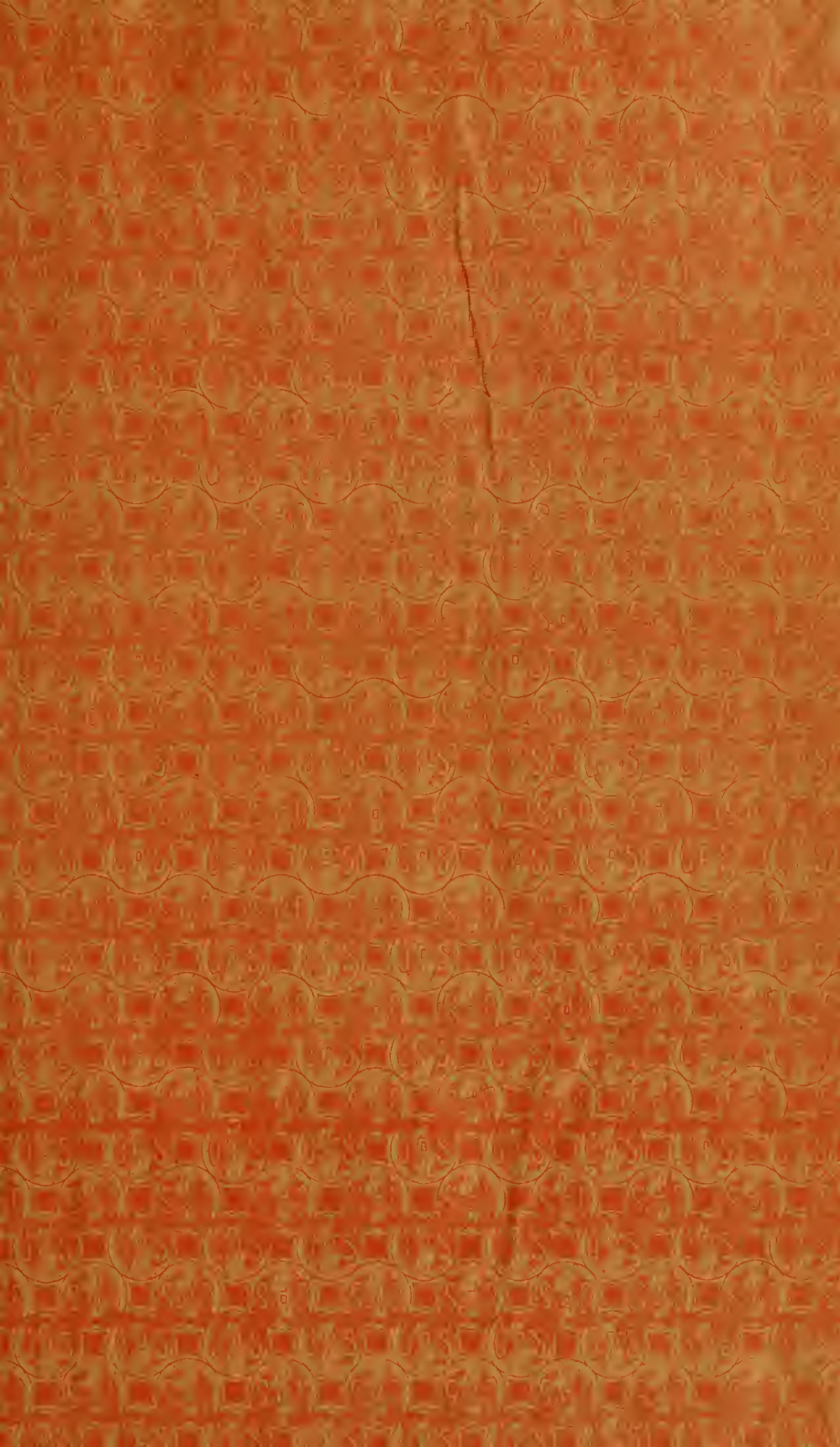




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# University of Florida

GAINESVILLE, FLORIDA



Annual Catalog 1928-1929

Announcements for 1929-1930

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# PART I—OFFICERS

## BOARD OF CONTROL

P. K. YONCE, <i>Chairman</i> .....	Pensacola
ALBERT H. BLANDING.....	Bartow
W. B. DAVIS.....	Perry
EDWARD W. LANE.....	Jacksonville
FRANK J. WIDEMAN.....	West Palm Beach
J. T. DIAMOND, <i>Secretary, Tallahassee</i>	

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## STATE BOARD OF EDUCATION

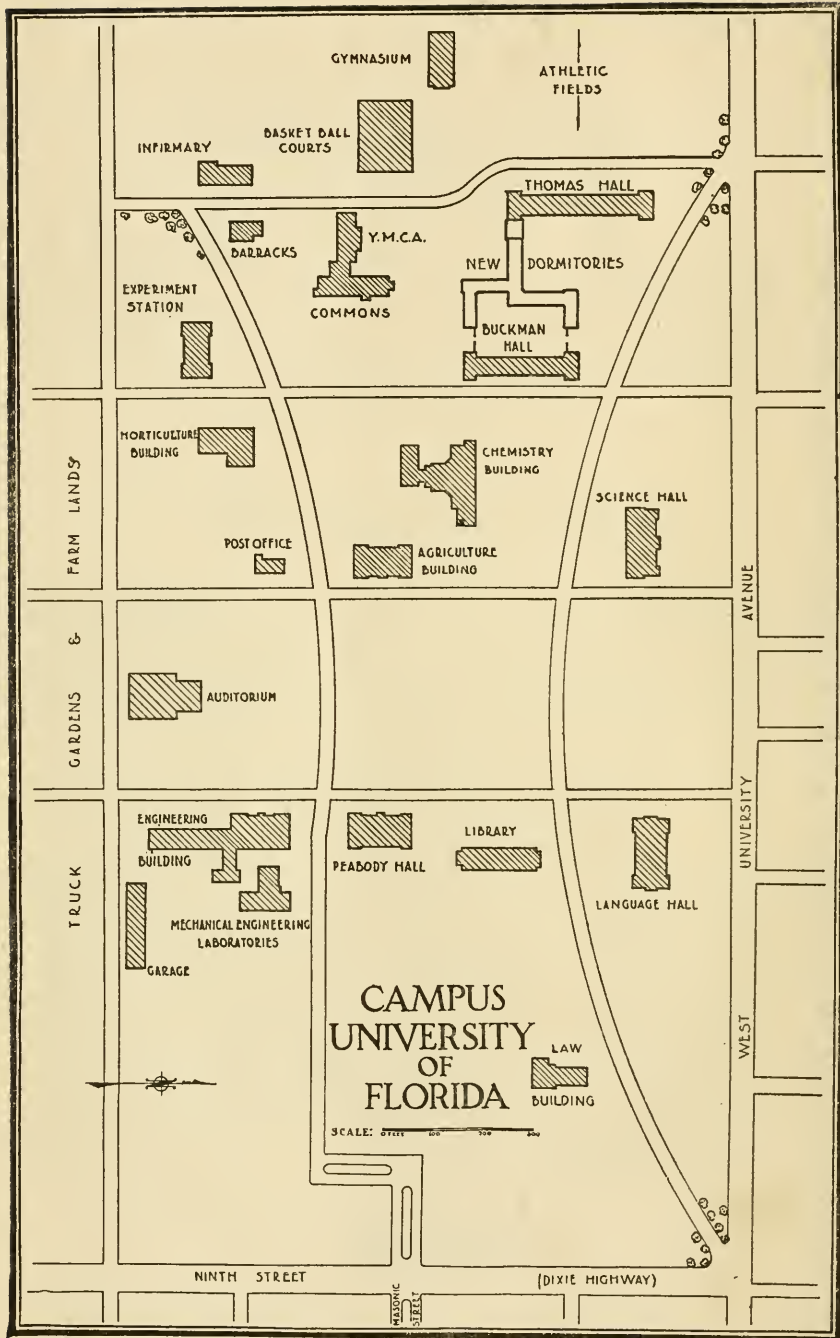
DOYLE E. CARLTON.....	<i>Governor</i>
H. CLAY CRAWFORD.....	<i>Secretary of State</i>
W. V. KNOTT.....	<i>State Treasurer</i>
FRED H. DAVIS.....	<i>Attorney General</i>
W. S. CAWTHON, <i>Secretary</i> .....	<i>State Superintendent of Public Instruction</i>

---

## UNIVERSITY COUNCIL

JOHN JAMES TIGERT, M.A. (Oxon.), Ed.D., D.C.L., LL.D.....	<i>President of the University</i>
JAS. M. FARR, PH.D.....	<i>Vice President of the University</i>
JAS. N. ANDERSON, PH.D.....	<i>Dean of the College of Arts and Sciences</i>
WILMON NEWELL, D.SC.....	<i>Dean of the College of Agriculture</i>
J. R. BENTON, PH.D.....	<i>Dean of the College of Engineering and Architecture</i>
HARRY R. TRUSLER, LL.B. ....	<i>Dean of the College of Law</i>
JAS. W. NORMAN, PH.D.....	<i>Dean of the Teachers College</i>
TOWNES R. LEIGH, PH.D.....	<i>Dean of the College of Pharmacy</i>
WALTER J. MATHERLY, M.A.....	<i>Dean of the College of Commerce and Journalism</i>
BERT CLAIR RILEY, B.A.....	<i>Dean of the General Extension Division</i>
HARLEY WILLARD CHANDLER, M.S.....	<i>Secretary, Registrar</i>
BENJAMIN ARTHUR TOLBERT, B.A.....	<i>Dean of Men</i>

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## **FRESHMAN WEEK**

(September 16 to 20, 1929)

Freshmen entering the University for the first time are required to report at the University Auditorium, Monday, September 16, at 11:00 A.M. Those appearing at any later time will be subject to the penalty for late registration.

During this week the Freshman will hear lectures on important University customs and regulations, will meet members of the faculty and will become acquainted with the University campus and buildings. He will also take a number of tests for the purpose of enabling the University to advise him relative to his work. In short, the purpose of the week is to prepare each student as far as possible, for the work that is expected of him and to start him right at the beginning of his University life.

ALL HIGH SCHOOL ENTRANCE UNITS SHOULD BE PRESENTED TO THE REGISTRAR OF THE UNIVERSITY BY SEPTEMBER 1, 1929. BE SURE TO BRING THE ADMISSION SLIP FURNISHED YOU BY THE REGISTRAR WITH YOU ON SEPTEMBER 16.

## THE UNIVERSITY CALENDAR

1929-1930

1929

- June 10, *Monday*.....Summer Session begins.
- June 22, *Saturday*.....Last day for filing application for degrees at the end of the Summer Session.
- July 4, *Thursday*.....Independence Day.
- July 8, *Monday*.....Last day to make Graduate applications.
- July 17, *Wednesday*.....Last day for submitting theses to the Graduate Committee.
- July 31, *Wednesday, 8:00 p. m.*.....Summer Session Commencement Convocation.
- August 2, *Friday, 5:00 p. m.*.....Summer Session ends.
- August 12, *Monday*.....Farmers' Week begins.
- August 31, *Saturday*.....Last day for filing applications for fail re-examinations.

## FIRST SEMESTER

- September 12-14, *Thursday to Saturday*....Re-examinations and Entrance Examinations.
- September 16-20, *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, 1929.) All Freshmen must be present at the University Auditorium at 11:00 o'clock a. m., Monday, September 16, or they will not be registered during that week, and will be required to pay the fees for late registration.
- September 19-20, *Thursday and Friday*.....Registration of Upperclassmen.
- September 21, *Saturday*.....All classes will meet for the assignment of work for classes on Monday and Tuesday of the succeeding week. Late registration fee for all students.
- September 30, *Monday*.....Changes in courses—fee \$5.00.
- October 5, *Saturday*.....Annual meeting of Extension Agents.
- October 5, *Saturday*.....Meeting of the General Faculty.
- October 16, *Wednesday, 8:00 a. m.*.....Registration for classes in the first semester closes. Final date for making applications for degrees at the end of the first semester.
- October 19, *Saturday*.....Last day for dropping courses without grade.
- October 24, *Thursday*.....All Freshman grades are due.
- November 1, *Friday*.....Last day for Graduate applications.
- November 11, *Monday*.....Armistice Day.
- November 21, *Thursday*.....Midsemester grades are due.
- November 24, *Saturday, 12:00 noon*.....Midsemester grades are delinquent.

November 28, <i>Thursday</i> .....	Thanksgiving Day.
December 18, <i>Wednesday</i> .....	Freshman grades are due.
December 20, <i>Friday, 5:00 p. m.</i> .....	Christmas recess begins.
1930	
January 6, <i>Monday, 8:00 a. m.</i> .....	Christmas recess ends.
January 6, <i>Monday and continuing for three weeks</i> .....	Students file registration cards for the second semester with the Registrar, fol- lowing the schedule as posted on the bulletin boards.
January 18, <i>Saturday</i> .....	Last date for submitting theses to Gradu- ate Committee.
January 24, <i>Friday, 9 a. m.</i> .....	Final examinations for the first semester begin.
January 31-February 1, <i>Friday and Sat- urday</i> .....	Registration of new students for the sec- ond semester. All semester grades are due 5:00 p. m., Saturday.
February 1, <i>Saturday, 8:00 p. m.</i> .....	Commencement convocation.

