. (Mrs.), T	Sanford	Lutz, Mabel R. (Mrs.), T	Pahokee
Kirkland, Chas. O., A&S	Noma	Lybass, Betty, T	Tampa
Kirkpatrick, John W., A&S	Gainesville	Lyell, John M., A&S	Miami
Kirton, J. S., L	Jacksonville	Lyman, Daisy E. (Mrs.), T	Palm Beach
Kirton, Laura (Mrs.), T	Winter Garden	Lynn, Annie Clyde, A&S	Malone
Klett, Charlotte E. (Mrs.), T	Tampa	Lytle, E. J. (Mrs.), T	East Lake
Knight, Claude Mitchell, A&S	Bunnell	McAfee, Helen V., T	Tampa
Knight, George, T	Gainesville	McArthur, Gertrude, T	Melrose
Knight, Elva W. (Mrs.), T	Floral City	McArthur, Hugh L., L	Tampa
Knight, John Clarence, A&S	Plant City	McAulay, Lucy, T	Ft. Meade
Knight, Zelma E., T	Green Cove Springs	McCabe, Geneva L. (Mrs. B. G.), T	—Ft. Myers
Knight, Mildred F. (Mrs.), T	Murdock	McCain, Franklin Sutton, C&J	—Gainesville
Knuth, Phyllis B. (Mrs.), T	Miami	McCall, Allen Duncan, T	Bagdad
Kramer, Geo. W., Ag	Winter Haven	McCall, Georgia Ella, T	Lake City
Kulman, Eleanor P., T	Aripeka	McCall, Maud Bryant, G	Wildwood
Kyle, Mary (Mrs.), T	Winter Haven	McCall, Mary Eva, G	Sarasota
Lamb, Dorothy (Mrs), T	Anthony	McClamroch, Mary F., T	Gainesville
Lamberton, Francis W., T	Gainesville	McClellan, Essie C. (Mrs.), T	—Canal Point
Lamborn, Albert G., C&J	Tampa	McClinton, Lillian, A&S	High Springs
Lamborn, Bert L., C&J	Tampa	McCaughan, J. Russell, A&S	Pensacola
Lancaster, Cornelia M., T	Kissimmee	McColskey, S. A., T	Gainesville
Land, Ina McCall (Mrs.), T	—Jacksonville	McCormick, Sarah Jane, A&S	Leesburg
Laney, Edward E., T	Tampa	McCoy, R. Collins, T	Winter Haven
Laney, Johnnie Louise (Mrs.), T	Tampa	McCoy, Hazelle L., T	Alachua
Langford, Myrtle (Mrs.), T	Alachua	McDonald, Frances M., T	Bonifay
Langston, Margaret L. (Mrs.), T	Tampa	McDonald, Katie A., T	Bonifay
Lanneau, Gertrude, T	Tampa	McDonald, Leona, G	Cottondale
Lansden, Elizabeth, T	Winter Haven	McDonald, Lucille, T	Bradenton
Larimore, Granville, W., A&S	Tampa	McDonald, Pauline Fern, T	New Smyrna
Lastinger, Samuel T., T	Gainesville	McDonald, Viola Tobin (Mrs. J. B.), T	—Tampa
Latham, Herbert S., T	Pensacola	McEwen, Maude O., G	Zellwood
Lau, Wah Chinn, C&J	Canton, China	McEwen, Merle J. (Mrs. R. O.), T	—Bushnell
Laut, Gwendolyn, C&J	Gainesville	McEwen, R. O., G	Bushnell
Lawhern, Verna K., T	Lakeland	McGarrah, Nell, T	Gainesville
Leary, Lillie, T	DeLand		
LeCroix, Iwanna Yvonne, T	—Daytona Beach		
Lee, Annie P. (Mrs.), T	Burton, Ark.		

Name and Classification	Address	Name and Classification	Address
McGarity, Carol Virginia (Mrs.), T	—Ft. Pierce	Melton, G. T. (Doc), A&S	Lakeland
McGee, William L., A&S	Century	Mendez, G. H., Ag	Alachua
McGrath, Ethel, T	St. Petersburg	Menneken, Carl Ernest, A&S	—Miami Beach
McGrath, Blanche, T	St. Petersburg	Menneken, Jessie W. (Carl E., Mrs.), G	—Miami Beach
McInnes, Sam W., G	Gainesville	Merbler, Adam Albert, T	Pensacola
McKethan, Alfred A., C&J	Brooksville	Merryman, Anna J., T	DeLand
McKee, Hugh J. O., A&S	Gainesville	Metcalf, Willie A. (Mrs.), T, Gainesville	
McKinney, Doris L., T	Bushnell	Miles, Elma T. (Mrs.), T	Hialeah
McKinney, Leota, T	Jacksonville	Miles, Ivan E., G	Collinsville, Miss.
McKinnon, Christine, T	Westville	Miles, Lorene S. (Mrs.), T	Hialeah
McKinnon, Christine L., T	Jacksonville	Miller, Clara P., G	Bay Harbor
McLaughlin, H. E., T	Branford	Miller, Evelyn, T	Sarasota
McLendon, Ida Ruth, T	Jacksonville	Miller, E. H., T	Melbourne
McLeod, Elsa May, T	Bradenton	Miller, Geo. A., G	Mifflintown, Pa.
McLeod, Norman W., Jr., G	Aucilla	Miller, Virginia, T	Worthington
McLeran, Mary F., T	Wellborn	Miller, Jack, A&S	St. Petersburg
McLin, Vivian E., T	Knights	Miller, Theodore W., T	Gainesville
McLucas, Leonard Lee, T	Sanford	Millican, James Henry, A&S	Palatka
McMillan, Ann Averil, T	Gainesville	Milligan, Marcella, T	Jacksonville
McMullen, Daniel G., T	Lee	Millinor, Eunice, G	Madison
McMullen, Harry E., G	Clearwater	Mills, Ruth Ora (Mrs.), T	Branford
McMullen, Kenneth Smith, Ag	Madison	Milteer, Lillie Fair (Mrs. F. E.), T	—Ft. Myers
McMullen, J. Tweed, A&S	Clearwater	Milton, Augusta G., T	Macclenny
McPherson, Ruth A. (Mrs.), T, Gainesville		Milton, Sara Alice, T	Macclenny
McQuitty, Louis L., T	Ft. Myers	Minor, Leonidas Corbley, T	St. Petersburg
McRae, Edna S. (Mrs. M. R.), T	—Sarasota	Minton, Eunice Lucille, T	Palatka
MacKenzie, Edward S., L	Leesburg	Miscally, Elizabeth, T	W. Palm Beach
Maddox, R. C. (Mrs.), T	Clearwater	Mitchell, Wm. Frank, Ag	Lakeland
Maddox, Russell Calvin, T	Clearwater	Mitchell, Horace F., T	Live Oak
Magill, Edith, T	LaBelle	Mizell, Jackson, A&S	Fernandina
Magill, Maude, T	LaBelle	Mizell, Margaret Mary, T	Coleman
Magruder, Richard Scott, A&S	Orlando	Mizelle, Russie M., T	Live Oak
Mahaffey, J. P. (Mrs.), T	South Bay	Mizrahi, Ralph Simon, A&S	Jacksonville
Mahon, Daisy Belle, T	Arcadia	Moble, Gordon Simpkins, A&S	—Jacksonville
Mahon, Edna, T	Arcadia	Mobley, Martha (Mrs.), T	Arcadia
Mahood, Mildred H. (Mrs.), T	—Miami Shores	Montecino, Thelma Elizabeth, T, Key West	
Major, Margaret, T	Jacksonville	Montgomery, James Douglas, T	—Gainesville
Mann, Don T., G	Reddick	Montgomery, Stephen M., L	Gainesville
Mann, Orion A., G	Lake Wales	Montgomery, Wilma Ruth, G	Miami
Mann, Ruth N. (Mrs. D. T.), T, Reddick		Moon, Robert C., T	Marianna
Markham, Julian E., T	Lake City	Moomaw, David E., Ag	Miami
Marlowe, Mabel M., T	Newberry	Moore, Francis E., A&S	Miami
Marsh, John Duffey, C&J	Miami	Moore, Louise D. (Mrs. J. C.), T	—Clearwater
Marshburn, C. B. (Mrs.), T	Melrose	Moore, Martha, G	Buena Vista, Ga.
Marshburn, Mary M., T	Melrose	Moore, Mary Kathrine, T	Bartow
Martin, Essie Jane, T	Electra	Moore, Sue M. (Mrs.), T	Miami
Martin, Roe M., T	Gainesville	Moorman, John H., G	Winfield, Ia.
Martin, Swan, T	Gainesville	Moran, Pauline, T	Geneva
Mason, Ruth, T	Tampa	Moree, Effie, T	Manatee
Massey, Euda, T	New Smyrna	Moreland, Winnie L., T	Ft. White
Masters, Edna Dolores, T	Middleburg	Morgan, Loycelle K., T	Mayo
Masters, Ione, T	Middleburg	Morgan, Nina A., T	Jacksonville
Masterson, Nettie Mae (Mrs. W. G.), T	—Ocala	Morgan, Zeffie (Mrs.), T	Gainesville
Mathers, E. V., T	Key West	Morris, Frances C., T	Bushnell
Mathis, Annette, T	Hastings	Morris, Harold A. (Mrs.), T	Largo
Mathis, Charles R., Jr., L	Panama City	Morris, Ruby, T	Bartow
Matthews, Earle Dwight, Ag, Homestead		Morrow, John Albert, T	Madison
Matthews, Elizabeth S. (Mrs. J. R.), T	—Hawthorne	Morse, Lois, A&S	Clearwater
Maxwell, Thelma Isabelle, T	—Green Cove Springs	Moseley, Helen, T	Dady
Mays, James Ardew, Ag	Plant City	Mosely, Lucious Memphis, T	Wauchula
Mayo, Wm. Thomas, L	Jacksonville	Moyer, Oda Wright, T	Tampa
Mayo, Gertrude, T	Summerfield	Muller, Adelaide, T	Oxford
May, Juanita E., T	Tampa	Mullon, Harry B., G	Pierce
Meadows, Claire, T	Citra	Mulrennan, John Andrew, Ag	Sydney
Means, Ethell, T	Ft. White	Mumma, Jacob Amos, A&S	Jacksonville
Means, Minnie E. (Mrs. C. G.), T	Lutz	Munger, Forest H., L	West Palm Beach
Mears, J. Miriam, T	Cypress	Munn, Luellen J. (Mrs. L. B.), T, Miami	
Meeks, F. D., T	Live Oak	Murray, Mary (Mrs.), T	Tampa
Meeks, Chery A., T	Gulf Hammock	Mutispaugh, Harold LeRoy, C&J	—Plant City
Meeks, Joyce, T	Gulf Hammock		
Mehlman, George B., L	Jacksonville		

<i>Name and Classification</i>	<i>Address</i>
Myers, Minnie May (Mrs. W. B.), T	—Rockledge
Myers, William M., A&S	Rockledge
Nynihan, (Mrs. M. M.), T	Jacksonville
Malle, Maude C. (Mrs. M. C.), T	Jacksonville
Nash, Viola Elizabeth, T	Jacksonville
Naugle, Mary Hazel, T	St. Petersburg
Neale, Richmond H., G	Wimauma
Neel, John Stephens, A&S	High Springs
Neff, Tom O'Neil, A&S	Gainesville
Nelson, LaVerne Marguerite, T	Tampa
Nelson, Mabel Horsley, T	Tampa
Nelson, Ruth A. (Mrs. R. A.), T	—Sarasota
Nelson, Winnifred M., T	Gainesville
Nesbitt, Roella Mae (Mrs. U. G.), T	—Tampa
Neuner, John Benjamin, C&J, Plant City	Plant City
Neuwirth, Phillip A., L, Sulphur Springs	Sulphur Springs
Neville, Joseph H., A&S	Lakeland
Newell, Laura L., T	West Palm Beach
Newsom, Ed. Clarence, Jr., C&J	—Jacksonville
Newton, Laura A., T	Winter Garden
Newton, Nelle, T	Live Oak
Nickerson, Bernice M., T	Lakeland
Niswonger, Edith B., T	Tampa
Nix, Lotly Appleby (Mrs. S. J.), A&S	—Sanford
Nolder, Helen, A&S	Gainesville
Norfleet, Joe H., Ag	Gainesville
Norflleet, Paul J., A&S	Newberry
North, Annette, T	Green Cove Springs
Northcutt, Ona H. (Mrs.), T	Dover
Norton, Bessie A., T	Panama City
Norton, Frances C., T	Jacksonville
Nunnally, Howard, C&J	Tampa
Oberholtzer, Fay (Mrs. J. V.), T	—Leesburg
O'Berry, Karlyle, L	Tampa
O'Bryant, Horace, G	Oxford
O'Bryant, Ruth Middaugh (Mrs.), T	—Oxford
O'Connell, Phillip D., L, W. Palm Beach	W. Palm Beach
Ogg, James A., G	Clearwater
O'Hara, Marvin A., T	Live Oak
O'Hara, Millerey, T	Ellaville
O'Hara, Sallie (Mrs. J. W.), T	—Macclenny
Ohl, Marilla, G	Ft. Lauderdale
Oliver, Lanora Elizabeth, T	Gainesville
Olson, Cassie M. (Mrs. P. W.), T, Tampa	Tampa
O'Neal, Carolyn, T	Tampa
O'Neal, Patricia Merritt, C&J, Gainesville	Gainesville
Orr, Reuben Bennett, T	Gainesville
Ortiz, Carmelita, T	Jacksonville
Ossario, Lydia Berg (Mrs.), T	Tampa
O'Steen Stella Mae, T	Maitland
Outz, Eunice A. (Mrs.), T	Madison
Overton, Anna E., T	Tampa
Overton, Edith Emma, T	Miami
Overton, Robert J., T	Tampa
Owen, Henry Blumer, A&S	Key West
Pacetti, Mary Marion (Mrs.),	—St. Augustine
Page, Minnie Winona, T	Callahan
Page, Sarah Graham, T	Callahan
Page, Velma (Mrs. H. L.), T	Miami
Palmer, Louise (Mrs.), T	Jacksonville
Palmer, Louise (Mrs. R. A.), T	—Jacksonville
Palmour, Chas. E., T	Anthony
Parker, Fronia, T	Live Oak
Parnell, Gwendolyn, T	Ft. Lauderdale
Parrish, Jocie, T	Ocala
Parrish, Mary Ann, T	Lakeland