## SECOND SEMESTER

February 3, <i>Monday</i> .....	Second semester begins. Changes in registration due to first sem- ester failures. Late registration fee be- gins.
February 4, <i>Tuesday</i> .....	Second semester classes begin. Change in courses—fee \$5.00.
February 8, <i>Saturday</i> .....	Meeting of the General Faculty.
February 15, <i>Saturday</i> .....	Registration for second semester closes.
March 1, <i>Saturday</i> .....	Last date for applications for degrees at the end of the second semester. Last date for filing Graduate applications for those entering the second semester.
March 8, <i>Saturday</i> .....	Last day for dropping a course without grade.
April 3, <i>Thursday</i> .....	Midsemester grades are due.
April 5, <i>Saturday, 12:00 noon</i> .....	Midsemester grades are delinquent.
May 20, <i>Tuesday</i> .....	Last day for submitting theses to Graduate Committee.
May 23, <i>Friday</i> .....	Final examinations begin.
May 31, <i>Saturday</i> .....	Meeting of the General Faculty.
June 1-3, <i>Sunday to Tuesday</i> .....	Commencement exercises.
June 1, <i>Sunday, 11:00 a. m.</i> .....	Baccalaureate Sermon.
June 2, <i>Monday</i> .....	Annual Alumni Meeting. Class Day Exercises. Oratorical Contests.
June 3, <i>Tuesday</i> .....	Commencement Convocation.
June 2, <i>Monday</i> .....	Boys' Club Week begins.
June 16, <i>Monday</i> .....	Summer Session begins.
August 8, <i>Friday</i> .....	Summer Session ends.

## OFFICERS OF ADMINISTRATION

## UNIVERSITY

JOHN JAMES TIGERT, M.A. (Oxon.), Ed.D., D.C.L., LL.D.....	<i>President</i>
JAMES MARION FARR, M.A., Ph.D.....	<i>Vice-President</i>
CHARLES LANGLEY CROW, M.A., Ph.D.....	<i>Secretary of the General Faculty</i>
KLEIN HARRISON GRAHAM.....	<i>Business Manager</i>
HARLEY WILLARD CHANDLER, M.S.....	<i>Registrar</i>
CORA MILTIMORE, B.S.....	<i>Librarian</i>
BENJAMIN ARTHUR TOLBERT, B.A.....	<i>Dean of Men</i>

## COLLEGES

JAMES NESBITT ANDERSON, M.A., Ph.D.....	<i>Dean of the College of Arts and Sciences</i>
WILLIAM HAROLD WILSON, M.A., Ph.D.....	<i>Assistant Dean of the College of Arts and Sciences</i>
WILMON NEWELL, M.S., D.Sc.....	<i>Dean of the College of Agriculture, Director of the Experiment Station and the Agricultural Extension Division.</i>
WILBUR LEONIDAS FLOYD, M.S.....	<i>Assistant Dean of the College of Agriculture</i>
JOHN ROBERT BENTON, B.A., Ph.D.....	<i>Dean of the College of Engineering and Architecture</i>
HARRY RAYMOND TRUSLER, M.A., LL.B.....	<i>Dean of the College of Law</i>
JAMES WILLIAM NORMAN, M.A., Ph.D.....	<i>Dean of the Teachers College and Director of the Summer Session</i>
TOWNES RANDOLPH LEIGH, M.A., Ph.D.....	<i>Dean of the College of Pharmacy</i>
WALTER JEFFRIES MATHERLY, M. A.....	<i>Dean of the College of Commerce and Journalism</i>
RUDOLPH WEAVER, B.S., A.I.A.....	<i>Architect for Board of Control, Director of School of Architecture</i>

## OTHER ADMINISTRATIVE UNITS

BERT CLAIR RILEY, B.A., B.S.A.....	<i>Dean of the General Extension Division</i>
GEORGE C. TILLMAN, M.D.....	<i>University Physician</i>
THOMPSON VAN HYNING.....	<i>Director of Florida State Museum</i>

## OFFICERS OF INSTRUCTION AND RESEARCH

JOHN JAMES TIGERT, M.A. (Oxon.), Ed.D., D.C.L., LL.D., *President*

- CHARLES ELLIOTT ABBOTT, M.S. .... Agriculture Building  
*Assistant Professor of Horticulture*
- OUIDA DAVIS ABBOTT, M.A., Ph.D. (Missouri) ..... Expt. Station Building  
*Chief, Home Economics Research, Experiment Station*
- CHESTER FREDERICK AHMANN, B.A., Ph.D. (Missouri) ..... Expt. Station Building  
*Physiologist, Home Economics Research, Experiment Station*
- ROBERT VERRILL ALLISON, M.S., Ph.D. (Rutgers) ..... Belle Glade, Florida  
*Soils Specialist, Everglades Experiment Station*
- CLYDE C. ALEXANDER, Capt., Field Artillery, U. S. Army ..... Engineering Bldg.  
*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 College of Arts and Sciences, Professor of Ancient Languages*
- MONTGOMERY DRUMMOND ANDERSON, B.S., Ph.D. (Robert Brookings) .... Language Hall  
*Professor of Business Statistics and Economics*
- ERNEST GEORGE ATKIN, M.A., Ph.D. (Harvard) ..... Language Hall  
*Professor of French*
- ROLLIN SALISBURY ATWOOD, M.A., Ph.D. (Clark) ..... Language Hall  
*Assistant Professor of Economic Geography*
- CHARLES W. BACHMAN, LL.B. .... Basket Ball Court  
*Director of Physical Education and Athletics*
- ERNEST T. BARCO, Capt., Field Artillery, U. S. Army ..... Engineering Bldg.  
*Assistant Professor of Military Science and Tactics*
- GEORGE ERIC BARNES, B.S.C.E. .... Engineering Building  
*Associate Professor of Civil Engineering*
- ROBERT MARLIN BARNETTE, B.S., Ph.D. (Rutgers) ..... Expt. Station Building  
*Associate Chemist, Experiment Station*
- ROBERT COLDER BEATY, M.A. .... Y. M. C. A. Building  
*Associate Professor of Religious Education*
- FRANK F. BECKER, Capt., Infantry, U. S. Army ..... Engineering Bldg.  
*Assistant Professor of Military Science and Tactics*
- RAYMOND BROWN BECKER, M.S., Ph.D. (Minnesota) ..... Expt. Station Building  
*Associate in Dairy Husbandry, Experiment Station*

- FRANCIS JOSEPH BEDENK, B.A.....Basket Ball Court  
*Associate Professor of Physical Education*
- WALTER HERMAN BEISLER, M.S., D.Sc. (Princeton).....101 Chemistry Building  
*Professor of Chemical Engineering*
- CHARLES EDWARD BELL, M.S. ....Expt. Station Building  
*Assistant Chemist, Experiment Station*
- CHARLES HOMER BELL, Staff Sergeant, Infantry, U. S. Army....204 Engineering Bldg.  
*Instructor in Military Science and Tactics*
- GILMER M. BELL, Capt., Infantry, U. S. Army.....Engineering Building  
*Assistant Professor of Military Science and Tactics*
- CLAUDIUS EDMUND BENNETT, M.S.E.E. (Illinois).....Mechanical Engineering Bldg.  
*Instructor in Electrical Engineering*
- JOHN ROBERT BENTON, B.A., PH.D. (Göttingen).....Engineering Building  
*Dean of the College of Engineering and Architecture,*  
*Professor of Physics*
- ALVIN PERCY BLACK, B.A.....114 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.....Expt. Station Building  
*Pecan Culturist, Experiment Station*
- ARTHUR AARON BLESS, M.S., PH.D. (Cornell).....Mechanical Engr. Building  
*Assistant Professor of Physics*
- JAMES ROBERT BOYD, JR. ....Basket Ball Court  
*Assistant Director of Physical Education*
- JOSEPH C. BRANDKAMP, Sergeant, Field Artillery, U. S. Army....Engineering Building  
*Instructor in Military Science and Tactics*
- HOMER EELLS BRATLEY, M.S.A.....Expt. Station Building  
*Assistant in Entomology, Experiment Station*
- LUCIUS MOODY BRISTOL, M.A., PH.D. (Harvard).....Peabody Hall  
*Professor of Sociology*
- MARVIN ADEL BROOKER, M.S.A. ....Expt. Station Building  
*Assistant in Agricultural Economics, Experiment Station*
- ALBERT NELSON BROOKS, B.A., PH.D. (Wisconsin).....Plant City, Florida  
*Associate Plant Pathologist, Experiment Station*
- CHARLES CARROLL BROWN, C.E., M.A. ....Engineering Building  
*Assistant Professor of Civil Engineering*



HAMLIN L. BROWN, B.S.A.....	Horticulture Building <i>Extension Dairyman, Agricultural Extension Division</i>
RICHARD DEWITT BROWN.....	Auditorium <i>Director of Music</i>
ALVIN LOWELL BROWNE, B.A.....	Basket Ball Court <i>Associate Professor of Physical Education</i>
FRANK WARNER BRUMLEY, M.S.A.....	Horticulture Building <i>Instructor in Farm Management</i>
JOSEPH BRUNET, PH.D. (Stanford).....	301 Language Hall <i>Assistant Professor of French</i>
OLLIE CLIFTON BRYAN, M.S., PH.D. (Wisconsin).....	Agriculture Building <i>Professor of Agronomy</i>
LUDWIG WILLIAM BUCHHOLZ, M.A.....	50 Thomas Hall <i>Professor of Bible</i>
E. WALTER BURKHARDT, B.S., M. Arch.....	Peabody Hall <i>Instructor in Architecture</i>
ALAN BEVERLY BURRITT, B.A., M.L.A.....	Agriculture Building <i>Associate Professor of Horticulture</i>
CHARLES FRANCIS BYERS, M.A. ....	Science Hall <i>Assistant Professor of Biology</i>
HENRY HOLLAND CALDWELL, M.A.....	Language Hall <i>Assistant Professor of English</i>
ARTHUR FORREST CAMP, B.A., PH.D. (Washington Univ.).....	Expt. Station Building <i>Horticulturist, Experiment Station</i>
WILLIAM GRAVES CARLETON, B.A.....	Peabody Hall <i>Instructor in Sociology</i>
WILLIAM RICHARD CARROLL, M.S.....	Science Hall <i>Assistant Professor of Botany and Bacteriology</i>
WILLIAM ANGUS CARVER, M.S., PH.D. (Iowa State Col.).....	Expt. Station Building <i>Assistant Cotton Specialist, Experiment Station</i>
BERNARD V. CHRISTENSEN, M.S. PHARM., PH.D. (Wisconsin)....	314 Chemistry Building <i>Professor of Pharmacognosy and Pharmacology</i>
HARLEY WILLARD CHANDLER, M.S. ....	105 Language Hall <i>Registrar</i>
HAROLD GRAY CLAYTON, M.S.A. ....	Horticulture Building <i>District Agent, Agricultural Extension Division</i>
ROBERT SPRATT COCKRELL, M.A., LL.B. (Virginia).....	104 Law Building <i>Professor of Law</i>

MADISON DERRELL CODY, M.A.....	Science Hall
<i>Professor of Botany and Bacteriology</i>	
JOHN MELTON COLEMAN, B.S. ....	Expt. Station Building
<i>Assistant Chemist, Experiment Station</i>	
JOHN FRANCIS COOPER, B.S.A.....	Horticulture Building
<i>Editor, Experiment Station and Agricultural Extension Division</i>	
WARREN CASSIUS COWELL, B.S. ....	Basket Ball Court
<i>Associate Professor of Physical Education</i>	
ALLEN THORNTON CRAIG, M.A.....	Peabody Hall
<i>Instructor in Mathematics</i>	
CLIFFORD WALDORF CRANDALL, B.S., LL.B. (Michigan).....	205 Law Building
<i>Professor of Law</i>	
IDA KEELING CRESAP .....	Horticulture Building
<i>Librarian, Experiment Station</i>	
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<i>Professor of German and Spanish</i>	
RAYMOND MERCHANT CROWN, B.S.A.....	Expt. Station Building
<i>Field Assistant in Plant Physiology, Experiment Station</i>	
CHARLES RALPH DAWSON, B.S.A.....	Expt. Station Building
<i>Assistant in Dairy Investigation, Experiment Station</i>	
JOHN WILLIAM DEBRUYN, M.A.....	Auditorium
<i>Instructor in Music</i>	
EZRA FRANKLIN DEBUSK, B.S. ....	Horticulture Building
<i>Extension Citrus Entomologist-Pathologist, Agricultural Extension Division</i>	
RALPH DAVIS DICKEY, B.S.A. ....	Agriculture Building
<i>Acting Professor of Entomology and Plant Pathology</i>	
HARWOOD BURROWS DOLBEARE, B.A.....	Language Hall
<i>Associate Professor of Finance</i>	
BERNARD FRANCIS DOSTAL, M.A. ....	Mechanical Engineering Building
<i>Assistant Professor of Mathematics</i>	
HOWARD DYKMAN, B.A., LL.B.....	Language Hall
<i>Associate Professor of Economics and Insurance</i>	
AUTHER H. EDDINS, PH.D. (Iowa State College).....	Expt. Station Building
<i>Assistant Plant Pathologist, Experiment Station</i>	
JOHN GRADY ELDRIDGE, M.A.....	Language Hall
<i>Assistant Professor of Economics</i>	
ELMER JACOB EMIC, M.A.....	Language Hall
<i>Professor of Journalism</i>	

- CHARLES RANGER ENLOW, M.S.A., .....Expt. Station Building  
*Assistant Agronomist, Experiment Station (Cooperation with U.S.D.A.)*
- MARTIN RUSSELL ENSIGN, M.S. ....Expt. Station Building  
*Assistant Horticulturist, Experiment Station*
- HASSE OCTAVIUS ENWALL, S.T.B., PH.D. (Boston) .....108 Peabody Hall  
*Professor of Psychology and Philosophy*
- WALTER WILLIAM FRED ENZ, B.S. PHARM.....304 Chemistry Building  
*Instructor in Pharmacy*
- SILAS KENDRICK ESHLEMAN, JR., M.S., M.E.....Engineering Building  
*Assistant Professor of Drawing and Mechanic Arts*
- HENRY CLAY EVANS, JR., M.A., PH.D. (Columbia).....3 Peabody Hall  
*Professor of History*
- LESTER COLLINS FARRIS, M.A.....Language Hall  
*Associate Professor of English*
- SAMUEL TODD FLEMING, B.A.....Horticulture Building  
*Director, Experiment Station*
- WILBUR LEONIDAS FLOYD, M.S. ....Agriculture Building  
*Assistant Dean of College of Agriculture, Professor of Horticulture*
- PERRY ALBERT FOOTE, M.S. (Pharm.) PH.D. (Wisconsin).....Chemistry Building  
*Associate Professor of Pharmacy*
- J. FRANKLIN FUDGE, PH.D.....Lake Alfred, Florida  
*Assistant Chemist, Experiment Station*
- JOSEPH RICHARD FULK, M.A., PH.D. (Nebraska).....Peabody Hall  
*Professor of Education*
- LEONARD WILLIAM GADDUM, B.A., PH.D. (Missouri).....Expt. Station Building  
*Biochemist, Home Economics Research, Experiment Station*
- EDWARD WALTER GARRIS, M.A., PH.D. (Peabody) .....Peabody Hall  
*Professor of Agricultural Education*
- WILLIAM TEAGUE GAY, B.S., LL.B.....Language Hall  
*Instructor in English*
- MAURICE BERNARD GILL .....Peabody Hall  
*Instructor in Architecture*
- FLAVIA GLEASON .....Tallahassee, Florida  
*State Home Demonstration Agent*
- JAMES DAVID GLUNT, M.A.....Peabody Hall  
*Instructor in History and Political Science*
- ROBERT CABANISS GOODWIN, M.A., PH.D. (Harvard).....130 Chemistry Building  
*Assistant Professor of Chemistry*

- HOWARD WILLIAM GRAY, M.S., C.P.A. (Illinois).....Language Hall  
*Associate Professor of Accounting*
- JOHN GRAY, B.A., M.S.....Agriculture Building  
*Professor of Entomology and Plant Pathology*  
Absent on leave 1929-30
- LEVI OTTO GRATZ, B.A., PH.D. (Cornell).....Hastings, Florida  
*Associate Plant Pathologist, Experiment Station*
- EDGAR FREDERICK GROSSMAN, M.A. ....Expt. Station Building  
*Assistant Entomologist, Experiment Station*
- HENRY GLENN HAMILTON, 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  
*Associate Professor of Gymnastics*
- WILLIAM BYRON HATHAWAY, M.A.....Peabody Hall  
*Associate Professor of Spanish*
- OLIVER HOWARD HAUPTMANN, M.A.....Language Hall  
*Instructor in Spanish*  
Absent on leave 1928-29
- STACY HAWKINS, B.A.....Homestead, Florida  
*Field Assistant in Plant Pathology, Experiment Station*
- FRED HARVEY HEATH, B.S., PH.D. (Yale).....102 Chemistry Building  
*Professor of Chemistry*
- JOHN F. HEPNER, Capt., Infantry, U. S. Army.....Engineering Building  
*Assistant Professor of Military Science and Tactics*
- JACKSON BOLING HESTER, B.S. ....Expt. Station Building  
*Assistant Chemist, Experiment Station*
- ALFRED NASH HIGGINS, B.A.....Basket Ball Court  
*Associate Professor of Physical Education*
- ELMER DUMOND HINKLEY, B.A.....110 Peabody Hall  
*Assistant Professor of Psychology*
- THEODORE HUNTINGTON HUBBELL, B.A.....Science Hall  
*Associate Professor of Biology*
- FRED HAROLD HULL, M.S.....Expt. Station Building  
*Assistant Agronomist, Experiment Station*
- DALLAS BURNETT HUNDLEY, Staff Sergeant, Infantry, U. S. Army.....204 Eng. Building  
*Instructor in Military Science and Tactics*

- HUBER CHRISTIAN HURST, B.A., LL.B.....Language Hall  
*Assistant Professor of Economics and Business Law*
- WILLIAM JOHN HUSA, PH.G., PH.D. (Iowa).....302 Chemistry Building  
*Professor of Pharmacy*
- ROBERT WILLIAM HUSTON, M.A.....302 Language Hall  
*Instructor in French*
- EDWARD THORNTON INGLE, B.A.....Language Hall  
*Assistant Professor of Journalism*
- VESTUS TWIGGS JACKSON, M.S., PH.D. (Chicago).....210 Chemistry Building  
*Associate Professor of Chemistry*
- HAMPTON MCNEELY JARRELL, M.A.....Language Hall  
*Instructor in English*
- ELI JOHNOSKI JOHNS, PH.D. (Havana).....Language Hall  
*Instructor in Spanish*
- JOHN EVANDER JOHNSON, B.D., M.A.....Y. M. C. A. Building  
*General Secretary, Y.M.C.A., Instructor in Bible*
- JOHN HENRY JEFFERIES .....Lake Alfred, Florida  
*Superintendent, Citrus Experiment Station*
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Roemer, Farr, Simpson, Heath, Leake, Chandler.

### ADMISSION

Simpson, M. D. Anderson, Carroll, Chandler, Leake, Roemer, Willoughby, W. H. Wilson, Robertson.

### ALUMNI

Floyd, Abbott, Hamilton, Hinckley, Hurst, Prescott, Simmons, Wright.

### ATHLETICS

Reed, Bachman, Graham, Matherly, Norman, F. Rogers.

### ATTENDANCE

W. H. Wilson, Goodwin, Prescott, Myers, Sherman. The Registrar is ex-officio Secretary to the Committee.

### BUILDINGS AND GROUNDS

Weaver, C. C. Brown, Burritt, Strong, Thompson, Weil

### CORRELATION WITH HIGH SCHOOLS

Roemer, Leigh, Phipps, Farr, Evans, Atkin, Atwood.

### DISCIPLINE

Crandall, Enwall, Price, Walker.

### GLEE AND DRAMATIC CLUBS

Johnson, Hurst, Lord.

### GRADUATE WORK

J. N. Anderson, Benton, Farr, Leigh, Matherly, Newell, Norman, Trusler.

### GILCHRIST SCHOLARSHIP

Simpson, M. D. Anderson, Leake, Tolbert.

### LIBRARY

Leake, Enwall, Farr, Husa, W. A. Little, Miltimore, Myers, Price, Turlington.

### MEMORIALS

Willoughby, Carroll, Christensen, Garris, J. C. Goodwin, Heath, Perry, Van Fleet, Wise.

### MILITARY AFFAIRS

Black, Alexander, J. S. Rogers, Shealy, Whitehead.

### PUBLIC DEBATING

Bristol, Bachman, Eldridge, Farris, Slagle, Thompson

### PUBLIC FUNCTIONS

Lord, DeW. Brown, Bryan, Goodwin, Morris, Phipps, Weil, Williams.



**PUBLICITY**

C. C. Brown, Cooper, Emig, Goodwin, June, Morris, Riley, TeSelle, Simmons,  
W. H. Wilson, Wright.

**RELIGIOUS WELFARE**

W. A. Little, Buchholz, Johnson, Kokomoor, Shealy, Simpson.

**SELF-HELP**

Turlington, Beaty, Black, Buchholz, Dolbeare, Fulk, Shealy, Tolbert.

**STUDENT HEALTH**

J. S. Rogers, C. C. Brown, Haskell, Jackson, Jarrett, Sanborn, Tillman.

**STUDENT ORGANIZATIONS**

Cody, Beisler, Cockrell, Goodwin, W. H. Wilson.

**STUDENT PUBLICATIONS**

Emig, Crow, Robertson, Simpson, Trusler, Wright.

**STUDENT REGULATIONS**

Tolbert, Black, Carleton, Chandler, Myers, Norman.

**UNIVERSITY PUBLICATIONS**

Emig, Chandler, Caldwell, Graham, Wright.

**UNIVERSITY REGULATIONS AND BY-LAWS**

Matherly, Farr, Crow, Benton, Trusler, Chandler.

**YULEE SCHOLARSHIP**

Leigh, Crow, L. M. Drake, Norman.



**PART II**

**GENERAL**

**INFORMATION**

## HISTORICAL STATEMENT

Florida has always shown a deep interest in higher education, having formulated many plans and established a number of institutions. As early as 1824 the foundation of a university was discussed by the Legislative Council. In 1836 trustees were named for a proposed university, but apparently nothing was accomplished. (*Memoirs of Florida*, 1,168.)

Upon its admission to the Union in 1845, the State was granted by the General Government nearly 100,000 acres of land, the proceeds from which were to be used to establish two seminaries, one east and one west of the Suwannee River. This led to the foundation of the East Florida Seminary at Ocala in 1852, and the West Florida Seminary at Tallahassee in 1856. The East Florida Seminary was moved to Gainesville in 1866.

The State Constitution of 1868 contained provisions for establishing and maintaining a university (*Art. VIII, Sec. 2*), and the next year the Legislature passed "An Act to Establish a Uniform System of Common Schools and a University". Other attempts to establish a university were made in 1883 by the State Board of Education and in 1885 by the Legislature. The State Constitution of 1885 also expressly permitted special legislation with regard to a university.

Meanwhile, in 1870, the Legislature passed "An Act to Establish the Florida Agricultural College." As this did not fully meet the terms of the "Land-Grant College" Act of Congress of 1862, the Legislature passed a supplementary Act in 1872 and the State then received from the General Government 90,000 acres of land in support of the proposed college. A site was selected in 1873, in 1875, and again in 1883—the third being at Lake City, and in the fall of 1884 the work of instruction was begun.

In 1887 the Florida Agricultural Experiment Station was established as a department of the College, under the terms of the Hatch Act of Congress. The name of the College was changed by Legislative Act of 1903 to the University of Florida.

During these years, in addition to the two Seminaries and the University, there had come into existence three other State institutions of higher education, the State Normal School at De Funiak Springs, the South Florida Military College at Bartow, and the Agricultural Institute in Osceola County.

Inasmuch as these six institutions failed to make satisfactory differentiation among themselves and to separate their work sufficiently from that of the high schools of the State, and as the cost of maintaining all seemed disproportionate to the results obtained, the Legislature of 1905 passed the "Buckman Act," the effect of which was to merge the six schools into two, the "Florida Female College" and the "University of the State of Florida." In 1909, the Legislature changed the names to the "Florida State College for Women," and the "University of Florida".

Upon the election of Dr. A. A. Murphree as President in 1909, the University was organized under the present system of colleges. The College of Law was organized in 1909, and the departments offering instruction mainly to normal students became the Teachers College in 1912. The Summer School was established by the Legislature in 1913, and the Farmers Institute work merged into the Cooperative Demonstration Work of the U. S. Department of Agriculture. In 1915 all the agricultural activities of the University were placed under the direction of the Dean of the College of Agriculture.

When the United States entered the World War in 1918, all equipment of the University was placed at the disposal of the Government. The College of Engineering operated as a vocational training school, and all other divisions of the institution assisted with the work of the Student Army Training Corps until the close of the war. For five years following the war, the University made a very creditable record in training and rehabilitation of disabled war veterans.

The General Extension Division was established by the Legislature in 1919. The School of Pharmacy was opened in 1923, and became the College of Pharmacy in 1925. The same year a School of Architecture was added in the College of Engineering. In 1925 a School of Business Administration and Journalism was opened in the College of Arts and Sciences, and in 1927 was changed into a separate College of Commerce and Journalism.

## LOCATION

On the 6th day of July, 1905, acting under powers conferred by the Buckman Act, the State Board of Education and the Board of Control, in joint session, selected Gainesville as the location of the University. During the scholastic year of 1905-06, it was found necessary to continue the work of the University at Lake City. Since the summer of 1906 the institution has occupied its present location.

The advantages of Gainesville as the seat of the University are numerous. It is centrally located and easy of access; it has an exceptionally

pure water supply, and a good sewer system; its streets are well lighted, shaded and paved. The citizens are energetic, progressive, and hospitable. The moral atmosphere is wholesome, and the leading religious denominations have attractive places of worship.