<i>Name and Classification</i>	<i>Address</i>
Parrott, Ernest M., G	Gainesville
Pate, Sallie E. (Mrs. M. M.), T	—Winter Garden
Partain, Lydia Carolyn, T	Adel, Ga.
Pearson, Seibert C., A&S	Alachua
Pearson, James Tillman, A&S	Miami
Pedigo, Frances Mitchell, A&S	Tampa
Peek, H. E., T	Jacksonville
Peek, Mary E. (Mrs. H. E.),	Jacksonville
Peeler, Ruth Beatrice, T	Gainesville
Pence, Leland Hadley, A&S	Orlando
Perez, William Delio, A&S	Tampa
Perkins, Carroll C., G	Jacksonville
Perkins, Eunice, T	Starke
Perkins, Isabel L., A&S	Pine Castle
Perkins, Lindsay Sanders, T	Pine Castle
Perloff, Ben, G	Jacksonville
Perrine, George Alden, C&J	Miami
Perry, Irene E., C&J	Gainesville
Perry, James Roe, Jr., A&S	Live Oak
Perry, Vergil M., C&J	Jacksonville
Persons, Charles W., G	Havana
Peter, Katherine, T	Tampa
Peter, Paul E., T	ChIPLEY
Peters, Clara Lea, T	Wauchula
Peters, Thelma Peterson (Mrs.), T	—Miami
Petris, Willis Edward, A&S	Oakland
Petralia, Vincenza C. (Mrs. G.), T, Tampa	Tampa
Phillips, Emma Althea, T	Bonifay
Pickering, Rebecca Logsdon (Mrs.), T	—Mandarin
Pickett, Erma May, T	Jacksonville
Pickren, Pansy, G	Palatka
Pinholster, Delah B. (Mrs.), T	Bunnell
Pinholster, G. D., T	Bunnell
Pinkham, Beulah E., T, Green Cove Sprgs.	Green Cove Sprgs.
Piper, Ellis Gardner, T	Ft. Lauderdale
Plank, Christine Olivial (Mrs. F. M.), T	—Jacksonville
Platt, Kathleen Isabel, G	Jacksonville
Platt, Wm. Joshua, Ag	Summerfield
Platt, Wm. Z., L	Arcadia
Pledger, Helen M., T	Panama City
Polites, Nicholas, A&S	Jacksonville
Polk, Harriet P. (Mrs. C. L.), T	—Jacksonville
Poppell, Edward R., T	Micanopy
Poppell, Thos. J., G	Groveland
Portner, Alice Regina, G	Winter Park
Powell, Stella M. (Mrs. R. D.), T	—Country Club Estates
Pratt, Wm. G., T	Ocoee
Prevatt, Merkin Lovette, T	Middleburg
Price, Joseph E., G	Gainesville
Pritchard, Joyce E., T	Tarpon Springs
Pritchard, Rosa Vella, T	Tampa
Pugh, Elizabeth, G	Gainesville
Quade, Edward S., G	Jacksonville
Quarterman, Johnnie M., T	Jacksonville
Rader, Rachel E., T	Lakeland
Ralls, Ella, T	Arcadia
Rawls, Alene, T	Jacksonville
Rawls, Marian E., T	Sneads
Rawls, Vernon C., J	Lakeland
Read, Alice Margaret, T	New Smyrna
Read, Anna Laura (Mrs.), T	Jacksonville
Read, Helen M., T	Quincy, W. Va.
Reaves, Fred Chas., A&S	Gainesville
Reeves, Alex Donald, T	Gainesville
Reeves, Arabelle, T	Williston
Reeves, Joseph Amos, T	Fern Park
Rencher, Robt. C., T	Apopka
Renfro, Ray H., A&S	Tampa
Reynolds, Frand J., G	Citra
Reynolds, Loretta, A&S	Citra
Rhoden, Lola C., T	Macclenny

<i>Name and Classification</i>	<i>Address</i>	<i>Name and Classification</i>	<i>Address</i>
Rhoden, Sparta L., T	Macclenny	Scott, Kathryn V., T	St. Petersburg
Rhoden, Walter R., T	Olustee	Scott, Mildred L., T	Ocoee
Rhodes, Francis Arlie, T	Woodville	Scruggs, Ann, T	Aucilla
Rice, Carl Thos., A&S	Umatilla	Seay, Margaret O., T	Gainesville
Rice, Ora Stamps (Mrs. A. P.), T	—Sarasota	Seed, Ruth E., T	Daytona Beach
Richardt, James Wilson, Ag.	Baker	Segler, Ulet Vernon, C&J	Orlando
Rickards, Jas. S., G	Tallahassee	Sensabaugh, Effie Reeve (Mrs. C. L.), T	—Winter Haven
Rigby, Wm. Clinton, T	McDavid	Sentelle, Henry Lee, T, Greenville, Tenn.	Gainesville
Rippey, Andrew D., A&S	Gainesville	Shahinian, M. H., A&S	Daytona Beach
Risien, Raymond S., C&J	Jacksonville	Shanks, Helen F., T	Middleburg
Ritter, Ernestine, T	DeSota City	Sharpe, Marie, T	—Palmetto
Roach, Esther Day, T	Lakeland	Sheeley, Erma Cleo (Mrs. L. L.), T	Gainesville
Roberson, Ella Mae (Mrs. W. H.), T	—Windermere	Shepard, Chas. Edward, Ag	Ocala
Roberts, George C., G	Weirsdale	Shepard, Wilma, G	Ocoee
Roberts, Julian Bryant, T	Laurel	Shepard (Mrs. T. H.), T	Plant City
Roberts, Mary Louise, T	Key West	Shivers, Sue, G	Miami Beach
Roberts, Roberta K., T	Bonifay	Shopero, Joseph, L	Palm City
Roberts, W. Harold, Ag	Homestead	Shotwell, Florence, T	Hasford
Robertson, Alleyne R. (Mrs. C. A.), A&S	—Gainesville	Shuler, Goldir, T	—Bradenton
Robertson, Isla Mae (Mrs.), T	Live Oak	Shuman, Hattie A. (Mrs. L. L.), T	Geneva
Robinson, Caroline A., T	Miami	Sieg, Mayme F. (Mrs.), T	Geneva
Robinson, Charlotte Marston, T	—Mobile, Ala.	Sieg, Willie Lee, T	Pensacola
Robinson, Mary N. (Mrs. O. T.), T	—Melrose	Sierra, Reginald E., T	—Grandin
Robinson, Thos. R., G	Tampa	Sikes, Annie F. (Mrs. H. B.), T	Palmetto
Robinson, Verlie Thelma, T	Milton	Sikes, Cora V., T	Palmetto
Robinson, Wilburn F., L	Leesburg	Sikes, Grace Oils, T	Gainesville
Robinson, Wm. E., G	Gainesville	Silsby, Harry Z., A&S	—Tampa
Roe, Wm. W., Ag	Plant City	Silverthorne, Caroline R. (Mrs.), T	Groveland
Rogers, Ethel Mae, A&S	Lynne	Simpson, Clara M., T	Orlando
Rogers, Frazier, G	Gainesville	Sister Mary Ambrose, T	Lake Jovita
Rogers, John Tilden, A&S	Gainesville	Sister Maria Annunciata, T	Ybor City
Roil, Lulu Bell (Mrs. R. H.), T	—West Balm Beach	Sister Mary Augustin, T	Jacksonville
Rollins, Dewitt F., G	Gainesville	Sister M. Boniface, T	Jacksonville
Rollins, Ruby Stephens (Mrs.), T	—Gainesville	Sister M. Brendan, T	Miami
Roney, Laura E., A&S	Titusville	Sister Mary Charles, T	Miami
Rooney, Annie, G	Ocala	Sister M. Chrysostom, T	Miami
Rose, Ethel I., A&S	Hobart, Ind.	Sister M. Finbarr, T	St. Augustine
Rosenberg, Mitchell M., T	St. Augustine	Sister Mary Norberta, T	Miami
Rosser, J. Barkley, G	Jacksonville	Sister Mary Paul, T	St. Augustine
Rosseter, James W., T	Eau Gallie	Sister M. Rose de Lima, T	Jacksonville
Roth, Burnett, C&J	Orlando	Sister M. Theclo, T	St. Augustine
Ruff, Edwine, T	Zephyrhills	Sister M. Theophane, T	Lake Jovita
Russell, Amy (Mrs. J. H.), T	Tampa	Sister Patricia Alvarez, T	Dunedin
Russell, Roy William, C&J	Tampa	Skeldon, Mary Elizabeth, T	Tampa
Rust, Mary F. (Mrs.), T	Ft. Myers	Skemer, Geo. H., T	Jacksonville
Ryan, Mabel (Mrs. C. W.), T	Arcadia	Skinner, Blanche E., T	Archer
Saba, John, Jr., C&J	Orlando	Skinner, Evelyn V., T	Jacksonville
Safer, Moe B., L	Jacksonville	Sledge, Mildred C., T	Ocoee
Salas, Zola A. (Mrs.), T	Tampa	Slope, Evelyn A., T	—St. Petersburg
Salomon, Morris S., L	Orlando	Smiley, Robila M. (Mrs. R. G.), T	St. Petersburg
Salis, Hildab Roberts (Mrs.), T, Key West	Key West	Smiley, Russell G., L	St. Petersburg
Sanders, Ruth W., (Mrs. P. K.), G	—Jacksonville	Smirlis, Gus Steve, C&J, Tarpon Springs	Oxford
Sapp, Gertrude E., T	Bell	Smith, Chloe (Mrs. T. E.), T	Oxford
Satcher, James W., C&J	Gainesville	Smith Christine, T	—Hawthorne
Savage, Zach, G	Gainesville	Smith, Clarice Y. (Mrs. A. H.), T	Jacksonville
Scadron, Ivis J., L	Tampa	Smith, Daisy Rae, T	Tampa
Scales, Virginia Lucille, T	—St. Petersburg	Smith, Dollis Mae, T	Summerfield
Scarborough, Georgia Eita, G	Sarasota	Smith, Doris Tyson (Mrs. F. S.), T	—Hawthorne
Scarlett, Janie Hall, T	Chipley	Smith, Dorothea H., T	Gainesville
Scarfschwerdt, Adelaide (Mrs.), T	—Fl. Pierce	Smith, Edmond R., T	Pahokee
Schiller, Carl P., G	St. Petersburg	Smith, Evelyn W. (Mrs. W. G.), T	—Pahokee
Schindler, Errah D. (Mrs. F. D.), T, Tampa	Tampa	Smith, Foster S., G	Hawthorne
Scholz, Robert, L	Miami	Smith, Fannie Olivia, T A	Waycross, Ga.
Schurman, Ethel S., T	Jacksonville	Smith, James E., G	Palatka
Schwartz, Dan R., L	Jacksonville	Smith, Leola, T	Malone
Schweitzer, Edward O., Ag	Homestead	Smith, Mae Belle, T	Gainesville
Scott, Howard L., G	Mt. Summit, Ind.	Smith, Margaret McMillan, T	Tampa
		Smith, Marshall Everett, A&S	

<i>Name and Classification</i>	<i>Address</i>	<i>Name and Classification</i>	<i>Address</i>
Smith, Paul H., T	Live Oak	Thomson, Anna B., T	Gainesville
Smith, Sue H., T	Jacksonville	Thomson, Lucretia D. (Mrs.), T	—Gainesville
Smith, Susie Clyde, T	Middleburg	Thronson, Silas M., G	Jacksonville
Snell, Annie Cason, T	Bartow	Thornton, Mae B. (Mrs.), T	—West Palm Beach
Snyder, Harry M., C&J	St. Augustine	Thornton, R. S., G	Gainesville
Solomans, Bonia McDonald (Mrs. H. E.), T	—Perry	Thorpe, Marion J., T	Manatee
Sparkman, Agnes, T	Port Orange	Tichenor, Obelea A., T	Tampa
Sparks, Milbra A., T	Aucilla	Tice, James T., A&S	Bartow
Speh, Carl George, A&S	Jacksonville	Tierney, Chas. J. (Mrs.), T	Ft. Myers
Speh, Paul Edward, A&S	Jacksonville	Tillman, Avis I. (Mrs.), T	Campville
Spencer, Anna Rebecca, C&J	Gainesville	Tolbert, Kate W., T	Gainesville
Spring, Edwin, T	Lakeland	Touchton, Charles F., A&S	Gainesville
Spitler, Cecil Stuart, A&S	Jacksonville	Tower, John B., A&S	Homestead
Spivey, Mary E., T	Wauchula	Townsend, Alberta, T	Hartford, Ala.
Sproull, Katherine F., T	Jacksonville	Townsend, Margaret, T	Lake Butler
Stafford, Bessie M. (Mrs.), T	Tampa	Townsend, Virgil L., G	Gainesville
Stalvey, Ester E., T	Branford	Troxler, Lanas F., A&S	Ocala
Stalvey, Lillie, T	Branford	Trombetta, Felecia M., T	Ocala
Stanley, Keith D., T	Jacksonville	Trotman, Rosemary W. (Mrs.), T	—Zephyrhills
Stansbrough, Ruth B. (Mrs.), T	Tampa	Troxler, Walter G., L	Ocala
Starace, Carl A., A&S	Coral Gables	Trotman, Warren E., G	Zephyrhills
Starbird, Marguerite H., T	Apopka	Tucker, Waudelle T., T	Gainesville
Steen, Vernon C., G	Gainesville	Tucker, Woodson C., G	Miami
Stenstrom, E. C., L	Wauchula	Tulumaris, J. C., A&S	Tarpon Springs
Stevens, Grace Adams (Mrs.), T	—Jacksonville	Tumlin, Margaret F., T	Tampa
Stevens, Wm. D., G	Jacksonville	Turner, Evelyn, T	Arcadia
Stewart, Ella H. (Mrs.), T	Wildwood	Turner, Elsie A., T	Leesburg
Stewart, Jennie (Mrs.), T	Wildwood	Turner, F. E. S. (Mrs.), T	St. Petersburg
Stimson, Mary E., T	Jacksonville	Turner, Francis E. S., T	St. Petersburg
Stine, W. D. (Mrs.), T	Oviedo	Turner, G. Fred, T	Pineland
Stivender, Minerva D. (Mrs.), T	—Leesburg	Turner, Lonnie Frank, T	—DeFuniak Springs
Stock, Joseph C., T	Interlachen	Turner, Margaret, T	Bradenton
Stock, Joseph W., T	Interlachen	Tyree, Annie Mae (Mrs.), T	—Tampashores
Story, LaLura N. (Mrs.), T	Clearwater	Upson, Ruth N., T	Jacksonville
Srackan, Clyde (Mrs.), T	Tampa	VanCleaf, Clinton B. (Mrs.), T	—Gainesville
Strange, Grace E., T	Melbourne	Vanderipe, William A., C&J	Bradenton
Strickland, Cecile L., T	Atlanta, Ga.	Van Sichel, Dale H., T	Gainesville
Stripling, Kathleen E., T	Camilla, Ga.	VanSlyke, Mary L. (Mrs.), T	—Jacksonville
Stuart, Susan C. (Mrs.), T	Bradenton	VanValkenburg, Mabel, T	Umatilla
Stubbs, Virginia K., G	Macon, Ga.	Vassie, Marie A., T	Mulberry
Sullivan, Lucile (Mrs.), T	Tampa	Vaughan, Sarah, T	Center Hill
Sutcliffe, Roland A., A&S	Miami	Veen, J. R., A&S	Palmetto
Sutton, Georgia E., T	Geneva	Vicent, Nada, T	Lecanto
Sutton, Merle, T	Palm Harbor	Vickers, Madilene, T	Okeechobee
Swearingen, Millicent B. (Mrs.), T	—Gainesville	Vogler, Chas. Wm., T	Ft. Lauderdale
Swearingen, Wm. B., A&S	Bartow	Waddy, Talitha E., T	Elfers
Sweat, Elva E., T	O'Brien	Waggoner, James E., T	Orlo Vista
Sweat, Grace H. (Mrs.) T	Wimauma	Wahlberg, J. F., T	Winter Park
Sweat, Thos. W., T	Live Oak	Waits, Zell, T	Ocoee
Sweat, Virginia E. (Mrs.), T	Live Oak	Waldron, Jesse C., T	Chiefland
Sweat, Wesley Albert, A&S	Mulberry	Waldron, Nellie E., T	Bradenton
Suitzer, Laura W., T	Tampa	Walker, Ion S., T	Tampa
Swords, Mary E., T	Gainesville	Walker, S. L., T	Perry
Syfielt, Jesse M., T	Ponce de Leon	Walker, Thomas G., G	Everglades
Sykes, Leslie F., A&S	Jacksonville	Walter, Mary Etta (Mrs.), T	—Hartford, N. C.
Tanner, Emma P. (Mrs.), T	Baldwin	Walters, Velton, T	Holopaw
Taylor, Annie I. (Mrs.), T	Sarasota	Wamble, Minnie Lee, T	Alva
Taylor, Annie C., T	Sarasota	Wampler, Sam J., T	Miami
Taylor, Della M., T	Jasper	Wann, John L., G	Gainesville
Taylor, Marianna J., A&S	Miami	Ware, Mary Patten (Mrs.), G	—Miami Beach
Taylor, Willye, T	Sebring	Warner, Lena Mae, T	Live Oak
Tedder, Warren L., L	Live Oak	Warnock, Elizabeth A., T	Inverness
Terry, Selma B. (Mrs.), T	Lake City	Warnock, Grace A., T	Inverness
Thalgott, Alberta F., G	Dunnellon	Warnock, Hollis Marion, T	Oxford
Thomas, Buna E. (Mrs.), T	Gainesville	Warren, Lucile, T	Dewyrose, Ga.
Thomas, Eleanor, T	Pittsburgh, Penna.	Warren, Martha C., T	Dewyrose, Ga.
Thomas, Elma, T	Green Cove Springs	Warren, Richard, T	Gainesville
Thomas, Ethel G., T	Lenoir, N. C.	Watkins, Jim, C&J	Gainesville
Thomas, Harvey L., T	Tallahassee		
Thomas, John H., A&S	Gainesville		
Thompson, H. S. (Mrs.), T	Kenansville		
Thompson, H. S., T	Kenansville		
Thompson, P. J. (Mrs.), G	Gainesville		