## 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, drill grounds, 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 are:

The two Dormitories, Thomas Hall, 60 by 300, and Buckman Hall, 60 by 240, three stories high, built of brick and concrete, in fireproof sections. Each section contains twelve suites of dormitory rooms, with ample bath and toilet facilities on every floor.

Science Hall, 66 by 135, two stories and basement, built of brick and concrete, contains the classrooms and laboratories of the departments of Biology, Geology, Botany and Bacteriology, with the Florida State Museum on the second floor.

The Agricultural Experiment Station Building, 60 by 120, three stories and basement, built of brick and concrete, contains the offices and laboratories of the Station, devoted entirely to research work in agriculture.

The Engineering Building, 73 by 122, built of brick and tile, three stories high, provides offices and class facilities for the departments of Civil and Electrical Engineering, Physics and Military Science. A one-story wing on the south, 40 by 163, is used for wood-shop, blacksmith-shop, and foundry work.

The Agriculture Building, a brick and concrete structure 65 by 115, three stories high, provides offices, classrooms and laboratories for several instruction departments of the College, including Agronomy, Agricultural Engineering, Animal Husbandry and Dairying, Horticulture, Landscape Design, Entomology and Plant Pathology.

Language Hall, 66 by 135, three stories high, built of brick and stone, is headquarters for the College of Arts and Sciences, the College of Commerce and Journalism, and the General Extension Division. It provides offices and class rooms for the departments of Languages, Economics, History and Political Science, Business Administration, and Journalism. The offices of the President, Business Manager and Registrar are at present located on the first floor. In the basement are the bookstore, postoffice, telephone exchange, student-body offices, and press for campus publications.

George Peabody Hall, the Teachers College building, 72 by 135, three stories high, brick and concrete, was erected by a gift of \$40,000 from the Peabody Board of Trust. It provides for the departments of Education and Philosophy, Sociology, Mathematics, and for Teacher-Training work. The School of Architecture occupies the third floor at present, and the Architect for the Board of Control has offices on the second floor.

The Law Building, 70 by 120, a brick and stone structure two stories high, contains offices and lecture rooms, a model courtroom, library, reading and consultation rooms, and quarters for the Marshall Debating Society.

The University Commons, a brick building of one story and basement, 42 by 114, with a wing 27 by 50, contains a large dining hall and kitchen. A wooden annex, 60 by 120, is now used as Y. M. C. A. headquarters.

The Gymnasium is a brick and stone building two stories high, 53 by 106. The main practice floor is well lighted, and supplied with complete gymnasium apparatus. The basement contains locker rooms and showers.

The Library Building, brick and tile, 46 by 168, with three stories in two, contains a large reading room, a reference room with temporary stacks, and necessary offices.

The Administration Building when completed will be the most commanding structure on the campus, the estimated cost being \$800,000. The first unit erected comprises the Auditorium, brick and concrete, 100 by 150, costing \$200,000, with seating capacity of 2,200 people. It contains the splendid Anderson Memorial Organ, and useful stage arrangements for large assemblies.

The Mechanical Engineering Building, brick and concrete, three stories high, the portion completed being 42 by 118 with a wing 32 by 50, provides offices, class rooms and laboratories for the departments of Mechanical Engineering, Drawing and Mechanic Arts.

The Chemistry Building, a brick and concrete structure three stories high, is valued at about \$350,000 with equipment. The complete plans contemplate a building of hollow square formation, 145 by 205, with main stock room and large lecture hall in the center of the square. The first unit now in use contains all the offices, class rooms, and laboratories of the various departments of Chemistry, and the College of Pharmacy.

The Horticulture Building, of brick and concrete, 52 by 110 with a wing 26 by 52, three stories and attic, contains the offices of the Dean of the College of Agriculture, the Agricultural Extension Division, and the Florida State Plant Board. The departments of Agricultural Economics, Poultry Husbandry, and Veterinary Science are housed on the second floor. The Experiment Station Library and mailing rooms are included in the building.

The Basket Ball Court is a wood and steel structure, 110 by 146, with a playing floor 60 by 90, and bleacher seats and galleries for about 1,500 people. It contains offices for the Director and coaching staff, and dressing locker and shower rooms for teams.

A new dormitory building will be completed for the beginning of the first semester, of the 1929-30 term. This building is four stories high, with a brick and stone exterior and entirely fireproof interior construction. The building is divided into sections with four study rooms and four bedrooms per floor. Each section has a separate entrance and stairway. The total capacity will be 182 students. In general each two students have a study room and an adjoining bedroom, though there are a limited number of single rooms. Each room has built-in dressers and clothes closets and is equipped with a lavatory. The room charge in this new dormitory is higher than in the old dormitories.

The University Infirmary is a wooden building, erected for barracks during the war, which has been altered and improved until the equipment is fairly complete for student purposes. Facilities include a modern operating room, hospital wards, nurses quarters, laboratory, consultation room, dispensing room, etc. It is hoped that in the near future a permanent and fully equipped hospital building will be erected.

Other minor buildings include the Barracks, 40 by 60, used as a dormitory, University Station postoffice building, several residences for foremen of the farms and manager of the Commons, and a new central heating plant.

Value. The value of the property used for the work of the University is \$3,500,000. The grounds and farms are valued at \$900,000.



### UNIVERSITY LIBRARY

The University Library contains about 60,000 volumes, arranged according to the Dewey Decimal classification. New books are purchased as rapidly as funds permit, and many gifts are received each year.

As a designated depository of the United States government, the Library receives annually several hundred titles. In addition much valuable material is received from the various state universities, colleges, and experiment stations.

The Library receives four hundred and twenty general and technical periodicals, the current numbers of which are to be found on the reading tables. The periodicals are bound as rapidly as the volumes are completed, and are particularly valuable for reference work. Through the courtesy of the editors a large number of the daily and weekly newspapers of Florida are sent to the Library for the use of the students.

The Library is glad to be of assistance to the teachers and high school students of the State. Under reasonable regulations books are lent upon request. When it is impossible to send the material desired, bibliographies with suggested sources of material are gladly furnished.

The Library now occupies the first unit of the Library Building. The main reading room on the second floor has a seating capacity of 340, and is equipped with electric fans and semi-indirect lighting system. The furniture is oak, in standard library equipment throughout.

### FLORIDA STATE MUSEUM

By Act of the Legislature of 1917 the University was made the home of The Florida State Museum. The Act further provides for:

A natural history and ethnological survey of the State; for scientific investigations looking towards the further development of its natural resources for the collecting of material of scientific, economic and civic value, whether pertaining to the mineral, vegetable, and animal kingdoms or to the aboriginal tribes and the early explorations and settlements; for a library; and for traveling exhibits to be kept in circulation among the schools of the State.

Adequate funds for carrying out all the provisions of this Act have not as yet been provided; but, largely through the generosity of some of our citizens, enough specimens and data are already in hand to permit the Director to announce that the museum is open from eight to five every day in the year.

The Museum contains at the present time about five hundred thousand specimens, one-half of which have been carefully catalogued. Among the eighteen hundred accessions are perhaps most worthy of mention an herbarium of four thousand and eight hundred sheets presented by Dr. Samuel C. Hood of Orlando; the R. D. Hoyt collection of more than eight

hundred birds and four hundred sets of bird eggs; the John J. Ryman collection of more than two hundred birds and eight hundred sets of bird eggs; a complete collection of the mollusca of Alabama, presented by the late Dr. Herbert H. Smith, curator of the Alabama Geological Survey Museum; the "Loring Memorial Collection," presented by General Loring's heirs, Mrs. William Loring Spencer and Mrs. M. C. Royston of St. Petersburg. This last collection is of great historical and artistic value, besides being intrinsically worth many thousands of dollars. The von Noszky collection, presented by Mrs. Rosa von Noszky, is now safely housed in the Museum; the Colonel and Mrs. E. S. Walker collection of Gainesville has recently been increased to thousands of specimens of ethnological material and books; the Mr. and Mrs. John Y. Detwiler collection of New Smyrna, consisting of art and historical specimens; and the F. E. Aspinwall collection of Miami, containing thousands of specimens of coins, art and history material and books.

Other valuable contributions, it is believed, can be announced soon. Even now much material of historic and artistic interest is under consideration for the Museum, and other negotiations are under way for securing large exhibits.

In addition to the above, the Museum has a fair collection of the mollusca of Florida, containing more than eighteen thousand specimens; about nine thousand Florida fossils; more than five hundred Florida reptiles; more than ten thousand specimens of stone implements and pottery of the aborigines of Florida; besides thousands of specimens of historic articles, minerals, etc. The library of the Museum numbers about five thousand volumes and pamphlets.

Unfortunately, owing to the lack of rooms and cases, only a small part of this material is now on exhibition.

## LABORATORIES

For the Laboratories and other equipment of the College of Agriculture, see that College.

1. The Biological Laboratories are located in Science Hall. They are equipped with individual microscopes and other essential apparatus for each student in all the courses offered. In addition there is considerable equipment of special apparatus for use of the instructional staff and advanced students.

2. The Biological Station on Newnan's Lake, six miles east of the campus, is available for field work on the animals and plants of the region. The area about the station provides virgin or nearly virgin con-

ditions of land and fresh-water life. Equipment for class and research work is provided.

3. The Botanical and Bacteriological Laboratories are located in Science Hall. They are well equipped for undergraduate and to some degree for research work. Projects can be carried on at the Green House and at the Biological Station on Newnan's Lake on the plants of this region.

4. The Chemical Laboratories are equipped with the chemicals and apparatus required for instruction in general, inorganic, organic, analytical, physical and agricultural chemistry, and chemical engineering. They are well supplied with the equipment necessary for graduate and research work in pure chemistry, agricultural chemistry, and chemical engineering.

5. The Psychological Laboratory, on the first floor of Peabody Hall, is well equipped for class demonstrations and for carrying on experimental and research work. In addition to the apparatus for the regular experimental work, the laboratory is equipped for carrying on mental and physical tests in connection with the work in educational psychology offered by the Teachers College.

6. The Physical Laboratories are equipped with apparatus for meeting the needs of undergraduate work in physics as usually given in American colleges. In addition to rooms on the second floor, the entire third floor of the Engineering Building is devoted to this department, including a main laboratory, an electrical laboratory, an optical room, workshop and apparatus room, and several offices and store-rooms.

It is prepared to conduct tests for residents of Florida at nominal charges.

7. The Dynamo Laboratory is located on the ground floor of the Engineering Building, and provides a floor area of 30 feet by 90 feet, including rooms accessory to the main laboratory. It is equipped with electrical machinery suitable for the undergraduate work in electrical engineering which is customary in American engineering colleges. This laboratory has benefited by the generosity of a number of manufacturers of electrical appliances, who have kindly given or loaned much valuable equipment.

The laboratory is equipped with special apparatus for the calibration of electrical measuring instruments, and is prepared to conduct tests for residents of this State at nominal charges.

8. The Testing Laboratory has one 50,000-pound Riehle machine and one 400,000-pound Riehle machine for testing the tensile, compres-

sive, and transverse strength of materials; cement-testing machines with the necessary accessories; and apparatus for making special tests on materials used in the various kinds of road and building construction.

9. The Hydraulic Laboratory is equipped with apparatus for use in connection with the undergraduate courses in Hydraulics.

10. The Surveying Instrument Room contains compasses; levels; transits, of which three are equipped with attachments for solar and star observations; plane tables; sextant; barometers; and the necessary minor instruments. Blueprinting apparatus also is included.

11. The Sanitary Laboratory is equipped for engineering research on water and sewage.

12. The Department of Drawing has two Drafting Rooms, equipped with substantial oak desks and possessing the necessary minor equipment to accommodate forty-eight students at a time.

13. Shops. The Wood Shop is equipped with full sets of hand tools, benches and lockers for work and tools. The wood working machinery includes a surfacer, jointer, universal saw table, band-saw, mortiser, borer, disk sander, four lathes and a universal grinder.

The Machine Shop is equipped with the most generally used standard machine tools.

The Forge Shop is equipped with twenty-four down-draft forges, with anvil and a set of hand tools for each forge, six bench-vises, a trip hammer, punch and shear, drill-press, emery wheel stand, and individual lockers for work.

The Foundry is equipped for making moulds and melting and pouring metal for castings.

14. The Mechanical Engineering Laboratories occupy the ground floor of the Mechanical Engineering Building. The steam and internal combustion power plants and the ice and refrigeration plants occupy a space 38 x 96 feet, served by electric power circuits and an overhead traveling crane.

The materials laboratory occupies a room 18 x 21 feet in the west wing of the building. This room contains a large metallurgical microscope and other fine instruments for examining and testing the physical properties of engineering materials.

## ATHLETICS

The equipment for athletics has been greatly increased and improved in the past few years, now including Fleming Field, with two excellently turfed football gridirons, a baseball diamond, grandstand and steel bleachers seating 8,000 persons. Murphree Field is located near the

Gymnasium, with an excellent cinder track, and facilities for many outdoor sports. The new Basketball Court has a maximum playing floor and accommodates 2,000 spectators. Two new clay tennis courts were constructed this year, in addition to six fine concrete courts. The golf links of the Gainesville Country Club are but a mile distant from the campus.

### RECENT GIFTS

Many of the State educational institutions of the South—among them those of Florida—have, in recent years, received substantial gifts. The University feels confident that its friends will continue to help in its upbuilding. All gifts, of whatever nature or value, will be gratefully acknowledged, and used to the greatest possible advantage.

The University will be glad to consult with prospective donors at any time, on methods of gifts or endowment, through trust funds, wills, or insurance.

**THE ANDREW ANDERSON MEMORIAL ORGAN**—The most useful gift in recent years is that of the late Dr. Andrew Anderson of St. Augustine, who generously gave \$50,000.00 for a pipe organ to be installed in the new University Auditorium. A Skinner organ that has few equals in the South has been erected on the Auditorium stage, and is used to splendid advantage at all assemblies of students and public occasions.

**SCHOLARSHIPS**—No method of contributing to the spread of higher education is more beneficial than to make it possible for a worthy but poor young man to attend his state university. Such provision is a debt the present generation rightfully owes to posterity. The establishment of several scholarships is gratefully acknowledged; see pages 46 to 48.

**CHAIR OF AMERICANISM AND SOUTHERN HISTORY**—Through the generosity of the American Legion, Department of Florida, which has provided a fund of \$40,000 for this purpose, supplemented by legislative appropriation, there has been created a Professorship in the University known as the "Chair of Americanism and Southern History." The holder of this professorship is head of the department of History and Political Science, and the courses in American History, Government, and Constitutional Law are given in connection with this Chair.

**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.

## GOVERNMENT AND REGULATIONS OF THE UNIVERSITY

The regulations of the University, and the organization as approved by the Board of Control will be published as a separate bulletin. This bulletin will be available to students and faculty at the beginning of the session 1929-30.

A few of the more important regulations are listed below.

**GRADES AND REPORTS**—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.

The grade of I must be removed within two months or it will be recorded E.

In addition to passing the required courses, students must average C in all courses used for meeting the requirements of a degree. 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.

**FAILURE IN STUDIES**—A final grade, based upon the examination and the monthly grades, is assigned for each semester's work. If this grade falls below D, the student is considered to have failed and may proceed only subject to a condition in the study in which failure has occurred.

*A student who fails in fifty per cent or more of his class hours for two consecutive months, or for the semester, will be dropped for the remainder of the College year. Students so dropped will be entitled to honorable dismissal, unless their failure is clearly due to negligence. Upon petition to the Dean of his College, such a student may be reinstated upon such terms as may seem best.*

**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 written work, if he absents himself without satisfactory excuse from the tests, or if in general he shows no disposition or capacity to do the work required, he may be compelled to pay the fee for change of course and 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."*

**DEGREES**—The special requirements for the various degrees offered by the University will be found under the general statement of the Graduate School and of each of the colleges. The following regulations apply to all colleges:

While pursuing studies leading to a degree a student must be registered in the college offering that degree.

Two degrees of the same rank, as, e.g., B.S.C.E. and B.S.E.E., will not be conferred upon the same individual, unless the second degree represents at least thirty credits of additional work.

**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 per cent 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."

## INCOME

The annual income of the University, apart from Legislative appropriations, is derived principally from the following Federal grants: (a) The "East Florida Seminary Fund"—about two thousand dollars (\$2,000); (b) the "Agricultural College Fund" bonds—about seventy-seven hundred dollars (\$7,700); (c) one-half of the "Morrill Fund"—twelve thousand five hundred dollars (\$12,500); (d) one-half of the "Nelson Fund"—twelve thousand five hundred dollars (\$12,500). The total income thus derived amounts to thirty-four thousand seven hundred dollars (\$34,700).

For the support of the Agricultural Experiment Station the Federal government makes three annual grants: (a) the "Hatch Fund", fifteen thousand dollars (\$15,000); (b) the "Adams Fund", fifteen thousand dollars (\$15,000); and (c) the "Purnell Fund", beginning in 1926 with twenty thousand dollars (\$20,000) and increasing ten thousand dollars per year until the maximum of sixty thousand dollars (\$60,000) per year is reached in 1930, and continuing thereafter.

See also Recent Gifts, Fellowships, Scholarships, Loan Funds and Agricultural Extension Division.

## FEES

UNIVERSITY CHARGES—*Tuition*—In the College of Law a regular tuition fee of forty dollars (\$40.00) per year—\$20.00 payable at the beginning of each semester, is charged every student; and an additional charge of one hundred dollars (\$100.00) per year—\$50.00 payable at the beginning of each semester, is required of all non-resident students. In the other Colleges of the University a student who is a permanent legal resident of Florida is subject to no charge for tuition; a student who is not a permanent legal resident of the State is required to pay a tuition fee of one hundred dollars (\$100.00) per year, payable \$50.00 per semester. A special fee of ten dollars (\$10.00) will be charged all students registered in the College of Commerce and Journalism and a fee of one dollar (\$1.00) per semester hour to other students who elect technical courses in this college.

The burden of proof as to residence is with the student. Any student who registers improperly under the above rule will be required to pay the non-resident tuition, and also a penalty of ten dollars (\$10.00).

*Registration and Contingent Fee*—This fee of seven and one-half dollars (\$7.50) per year is charged all students, including those regularly enrolled in the Graduate School.

*Late Registration Fee*—A fee of \$5.00 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.

*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 \$5.00 per semester for any one course.

A *Breakage Fee* of \$5.00 will be required of each student using a locker and laboratory apparatus in the departments of Chemistry, Pharmacy and Electrical Engineering. This deposit will be made at the Business Manager's office, and refunds on same will be made 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.

*Infirmary Fee*—All students are charged an infirmary fee of nine dollars (\$9.00) per year. This secures for the student in case of illness



the privilege of a bed in the Infirmary and the services of professional nurses and the University physician except in cases involving major operations. To secure this medical service, students must report in person to the nurse in charge of the Infirmary. A fee of \$5.00 is charged for the use of the operating room. Board in the Infirmary is charged at the rate of \$1.50 a day, and a refund of fifty cents a day is allowed if the student has already paid board at the Commons. All students will be given a careful physical examination at the beginning of the session.

*Student Activity Fee*—This fee of twenty-three dollars and sixty cents (\$23.60), payable on entrance, was voted by the students and approved by the Board of Control. These funds 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.

*Diploma Fee*—A diploma fee of five dollars (\$5.00) is charged all candidates for degrees. This fee must be paid by the date as published in the calendar or the student will not receive the degree sought.

*Refunds*—No refund of any fees, except unused portions of laboratory fees, will be made after the student has attended classes for three days.

**LIVING EXPENSES—Board and Lodging**—Board, lodging and janitor service will be furnished by the University at a cost of one hundred dollars (\$100.00) per semester in the old dormitories, and \$116.00 in the new dormitory. This does not include the Christmas vacation. Board only will be furnished at eighty-five dollars (\$85.00) per semester. To take advantage of these rates, payment must be made at the beginning of each semester. No refund will be made for less than a month's absence. When not engaged by the semester, board and lodging, and board only, will be furnished, if paid monthly in advance, according to the following schedule:

**Board and Room—New Dormitory**  
Semester Rate \$116.00

*Monthly Rates:*

Sept. 16 to Oct. 15.....	\$29.50
Oct. 16 to Nov. 15.....	29.50
Nov. 16 to Dec. 21.....	35.00
Jan. 6 to Jan. 31.....	25.85
<hr/>	
February .....	29.50
March .....	29.50
April .....	29.50
May 1st to June 3rd.....	32.00
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**Board and Room—Buckman and Thomas Halls**

Semester Rate \$100.00

*Monthly Rates:*

Sept. 16 to Oct. 15.....	25.50
Oct. 16 to Nov. 15.....	25.50
Nov. 16 to Dec. 21.....	30.60
Jan. 6 to Jan. 31 .....	22.10
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February .....	25.50
March .....	25.50
April .....	25.50
May 1 to June 3.....	28.00
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## Board in University Commons

Semester Rate \$85.00

*Monthly Rates:*

Sept. 16 to Oct. 15.....	21.50	February .....	21.50
Oct. 16 to Nov. 15.....	21.50	March .....	21.50
Nov. 16 to Dec. 21.....	25.80	April .....	21.50
Jan. 6 to Jan. 31.....	18.65	May 1 to June 3 .....	23.50

Under Board and Lodging are included meals in the Commons and room, with heat, light, janitor service, and access to a bathroom. The doors of the rooms are provided with Yale locks. Keys for Dormitory rooms will be issued student on memo charge against Damage Fund. If not returned fifty cents will be forfeited. Janitor service includes the care of rooms by maids, under the supervision of a competent housekeeper.

All rooms are partly furnished and adjoin bathrooms equipped with marble basin and shower with both hot and cold water. The furniture consists of two bedsteads and mattresses, chiffonier or bureau, table, washstand, and chairs. The students are required to provide pillows, bedding, towels and toilet articles for their own use.

A room reservation fee of \$10.00 is charged for dormitory space, and is payable in advance. This fee is retained as a deposit until the student gives up his room, when refund, less any charges for damages incurred during his residence there, is made.

The Board of Control has ruled that Freshmen be given preference in Dormitory reservations. Upper classmen reservations will be accepted with this understanding. We urge that applications be made immediately. They must be accompanied by the Room Reservation Fee of \$10.00. If a room has been assigned, no refund of the reservation fee will be made later than September 10th. Students not assigned to a room, will be entitled to a refund upon request.

Students to whom rooms are assigned will not be allowed to withdraw from the Dormitories during the first semester.

*The University does not furnish lodging without board.*

*Opening and Closing of the Commons*—The dining room will be open for the first meal on Manday noon, September 16, 1929. The last meal served for the scholastic year will be dinner on Tuesday, June 3, 1930. *Keep these dates in mind.*

*Board and Rooms Near the Campus*—Board and rooms in private homes of Gainesville may be secured at rates of thirty-five to forty-five

dollars (\$35.00-\$45.00) 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 University Y. M. C. A. maintains a list of boarding and rooming houses near the campus and in the city, and will cheerfully assist students in securing a comfortable location. For copy of lists and advance information, address the General Secretary, Y. M. C. A., University of Florida, Gainesville.

**BOOKS**—The cost of books depends largely upon the course pursued. In the upper classes, the student is encouraged to acquire works of permanent value, or reference manuals for use in the professions. Students of engineering need a first-class set of drawing instruments for use during and following their college course.

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

Tuition .....	\$ 00.00
Registration and Student Activity fees.....	40.10
Laboratory fees and Books, average.....	37.75
Board and Lodging in Commons and Dormitory (if paid by the semester in advance) Old dormitory.....	200.00
New dormitory .....	232.00
Laundry (about) .....	18.00

Law students should add about \$68.00 to this estimate to cover tuition and extra cost of books.

All students who are not permanent legal residents of Florida will add to these estimates a tuition fee of one hundred dollars (\$100.00). Cost of clothing, recreation and other incidentals are subject to the wishes of the individual.

**REMITTANCES**—*All remittances should be made to the Business Manager, University of Florida, Gainesville, Florida.*

**OPPORTUNITIES FOR EARNING EXPENSES**—It is often possible for a student to earn a part of his expenses by working during hours not required for his University duties.

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 financially 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 Men, Gainesville, Fla.

## FELLOWSHIPS, SCHOLARSHIPS, AND LOAN FUNDS

**FELLOWSHIPS**—In order to encourage young teachers to prepare themselves further for their work, three Teaching Fellowships, each paying \$200.00 annually, have been established in the Teachers College. Application for a fellowship must be made in writing to the Dean of the Teachers College or to the President of the University. It must show that the applicant is a college graduate and has ability to profit by the work offered, and must be accompanied by testimonials as to his character.

A Fellow must devote himself to studies leading to the Master's degree in Education. He will be expected to teach four or five hours per week in the Normal School under the direction and supervision of the Teachers College. He may be called upon for minor services, such as conducting examinations, but not for anything that would interfere with his graduate work.

*L. P. Moore Fellowship*—Established and maintained by Mr. L. P. Moore, of New York, in the interest of forwarding horticultural research in connection with the production of tung-oil trees and seed in America. Open only to graduates of a four-year agricultural course. Value, \$750.00 per year; may be held for two successive years. Application for this Fellowship should be made through the Dean of the College of Agriculture, University of Florida.

*Chilean Nitrate of Soda Fellowship*—Established by the Chilean Nitrate of Soda Educational Bureau for the purpose of forwarding research in citrus fertilizers in Florida. Open only to graduates of a four-year agricultural course. Value, \$2,400—salary \$1,200 and expenses \$1,200 per year. Application for this Fellowship should be made through the Dean of the College of Agriculture, University of Florida.

*Penney-Gwinn Fellowship*—Established and maintained by the J. C. Penney-Gwinn Corporation of New York, for the purpose of forwarding research in: (a) the residual effects of Nitrogen fertilizers in Florida; (b) the economic value of green manures in Florida. Value \$1,000 each per year. Open to graduate students only. Application for either of these fellowships should be made through the Dean of the College of Agriculture, University of Florida.

## 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 each of these scholarships is \$200.00 a year.

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

SCHOLARSHIPS—Through the generosity of friends, the University is able to offer several scholarships. (See also College of Agriculture and Teachers College.) Application for a scholarship should be made to the President of the University and should be accompanied by a record of the student's work, statement of his need, and testimonials as to his character. To secure a scholarship:

- (a) The student must actually need this financial help to enable him to attend the University.
- (b) He must be of good character and habits and sufficiently far advanced to enter not lower than the freshman class.