<i>Name and Classification</i>	<i>Address</i>	<i>Name and Classification</i>	<i>Address</i>
Watkins, Maud C. (Mrs.), T	Melrose	Webb, Janie F. (Mrs.), T	Tampa
Watrous, Thomas M. L.	Tampa	Webb, John N., A&S	Palatka
Watson, Eloise (Mrs.), T	Jacksonville	Webb, Thomas Roba, A&S, Winter Garden	Winter Garden
Watson, Nannie H. (Mrs.), T	Coleman	Weekley, Margaret Miner, T	Lake Wales
Watson, Veda, G	Ft. Meade	Weeks, Betty Lou, T	Newberry
Watson, Wm. B., L	Jacksonville	Weeks, Katie B., T	Newberry
Wear, Ledley H., C&J	Bartow	Weeks, Wm. T., T	Newberry
Weaver, Mabel H. (Mrs.), A&S	—Jacksonville	Weinberger, Harold Marion, A&S	—St. Augustine
Weaver, Thelma M. (Mrs.), T	Chipley	Weisner, John T., T	Waldo
Weaver, Wm. S., G	Chipley	Welborn, Elizabeth C., G	Jacksonville
Webb, Harry Carl, T	Chipley	Weller, Cleland N., T	Sarasota
Wildes, Georgia Jackson (Mrs.), T	—Clearwater	Wells, Evelyn J., T	Eureka
Wildes, Ronald Patten, T	Clearwater	Wells, Martha E., T	Jacksonville
Wikerson, Mattie W. (Mrs.), G, Coleman	Coleman	Welsh, Zillah Neal, T	Sanford
Wilkins, Colbert W., A&S	Hawthorne	Wende, A. Carrie, T	Havana
Wilkins, James A., T	Bradenton	West, Grace S., T	Ocoee
Wilkinson, Robert Wm., T	Jasper	West, Lloyd E., G	Gainesville
Williams, Angelo David, G	Wellborn	Westbury, Harry E., T	Gainesville
Williams, Evelyn E. (Mrs.), T	Wellborn	Wetherington, Rose I. (Mrs.), G, Newberry	Newberry
Williams, Flora B. A., T	Gainesville	Wetherington, Tullis S., G	Newberry
Williams, F. Reed, T	Coral Gables	Wheeler, Addie B. (Mrs.), T	Ft. White
Williams, Hettie Ruth, A&S	Perry	Wheeler, Bureon K., T	Hawthorne
Williams, Janie L., T	Bonifay	Wheeler, Isabel S. (Mrs.), T	Miami
Williams, Kenneth R., G	Monticello	Wheeler, Joseph D., G	Ft. White
Williams, Loys Helga, T	Tampa	Wheeler, Joseph A., T	Miami
Williams, Marie A., T	Dunnellon	Whetstone, Mary E. (Mrs.), T	—Palm Harbor
Williams, Margaret E., T	Milton	Whitaker, Dorothy M., T	Ocoee
Willis, Flora B. (Mrs.), T	Titusville	White, Grace E., T	Auburndale
Willis, Susie B., T	New Smyrna	White, Ruth, G	Gainesville
Willoughby, Mary G., A&S	Gainesville	Whittle, Clemmie E., T	Clearwater
Wilson, Alfred E., L	Gainesville	Wicker, Emma Dyer (Mrs.), T	Coleman
Wilson, Harold G., Ag	Center Hill	Wier, Sarah L., T	Tampa
Wilson, Mary Hughes, T	Grenada, Miss.	Wilber, Marie M., T	Alachua
Wilson, Norma E., T	Green Cove Sprgs.	Wilder, Marilu (Mrs.), T	Tampa
Wilson, Odessa M. (Mrs.), T	—Jacksonville	Wildes, Leona T. (Mrs.), T	Miami
Wilson, Verne E., G	Heltinger, N. Dak.	Wooten, Virginia Lee (Mrs.), T	Bradenton
Winkate, Adna Q. (Mrs.), T, Gainesville	Gainesville	Wright, Frank, C&J	Gainesville
Winter, Harry C., G	Gainesville	Wright, Ruth Y. (Mrs.), T	Sarasota
Winton, Daisy L., T	Bushnell	Wright, Shelley (Mrs.), T	Lem Turner
Wise, Charlotte L., T	Green Cove Sprgs.	Yawn, Cecil Parker, T	Graceville
Wood, Harry E., G	Tallahassee	Yawn, Maude J. (Mrs.), T	Tampa
Woodard, Hazel (Mrs.), T	Laurel	Yenawine, Viola E., T	Jacksonville
Woodard, Willie Mae, T	Gainesville	Yoder, Cecile, T	Moore Haven
Woods, James Pasco, T	Perry	Yon, Sally, T	Gainesville
Woodwell, Ruth Adams, T	Madison	Yongue, Lauren E., T	Fairfield
Woolslair, John Kneeland, C&J, Ft. Myers	Ft. Myers	Yongue, Leila O. (Mrs.), T	Fairfield
Wooten, J. D., T	DeFuniak Springs	Zetrouer, Charlotte E., T	Rochelle
Webb, Herbert M., T	Lakeland	Zimmerman, Paul Arthur, A&S	Miami
Webb, Iva R. (Mrs.), T	Winter Garden	Zipperer, Eunice E., T	Madison
		Zipperer, Mary L., T	Madison

GEOGRAPHIC DISTRIBUTION OF STUDENTS BY
COUNTIES, STATES AND FOREIGN COUNTRIES

SUMMER SESSION 1929

COUNTIES		COUNTIES	
Alachua	315	Monroe	7
Baker	16	Martin	5
Bay	10	Nassau	7
Bradford	7	Okaloosa	3
Brevard	20	Okeechobee	5
Broward	11	Orange	57
Calhoun	9	Osceola	10
Charlotte	1	Palm Beach	21
Citrus	7	Pasco	14
Clay	10	Pinellas	70
Collier	2	Polk	49
Columbia	14	Putnam	16
Dade	81	St. Johns	17
DeSoto	17	St. Lucie	4
Dixie	3	Santa Rosa	10
Duval	129	Sarasota	11
Escambia	19	Seminole	15
Flagler	2	Sumter	27
Franklin	2	Suwannee	45
Gadsden	17	Taylor	14
Gilchrist	10	Union	13
Glades	1	Volusia	50
Gulf	1	Wakulla	1
Hamilton	8	Walton	5
Hardee	21	Washington	10
Hendry	1		
Hernando	10	STATES	
Highlands	5	Alabama	5
Hillsborough	120	Florida	1571
Holmes	5	Georgia	17
Indian River	3	Illinois	2
Jackson	16	Massachusetts	1
Jefferson	12	Mississippi	2
Lafayette	8	New York	1
Lake	25	North Carolina	3
Lee	21	North Dakota	1
Leon	8	Pennsylvania	2
Levy	15	South Carolina	5
Liberty	5	West Virginia	1
Madison	16	Wisconsin	1
Manatee	32		
Marion	50	COUNTRIES	
		South America	1

GEOGRAPHIC DISTRIBUTION OF STUDENTS BY
COUNTIES, STATES AND FOREIGN COUNTRIES
REGULAR SESSION 1929-30

COUNTIES		COUNTIES	
Alachua	255	St. Johns	37
Baker	2	St. Lucie	23
Bay	16	Santa Rosa	7
Bradford	4	Sarasota	21
Brevard	30	Seminole	25
Broward	28	Sumter	14
Calhoun	10	Suwannee	22
Charlotte	7	Taylor	8
Citrus	7	Union	5
Clay	9	Volusia	38
Collier	2	Walton	16
Columbia	17	Washington	5
Dade	171		
DeSoto	12	STATES	
Dixie	3	Alabama	11
Duval	230	Arkansas	1
Escambia	56	California	1
Flagler	6	Connecticut	6
Franklin	6	District of Columbia	3
Gadsden	24	Florida	2088
Gilchrist	7	Georgia	23
Gulf	6	Illinois	5
Hamilton	5	Indiana	8
Hardee	14	Iowa	1
Hendry	8	Kentucky	4
Hernando	9	Maryland	2
Highlands	7	Massachusetts	5
Hillsborough	208	Michigan	5
Holmes	5	Minnesota	3
Indian River	1	Mississippi	4
Jackson	24	Missouri	3
Jefferson	15	Nebraska	1
Lafayette	3	New Hampshire	1
Lake	53	New Jersey	11
Lee	20	New York	16
Leon	35	North Carolina	7
Levy	10	Ohio	8
Liberty	3	Oklahoma	1
Madison	9	Pennsylvania	7
Manatee	39	Rhode Island	1
Marion	41	South Carolina	9
Martin	4	South Dakota	1
Minneola	1	Tennessee	1
Monroe	11	Texas	1
Nassau	10	Vermont	1
Okaloosa	9	Virginia	1
Okeechobee	7	West Virginia	2
Orange	88	Wisconsin	3
Osceola	17		
Palm Beach	57	COUNTRIES	
Pasco	18	Cuba	3
Pinellas	106	France	1
Polk	102		
Putnam	19	Not given	8

GEOGRAPHIC DISTRIBUTION OF STUDENTS BY
COUNTIES, STATES AND FOREIGN COUNTRIES

SUMMER SESSION 1930

COUNTIES		COUNTIES	
Alachua	181	Okeechobee	5
Baker	13	Orange	57
Bay	7	Osceola	8
Bradford	5	Palm Beach	25
Brevard	10	Pasco	13
Broward	7	Pinellas	52
Calhoun	7	Polk	63
Charlotte	5	Putnam	15
Citrus	9	St. Johns	16
Clay	22	St. Lucie	4
Collier	3	Santa Rosa	9
Columbia	12	Sarasota	21
Dade	67	Seminole	18
DeSoto	15	Sumter	34
Duval	24	Suwannee	38
Escambia	9	Taylor	11
Flagler	4	Union	10
Gadsden	3	Volusia	30
Gilechrist	7	Walton	7
Glades	5	Washington	7
Hamilton	8		
Hardee	10	STATES	
Hendry	5	Alabama	7
Hernando	8	Arkansas	1
Highlands	7	Florida	1373
Hillsboro	130	Georgia	12
Holmes	12	Indiana	2
Indian River	5	Iowa	1
Jackson	17	Minnesota	1
Jefferson	7	Mississippi	2
Lafayette	2	Nebraska	2
Lake	31	North Carolina	4
Lee	14	North Dakota	1
Leon	7	Pennsylvania	3
Levy	18	South Carolina	3
Liberty	2	Tennessee	1
Madison	10	Virginia	1
Manatee	34	West Virginia	2
Marion	64		
Martin	4	COUNTRIES	
Monroe	10	China	1
Nassau	8	France	1
Okaloosa	2	Not given	5

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MAY 28, 1929

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Watson Perry Davidson	Joseph Lancelot Lazonby
Thomas Eldred Duncan	Roe Martin
Thomas Nancy Farabee	Thomas Andrew Owens
Samuel Wista Fielding	John Theron Rowell
Grady Harrison	George Walter Scofield, Jr.
John Arthur Holmes	Gurdon Henry Welles
	Joseph Augustus Wheeler

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LeRoy Tilson Fisher	George Garrison Smith
Clarence Joseph Lee	Helman Smith
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Walter J. Cowart	John Keener Mizell
Norman Cecil Crews	Marion Deming Perkins
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Dean M. Darby	Manning C. Rider
Francis Marion DeGaetani	John Lewis Scotten
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Stanley LeRoy Bennet	John Edwin Holsberry
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Arthur Keith Black	William William Judge
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A. Lee Bradford	Edward Clay Lewis, Jr.
W. Allen Bryan	Charles David Linebaugh
George Archibald Buie, Jr.	Latimer Ashley Long
Raymond Orlando Burr	Will Kelly McClain
Herbert Nicholas Casebier	James Messer, Jr.
Frank Thompson Cannon	Louis B. Rifkin
Wilburn A. Cleveland, Jr.	Wayne Eugene Ripley
William M. Davis	Joseph Schwartz
Marcus Edelstein	William Joseph Sears, Jr.
Bernard Henry English	Sam Silverman
Hayford O. Enwall	Allen Lowd Smith
Augustus Alston Fisher	William Marion Swink
David Frank	Frank B. Thrower
Joseph Wheeler Frazier, Jr.	Leon William Traxler
James Franklin Garner, Jr.	Glover Manuel Turner, Jr.
Alva Knox Gillis	John Fiske Vanderipe, Jr.
	Nat Lawrence Williams

JURIS DOCTOR

A. Dana Brown	Michael M. Kendall
Edward O. Denison	Nathan J. Roberts
William Curry Harris	Omer S. Thacker
	Richard Lee Stanley

BACHELOR OF SCIENCE IN ARCHITECTURE

William Tobias Arnett	Julian Morris Pritchard
Archie Altman Boone	Norman A. Skeels
Robert Hamilton Brown, Jr.	Ivan Huron Smith
Boyd Rescoe Parker	Robert Sheppard Yeats

BACHELOR OF SCIENCE IN MECHANICAL ENGINEERING

Porter Claude Crapps, Jr.

BACHELOR OF SCIENCE IN MECHANICAL ENGINEERING

Maurice Randolph Bachlott	Chester Eugene Mines
Donald William Beckwith	James David Renfroe, Jr.

BACHELOR OF SCIENCE IN ELECTRICAL ENGINEERING

Thurman Doub	Aimar Waldemar Payne
Bernhardt Lee Ferris	Nathan Jewett Rogers
Ramon Alfanso Menendez	Pettus Kinnebrew Wilson, Jr.

BACHELOR OF SCIENCE IN CIVIL ENGINEERING

Powell Newton Blasingame	Alfred Ernest Hills
Simeon Dudley Chittenden	Robert Milton Johnson
Edwin Tilden Collier	John Donald Miller
Frederic Collin	Alton A. Register, Jr.
Arthur Slater Cox	James Mitchell Rice
Clyde Littleton Driggers	Allen Thomas Robb
Robert Heman Glass	Charles Franklin Trainor

ELECTRICAL ENGINEER

Charnelle Hodges Summers, Jr., B.S.E.E., University of Florida—1925

CIVIL ENGINEER

Ernest Ellis Bentley, B.S.C.E., University of Florida—1925

Herbert Anthony Lee, B.S.C.E., University of Florida—1925

Ma'colm Nichols Yancey, B.S.C.E., University of Florida—1920

BACHELOR OF SCIENCE IN AGRICULTURE

Donald Felter Baker	Harold Mowry
Robert Edward Bateman	Clarence William Nelson
Malcolm Roy Bedsole	Frank J. Reynolds
Franklin Sylvester Blanton	Henrik Sogard Robinson
Aubrey Elsworth Dunscombe	James Elbridge Sawyer
Howard Bradley Johnson	George Leslie Stearns
Steiner Clive Kierce	Clarence N. Watson
James Edgar McIntire	Donald Hunter Yawn

BACHELOR OF SCIENCE

James Greenwood Abernathy	Norman Wightman McLeod
Fred Donald Ayres	J. Webster Merritt
Forrest Groves Bratley	Jesse Arnold Morway
Loris Rood Bristol	John Barkley Rosser
Arnold Walker Dean	Richard Page Trogdon
Albert R. Frederick	Woodson C. Tucker, Jr.
Daniel Angus McKinnon, Jr.	Howard Keefer Wallace

Laurence Maxon Wiig

BACHELOR OF ARTS

Jerome Alton Connor	Donald R. Matthews
James Aloysius Flaherty	Albert Alexander Murphree, Jr.
Fred W. McCall	Benjamin Perloff
John J. McCranie, Jr.	Samuel Delmar Wallace
John Vredenburgh McQuitty	Otto Wettstein III

MASTER OF SCIENCE IN PHARMACY

Walter William F. Enz, B.S. in Pharmacy, Purdue University, 1927

Thesis: "A Study of the Stability of Solution of Arsenous and Mercuric Iodine,
U. S. P. X."

Harold W. Werner, B.S., University of Wisconsin, 1927

Thesis: "A Phyto-Chemical Study of *Pycnanthemum Miticans* (Michx.) Pers.
(*Koellia Mutica* (Michx.) Britton).

MASTER OF SCIENCE IN ENGINEERING

George Hoffman Smith, BS in Mechanical Engineering, University of Florida, 1928

Thesis: "Stresses and Strains in Cranked Shafts."

MASTER OF SCIENCE IN BUSINESS ADMINISTRATION

Richard Moir Hutchings, B.S. in Business Administration, 1928

Thesis: "Trends in the Marketing of Florida Citrus Fruits."

MASTER OF SCIENCE IN AGRICULTURE

John Francis Cooper, Jr., B.S. in Agriculture, Alabama Polytechnic Institute, 1921

Thesis: "A Study of the Cost of Growing Beans in Florida, 1927-28."

George Ransom Graham, B.S.A.E., University of Florida, 1923

Thesis: "The Cost of Living On One Hundred Farms, Columbia County, Florida,
Year 1927-28."

Harold N. Haskell, B.S. in Agriculture, University of Florida, 1927

Thesis: "An Economic Study of Some Farms in Alachua County."

George Alfred Merrin, B.S. in Agriculture, University of Florida, 1927

Thesis: "The Effect of Oil Sprays on the Transpiration of Citrus."

George Newton Motts, B.S. in Agriculture, Ohio State University, 1927

Thesis: "Some Observations of the Growth and Fruiting Habits of the
Tung Oil Tree."

Robert Louis Zentgraf, B.S., Cornell University, 1927

Thesis: "An Economic Study of Farming in the Plant City Area, Hillsborough
County, Florida."

MASTER IN SCIENCE

Edward Thorpe Boardman, B.S., University of Florida, 1928

Thesis: "The Ticks of the Gainesville Area."

John Thomas Creighton, B.S. in Agriculture, University of Florida, 1926

Thesis: "The Biology and Life History of the Palm-Leaf Skeletonizer (Palm-
Leaf Miner), *Homaledra Sabalella* (Chambers), An Insect Pest of the Palms."

Earll Leslie Lord, A.B., Cornell University, 1909

Thesis: "A Taxonomic Revision of the Genus *Citrus* With Special Reference to
the Cultivated Species."

Zareh M. Pirenian, B.S. in Chemical Engineering, University of Florida, 1926

Thesis: "Study of Methods of Separation of Metals of the Platinum Group."

MASTER OF ARTS IN EDUCATION

G. Ballard Simmons, A.B. in Education, University of Florida, 1922

Thesis: "Classroom Supervision in the Elementary Division of the Accredited Public Schools of Florida."

Bert G. True, B.S. in Education, Southwest Missouri State Teachers College, 1928

Thesis: "Interschool Debate."

MASTER OF ARTS

Charles Eugene Mounts, A.B.E., University of Florida, 1926

Thesis: "Whitman and Sandburg: A Literary Kinship."

Donald Powell Wilson, A.B., Asbury College, 1920

Thesis: "An Experiment in the Measuring of Attitudes."

DOCTOR OF LAWS

Honorable Edgar Lawrence Wartmann

RESERVE CORPS COMMISSIONS

Allen, Chester Robinson	Greene, Lorin Arthur, Jr.
Bashaw, William Niles	Guessaz, Louis Alexander, Jr.
Baumgartner, Dorst Frederic	Hancy, Stephen Foster
Beardsley, Edward Henry, Jr.	Hiers, Bryant Dickinson, Jr.
Benson, Robert Thomas	Hills, Alfred Ernest, Jr.
Blanton, Franklin Sylvester	Johnson, Howard Bradley
Black, Kermit Kellogg	McDonald, Benton Osborne
Bogan, Leslie Eugene, Jr.	McLeod, Borman Wightman, Jr.
Boone, Archie Altman	Machen, James Thomas
Brooker, Layton Roberts	Merrin, Phil F.
Brown, William Franklin, Jr.	Miller, Theodore Worrall
Butler, Byron Neel	Munger, Forest Harrold
Carlton, Mabry A.	Newton, Walter Philip
Chittenden, Simeon Dudley	Owenby, Carl Lester
Connor, Jerome Alton	Parker, Boyd Rescoe
Connor, Warren William	Pritchard, Julian Morris
Cowart, Walter James	Rainey, Morton Henry
Crews, Norman Cecil	Ray, William Newton, Jr.
Culpepper, John Broward	Rogers, Nathan Jewett
Curry, Edgar Hayden	Rossetter, James Wadsworth, Jr.
Davis, Griffin Dorchester	Sweat, Wesley Albert
Dinning, William Layton	Trainor, Charles Franklin
Douglass, Clark Palmer	Untreiner, Royal J.
Emerson, Francis Horton	VeVerka, Richard Dale
Fisher, William, Jr.	Wall, Samuel Maupin
Fletcher, Ward Thomas	Walden, Robert Lee
Ford, Raymond Edmund	Waugh, Joseph Edward, Jr.
Frederick, Albert Roland	Wilder, Wallace Livingston
Goldsby, Joe Cecil	Yawn, Donald Hunter

CERTIFICATES IN LIEU OF COMMISSIONS

Bedsole, Malcolm Roy, Jr.	Kirby, William Gilchrist
Butler, Mark Dupuy	Tucker, Woodson Coleman, Jr.
Herlong, Albert Sydney, Jr.	Shuler, Jay Alfred
Williams, Kenneth Rast	

DEGREES AND DIPLOMAS CONFERRED

JULY 31, 1929

NORMAL DIPLOMAS

Miriam H. Bailey	Mary G. Long
Clayton Claude Bass	Daisy E. Lyman
Benny Arden Brown	E. H. Miller
Irene Juanita Campbell	Theodore W. Miller
Ralph E. Carter	Caroline G. Mizell
Mattie Lee Cauthen	Vera Pearson
Elizabeth Maney Cone	Theresa Frances Phillips
Leona Snyder Davis	Mildred Caldwell Price
Elizabeth M. Furen	Mamie Lee Rencher
Eleanor Murdoch Gaylord	Ila Crawley Russ
Anna Shepard Guito	Annie Fennell Sikes
Janie Pauline Hall	Mayme Smedley
Eleanor S. Harlee	Cecil Lee Smith
George Lester Harrison	James Wallace Smith
Elmer Wood Ihrig	Dennis Keith Stanley
Susan Jane Jennings	Marie Van Antwerp
Joseph Eddie Kelly	Edwin L. Williams
William Folwill Lloyd, Jr.	Cecil Parker Yawn

BACHELOR OF SCIENCE IN BUSINESS ADMINISTRATION

Henry Ellsworth Ringling

BACHELOR OF SCIENCE IN EDUCATION

John Marshall Davies	Albert L. Hardy
Cecil W. Donahue	Gurdon Henry Welles

BACHELOR OF SCIENCE IN EDUCATION

Bessie Lett Carter	Samuel Anders Leonard
Occie Clubbs	Thomas Chafer Prince
Mercer Cox	Ashley Roche Russ
Watson Perry Davidson	Sister Mary Agatha
Anne Lyde Dawson	Sister St. Andrew
G. Madeleine Driscoll	William D. Stevens
Mae Freeberg	Anna Bodell Larson Trimble
Adaline Jane Haseltine	Warren Ellis Trotman
Jay Derieux Hobbs	Lubye Idella Wells
Ruth H. Hollingsworth	Alton H. Wentworth
Minton Hollingsworth Johnson	Emma Dyer Wicker

BACHELOR OF LAWS

James Greenwood Abernathy, Jr.	Benjamin Pierpont Richards
Jacob Model	David Clair Smith
William Mullen Pepper, Jr.	Paul A. Smysor
Cyril E. Pogue	Edward Eugene Turner
Allan Collier Ramsey	Ray M. Watson

JURIS DOCTOR

Horace S. Wilson

BACHELOR OF SCIENCE IN ARCHITECTURE

Cyril Bayly

BACHELOR OF SCIENCE IN ELECTRICAL ENGINEERING

Leonidas Calvert Moore, Jr.

BACHELOR OF SCIENCE IN CIVIL ENGINEERING

Joseph Edward Waugh

BACHELOR OF SCIENCE IN AGRICULTURE

John Calvin Graves	Charles Edward Jackson, Jr.
Grover Cleveland Norman	

BACHELOR OF SCIENCE

Ed Todd O'Donald	Robert Oliver Sewell
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BACHELOR OF ARTS

Hugh Stewart Austin

MASTER OF SCIENCE IN AGRICULTURE

Linton A. Richardson	Robert Fulton Sikes
Hiram Toliver Woodruff	

MASTER OF SCIENCE

Maynard Lea Bowen	Ernest Rudolph Purvis
Kenneth W. Loucks	Walter John Sciutti

BACHELOR OF ARTS IN EDUCATION

Orville Rhoads Davis	Bourland Benjamin Fowler
Malcolm Gilbert Donaldson	John Franklin Williams, Jr.
Frank Marshall Foulks	Thurston Philip Winter

MASTER OF ARTS

Hubert Arthur Haseltine	Henry Peel
George Leighton La Fuze	Harold Rinalden Saunders

DEGREES CONFERRED

FEBRUARY 1, 1930

BACHELOR OF ARTS IN EDUCATION

Marshall Ashby Pyles

Carrie-Bennie Boyd

BACHELOR OF LAWS

Roy Ray Brooks

Mabry A. Carlton

Edgar Martin Felson

James C. Getzen, Jr.

Malcolm Jackson Hall

Clifford D. Hawley, Jr.

Dean Charles Houk

Harry M. Kaplan

Herbert Alexander Love, Jr.

William S. Phillips

John Lawler Richards

Thomas Judson Rivers

Abe H. Rothstein

George B. Stanley

Wilbur Charles Stone

Samuel DelMar Wallace

Thomas Franklin West, Jr.

JURIS DOCTOR

Martin Hartwell Moyer

John Mathews McNatt

BACHELOR OF SCIENCE IN CHEMICAL ENGINEERING

Earl Perry Wingert

BACHELOR OF SCIENCE IN AGRICULTURE

Myron McFie Varn

BACHELOR OF SCIENCE

Mark Dupuy Butler

BACHELOR OF ARTS

Lorin Arthur Green, Jr.

DEGREES AND DIPLOMAS CONFERRED

JUNE 2, 1930

NORMAL DIPLOMA

George Atkins	Mike S. Houser
Jerry Williams Carter, Jr.	Wilbur E. Royce
Jack P. Dalton	Hyman Burton Sobol
Thomas William Sweat	

GRADUATE IN PHARMACY

Leslie Earle Arnow	Louis Magid
Henry L. Hicks, Jr.	James Clifford Pratt
Carl Kazarian	James T. Scaglione
Harry S. Kazarian	Bryant Mason Stone
Leon Shepard McLean	Sidney Thornton Zemp

BACHELOR OF SCIENCE IN ARCHITECTURE

Francis W. Craig	Gaius Winchester Howe
Francis H. Emerson	Julius P. McLanahan
Eliot Chapin Fletcher	David Wilfred Potter
Albert Courtney Stewart, Jr.	

BACHELOR OF SCIENCE IN JOURNALISM

Gordon S. Adams	William Layton Dinning
William Boarman Byrd	

BACHELOR OF SCIENCE IN BUSINESS ADMINISTRATION

John Ernest Amos	Thomas Preston Johnson
Henry Duncan Anthony	Artis Lane Kent
Forrest G. Ashmead	Gerald Edward Ludwig
Joe Bass	John Marasales
Kermith Lamar Black	Ralph William Miller
Bernard G. Blanck	Curtis Dietrich Morgan
Leslie Eugene Bogan, Jr.	Samuel Andrew Nasrallah
J. Owen Boote, Jr.	Marcus Nance Owen
Robert William Boyd	Howard Line Putnam
John Frank Chase, Jr.	Joseph Davies Rice
George Edward Elms, Jr.	Richard Lardner Sample
Eugene Varnadoe Fisher	Orilas Leslie Sands
Jo. D. Gill	Dan R. Schwartz
Gerritt Frederick Haynes	John Buchan Stadler
Thomas Herschel James	Howard Frederick Wass

BACHELOR OF SCIENCE IN PHARMACY

Leslie Earle Arnow	Arnold DeMerritt Welch
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BACHELOR OF SCIENCE IN AGRICULTURAL EDUCATION

Adam Webster Tenney

BACHELOR OF SCIENCE IN EDUCATION

Theodore Worrall Miller	William Everett Robinson
Chas. F. Morris	John Theron Rowell
William George Smedley	

BACHELOR OF ARTS IN EDUCATION

Chas. L. Andrews	Carl Parker Schiller
Rainey Cawthon	Charles Edward Hartley
James Earl Christo	Henry Broward Miller
Joseph Edwin Price	Guy Frederick Smith
J. Alfred Robbins	Harry Smith Thach
	Edwin Lacy Williams, Jr.