1. *United Daughters of the Confederacy Scholarships* given by the Chapters of the Florida Division U. D. C. for the term 1927-28:

a. Kirby Smith Chapter, Gainesville—one student, value (Loan) .....	\$100.00
b. Lakeland Chapter, Lakeland—one student, value .....	200.00
c. Southern Cross Chapter, Miami—one student, value.....	180.00
d. Annie Coleman Chapter, Orlando—two students, value.....	400.00
e. Four Chapters of Jacksonville—one student (entered late), value.....	187.50
f. J. J. Dickinson Camp of Tampa—one student (1st. sem.), value.....	75.00

Applications relative to scholarships offered by the different chapters of the U. D. C. should be made to Mrs. J. C. Blocker, Chairman of Education, 600 Fourth Street North, St. Petersburg, Florida.

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

3. *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, Capt. Arthur Ellis Ham, a former student of the University who fell in battle at St. Mihiel, France, on Sept. 14, 1918. Value, the income from a fund of \$5,000.00.

4. *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.

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

6. *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, \$300.

7. *Scottish Rite Scholarships*—Maintained by the Scottish Rite Bodies of Jacksonville, Florida. Two scholarships, valued at \$240.00 each.

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

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

9. *William Wilson Finley Foundation*—See statement under College of Agriculture.

10. *State U. D. C. Foundation*—Loan to a lineal descendent of a Confederate soldier to an amount not exceeding \$100 per year.

11. *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.

12. *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, and was established by the Board of County Commissioners of Duval County, Florida.

13. *Jacksonville Rotary Club Scholarship*—The Jacksonville Rotary Club maintains a scholarship of two hundred and fifty dollars which is given, at their discretion, to a student meeting such requirements as they may make pertaining to the scholarship.

14. *Tampa Alumni Scholarship Loans*—Provide for several students, the estimated allowance being two hundred and fifty dollars each for the scholastic year. These scholarship loans are made available through the generosity of the Tampa Alumni, the Tampa Electric Company, Tampa Coca Cola Company, Lykes Brothers and others. Information as to these loans may be secured from Mr. J. L. Hearin, Secretary, 607 First National Bank Building, Tampa, Florida.

15. *Knights Templar Scholarship*—The Grand Lodge of Knights Templar in the State of Florida has arranged a number of loans in amounts of two hundred dollars to each student, for high school students pursuing a course at this institution.

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 received aid from this scholarship during the present scholastic year.

16. *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 six thousand dollars has been given in scholarship loans this year.

## HONORS

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, 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 fifth of the senior class of the University. The grade which must be attained is based on all college work, wherever done, for which the student receives credit towards a degree.

MEDALS—Medals are offered (1) to the best declaimer in the freshman and sophomore classes and for the best original orations delivered (2) by a member of the junior and (3) the senior class. The contests are decided by public competition during Commencement week. The speakers are limited to four from each class and are selected by the faculty.

## ALUMNI ASSOCIATION

At the close of their Commencement exercises the class of 1906 organized an Alumni Association. All graduates of the University *and the graduates of the former institutions who have had their diplomas confirmed by the University* are eligible for "active" membership. Recently the Association's constitution was so amended that former students, who had attended the University as much as one academic year and left in good standing without having received a degree, are automatically "associate" members. At the annual meeting in June, 1926, the doors of the Association were thrown open to all friends of the University who desire to unite with this organization for the furtherance of this institution, and they may now become "sustaining" members by paying into the treasury a sum at least equal to active and associate membership dues.

The Association holds its annual meeting during Commencement week at the University; and usually a business meeting is held on the occasion of Home-Coming. Most Association business is conducted by the Executive Council, composed at this time of ten men. This Council meets on call, each member paying his own expenses and giving his own time without remuneration. The Association now employs a full-time executive secretary and maintains a suite of offices in the Law Building on the campus.

The Association publishes a monthly alumni periodical, known as *The Florida Alumnus*, the first issue having appeared September 1, 1926. All desiring further information pertaining to Florida alumni should write to the Alumni Association, University of Florida, Gainesville.

Offices for the year 1928-29 are:

Dr. T. Z. Cason, B.S. '08, Jacksonville, President.

Judges S. L. Holland, LL.B. '16, Bartow, Vice-President.

Frank Wright, Executive Secretary and Treasurer.



Other members of the Executive Council: Geo. R. McKean, B.A. '96, Tampa; Raymer F. Maguire, LL.B. '15, Orlando; Phil S. May, B.A. '11, LL.B. '15, Jacksonville; M. Roy Hinson, A.B.E. '24, Tallahassee; Gordon B. Knowles, B.A. '15, LL.B. '16, Bradenton; Norris McElya, B.S. '16, LL.B. '17; Erwin A. Clayton, A.B.E. '24, J.D. '27.

## STUDENT ORGANIZATIONS AND PUBLICATIONS

**ORGANIZATIONS**—Practically every interest of the student-body has a student-controlled organization, but with faculty supervision, for its support. Some of these organizations are mainly religious in character, some social, others purely literary or scientific; still others combine social with other features. Hence there are athletic clubs, in addition to the general Athletic Association of the University; associations of men who have distinguished themselves or who are greatly interested in some activity or study.

**NOTE:** The general faculty has ruled that no social functions shall be given under the auspices of any student organization except with the permission of the Committee on Student Organizations.

*Athletic Association*—This association, composed of the entire student body, has charge of all major and minor sports, under faculty supervision and subject to the rules and regulations of the Southern Intercollegiate Conference.

*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 these are apparent, including:

*Student Center*—The Y Rooms are open every day in the week, and are furnished with magazines, daily papers, Edison, piano, telephone, games, and other conveniences.

*Social Life*—A definite effort is made to create a wholesome social life which may be participated in by every student.

*Religious Activities*—Voluntary Bible study groups, special meetings, life work talks, church cooperation and conferences.

*Secretaries*—Two secretaries having extensive experience with the problems of students are available at all times for counsel and help.

There is no membership fee. The organization is supported by voluntary contributions, and any student may become a member by subscribing to its purpose.

*Fraternities*—\*Nineteen national fraternities have established chapters at the University; most of these have already built handsome chapter houses for their members, and several others are renting homes near the University campus. The general work of the fraternities is controlled by the *Interfraternity Conference*, composed of two delegates from each organization, supervised by a Committee of the General Faculty.

Honor societies or fraternities have been established in the Colleges of Agriculture, Engineering, Law, Teachers College, and in Debating, Chemistry, Military Science, Commerce and Journalism. These organizations have high moral and inspirational purposes, and assist in developing leadership and service.

*Literary and Scientific Societies*—See description under General Statement of each of the colleges of the University.

*Honor Committee*—In order to carry out the spirit of the "Honor System," which has been in operation at the University for years, nine men are elected from the student body to serve on the Student Honor Court. This Honor Court strives in every way possible to promote among the students honesty in all their work and conducts a fair trial in the rare cases of breaches of the system. Its verdict is final, but is kept secret from all save those concerned.

DEBATING COUNCIL—The Debating Council, composed of one representative from each of the Literary Societies, has general charge both of intersociety and intercollegiate debates. Under its direction a debating contest is held annually between each of the colleges of the University. The winning team gains possession of the Faculty Loving Cup for the ensuing year; three successive victories entitle the successful society to a permanent ownership. Certain inter-university debates have grown into a tradition. The home teams debate annually against teams from the University of South Carolina, University of Tennessee, and Louisiana State University. Some forty intercollegiate debates have been held annually for the past few years.

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\*Alpha Gamma Rho  
Alpha Tau Omega  
Delta Chi  
Delta Tau Delta  
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  
Theta Kappa Nu

### MUSICAL ORGANIZATIONS

The Chapel Orchestra offers musical entertainment at many University functions. Its organization is one of the largest in the South. Students with ordinary talent in the handling of orchestral instruments are invited to present their names for membership.

The Glee Club is under the direction of a special teacher of vocal music. Programs are given on the campus and about the middle of the year a tour is made to nearby towns. Membership is selective.

The Military Band adds much to the effectiveness of parades. It makes several excursions during the year to neighboring towns. The instruments, valued at over \$6,000, are furnished by the War Department.

### PUBLICATIONS

Beginning with the session of 1909-10 each junior (or senior) class has published an illustrated annual, known as the "*Seminole*."

The "*Florida Alligator*" is a weekly newspaper owned and controlled by the student-body. Its editorial articles discuss University problems from the viewpoint of the undergraduates.

### ADMISSION

The Classification of students admitted will be according to their previous training—to the freshman class, to advanced standing, as special students, or as graduate students.

*Vaccination*—All students preparing to enter the University of Florida should be vaccinated against small-pox; they must bring a certificate of successful vaccination or be vaccinated after their arrival by the University Physician. Certificates presented must show successful vaccination within five years.

Students are also advised to be inoculated against typhoid fever.

*Procedure*—Students desiring to enter the University of Florida should write to the Registrar stating the course they desire and asking that an entrance blank be sent to the principal of the high school which they attended. In the case of Florida high schools, the student may ask the principal to send the records on the blanks with which the principal will be supplied. *In no case will credits be accepted unless they come direct from the principal to the Registrar.* No student will be registered until his credits have been received and accepted.

Students presenting credits for advanced standing should have the registrar of the institution which they last attended send a transcript of their record to the Registrar of the University of Florida. This transcript must show that the student has honorable dismissal, and that he was successfully passing his courses at the institution that he last attended. *Students who because of failure in studies are not allowed to return to the institution they last attended ordinarily will be denied admission to the University of Florida.*

Upon receipt of the record of previous training the credits will be evaluated, the student notified by the Registrar as to his eligibility for entrance, and as to the amount of advanced standing, if any.

### 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 section 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:

*Arts and Sciences—AB\* Course:*

English .....	3
Algebra .....	1
Plane Geometry .....	1
History .....	1
Science .....	1
Latin .....	2
Approved electives .....	7
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Total .....	16

*Engineering and Architecture:*

English .....	3
Algebra .....	2
History .....	1
Plane Geometry .....	1
Solid Geometry .....	½
Trigonometry .....	½
Physics .....	1
Approved electives .....	7
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Total .....	16

*Commerce and Journalism:\**

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

*All others, viz: College of Agriculture, Teachers College, College of Pharmacy, 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
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Total .....	16

*Entrance Examinations*—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*—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.

*Responsibility for Entrance*—The University will accept all graduates from accredited institutions, and report on their work to the Southern Association. Students entering by entrance examinations are not reported to the Association.

*Short Courses in Agriculture*—Students 18 years of age and over, may enter the four month and one year courses offered in the College of Agriculture, without the required high school entrance units.

\*Students taking work in the College of Arts and Sciences or in the College of Commerce and Journalism are urged to present not less than three units (3) in Mathematics:—one unit (1) in Plane Geometry; one and one-half (1½) units of Algebra. Unless one-half (½) unit of Trigonometry is taken in high school and presented for entrance it must be taken in addition to the regular course in Mathematics.

†This may be waived by presenting 2 extra units in History or Science, or one extra in each.

*Engineering Students*—Pending the provision of enlarged facilities for instruction the right is reserved to limit the number of freshmen admitted to the College of Engineering and Architecture to such number as can be properly accommodated with the present facilities. A qualifying examination will be given to all applicants and must be passed before a student will be registered in these courses. Students having successfully completed a year's course in another college will be exempt from this examination.

*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>Second Grade Certificate:</i>	<i>Primary Certificate:</i>
English (Rhetoric and Composition) .....	English Composition....	U. S. History and Constitution .....
2	1	1
General History .....	Civics .....	Psychology .....
1	1/2	1
Physiology .....	U. S. History .....	Manual Arts .....
1	1/2	1
Biology (omitted from old First) .....	Agriculture .....	Nature Study .....
1	1/2	1
U. S. History <sup>1</sup> / <sub>2</sub> , Civics <sup>1</sup> / <sub>2</sub> .....	Theory and Practice.... <sup>1</sup> / <sub>2</sub>	Drawing .....
1	1/2	1
Theory and Practice <sup>1</sup> / <sub>2</sub> , Agriculture <sup>1</sup> / <sub>2</sub> .....	Algebra .....	English (Rhetoric and Composition) .....
1	1	2
Algebra .....	—	Public School Music ..
2	Total units .....	1
—	4	—
Total units .....		Total units .....
9		8

Other certificates will be considered on their merits.