BACHELOR OF LAWS

Alfred T. Airth	George Marvin Green
William G. Akridge	Edward William Grenelle
Charles Saxon Ausley	Charles Moses Guyton
Kenneth Victor Buck	Albert Sydney Herlong II
Donald Ellwood Calvert	Dewey M. Johnson
Henry Nurney Camp	Ralph Kayser Lindop
Thaddeus H. Carlton	Charles William Luther
James W. Chambliss	Paul H. Marks
Laurence D. Childs	Charles C. Mathis, Jr.
Warren William Connor	Edwin L. Miller
Monroe Alvin Coogler	Carl Lester Owenby
Edgar Hayden Curry	John Lewis Reese
Harold Gilbert Davis	Ernest LaMar Sarra
George Leitner Denham	George B. Stanly
Harold Charles Farnsworth	W. L. Thomas
Chester Howell Ferguson	B. C. Thornal
John Compton French	Royal J. Untreiner
Herbert Francis Fuller	Celestino Camilito Vega, Jr.
	Errol Shippen Willes

JURIS DOCTOR

Louis Spencer Bonsteel	Arthur Allen Simpson
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BACHELOR OF SCIENCE IN CHEMICAL ENGINEERING

William Richard Clarke, Jr.	Sol Jay Perlman
Henry Higdon Edwards	Nelson Takahashi

BACHELOR OF SCIENCE IN MECHANICAL ENGINEERING

John Erwin Caldwell	Chesterfield Howell Janes
Samuel Monroe Hosmer Dowdell	Parker Wardrope MacCarthy
William Warrick Fineren, Jr.	Johnnie L. Sanger
Joseph Scott Ford	W. A. Stansfield
	Alden George Stone

BACHELOR OF SCIENCE IN ELECTRICAL ENGINEERING

Lloyd Ross Bassett	David Edward Lawrie
Robt. H. Beasley	John Wilkes McKay
Ray Donald Cox	Thomas Rusley Meeder
Elio Fueyo	Raymond Leroy Smith
Edward M. Grout	David Calvin Trafton
W. Munson Johnson	Tracy Ryan Walsh
	Alexander Lee Webb

BACHELOR OF SCIENCE IN CIVIL ENGINEERING

Joseph William Beachem	Herbert Lloyd Hodges, Jr.
Clark Harry Buell	Charles Bryan King
Vernon G. Campbell	Alfred Lester Oliver
Hubert Fryer Garrison	Henry Wilbur Overstreet
Joe C. Goldsby	William Taylor Pierce
Robt. W. Hart	Hiram Felix Sharp
Norman Comstock Harvey	George Thomas Wilson

CIVIL ENGINEER

Victor Gerard Brash, B.S.C.E., 1925
Benjamin Jack Finman, B.S.C.E., 1925

ELECTRICAL ENGINEER

William George Parmenter, B.S.E.E., 1925

MECHANICAL ENGINEER

Bernard King Durst, B.S.M.E., 1924

BACHELOR OF SCIENCE IN AGRICULTURE

W. B. Barnhill	John Alexander Ross
Thomas Leonard Cain, Jr.	Neil Donald Ross
Robert Spencer Edsall	Clayton Murray Sipprell
Willard Merwin Fifield	Sam O. Slough
Mark Bartley Jordan	Richard Kenneth Voorhees
William Raymond Lyle	Charlie Frantz Walker
Felix Anthony Reiber	Louis William Ziegler

BACHELOR OF SCIENCE

Mark Elbert Adams	Norman West Davis
Lloyd L. Baldwin	Robert I. Fisher, Jr.
Paul White Calhoun	Lawrence Edward McEldowney
Gustavo Neri Click	Maurice Lee Moore
Howard Fletcher Currie	Walter Ellis Murphree
Herschell Wallace Dalton	Edward S. Quade

BACHELOR OF ARTS

William Niles Bashaw	George Adair Foster
Byron F. Campbell	William A. Herin
Robert Spratt Cockrell, Jr.	Joseph P. C. Johnson
Reid A. Cohen	William T. Mayo
Frederick Edward Cook	Frank Lon Peterson
George Leitner Denham	William Harold Roberts
Arthur Allen Simpson	

MASTER OF SCIENCE IN BUSINESS ADMINISTRATION

Merle Oliver Barnd, B.S.B.A., University of Florida, 1928
Thesis: "A Study of a Group of Florida State Bank Failures in 1929."

MASTER OF SCIENCE IN AGRICULTURE

Raymond Holt Howard, B.S.A., University of Florida, 1928

Thesis: "A Study of the Relation of Grade and Staple to the Price of Cotton Grown in Florida."

MASTER OF SCIENCE

Marshall T. Deonier, B.S.A., Oklahoma A. & M. College, 1928

Thesis: "Identification of the Leading Citrus Rootstocks by Microscopical and Chemical Examination."

Jack Boling Hester, B.S., Clemson College, 1926

Thesis: "The Effect of Limestone on Decreasing the Crop Yield on the Norfolk Sandy Soils of the Coastal Plains."

S. Kenneth Love, B.S., University of Florida, 1927

Thesis: "The Potentiometric Determination of Iodides in Natural Waters."

Burton John Henry Otte, A.B., Carleton College, 1918

Thesis: "A Study of the Composition of the Oleoresin of *Pinus Palustris* and *Pinus Heterophylla* From High, Medium, and Low Yielding Trees."

MASTER OF ARTS IN ARCHITECTURE

Robert Sheppard Yeats, B.S. Arch., University of Florida, 1929

Thesis: "Theories and Principles of College Campus Planning With Special Application to the Present Site of the University of Florida."

MASTER OF ARTS IN EDUCATION

George William Dansby, B.S.A.E., University of Florida, 1920

Thesis: "Examples of How an Enterprise of Citrus is Analyzed for Use in Teaching Vocational Agriculture."

A. Leach Rider, B.S.E., University of Florida, 1919

Thesis: "A Study of College Freshmen Failures Based Upon an Investigation of the Records of One Hundred Students From Five Small Florida Standard High Schools."

MASTER OF ARTS

Uri Pearl Davis, A.B., Milton College, 1907

Thesis: "On the Prime Number System."

Oscar Leon Durrance, B.S.E., University of Florida, 1928

Thesis: "The Assessment of Realty for Taxation Purposes With Special Reference to Alachua County."

DOCTOR OF LAWS

Senor Don Orestes Ferrara

Ambassador Extraordinary and Plenipotentiary from Cuba to the United States

RESERVE CORPS COMMISSIONS

UNITED STATES ARMY

Infantry

Anthony, Henry Duncan
 Baldwin, Lloyd Lavelle
 Beggs, Elmore Dixie, Jr.
 Bisant, Oscar Melville
 Boyd, Randolph Wilson
 Caldwell, John Erwin
 Caraballo, Martin, Jr.
 Carmichael, Parks Mason
 Cawthon, Rainey
 Chase, John Frank, Jr.
 Cockrell, Robert Spratt, Jr.
 Currie, Howard Fletcher
 Dahl, John Edgar
 Dial, William Henry
 Dishong, William Word
 Duckwall, William David
 Edsall, Robert Spencer
 Elms, George Edward, Jr.
 Fifield, Willard Merwin
 Fisher, Eugene Varnadoe
 Grout, Edward Morse
 Harvey, Norman Comstock
 Hawkins, George Alma

Hearn, Vernice Law
 Henry, Clarence Reamer
 Jefferson, Wayne Otto
 Kelly, Daniel Anthony, Jr.
 Ludwig, Gerald Edward
 McEwen, James Milton
 McGee, William Lanier
 McGovern, Donald Conrad
 Marasales, John
 Mathis, Charles Carvel, Jr.
 Neville, Joseph Hugh, Jr.
 O'Connell, Phillip Dillon
 Oliver, Alfred Lester
 Raulerson, Leamon William
 Sanger, Johnnie Louas
 Shannon, Mel Samuel
 Sharp, Hiram Felix
 Sipprell, Murray Clayton
 Smith, Guy Frederick
 Wigginton, John Talbot
 Yarbrough, Lucien Bell
Chemical Warfare Service
 Welch, Arnold DeMerritt

CERTIFICATES IN LIEU OF COMMISSIONS

Infantry

Adams, Mark Elbert
 Arnow, Leslie Earle
 Dowdell, Samuel Hosmer
 McCaskill, John Edward

Owen, Marcus Nance
 Murphree, Walter Ellis
Chemical Warfare Service
 Clark, William Richard, Jr.

DEGREES AND DIPLOMAS CONFERRED

AUGUST 7, 1930

NORMAL DIPLOMA

Rose Minnich Anderson	Louise Mathis Fitzgerald
Leo Henry Armstrong	Nina F. Fowler
Genevieve Baker	Mamie L. Fugate
Annie Baldwin	Angie Geraldine Garcia
Edna Louise Bassett	Evelyn Balbina Garcia
Ernest Jerome Bowyer	Marion Eulalia Garcia
Merritt Brown	Elizabeth E. Hinson
Pansy Barrett Caldwell	Zola Padgett Holliday
Lynn R. Davis	John T. Howard
Mary Lucille Dickson	Florence Longmore Hughes
Julia M. Diffenwierth	Thomas Maxwell Johns
Sarah Freeman Durham	Maria Luisa Arco Justen
Carl T. Durrance	Oscar Joseph Keep
Glynn Carlyle Evans	Charlotte Rippey Klett
Elizabeth Lansden	Stella Mae Brunen Powell
Edw. E. Laney	Ora Stamp Rice
Sara Little	Ruby Rollins
Ethel J. Loring	Zoila A. Salas
Caroline Pasteur Lytle	Effie Reeve Sensabaugh
Mildred H. Mahood	Fannie Olivia Smith
Flarra McArthur Marshburn	Minerva Drake Stivender
Lillie Fair Milteer	Francis Edwin Stafford Turner
Luellen Jones Munn	Charles William John Vogler
Charles E. Palmour	Jesse C. Waldron, Jr.
Harriet Poyntz Polk	Herbert Mitchell Webb
Cora Fay	Isabel Sybil Wheeler

Flora B. Willis

BACHELOR OF SCIENCE IN JOURNALISM

Franklin Sumner Wright

BACHELOR OF SCIENCE IN BUSINESS ADMINISTRATION

Raymond A. Bloedel	Robert C. Evans
Leland G. Hall	

BACHELOR OF SCIENCE IN PHARMACY

Frank S. Anderson, Jr.

BACHELOR OF SCIENCE IN EDUCATION

Grace Dell Fogg	Samuel Thos. Lastinger
Nancy Millen Hill	Louise Dickie Moore
Cecil Parker Yawn	

BACHELOR OF ARTS IN EDUCATION

Eloise Gibson Collins	Clara Belle Ledbetter
Juanita Cooksey	Mary Bertha Lipscombe
Fannie Cumming	Mary G. Long
Martha Fitts Dauer	N. Broward Lovell
Manning J. Dauer, Jr.	Essie Sutherland McClellan
Lawrence Eugene Edenfield	Leonard Lee McLucas
William Irvin Fernald	Roe Martin
Horace B. Fletcher	Bessie Norton
Gladys Graham	Reuben Bennett Orr
Edgar Wilson Greene	Paul Edward Peters
Harry Stanley Greene	Edward Rite Poppell
Grady Harrison	Francis Arlie Rhodes
Vernice Law Hearn	Sister M. Brendan
Edwin Lloyd Henderson	George H. Skermer
Earl Eric Hennessee	Dennis Keith Stanley
Gertrude Florence Jacobi	Dale H. Van Sickle
Joseph Eddie Kelly	Joseph Augustus Wheeler

BACHELOR OF LAWS

Wilfred G. Bailey	George Rudolph Helvenston
Byron F. Campbell	Vernon Charles Rawls
Sheldon Dubler	Wilburn Frank Robinson
Herbert William Fishler	Moe B. Safer
Thomas Wade Harrison	Warren Louis Tedder

BACHELOR OF SCIENCE IN MECHANICAL ENGINEERING

William Lanier McGee

BACHELOR OF SCIENCE IN ELECTRICAL ENGINEERING

William Wallace Boyd

BACHELOR OF SCIENCE IN CIVIL ENGINEERING

Wesley Albert Sweat	Gordon Simpkins Mobley, Jr.
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BACHELOR OF SCIENCE IN AGRICULTURE

Shelby Lee Brothers	Arthur M. Hill, Jr.
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BACHELOR OF SCIENCE

Donald James V. Coleman	Clarence Reamer Henry
Edgar Stuart Estes, Jr.	Edgar Bernard Johnwick
Joseph Hugh Neville, Jr.	

BACHELOR OF ARTS

John Broward Culpepper	Forrest Harrold Munger
George John Miller	James Roe Perry

UNIVERSITY DIRECTORY

MASTER OF ARTS IN EDUCATION

Noble Boyd Armstrong	Charles Wright Persons
Orion Alfred Mann	Thomas Richard Robinson
Mary Elizabeth Peek	DeWitt F. Rollins
Harry Evins Wood	

MASTER OF SCIENCE IN AGRICULTURE

Malcolm Roy Bedsole, Jr.	Frazier Rogers
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MASTER OF SCIENCE

Fred Donald Ayres	Woodson C. Tucker, Jr.
Walter Evans Blackburn	Wayne R. Wenger
Arnold Walker Dean	Lloyd E. West
Norman Wightman McLeod, Jr.	Harry Chance Winter

MASTER OF ARTS

Ernest Bridges	Marilla Old
Rachel F. Crozier	Thomas George Walker

PHI KAPPA PHI HONOR SOCIETY

OFFICERS 1929-30

J. W. NORMAN.....	President
RUDOLPH WEAVER	Vice-President
J. V. McQUITTY	Secretary
CORA MILTMORE	Treasurer
J. M. LEAKE.....	Historian

ELECTED DURING THE SUMMER SESSION 1929

Hugh Stewart Austin	Grover Cleveland Norman
Bessie Lett Carter	Harold Rinaulden Saunders
Watson Perry Davidson	Joseph E. Waugh
Bourland Benjamin Fowler	Alton Haddon Wentworth

ELECTED DURING THE YEAR 1929-30

ARTS AND SCIENCES

William A. Herin	George John Miller
William Thomas Mayo	Maurice Lee Moore
Edward S. Quade	

AGRICULTURE

Felix Anthony Reiber

LAW

Charles William Luther	William Graves Carleton
John Mathews McNatt	William Everett Robinson

TEACHERS

Manning J. Dauer	Charles Edward Hartley
Joseph E. Price	

COMMERCE AND JOURNALISM

Joe Bass	Robert William Boyd
Howard Line Putnam	

ENGINEERING

Charles Bryan King	Raymond LeRoy Smith
Parker M. MacCarthy	Elio Fueyo

ARCHITECTURE

Albert C. Stewart, Jr.

PHARMACY

Arnold De Merritt Welch

GRADUATE

Uri Pearl Davis	Oscar Leon Durrance
George William Dansby	Burton John Henry Otte

ELECTED DURING THE SUMMER SESSION 1930

Rachel F. Crozier	Mary G. Long
Martha Fitts Dauer	Bessie Norton
Nancy M. Hill	Ernest M. Parrott
Gertrude F. Jacobi	Mary E. Peek
G. H. Skermer	

The University Record

of the

University of Florida

Bulletin of the

Report of Enrollment

First Semester 1930-31



Vol. XXV, Series I No. 14

November 1, 1930

*Entered in the post office in Gainesville as second class matter,
under Act of Congress, August 24, 1912*

The University Record of the University of Florida is issued once every month except June, when it is issued six times.

The Record comprises:

The Reports of the President and the Board of Control, the Bulletin of General Information, the annual announcements of the individual colleges of the University, announcements of special courses of instruction, and reports of the University Officers.

These bulletins will be sent gratuitously to all persons who apply for them. The applicant should specifically state which bulletin or what information is desired. Address

THE REGISTRAR
University of Florida
Gainesville, Florida

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There is no free mailing list of these publications. Exchanges with institutions are arranged by the University Library. Correspondence concerning such exchanges should be addressed to the University Librarian, University of Florida, Gainesville, Florida. The issue and sale of all these publications is under the control of the Committee on Publications. Requests for individual copies, or for any other copies not included in institutional exchanges, should be addressed to the University Bookstore, University of Florida, Gainesville, Florida.

The Committee on University Publications
University of Florida
Gainesville, Florida

INTRODUCTION

Many, many times the Office of the Registrar receives requests for a list which gives the names of the students according to classification. In most cases the need is genuine and must be filled on short notice. Accordingly, a printed and bound copy of the names of all students according to classification, and enrollment recapitulation is offered herein for the first time.

Names are given by colleges, and according to class within the college, i. e., freshmen, sophomores, juniors, seniors, and specials. The colleges are listed in order of size beginning with Commerce and Journalism and ending with Pharmacy. This is followed by a recapitulation.

OFFICE OF THE REGISTRAR.

COLLEGE OF COMMERCE AND JOURNALISM

FRESHMAN BUSINESS ADMINISTRATION

Alleyne, Morris Carlisle	Feaster, Thomas Andrew
Anderson, Cyrus Edward	Fee, Frank Henry
Ashmore, John Durent	Feller, Harry
Aurich, Edward	Fenn, William Brown
Baisden, William Swinton	Fiorito, Santo G.
Baker, James Alpheus	Fitch, Thomas L.
Ball, Braden Lee	Fleming, Sidney Stetson
Ballentine, Corbin Christman	Flipse, Fred Cornelius
Bates, Howard William	Gato, Thomas H.
Beasley, Clifford Carlton	Gifford, Charles Edward
Bergert, William Thomas	Giles, Robert West, Jr.
Black, Walter Guy	Gill, Fred Williams
Blackburn, Robert Ed	Goble, Cornelius Thomas
Boardman, Thomas Knox, Jr.	Goldstein, Maurice Wagner
Brandies, Ira W.	Gower, Oscar Samuel
Brodbeck, Raymond Arthur	Graham, James Allison
Brown, Curtis Woodnut	Grethen, Clifford Jack
Brown, John Mercer	Groff, Otto D.
Brown, Nathaniel Clarke	Harrison, Murray
Buchan, John Wesley	Hartnett, Richard Joseph
Butsch, James Leonard	Hatch, Darwin Shaeffer
Butts, Harold LeRoy	Head, Paul W.
Caldwell, Herbert	Helvenston, Alexander H.
Calvo, John Francis	Henderson, William P.
Carroll, William Herron	Hendrix, Arthur H.
Chadwick, James Albert	Herndon, Claude E.
Chapman, J. B.	Hiers, Milton Johnnie
Chapman, William Green	Higgins, James Cochrane
Clark, Thomas James	Hinson, Ned
Clarke, Roy Hodges	Hollins, Maurice La Rue
Clemons, Chester	Holmes, Herbert Payne
Cogburn, Mack Ben	Ives, Harold Augustus
Coffins, Charles Marion	Ivy, Gates, Jr.
Cosgrove, Alfred Edward	Jaudon, Alva Lamont
Cotten, Hubert Theodore	Kania, Mitchell John
Cox, Charles William	Keach, James Darden
Davis, Sam Franklin	Keyes, Richard William
Deacon, Richard Arthur	Kibble, William Ross
Dekle, Vaughn Arthur	Kirstein, Paul Herbert
Ellinor, Robert Allen	Knoll, Herman
Entz, Marvin Cleveland	Lamphere, Joel Ralph
Fagan, Tom Keith	Lancaster, Carroll Luca
Fahney, Stewart Emerson	Lau, Wah Chun

Ledbetter, Carl Stacy	Rodriquez, Don Henry
Lee, Marion B.	Rodriquez, Miguel Angel
Lewis, Leonard Alec	Rogant, Henry Philip
Ligon, Campfield	Roth, Julius Julie
Livingston, Clifford, Jr.	Russell, Frank MacArthur
Lyman, Arthur Richard, Jr.	Sample, John Wallace
McCartney, Thomas	Scott, William Howard
McClure, Tom W.	Sheftall, LeeRoy, Jr.
McKendrick, John deMille	Simmons, Edgar Augustus
Maas, Ernest, Jr.	Simpson, Maurice Clay
Makemson, Robert Harwood	Slaton, William Henry
Makowsky, William Steven	Smith, Stephen Pinkney
Mansell, Arthur Hawkins	Smith, Thomas Jennings
Martin, James William	Steele, George James
Moore, Stephen Wilson	Steele, Stubby W.
Morton, Paul Vane	Stovall, Walton William
Moss, Nathan Albert	Thomas, Clifford Bridge
Nelson, William Hagbart	Thompson, Ewing O'Moore
Neville, Richard Watson	Tillis, Rudolph Edwin
Noell, James Lansden	Trapnell, William Harold
O'Connor, Francis Joseph	Treadgold, Robert John
Owens, Thomas Bird	Turrill, Robert Francis
Parramore, James Alexander	Walker, Dan Jackson
Patterson, Bernard Terry	White, William LeRoy
Porton, Robert Young	Whitlock, Guy
Post, Robert Van Dorn	Williams, James Edwin
Reynolds, Jack V.	Wood, George Hiatt
Richards, Henry Osceola	Wood, William Heath
Richards, Tom	Wright, Thomas Cullen
Robbins, Ethan Cole	Yeager, William Jennings
Robbins, Milton	Yeats, Victor Byron

FRESHMAN BUSINESS ADMINISTRATION AND ENGINEERING

Allison, Karl Morton	Hebb, Harry Wallace
Atkins, Stanley William	Hopkins, Richard Parkhill, Jr.
Biggers, Howard Oscar	Langbehn, Harold Eugene
Bowlin, Merle Alexander	Lauderback, Andrew William
Breze, John Henry	Lyons, Robert H.
Chamberlin, Rudolph Mott	Prochaska, Ralph Edgar
Cleaveland, Alvin Edward	Rollert, Vernon Walter
Dabbagh, M. F.	Russell, Edward Walter
Gallagher, Richard Michael	Schell, Merwin Merton
Gregory, Leo	Scobie, George Reed
Harris, Fredrick Arthur	Stewart, John Struthers
Harvey, Jos. L.	Swindell, Park Trammell
Hatfield, Franklin Perry	Todd, Robert Horace

Vaccaro, Eugene Charles	Willis, Frederick Lowe
VanAntwerp, Kenneth Adelbert	Zoll, William Schrier
Vaughn, Hugh William	

FRESHMAN BUSINESS ADMINISTRATION AND LAW

Alderman, John D.	Mathis, Joseph Ingram
Alford, Julian Rutledge	Meitin, Ralph
Ansley, John Curry	Morgan, Charles
Barker, Roger Atmar	Nichols, John Elvin
Boring, J. William	Reid, Gordon Kelley
Burnett, Barney Julian	Reif, Charles T.
Carter, Zina Roscoe	Rogers, Mitchell Calvin
Cassel, Alvin	Schwartz, John Lathan
Colville, Bruce Johnston	Sutton, Richard Dwight
Cook, James Nevitt	VanderHulse, Lawrence Jewett
Culpepper, John Barco	Wagg, Alfred
Dell, Sam Tucker	Warren, Edmund Walter
Eastwood, Harry Palmer	Whilden, John Wade
Fairbanks, William Ernest	White, John R.
Hammer, John Milton	Wilder, Lesley
Keator, Goodale Roberts	Wilson, Millard Fillmore
McDonald, Daniel Constant	

FRESHMAN JOURNALISM

Barnhill, Lester Ray	Mackie, Walter Hammond
Blankner, Leonard Frederick, Jr.	Macon, Linton Smith
Butler, Charles Thomas, Jr.	Meginniss, Ben A.
Chiaromonte, Alfonso	Sims, Claud Eugene
Cohen, Isaac	Skean, Gordon A.
Crockett, William Murdock, Jr.	Smith, George Ware
England, Robert Lester	Stevens, Robert Pearson
Ferris, Hazen Kimbreaux	Sullivan, Charles Clement
Fuqua, Don Carlos	Swann, Donald Marley
Griffin, Robert Cushman	Thompson, Cameron Van Brunt
Hoagland, Richard Barton	Traer, William M., Jr.
Jacobus, Lemuel William	Van Brunt, Richard Warren
James, Joe Bliss	Williams, David Evan
Knight, Marvin St. Clair	Williams, Nolan DeVane

SOPHOMORE BUSINESS ADMINISTRATION

Anderson, Harry Louis	Berk, Isadore Berman
Andrews, Francis Langford	Bijou, Sidney William
Arnold, J. R.	Black, Henry Tolbert
Ashmead, Albert	Bond, Robert Malby
Ayres, James LeRoy	Brennan, Philip Kenneth
Bagby, Logan Hall	Brown, Paul Morton
Ball, James B.	Butler, John David

Cannon, Ray J.
 Clewis, L. L.
 Cochran, Robert Smith
 Conant, Marens
 Constantine, Henry Phillips
 Criswell, Ben Norris
 Davis, Charles S.
 Davis, Malcolm Mitchell
 Dean, Bernard Adams
 Dick, Robert Cleland
 Dickens, Robert Hansford
 Edwards, Clifford Anderson
 Fouraker, William Lee
 Gerald, Francis Lynn
 Gerould, Merritt T.
 Gillette, Gardner Talcott
 Godfrey, Frederick E.
 Godwin, James Reynold
 Gonzalez, Charles Fennell
 Goodwin, William Britton
 Guirkin, Alfred Dixon
 Guluzian, John Harry
 Hackney, Walter M.
 Halpern, Herbert Raymond
 Henley, Weldon, Jr.
 Hilliard, Alton Lee
 Holmes, Loyce Lorenzo
 Horne, Joel Chambless
 Howser, Philip
 Jenkins, Joseph
 Johnson, Hubert Lansford
 Jones, Stanley Bruce
 Joubert, William Harry
 Kelly, John Redmond
 Kent, Herbert Rawlett
 King, William Goldsmith
 Knight, Harold Anthony
 Landon, James T.
 Lang, Jerome
 Lanche, James G.
 Lau, Earl W.
 Lavin, John S.
 Leaird, Geo. W.
 Lieberman, William
 Lindsey, Ira Franklin
 Locke, Howard Shoemaker
 Lokey, Hulsey S.
 McAdam, William Earnest
 McCubbin, Edmund Lee
 McDermid, John Turner
 McGinnes, Willard Dean
 MacKrille, Alfred Edwin
 Marshall, Samuel Hayes
 Mathis, Harvey D.
 Maxwell, Charles William
 Miller, Frank Leonard
 Moody, Frank H.
 Moorhead, Max J.
 Morgan, Glenn H.
 Morris, John Edward
 Noel, Leon W.
 Nolan, James Henry
 Nunnally, B. Howard
 O'Neal, Wynstan Charles
 Patton, Ned Alexander
 Peters, Jack D.
 Pillsbury, Dexter Alton
 Pitchford, Thomas Jefferson
 Ploeger, Paul Hamilton
 Pooser, William W.
 Purvis, Roy L.
 Radley, Lewis Henry
 Raulerson, Chas. L.
 Ray, Jefferson Grover
 Reynolds, Howard Clark
 Rezeau, Irving C.
 Ricker, William D.
 Robbins, William Rice
 Robinson, Edward Allen
 Robuck, Ernest P.
 Rose, Frank C.
 Roth, Burnett
 Safer, Ben
 Sager, Abraham E.
 Sanchez, Bobby
 Seay, Homer Hoston
 Shanks, Capp F.
 Shaw, LeRoy
 Sinquefield, James R.
 Smith, Charles Alexander
 Smith, Daniel Carl
 Smith, Luell L.
 Snyder, Hary M.
 Spence, Edward

Spencer, Herbert E.	Verri, Joe Peter
Stoun, Meyer J.	Voorhis, Robert T.
Tapper, W. R.	Walker, Tom Blake
Taylor, Carney Hopkins	Walker, V. H.
Tolfaletti, Louis J.	Williams, Donald Kistler
Toland, John M.	Williamson, Jerry D.
Trice, William W., Jr.	Witherill, Rae Lou
Vanderipe, William Averill	Yowell, Newton P., Jr.
VanLandingham, Herbert C.	Zoller, Albert S.

SOPHOMORE BUSINESS ADMINISTRATION AND ENGINEERING

Loughridge, Glenn Eldridge	Winston, Cornelius Ellis
McDonnell, W. W.	

SOPHOMORE BUSINESS ADMINISTRATION AND LAW

Anderson, Robert Thornton	Knott, James R.
Cagnina, Louis Donald	Sapp, H. P.
Cox, Shuler Phillips	Spicola, G. C., Jr.
Earle, Huber Dale	Schwartz, Ben
Jones, Graham	Whittaker, Heskin A.