**MAXIMUM AND MINIMUM CREDITS ALLOWED FOR ENTRANCE**

Following is a list of subjects with the maximum and minimum number of units allowed for entrance. Entrance units will not be allowed in subjects not listed without special approval of the Committee on Admissions:

Courses	Units*	Courses	Units*	Courses	Units*
English, three yrs.	3	History, Mod. & Med.	1	Physiology .....	(1/2) (1)
English, fourth yr.	1	History, American	(1/2) (1)	Physical Geog. ....	1
Germ., two yrs.**	2	Civics†	(1/2) (1)	Agriculture‡‡	1 ( )
German, third yr.	1	Algebra, elem. ....	1	Economics .....	1/2
German, fourth yr.	1	Algebra, intermed.	1/2	Sociology .....	1/2
French, two yrs.**	2	Algebra, advanced	1/2	Drawing .....	(1/2) (1)
French, third yr...	1	Geometry, plane ..	1	Music Theory and History§	(1/2) (1)
French, fourth yr.	1	Geometry, solid ....	1/2	Business English†	1
Span., two yrs.**	2	Trigonometry .....	1/2	Bookkeeping†	(1/2) (1)
Spanish, third yr.	1	Physics .....	1	Com'l Arithmetic†	(1/2) (1)
Span., fourth yr...	1	Chemistry .....	1	Com'l Geography†	1/2
Latin, 2 yrs.**.....	2	General Science ..	1	Shorthand†	1
Latin, third yr. ....	1	Biology‡	1	Typewriting .....	1/2
Latin, fourth yr. ...	1	Botany‡	(1/2) (1)	Manual Training..	(1/2) (1)
History, Ancient ..	1	Zoology‡	(1/2) (1)	Bible .....	(1/2) (1)
History, English ..	1				

\*A unit is equivalent to five recitations a week for a year in one branch of study. Two or three hours of laboratory work count as equivalent to one hour of recitation.

\*\*Two units is the minimum credit allowed in a foreign language.

†A maximum of 4 units is allowed in English, Mathematics, History and Civics, Vocational subjects or Commercial subjects.

‡If one unit of Biology is offered, neither Botany (1/2 unit) nor Zoology (1/2 unit) may be counted.

‡‡As many as four units in Agriculture will be allowed to applicants for a degree in Agriculture.

§Credit not allowed in Band, Glee Club, etc.





**PART III**  
**THE**  
**COLLEGES**

## THE GRADUATE SCHOOL

**ORGANIZATION**—This School is under the direction of the Committee on Graduate Studies, which consists of Professors Anderson, Benton, Farr, Newell, Norman, Trusler, Leigh, and Matherly.

Graduate students should register with the Chairman of this Committee.

**DEGREES OFFERED**—Courses are offered leading to the degrees of Master of Arts, Master of Arts in Education, Master of Science, Master of Science in Agriculture, Master of Science in Engineering, and Master of Science in Pharmacy.

**PREREQUISITE DEGREE**—Candidates for the Master's degree must possess the Bachelor's degree from this institution or one of like standing. If the degree offered is not acceptable, the student may be required to obtain a satisfactory Bachelor's degree or he may be permitted to make good his deficiency by additional work and a longer residence at the University.

**APPLICATIONS**—Candidates for the Master's degree must present to the Chairman of the Committee on Graduate Studies a written application for the degree not later than the first of November of the first year's residence. This application must name the major and minor subjects offered for the degree and must contain the signed approval of the heads of the departments concerned. In case the student comes from another institution, a transcript of his college work is required.

When a candidate offers as a part of his work any course not sufficiently described in the catalog, he must include in his application an outline or description of that course.

**TIME REQUIRED**—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.

**WORK REQUIRED**—The work is twelve hours per week. Six hours of this work must be in one subject (the major) and of a higher grade than any course offered for undergraduate students in that subject. The other six hours (the minor or minors) are to be determined and distributed by the professor in charge of the department in which the major subject is selected. No course designed primarily for students of a lower grade

than the junior class will be acceptable as a minor. While the major course is six hours, these hours are not the same as in undergraduate work, for in general the major work will require at least two-thirds of the student's time.

As a rule the student will have had four years of work or its equivalent in the subject selected for his major, and two or three years in the subjects selected as minors.

To obtain credit for a graduate course the student must attain a grade of not less than B. Re-examinations are not permitted. As a rule it is not permissible to select a minor in the same department as the major.

**DISSERTATION**—It is customary to require a dissertation showing original research and independent thinking on some subject accepted by the professor under whom the major work is taken. This dissertation must be in the hands of the committee not later than two weeks before Commencement Day. Two copies are required to be deposited in the library if the dissertation is accepted.

**SUMMER SCHOOL**—Four complete summer terms devoted entirely to graduate work will satisfy the time requirement.

The application must be presented not later than four weeks after the beginning of the first term. Application blanks are to be obtained from the chairman of the committee.

**APPROVAL OF THE COMMITTEE**—The majors and minors, the subject of the thesis, and the thesis itself are all subject to the approval of the Committee on Graduate Studies.

## COURSES OF STUDY

For description of courses offered see Departments of Instruction section.

## THE COLLEGE OF ARTS AND SCIENCES

JAS. N. ANDERSON, *Dean*

WILLIAM HAROLD WILSON, *Assistant Dean*

### GENERAL STATEMENT

**AIM AND SCOPE**—The tendency of universities at the present time seems to be to reach out farther and farther into the domain of knowledge and to become more and more places where the student may expect to acquire any form of useful knowledge in which he may be interested. In the center, however, there is still found the College of Arts and Sciences, the pulsating heart, as it were, sending its vivifying streams to the outermost tips of the institution.

The aim of the College is to prepare for life, it is true, but not so directly and immediately as do the professional schools. It is a longer, but a better road, for those who are able to travel it, to distinction and ultimate success in almost any calling. Especially in the case of the learned professions, it is becoming clearer that a man must first get a liberal education, if possible, before entering upon his professional studies.

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.

But if the student wishes to examine the practical side exclusively, he will find that there is also something practical in all the courses. For instance, they are all valuable for those who wish to learn to teach the subjects. Moreover, the use of electives gives the student an opportunity to specialize in some branch according to his inclination and in furtherance of his plans.

### SOCIETIES

*Farr Literary Society*—This is the oldest society on the campus, and has provided opportunity for training in debate and oratory for many classes of college men. Meetings are held weekly.

*The Leigh Chemical Society*—Organized by and for the students of the department of Chemistry, from all Colleges, for the purpose of stimulating 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.

ADMISSION—For full description of requirements for admission and of unit courses, see pages 53 to 57, inclusive.

DEGREES—The College of Arts and Sciences offers courses leading to the degrees of Bachelor of Arts (A.B.) and Bachelor of Science (B.S.).

SUBJECTS OF STUDY—The subjects of study leading towards the degrees offered by the College of Arts and Sciences are divided into the following four groups:

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

REQUIREMENTS FOR DEGREES—For each of the degrees offered, a total of 134 credits is required, of which at least the last 30 credits must be pursued in residence at this University.

For the A.B. degree 10 credits must be earned in Group I, 24 credits in each of Groups II and IV, and 36 credits in Group III; 8 credits may be taken in any Group; the remaining 56 credits (including the “major”) must be earned in Groups II and III and (pure) mathematics. In Group II, two courses of a grade as high as 100 must be taken.

For the B.S. degree 10 credits must be earned in Group I, 18 credits in Group II (6 of which must be in a course as high as 100), 30 credits in Group III, and 54 credits (including the “major”) from Group IV; the remaining 22 may be earned in any Group or Groups.

The “major” must consist of 18 credits in one department (not counting the freshman work or a foundation course) and must be approved by the head of the department chosen. The choice of electives must meet with the approval of the Dean.

COMBINED ACADEMIC AND LAW COURSE—For not more than 24 of the free elective credits required for either of the Bachelor’s degrees con-

ferred by the College of Arts and Sciences there may be substituted an equal number of credits from the first year of the College of Law.

The Bachelor's degree in Arts or Science will not be conferred, however, upon a candidate offering 24 credits in Law until he has satisfactorily completed the second year of the course in the College of Law.

**MINIMUM AND MAXIMUM HOURS**—The student must take at least fourteen hours of work, and in general will not be permitted to take more than nineteen; but if in the preceding semester he has attained an honor point average of 2 or more and has not failed in any subject he may be permitted to take as many as twenty-one hours, and if he has attained an honor point average of 2.5 with no failures he may be permitted to take as many as twenty-three hours.

**PRE-MEDICAL COURSE**—Students intending to study medicine are advised to take the regular B.S. course. Inasmuch, however, as many students are unable to spend four years on a non-professional course, the University offers a Two-Year Pre-Medical course.

### CURRICULUM

Leading to the Degree of Bachelor of Arts

#### Freshman Year

<i>First Semester</i>		<i>Second Semester</i>	
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 101 .....	2	Military Science 102 .....	2
Physical Education 101 .....	1	Physical Education 102 .....	1
	17		17

#### Sophomore Year

<i>First Semester</i>		<i>Second Semester</i>	
NAMES OF COURSES	CREDITS	NAMES OF COURSES	CREDITS
Biology 101	5	Biology 104 (or 106)	5
Or Chemistry 101		Or Chemistry 102	
Or Physics 105 & 107		Or Physics 106 & 108	
Or Physics 203		Or Physics 204	
Group II .....	3	Group II .....	3
Group III .....	3	Group III .....	3
Group II or III or IV .....	3	Group II or III or IV .....	3
Military Science 201 .....	2	Military Science 202 .....	2
	16		16

\*Greek 21-22 may be substituted. Then History 101-102 will be taken the sophomore year.

## CURRICULUM

Leading to the Degree of Bachelor of Science

*Freshman Year*

<i>First Semester</i>		<i>Second Semester</i>	
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*

<i>First Semester</i>		<i>Second Semester</i>	
NAMES OF COURSES	CREDITS	NAMES OF COURSES	CREDITS
*Biology 101	} .....	Biology 104 (or 106)	} .....
Or Physics 105 and 107		Or Physics 106 and 108	
Or Physics 203		Or Physics 204	
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

\*If the student elects Biology in his sophomore year, he must take Physics the following year or vice versa. Both these subjects are required in the B. S. Course.

**JUNIOR AND SENIOR YEARS**—In the Junior and Senior years candidates for either of the degrees offered must choose their studies so as to conform to the general "Requirements for Degree" of this college, see page 63.

## CURRICULUM

## Two-Year Pre-Medical Course

## First Year

<i>First Semester</i>		<i>Second Semester</i>	
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

<i>First Semester</i>		<i>Second Semester</i>	
NAMES OF COURSES	CREDITS	NAMES OF COURSES	CREDITS
Chemistry 201 .....	3	Chemistry 202 .....	3
Chemistry 251 .....	5	Chemistry 252 .....	5
Physics 105 and 107 } .....	5	Physics 106 and 108 } .....	5
Or Physics 203 } .....		Or Physics 204 } .....	
Elective .....	3	Elective .....	3
Military Science 201 .....	2	Military Science 202 .....	2
	18		18

## COURSES OF STUDY

For description of courses offered by the College of Arts and Science, see Departments of Instruction section.



## THE COLLEGE OF AGRICULTURE

WILMON NEWELL, *Dean and Director*

### GENERAL STATEMENT

The College of Agriculture has three divisions:

1. Instruction Division (the College proper)
2. Research Division (Experiment Station)
3. Agricultural Extension Division.

### THE COLLEGE

W. L. FLOYD, *Assistant Dean*

**AIM AND SCOPE**—The College was established under the Acts 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, described on page 32 is the principal building for the College. Three departments are housed in the new Horticulture Building.

Arrangements are made for outside instruction in the different departments on the College farm which consists of 135 acres. The farm is equipped with a foreman's home, general barn for work stock, modern dairy barn, veterinary hospital, sweet potato storage house, propagating house, greenhouses, corn crib, farm machinery and implements, several stock lots and sheds, poultry houses, irrigating systems, and a number of types and breeds of cattle, hogs, and other farm animals. The Experiment Station farm containing about 700 acres joins the College farm and is also accessible for instructional purposes.

**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.

**FELLOWSHIP**—L. P. Moore Fellowship, for graduate students. See page 46.

**SCHOLARSHIPS**—*County Scholarships*—Provision has been made by a legislative act for a scholarship, sufficient to pay the board of a student in the College of Agriculture, from each county, to be provided for at their discretion by the various Boards of County Commissioners. The recipient is to be selected by competitive examination from among the qualified applicants.

Whether such a scholarship has been provided for may be learned from the Clerk of the Board of County Commissioners or the County Agent of the county in question. Other information may be obtained from the College of Agriculture.

**BOYS' CLUB SCHOLARSHIPS**—The Florida Bankers' Association offers club boys three prize scholarships, of \$100 each, in the College of Agriculture: one for the western, one for the central and one for the southern areas of the State.

Chilean Nitrate of Soda Educational Bureau offers a scholarship of \$100.

Frank E. Dennis, of Jacksonville, offers a scholarship of \$250 in the College of Agriculture to the State Pig Club champion.

**LOAN FUNDS**—**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 the sum of one thousand dollars (\$1,000), to be used as a loan fund. No loan from this fund to an individual is to exceed \$150 per year. Recipients are selected by the Dean of the College of Agriculture, to whom all applications should be directed.

**NOTE:** Loan funds available for students in any college of the University, as well as the conditions under which loans are made, will be found described on page 46.

**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. See also Opportunities for Earning Expenses, page 45.

**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., Jacksonville.  
Southern States Lumber Company, 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.

## THE FOUR-YEAR COURSE

NOTE: See page 54 for entrance requirements.

**GROUPS**—The group courses offered afford the individual student opportunity for preparing for that branch of agriculture in which he is most interested. The Agronomy Group should be selected by those wishing to pursue general farming; the Animal Husbandry Group by those interested in stock raising; the Chemistry Group by those desiring to specialize in agricultural chemistry, and others in like manner.