SOPHOMORE JOURNALISM

Ashkenazy, Irving	Hampton, William Franklin
Aycra, William Drayton	Harris, David Watson
Baker, Harry Kent	Hunter, Robert Kenneth
Bridges, Paul L., Jr.	Johnson, David T., Jr.
Clark, J. Douglas	Kass, Sidney Charles
Conkling, Donald Herbert, Jr.	Moscovitz, Isadore
Duncan, William Myron	Norton, Howard Melvin
Faulkner, Theron Eldridge	Register, Hal Hill, Jr.
Foster, James Walton	Rogers, Rollin Lee
Granger, Fred Forrest	Storey, A. W.
Graves, Charles Parlin	

JUNIOR BUSINESS ADMINISTRATION

Anderson, Frank Newton	Cohen, Edward Jacob
Austin, Merton Jess	Collier, O. B.
Avent, Robert Mundle	Crews, Elton Winthrop
Bailey, Lester P.	Davis, Oliver Preston
Bell, Walter Blaisdell	Davis, William Arthur
Black, Robert Carver	Delaney, Daniel
Blanchard, Randall Howard	Dreblow, Charles J.
Bogle, James Huff	Dykes, George M.
Botts, Ralph Rudolph	Eastland, Mark Wilson
Brenan, George Francis	Edwards, Williams
Burns, Robert Edward	Emmelhainz, Edgar Allen
Clink, Stephen Henry, Jr.	Ferguson, William Macon

Field, John Walker	Moody, Thomas Edwin, Jr.
Fisher, John W.	Pedersen, Robert William
Fredricksen, Sophis Newton	Perloff, Lewis
Frye, David B.	Qually, Reuben O.
Hall, Lucien D.	Risien, Raymond S.
Halsey, William Earl	Rosenthal, Howard Milton
Hamilton, George Bruce	Ruff, Donald S.
Hamm, Harold Albert	Russell, Carlos Lee
Hardee, Bascom Owen	Sammons, Harold D.
Hester, Bob Lewis	Schwab, Walter H.
Hewitt, Charles Cooper	Seasted, Harold F.
Hiatt, Lyle Steven	Selle, Paul T.
Hughey, Alvin Herman	Shafer, Paul L.
James, John W.	Slaughter, Fred W.
Johnson, William L.	Small, Arthur P., Jr.
Lamborn, Albert G.	Smith, Platt T.
Lipsitz, William	Smith, William J.
Mack, Richard A.	Steele, James Henry
Mahaffy, Conrad B.	Strickler, Ira W.
Mann, Albert C.	Underwood, Robert Fryer
Mathews, Remolds R.	Vickery, Charles L.
Mayes, William K.	Walker, Charles H.
Meffert, Marion C. (Miss)	Warnock, Harry C.
Mize, Arthur Glenn	Welles, Benjamin F., Jr.

JUNIOR BUSINESS ADMINISTRATION AND LAW

Bir, George P.	Green, Sam
Davis, Darrey Adkins	Heitman, G. M.
Falsone, Nick Joseph	Meagher, Leslie M.
Goldberg, Herman	

JUNIOR JOURNALISM

Bryan, Pauline (Miss)	Jackson, Wesley B.
Buckley, Thomas Hartwell	Johansen, Hans R.
DeLoach, J. Bennett	Marchman, Fred
Forsyth, Donald Walter	Williams, Richard S.

SENIOR BUSINESS ADMINISTRATION

Abrano, Jean Pierre	Bullard, William Jennings
Anderson, Thomas Edward	Calmes, Glenn Burgess
Anthony, James Rembert	Carson, Robert Paul
Babcock, Claude Guthrie	Chaplin, Charles F.
Baer, Allan Oliver	Clark, Perry Dudley
Blalock, Lewis F.	Collins, Leo A.
Boyd, Crowther Mann	Comer, Charlie McCalla
Bradshaw, Donald Gregory	Davis, John Norton
Budington, Julian Paul	*Davis, Joseph I. * (Also 2-Law)

DeWitt, L. B.	Mason, Thomas L.
Ellinor, Merrill F.	May, George L.
Gardner, John Harry	Mikell, William O.
Gay, James Edwin	Miller, J. Brown
*Green, Harry (Also 3-Law)	Mutispaugh, Harold L.
Haft, Albert M.	Newsom, Edward Clarence
Hill, Robert S.	Nobles, James E.
Hinson, John Clayton	Nunez, George T.
Hjermstad, Lars B.	Perrine, George A.
Jacobus, Robert C.	Phipps, Frank E.
Jahn, Fred S.	Quinlan, Tom S.
James, Russell H.	Richards, Joseph V.
Jernigan, Harvey J.	Rivers, William J.
Jones, William Ellis	Scott, Russell M.
King, Carl D.	Stephens, Henry A.
Kinzie, George R.	Taylor, Calfrey W.
Lamborn, Bert L.	Underhill, Marion R.
Luttrell, Karl F.	Watkins, Jim
McKethan, Alfred A.	Wetstein, Max E.
McLaughlin, Michael Jones	York, Thomas J.

SENIOR JOURNALISM

Amer, John Riley	Grant, Ben J., Jr.
Church, Daniel Duncan	Livingston, Delbert E.
Davis, Ralph Clarence	Shannon, Samuel M.

SPECIAL BUSINESS ADMINISTRATION

Green, Nesbit T.	Tyre, R. H.
Lucarelli, Fred M.	Whitfield, James B.
Saba, John, Jr.	

SPECIAL JOURNALISM

Hicks, Mrs. Z. I. M.	Taylor, Joe Avera
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COLLEGE OF ARTS AND SCIENCES

FRESHMAN BACHELOR OF SCIENCE

Adams, Robert M.	Davis, John Berry
Allen, James Monroe	Davis, Kenneth Redway
Barnett, Charles	Dekle, James O.
Beers, George Warren	deMontmollin, Harry M.
Bovis, John Adrian	Dennison, James
Braten, Herbert Hugo	Dick, Herbert O.
Brunley, George William	Dicks, Wade H.
Buckels, Robert C.	Dimmick, Walsworth K.
Cammack, Ralph Seymour	Dixon, Earl
Crow, Lon Worth, Jr.	DuBois, Edward Lawrence
Dale, Harry Bert	Duffy, Owen Edgar

Dye, Paul E.
 Fielding, S. Adrian
 Foy, Courtney B.
 Friedman, Sidney B.
 Gambel, T. E. L.
 Garcia, Parsons M.
 Gough, Horace
 Greene, Charles Francis
 Griffin, Edward Chelsea
 Haase, Gerhard Herman
 Hale, Harry S.
 Hampton, Burt L.
 Hendrix, George Phillip
 Herbst, Warren John
 Hieronymus, Allen C.
 Hilsman, Edward Hamilton
 Hirtle, Allen T.
 Holder, William Roland
 Hudgins, Hollyday
 Kramer, Fred Charles W.
 Larkin, Edward B.
 Lenfestey, George S.
 Lewis, Frank G., Jr.
 Lewis, Nathaniel L.
 Love, James Luther
 Lupfer, James Earle
 Lytle, Ernest James
 McAdams, Malcolm
 McKinney, James Matthew
 McKinnon, Wilmer Holley

MacMillan, Hugh
 MacMillan, Paul Elmer
 Macloskie, Charles Wilhelm
 Mims, Leonard Edward
 Moores, William Hester
 Moss, W. James
 Myers, William May
 Oser, David Hamilton
 Peters, George Kuno, Jr.
 Peterson, Johnnie Lester
 Peyraud, Frank Henry
 Poitevin, Cecil Elmo
 Posey, Grover Neal
 Potter, Robert Gordon
 Powell, Jesse William
 Rayburn, Frederick W.
 Register, Bill
 Rountree, James
 Saltz, Nathan Jacob
 Smiley, John Henry
 Southworth, Ashbel D.
 Speer, William G.
 Steele, Rea
 Stewart, Vincent E.
 Strickler, Bill J.
 Urquhart, Park V.
 Whitlock, William E.
 Wilkerson, Hugh C.
 Winter, Allen Edwin

FRESHMAN BACHELOR OF ARTS

Alexander, J. Frank
 Algee, Lucien S.
 Andreu, Clyde W.
 Beggs, Lyman M.
 Blount, Allen
 Bradley, Park Trammell
 Bryson, John M.
 Burgess, Harry Lee
 Carlisle, William M.
 Carnso, James B.
 Carter, Burnett D.
 Cooper, Charles M.
 Cornelius, Oswald
 Daniel, William J.
 Davis, Richard Henry

Donnell, B. R.
 Duncan, Harry C.
 Elder, O. Y.
 Fossey, Herbert H.
 Gaillard, Henry F.
 Goodmark, Harry F.
 Gourley, Roy Clark
 Gregory, Herbert C.
 Hagin, Phil
 Harrison, Baya M., Jr.
 Howell, Lorrin B.
 Hubbard, Spence O.
 Hunter, William F., Jr.
 Ireland, George Harold
 Johnson, Arthur J.

Jones, Francis D., Jr.	Riehbourg, William D.
Johnston, Jay B.	Ricker, Ernest M.
Jordan, Howard E.	Rodriguez, Joseph S.
Justice, John Dent	Rooney, Hildon W.
Kelly, Paine	Shave, Thomas J.
Love, William Knox	Shaw, Walter A.
McCown, John Robert	Siefert, Philip Merrill
McMullen, J. Tweed	Stubbs, G. W.
McVoy, Edgar Cornelius	Tally, Emmett W.
Merrill, Isaac L., Jr.	Taylor, Henry H.
Padrick, Charles Vincent	Troxler, Lanas F.
Peel, Vincent	Walsingham, Jack L.
Pinkoson, Joseph	Webb, William P.
Powers, Alexander K.	Wells, Franklin D.
Raibl, Tony John	Wertheimer, Jack D.
Reaves, Chas. Ray	Young, John William

FRESHMAN PRE-MEDICAL

Abbott, Walter H.	Hendrix, John W.
Ames, William T.	Horn, Albert W.
Baldwin, John C.	Johnston, Steve R.
Batey, Granville E.	Jones, Marcellus E.
Beckelman, Harold Minott	Kelley, Harvey A.
Becton, B.	Kilmon, Howard S.
Beggs, Charles A.	Kirsch, Ralph E.
Bell, Leslie Barco	Knight, Paul E.
Bostwick, Jackson L.	Levy, Benjamin
Boyer, Kenneth F.	Lewis, Charles C.
Brinson, Edison M.	McEuen, Reginald F.
Carroll, Landon R.	Mason, John H.
Carter, James A.	Massey, James L.
Clark, Elmer B., Jr.	Meneray, Wilbur E.
Clymore, William V.	Moore, Charles S.
Corrales, J. G.	Moskowitz, Elmer
Curry, Leonard T.	Parker, William D.
Davis, Walter T.	Patrick, Harold H.
Day, T. E.	Pickron, John N.
Demmi, Stephen	Provenzano, Dominick S.
Denham, William D.	Reid, Lewis M.
Durham, Ralph W.	Robbins, Ben
Fain, Elmo J.	Robbins, Robert H.
Fleming, James M.	Rogers, Samuel G., Jr.
Giudice, Vincent W.	Sheen, Clarence E.
Gonzalez, Mario	Smith, George R.
Green, Edwin A.	Stevens, Andrew J., Jr.
Green, Rosburn S.	Struss, Lawrence S.

Terwilliger, John T.
Tucker, J. W.
Verkauf, Oscar

Weinberg, Abraham
Wilson, Wesley W.

FRESHMAN PRE-LAW

Anderson, Wallace B.
Barco, Dwight N.
Berg, Henry C.
Bradfield, Jack
Dunn, H. Clinton
Feinberg, Marx
Eggart, Chas. W.
Hannah, Oliver B.
Harvard, Sherwood J.
Foley, John B.
Lantaff, William C.

Lawhorn, Landell C.
McKee, J. O. H.
Maltz, Sam
Murphy, Jimmie
Pardee, Stephen C., Jr.
Parrish, Jesse J., Jr.
Robertson, George T.
Simmons, Hugh C.
Sundy, Edward A.
Walsh, William E., Jr.

SOPHOMORE BACHELOR OF SCIENCE

Barfield, Randall W.
Beers, Meril S.
Blicher, Harold M.
Cannard, William J.
Cherry, Henry S.
Cogswell, Robert C.
Coit, Chas. K., Jr.
Coleman, Charles P.
Coleman, Marshall
Costello, Raphael F.
Crotty, George S.
Dibble, Ben W.
Dustin, Willis A.
Evans, John D.
Ferrell, Clement A.
Geneau, David H.
Ginsberg, Byron
Gold, Morris
Groff, Robert A.
Harris, Earl
Hendrix, Hugh M.
Houston, Augustus W.
Hughes, Ray C.
Jewett, Edward W.
Kirker, Eugene A.
Knight, John C.

Lambert, Edgar J.
MacDowell, Lonis G.
Martin, William C.
Menneken, Carl E.
Milton, John D.
Oberdorfer, Douglas W.
Pinholster, Ernest J.
Porter, Frank L.
Reuther, Walter
Roberts, John Alexander
Rogers, Thomas A.
Sadler, Glendy G.
Sherrill, William C.
Simmons, William G.
Smith, Marshall E.
Speh, Carl G.
Touclton, Charles F., Jr.
Veen, J. Robert
Walker, Claudius James
Walker, Ralph J.
Walton, William M.
Weinberger, Harold
Weller, Cleland N.
Whitaker, Hugh
Wynn, Walter P.

SOPHOMORE BACHELOR OF ARTS

Adams, Clayton L.	Lehman, Bruce G.
Beeson, William B.	Mizell, Jackson
Bell, Fred V.	Montanye, Gene
Bell, William Blaisdell	Morgan, George E.
Calihan, Lynn C.	Motley, Hermon H., Jr.
Cullen, Spencer Lanier	Parkhill, John R.
DeLorenzo, Joseph	Patterson, Julius B.
Downs, William H.	Paul, Victor H.
Embry, Hugh C.	Perez, William D.
Fifield, Harry A.	Richard, Melvin J.
Foster, Hamilton S.	Robbins, Leon H.
Gardner, Richard	Schwartz, Herbert N.
Gooding, Marion W.	Schwarzkopf, Ludwig
Griley, Victor P.	Shad, Thomas H.
Heimbürger, Edward R.	Shands, James S.
Hoffmeyer, Ralph E.	Smith, Thomas J.
Jibb, William F.	Spitz, Charles H.
Johnston, Excell R.	Neal, F., Jr.
Jones, Harold E.	Wentworth, George P.
Kimball, Millard F.	White, Don M.
Kirkpatrick, John W., Jr.	Williams, Reginald L.
Lantz, Edward Hale	

SOPHOMORE PRE-MEDICAL

Arnow, Matthew	Henderson, Major J.
Babers, Henry J.	Jeannopoulos, John Lazare
Berry, Raymond A.	McKenzie, David Myron
Carter, Ira Judson, Jr.	Magaha, Carl H.
Crew, Allen R.	Mizelle, Robert H.
Dozier, Arthur G.	Moore, John P.
Edwards, James E.	Nixon, Erby M.
Fain, Leo B.	Rentz, William Carlton
Filippello, Louis	Royal, Albert B.
Fort, Chester A.	Simmons, Eugene D.
Franklin, Benjamin C., Jr.	Slott, Morris M.
Gordon, Sydney H.	Woodward, Henry Elton
Harrison, Albertus	

SOPHOMORE PRE-LAW

Allan, Charles G.	Coarsey, John W.
Andrews, Charles	Coats, James G., Jr.
Becker, Harold M.	Conroy, Francis P.
Bernst, Armand Fletcher	Conroy, Robert E.
Bigger, William Earl	Edwards, Herman L.
Casteleiro, Marion	Howatt, E. Willard

Lively, Laban G.
 McCaul, T. V.
 Martin, Henry A.
 Martin, Melbourne L.
 Morris, David C.
 Patrick, Merle C.
 Pearson, James T.
 Peckham, Stanley J.

Reeves, Louie M.
 Sapp, Howard W.
 Schirmer, Ernest E.
 Smith, Dwight C.
 Somers, Glen E.
 Watts, John D.
 Weaver, Leon F.
 Yarbrough, C. Frenchy

JUNIOR BACHELOR OF SCIENCE

Adelson, Dave E.
 Allen, Ralph Fred
 Augat, John G.
 Biggers, Willard B.
 Bond, John J.
 Brand, Fred P.
 Brantley, James W.
 Butt, Thomas C.
 Carson, Russell B.
 Ciavarella, James M.
 Cornelius, Thomas B.
 Darlington, Benj. B.
 Eddleman, Thomas S.
 Edwards, Mounger Duke
 Farrior, J. Brown
 Flanagan, John Barnard
 Frazier, Frank J., Jr.
 Fuqua, Ben H.
 Hall, Spence, Jr.
 Hunt, Stanley H.
 Hurt, James Lewis

Jennings, William L.
 Kelley, Welcolm T.
 Kirkland, Charles O.
 Lee, Charles R.
 Luria, Sydney
 Neuwirth, Sidney
 Pence, Leland H.
 Pendino, Joseph A.
 Pugh, Frank H.
 Reaves, Fred Charles
 Rippey, Andrew D.
 Robson, Frank Y.
 Silsby, Harry Z.
 Sperling, Maxwell F.
 Tugwell, Wilton E.
 Turner, Drew H.
 Vining, Eugene T.
 Weinstein, Julian H.
 Wulf, Robert F.
 Zimmerman, Paul A.

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Oliver, Don	Stewart, Harry William
O'Mahoney, Jeremiah Patrick	Stokes, John P. Jr.
Pasco, Sam. Jr.	Sturm, Gerald Wilson
Peabody, Wright W.	Thompson, Arthur R., Jr.
Porter, Joseph Yates	Tomlinson, L. W.
Prevatt, Myron Chalker	*Wahl, Harold B. (also 4 A. B.)
Rose, John Tilden	Weed, Robert Perry
Rossetter, Appleton Thomason	Wigginton, John T.
Shopiro, Joseph Gerald	*Wilensky, Joseph (also 4 A. B.)
Sinclair, Carson Fraser	Williams, Charles Ashton
Sinclair, Henry McLean	Williams, Thomas Harold

SENIOR LAW

Alexander, Thomas	Haines, Webber Bly
Anderson, Arthur Lochridge	Hall, Charles Reade, Jr.
Anderson, William Faris	Hardee, James E.
Arnow, Carlton C.	Hawkins, Durward E.
Axtell, R. R.	Horrell, Robert Paul
Berryhill, Thomas Oscar	Howze, Thos. A., Jr.
Bond, William Bours	Johnson, Arrie Lee
Boozar, Edwin Claude	Lawrence, Richard Abbott
Brannon, William Brantley	Lorraine, Charles Cabell
Brown, Clyde Ree	Low, Jack
Bruton, James DeWitt	MacKenzie, Edward S.
Bull, F. B.	Maddox, John Clyde
*Butler, Byron Neel (also 4 A. B.)	Mathis, Charles Robert, Jr.
Carleton, Wm. Graves	Meeth, Louis Henry, Jr.
Carmichael, Parks Mason	Messer, William Herbert
Coleman, Burnis Theo	Miller, J. B. Hammer
Cornwell, Sam A.	Montgomery, Stephen Miles
Currie, F. A.	Munger, Forest Harrold
DeHoff, Philip Donald	Neuwirth, Phillip Alvin
Donahoo, John Wm.	O'Connell, Phillip Dillon
Dugan, A. B.	Platt, William Zachary
Edwards, Carlos Leroy	Rosenberg, Morris
Evers, Joel	Saloman, Morris Seymour
Featherstone, Leland Blane	Seadron, Ivis Josef
Fener, Gus	Schirard, John Rogero
Fisher, William, Jr.	Scholze, Robert E.
*Ford, Raymond Edmund	Schwartz, Dan Richard
(also 4 A. B.)	Starnes, Finis Ewing
Gill, Jo D.	Stenstrom, Eric Corr
Gravelly, Louis O. Jr.	Summers, Adolphus E.
*Green, Harry (also 4. B. Ad.)	Troxler, Walter Garrett

Vaccaro, Joseph Anthony	Winderweedle, William Elbert
Walker, Shade Wilson, Jr.	Woodward, William Edward
*Watrous, Thomas M. (also 4 A. B.)	Yancey, Harvey, Hall, Jr.
Watson, W. B.	Yarbrough, Lucien Bell
*Wilson, Alfred E. (also 4 A. B.)	

GRADUATE SCHOOL

Ames, Burton W.	*Hawkins, Wm. Jr. (also 4 A.)
Arnett, William Tobias	Hearn, Vernice Law
Baggott, Chas. Ed.	Higgins, Thos. J.
Bass, Joe	Hill, Maoma Frances (Miss)
Batchelor, Alex Ramsey	Hill, Sue (Miss)
Beck, Dow Gary	Hiner, Lovell David
Bess, Henry A.	Janes, Chesterfield Howell
Bolton, Charlie James, Jr.	Johns, David Samuel
Brown, J. Colvin	Johnson, Alex Ralph
Butler, Mark Dupuy	Johnstone-Wallace, Denis Bowes
Butler, William Oliver	Jones, Hastings Wyman
Butts, John L.	Knight, Fred Key
Cain, Thomas Leonard, Jr.	Lowe, Thomas Marvel
Calhoun, Paul White	Ludwig, Gerald Edward
Camp, Paul Douglas	Lyle, William Raymond
Carter, Edgar White	McCracken, Ernest Maldron
Carter, William Windam	McInnis, Sam W.
Coleman, J. M.	McIntire, James Edgar
Connor, Jerome A.	Mast, Harvey Albert
Crookshank, John Alexander	Means, Samuel Cleff
Culpepper, John Broward	Miles, Ivan Ernest
Dauer, Manning J., Jr.	Miller, Edward Loring
Davidson, Watson Perry	Miller, Henry Broward
Davis, Norman West	Moore, Maurice Lee
Dawson, Charles Ralph	Morrow, John Albert
Driggers, Vaughan Wendell	Mowry, Harold
Dunscombe, Aubrey Elsworth	Nasrallah, Samuel Andrew
Durrance, Oscar Leon	Orr, Reuben Bennett
Edsall, Robert Spencer	Otte, Burton J. H.
Fifield, Willard Merwin	Pierson, John Edmond, Jr.
Fulghum, Ralph Morris	Price, Joseph Edwin
Geiger, Albert James	Putnam, Howard Line
Golden, LaFayette	Quade, Edward S.
Gordon, U. S.	Reiber, Felix Anthony
Green, Arthur Sylvester	Reynolds, Frank J.
Hart, Robert Winston	Roberts, George Carl
Harvey, Norman Comstock	Robinson, William Everett
Hawkins, George A.	Roesel, Tillie T. (Miss)

Rosser, J. Barkley	Tolbert, Benjamin Arthur
Savage, Zach	Tucker, Woodson C., Jr.
Sawyer, William L.	Voorhees, Richard Kenneth
Seaglione, Peter C.	Wann, John Levi
Settle, Lucy Belle (Miss)	Watkins, John Vertrees
Shattuck, Paul Stanly	Welch, Arnold DeMerritt
Shew, Gilbert Lysander	Weld, Benjamin Remington
Sikes, Robert Fulton	West, Erdman
Simmons, G. Ballard	Wilmot, Royal James
Skermer, George Herbert	Wilson, Verne Edmund
Sparks, Chiles Emory	Winn, Robert C.
Steen, Vernon C.	Wooten, Robert Buchanan
Thomas, Margaret Omerea (Miss)	Young, Martin Greene
Thronson, Silas Melvin	Zieg'ler, Louis William

SCHOOL OF ARCHITECTURE AND ALLIED ARTS

FRESHMAN ARCHITECTURE

Baker, Allen	Kemp, William David
Ballard, Eugene Hayman	McCandless, Jack Sydney
Bunch, Franklin Swope	Moore, Glenn Dalton, Jr.
Clements, Jacob Denford, Jr.	Quade, William Omar
Crittenden, Henry Valentine	Simmons, Bradford Duncan
Dull, Basil Fairfay	Stockfisch, Raymond Herman
Ellington, Westley Scroble	Trapnell, Robert Norris
Ferrell, George G.	Walter, Frank

FRESHMAN PAINTING

Baltuth, Witt	Martin, James Aquila
Hermann, Robert James	Miller, George Clyde
Jenkins, William Sterling	Worley, Robert Maurice

SOPHOMORE ARCHITECTURE

Blohm, Carl Henry	Partridge, Thos. Dale
Burnett, James Leonard, Jr.	Rooks, Enoch Murrell
Carroll, John Robert	Schirard, Charles B.
Ferendino, Andrew John	Stephens, Willis Little
Harvard, Grover Cicero	Walton, Francis Ray
McVoy, Arthur DuBoise	

JUNIOR ARCHITECTURE

Bucky, Frederick William, Jr.	Lyell, John M.
Cordell, John Robert, Jr.	Miller, Wilbur Kenneth
Duncan, Eugene Bryan	Mizrahi, Ralph Seymour
Harris, Clyde Eugene	Pendergrass, Sanford Harvey

SENIOR ARCHITECTURE

Benton, Felix	McCaskill, Herbert Lee
Blocker, William Mitchell	Magruder, Chas.
Degtoff, Walter Alexander	Maxwell, Ernest Benson
*Hawkins, Wm. (also G.)	Pillsbury, Hugh Augustus
Langbehn, Franklin Peter	Sawyer, Aubrey Dane
Lansdell, Fred Dudley	Willis, Walker Dorr, Jr.
Lindsley, Augustus Rockwell, Jr.	

SPECIAL ARCHITECTURE

Bond, Frances Rawls (Miss)	Reid, John Arthur
Cook, Leroy	Tyrrell, Alvin Fremont
Hazeldine, Kenneth Edward	Vaughan, William Curtis

SPECIAL PAINTING

Mellvaine, Paul M.	Mulrennan, James B.
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COLLEGE OF PHARMACY

FRESHMAN PHARMACY

Baber, William E.	Jones, George Robert
Baker, Charles Orien	Lerner, Irving
Baker, Leonard Jerome	Owens, Dalton Wesley
Bludworth, Walter R.	Paige, Fred McDougal
Bradley, Edwin Luther	Shaw, George Connor, Jr.
Crosswy, Vincent Cleveland	Shepherd, John Wilbur
Gentry, Earl Gilbert	Toffaletti, Marius Joseph
Goldstein, Arthur	Vann, John Gardner
Hicks, Thomas J., Jr.	

SOPHOMORE PHARMACY

Conway, Claude L.	McLean, Andrew Parks
Holland, Zachary D.	Mallory, Eschol M.
Hunter, James Hardin	Roh, H. Dale
Katsch, James Edgar	Spencer, Allen William
Knight, William Henry	Toole, Mike Horne

JUNIOR PHARMACY

Alonso, Wesley Jenkins	Kiser, Randolph Lee
Burns, Paul M.	McIntosh, Clyde Anderson
Buzzett, John Joseph	Martin, James Christopher
Ely, Leon Lowell	Rish, Herbert Milton
Fletcher, Thomas C. Jr.	Roberts, Bob Marvis
Gramling, Lea Gene	Smith, Kenneth Hartman
Johnson, Richard Sadler	Thomas, John Washington

REPORT OF ENROLLMENT

SENIOR PHARMACY

Carter, Joseph Martin
Kazarian, Carl
Magid, Louis

Smith, Helman
Wilson, Parker Thomas

SPECIAL PHARMACY

Carranza, Manuel Sama
Coniglio, Frank Libero

Musso, Anthony

RECAPITULATION
REPORT OF ENROLLMENT
FOR THE FIRST SEMESTER, 1930-31

COLLEGE OF COMMERCE AND JOURNALISM

Freshman Business Administration	118		
Freshman Business Administration and Engineering	31		
Freshman Business Administration and Law	33		
Freshman Journalism	28	210	
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Sophomore Business Administration	126		
Sophomore Business Administration and Engineering	3		
Sophomore Business Administration and Law	10		
Sophomore Journalism	21	160	
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Junior Business Administration	72		
Junior Business Administration and Law	7		
Junior Journalism	8	87	
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Senior Business Administration	58		
Senior Journalism	6	64	
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Special Business Administration	5		
Special Journalism	2	7	550

COLLEGE OF ARTS AND SCIENCES

Freshman Bachelor of Science	81		
Freshman Bachelor of Arts	62		
Freshman Pre-Medical	61		
Freshman Pre-Law	21	225	
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Sophomore Bachelor of Science	51		
Sophomore Bachelor of Arts	13		
Sophomore Pre-Medical	25		
Sophomore Pre-Law	28	117	
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Junior Bachelor of Science	41		
Junior Bachelor of Arts	36	77	
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Senior Bachelor of Science	29		
Senior Bachelor of Arts	29	58	
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Special Arts and Sciences	5	5	512

COLLEGE OF ENGINEERING

Freshman Engineering	114	114	
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Sophomore Chemical Engineering	16		
Sophomore Civil Engineering	17		
Sophomore Electrical Engineering	36		
Sophomore Mechanical Engineering	15	84	
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Junior Chemical Engineering	12		
Junior Civil Engineering	10		
Junior Electrical Engineering	20		
Junior Mechanical Engineering	9	51	
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Senior Chemical Engineering	3		
Senior Civil Engineering	10		
Senior Electrical Engineering	12		
Senior Mechanical Engineering	6	31	
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Special Engineering	11	11	295
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COLLEGE OF EDUCATION

Freshman Education	89		
Sophomore Education	78		
Junior Education	60		
Senior Education	44		
Special Education	10	281	
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COLLEGE OF AGRICULTURE

One-Year Agriculture Students	25		
Freshman Agriculture	76		
Sophomore Agriculture	43		
Junior Agriculture	33		
Senior Agriculture	26		
Special Agriculture	12	215	
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COLLEGE OF LAW

Freshman Law	58		
Junior Law	66		
Senior Law	70	191	
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THE GRADUATE SCHOOL

Graduate	104	104	
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SCHOOL OF ARCHITECTURE AND ALLIED ARTS

Freshman Architecture	15	
Freshman Painting	6	
Sophomore Architecture	11	
Junior Architecture	8	
Senior Architecture	13	
Special Architecture	6	
Special Painting	2	62

COLLEGE OF PHARMACY

Freshman Pharmacy	17	
Sophomore Pharmacy	10	
Junior Pharmacy	14	
Senior Pharmacy	5	
Special Pharmacy	3	49

Total 2266

Less duplicates as follows:

4 B. Ad. and 2 L.	1	
4 B. Ad. and 3 L.	1	
4 A. B. and 2 L.	8	
4 A. B. and 3 L.	3	
Graduate and 4 A.	1	14

Grand Total Enrollment 2252

COMPOSITE OF ALL COLLEGES:

Freshmen	803
Sophomores	533
Juniors	330
Seniors	241
Law Students	194
Graduate Students	104
Special Students	56

Total 2266

Less Duplicates 14

Grand Total 2252

REPORT OF ENROLLMENT

WOMEN STUDENTS

(Included in foregoing)

COLLEGE OF COMMERCE AND JOURNALISM			
Junior Business Administration	1		
Junior Journalism	1		
Special Business Administration	1	3	

COLLEGE OF ARTS AND SCIENCES			
Special	1	1	

AGRICULTURE			
Special	2	2	

LAW			
Freshman	2	2	

Graduates	5	5	

ARCHITECTURE			
Special	1	1	14

COMPOSITE OF WOMEN STUDENTS			
Juniors	2		
Specials	5		
Graduates	5		
Law	2		

Total	14		



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