**QUANTITY OF WORK**—No student will be allowed to take more than twenty hours of work, unless his general average during the previous year was at least 2 honor points, with no failure in any study; or more than twenty-two hours, unless the previous year's average was at least 2.5 honor points, with no failure.

**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 (B.S.A.). One hundred forty credits are required for graduation in all groups.

### CURRICULUM FOR FOUR-YEAR COURSE IN AGRICULTURE

(Except those taking Landscape Design.)

<i>Freshman Year</i>		<i>Second Semester</i>	
<i>First Semester</i>			
NAMES OF COURSES	CREDITS	NAMES OF COURSES	CREDITS
Horticulture 101 .....	3	Animal Husbandry 102 .....	3
Botany 101 .....	4	Botany 102 .....	4
Chemistry 101 .....	5	Chemistry 104 .....	5
English 101 .....	3	English 102 .....	3
Military Science 101 .....	2	Military Science 102 .....	2
Physical Education 101 .....	1	Physical Education 102 .....	1
	18		18

<i>Sophomore Year</i>		<i>Second Semester</i>	
<i>First Semester</i>			
NAMES OF COURSES	CREDITS	NAMES OF COURSES	CREDITS
Agronomy 201 .....	3	Agric. Engineering 104 .....	2
Biology 101 .....	5	Agric. Engineering 202 .....	4
Geology 201 .....	3	*Chemistry 254 .....	4
Mathematics 85 .....	3	**Poultry Husbandry 202 .....	3
Physics 201 .....	3	Physics 202 .....	3
Military Science 201 .....	2	Military Science 202 .....	2
	19		18

<i>Junior and Senior Years</i>		<i>Second Semester</i>	
<i>First Semester</i>			
NAMES OF COURSES	CREDITS	NAMES OF COURSES	CREDITS
Agronomy 301 .....	5	Agric. Economics 306 .....	3
Bacteriology 301 .....	4	Entomology 302 .....	4
Agric. Economics 301 .....	3	Journalism 316 .....	3
Elective .....	2	Or a Modern Language .....	
Group Requirements .....	19	Veterinary Science 302 .....	2
		Elective .....	3
		Group Requirements .....	19
(See next pages.)	--	(See next pages.)	--
	33		34

NOTE: At the beginning of his Junior year, each student will enter the Group which he prefers, and, in addition to the subjects specified above for the Junior and Senior years, must take the subjects required in his chosen Group.

\*For Chemistry Group take 201-202.

\*\*Those specializing in Pomology take instead Hort. 202; Poul. Husb. will be taken later.

## GROUP REQUIREMENTS—JUNIOR AND SENIOR YEARS

<i>First Semester</i>		<i>Second Semester</i>	
NAMES OF COURSES	CREDITS	NAMES OF COURSES	CREDITS
<i>Agricultural Economics Group</i>			
Agricultural Economics 303 .....	3	Agricultural Economics 308 .....	3
Agricultural Economics Subjects.....	6	Agricultural Economics Subjects.....	6
Electives (Approved) .....	10	Electives (Approved) .....	10
	19		19
<i>Agricultural Engineering Group</i>			
Horticulture 305 .....	3	Agronomy 302 .....	3
Agricultural Engineering Subjects....	9	Agricultural Economics 308 .....	3
Electives .....	7	Agricultural Engineering Subjects....	6
	19	Electives .....	7
			19
<i>Agronomy Group</i>			
Agricultural Engineering 301 .....	3	Botany 202 .....	4
Plant Pathology 301 .....	4	Bacteriology 302 .....	4
Agronomy Subjects .....	8	Agronomy Subjects .....	6
Electives .....	4	Electives .....	5
	19		19
<i>Animal Husbandry Group</i>			
Poultry Husbandry 301 .....	3	Bacteriology 302 .....	4
Veterinary Science 301 .....	3	Veterinary Science 302 .....	3
Veterinary Science 401 .....	2	Animal Industry Subjects .....	3
Animal Industry Subjects .....	8	Electives .....	4
Electives .....	3		19
	19		
<i>Chemistry Group</i>			
Chemistry 255 .....	5	Chemistry 256 .....	5
Chemistry 301 .....	3	Chemistry 302 .....	3
Chemistry 321 .....	3	Chemistry 322 .....	3
Chemistry 401 .....	3	Chemistry 402 .....	3
German or French .....	3	German or French .....	3
Electives .....	2	Electives .....	2
	19		19

## First Semester

## Second Semester

NAMES OF COURSES	CREDITS	NAMES OF COURSES	CREDITS
<i>Entomology and Plant Pathology Group</i>			
Entomology 303 } Or Plant Pathology 401 } .....	4	Entomology 304 } Or Plant Pathology 402 } .....	4
Plant Pathology 301 .....	4	Plant Pathology 304 .....	3
Plant Pathology 303 .....	3	Entomology 406 .....	3
Entomology 405 .....	3	Electives .....	9
Electives .....	5		
	19		19
<i>Horticulture Group</i>			
Botany 201 .....	4	Agronomy 302 .....	3
Plant Pathology 301 .....	4	Poultry Husbandry 202 .....	3
Horticultural Subjects .....	9	Horticultural Subjects .....	9
Electives .....	2	Electives .....	4
	19		19
<i>Smith-Hughes Group</i>			
Agricultural Engineering 303 .....	3	Agronomy 302 .....	3
Plant Pathology 301 .....	4	Agricultural Organization 204 .....	1
Political Science 101 .....	3	Political Science 102 .....	3
Education 303 .....	3	Education 0207 .....	3
Education 403 .....	3	Education 304 .....	3
Education 409 .....	3	Education 306 .....	3
	19	Education 410 .....	3
			19

**CURRICULUM FOR FOUR-YEAR COURSE IN  
LANDSCAPE DESIGN**

<i>First Semester</i>		<i>Freshman Year</i>		<i>Second Semester</i>	
NAMES OF COURSES	CREDITS	NAMES OF COURSES	CREDITS		
Architecture 101 .....	3	Architecture 102 .....	2		
Botany 101 .....	4	Botany 102 .....	4		
Chemistry 101 .....	5	Chemistry 102 .....	5		
English 101 .....	3	English 102 .....	3		
Military Science 101 .....	2	Military Science 102 .....	2		
Physical Education 101 .....	1	Physical Education 102 .....	1		
	—	Architecture 112 .....	1		
	18		—		
	18		18		

<i>Sophomore Year</i>			
Architecture 121 .....	2	Architecture 122 .....	2
Horticulture 101 .....	3	Architecture 226 .....	2
Horticulture 207 .....	3	Horticulture 208 .....	3
Mathematics 85 .....	3	Horticulture 210 .....	3
Physics 201 .....	3	Horticulture 212 .....	3
Military Science 201 .....	2	Physics 202 .....	3
Modern Language .....	3	Military Science 202 .....	2
	—		—
	19		19
	19		18

<i>Junior Year</i>			
Geology 201 .....	3	Botany 202 .....	4
Agricultural Engineering 301 .....	3	Horticulture 310 .....	3
Agronomy 301 .....	5	Entomology 302 .....	4
Horticulture 309 .....	3	Electives .....	3
Architecture 227 .....	2	Modern Language .....	3
	—		—
	16		17
	16		17

<i>Senior Year</i>			
Agricultural Economics 301 .....	3	Horticulture 406 .....	3
Horticulture 405 .....	3	Horticulture 408 .....	3
Horticulture 411 .....	3	Plant Pathology 406 .....	3
Plant Pathology 405 .....	3	English 202 .....	3
English 201 .....	3	Electives .....	1
Modern Language .....	3	Modern Language .....	3
	—		—
	18		16
	18		16

## OTHER DEPARTMENTS

Descriptions of other subjects required in the various courses or electives that may be taken by students in the College of Agriculture can be found by referring to the index.

## FOUR-MONTHS AND ONE-YEAR 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 the list of subjects below 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.

NAME OF COURSE	NATURE OF WORK	HOURS PER WEEK
<i>First Semester</i>		
Agricultural Economics 301	Fundamental Principles	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	2
Animal Husbandry 203	Beef Production	3
Chemistry 101	General Chemistry	5
Dairying 201	Farm Dairying	3
Entomology 21	Farm, Garden and Orchard Insects	3
Entomology 405	Insecticides and Fungicides	3
Horticulture 21	Elements of Horticulture	3
Horticulture 101	Plant Propagation	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 301	Commercial Poultry Keeping	3
Veterinary Science 301	Farm Sanitation	2



*Second Semester*


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Agricultural Economics 54 .....	Farm Management .....	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 102 .....	Types and Breeds of Animals.....	3
Animal Husbandry 202 .....	Animal Breeding .....	2
Animal Husbandry 204 .....	Swine Production .....	2
Botany 22 .....	Agricultural Botany .....	3
Chemistry 104 .....	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 202 .....	Fundamentals of Fruit Production	3
Horticulture 204 .....	Pruning .....	3
Horticulture 206 .....	Trucking .....	3
Horticulture 306 .....	Citrus Harvesting, Marketing, etc.	3
Horticulture 308 .....	Deciduous Fruits .....	3
Plant Pathology 22 .....	Diseases and Insects of Citrus....	3
Plant Pathology 304 .....	Diseases of Florida Crops.....	3
Poultry Husbandry 202 .....	Farm Poultry .....	3
Poultry Husbandry 303 .....	Commercial Poultry Keeping.....	3
Veterinary Science 302 .....	Veterinary Elements .....	2

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**COURSES OF STUDY**

For description of courses offered by the College of Agriculture, see Departments of Instruction section.

## THE AGRICULTURAL EXPERIMENT STATION

WILMON NEWELL, *Director*

**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 in connection with every college and university receiving the benefits of the original "Land-Grant Act" an institution for purely investigational work.

The Florida Agricultural Experiment Station was founded in 1887 and has continued without interruption since that time. As a part of its funds are obtained from Federal sources, it must comply with the Federal law and use its income 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 5 per cent for buildings or repairs. In order to receive the benefits of the Adams, Hatch and Purnell funds, the Station must, before any money is spent in investigation, submit plans or projects for proposed experiments to the United States Department of Agriculture for approval.

**LOCATION**—The advantages of having the Agricultural Experiment 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 experimental 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 practicable are given to students of the University.

**EQUIPMENT**—The Station occupies all the space in the three-story Agricultural Experiment Station Building, including research laboratories of Agronomy, Animal Husbandry, Chemistry, Entomology, Agricultural Economics, Home Economics, Plant Pathology and Physiology. The library and mailing rooms are located in the Horticulture Building.

**LINES OF INVESTIGATION**—The lines of investigation conducted by the station fall naturally into several departments: Agronomy, Agricul-

tural Economics, Animal Husbandry, Chemistry, Cotton Investigations, Entomology, Home Economics, Horticulture, Plant Pathology and Veterinary Science. 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 frequently two or more departments are engaged in the solution of the same problem.

PROJECTS—Some of the more important 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 pecan 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 insects.

Cooperative experiments with farmers in various sections of the State 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.

BRANCH STATIONS—Branch stations have been established at the following locations and for the indicated purposes: at Lake Alfred for the special study of problems of the citrus grower; at Quincy for the study of the problems of particular interest to the tobacco grower; and at Belle Glade for the purpose of making investigations, tests and experiments in agricultural problems as applied to conditions of the Everglades.

**FIELD LABORATORIES**—Field laboratories have been established at Hastings for the study of Irish potato diseases, at Cocoa for certain citrus investigations, at Sanford for investigation of celery problems, at Plant City for the study of strawberry diseases, at Homestead and Bradenton for the study of Tomato Nail Head Rust Disease, and at Monticello for study of pecan insects and diseases.

**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 are issued annually: 201 have appeared to date. The press bulletins are prepared in order to bring to the citizens of Florida information connected with the investigations that are being carried on, before all the work necessary for the publishing of a bulletin has been completed. They are issued at short intervals, 408 having already appeared. The annual reports contain a brief statement of the work done, as well as of the expenditure of funds. Thirty-nine have been published. All of these publications are distributed free upon request to the Director.

## THE AGRICULTURAL EXTENSION DIVISION

WILMON NEWELL, *Director*

**STAFF**—A. With headquarters at Gainesville: Wilmon Newell, A. P. Spencer, H. G. Clayton, R. W. Blacklock, Hamlin L. Brown, E. F. DeBusk, N. R. Mehrhof, J. F. Cooper, J. Lee Smith, W. T. Nettles, Lucy Belle Settle.

B. With headquarters at Tallahassee: Flavia Gleason, Virginia P. Moore, Ruby McDavid, Isabelle S. Thursby, Mary A. Stennis, Mary E. Keown.

C. With headquarters at Tallahassee (A. & M. College for Negroes): A. A. Turner, Julia A. Miller.

D. Revised list of County and Home Demonstration Agents.

County	County Agents	Address	Home Dem. Agents
Alachua	F. L. Craft	Gainesville	Mrs. Grace F. Warren
Bradford	T. D. Rikenbaker	Starke	
Brevard	W. R. Briggs	Cocoa	
Broward	C. E. Matthews	Ft. Lauderdale	Miss Ethyl Holloway
Calhoun	J. G. Kelley	Blountstown	Miss Josephine Nimmo
Charlotte		Punta Gorda	Miss May Winfield
Citrus	I. R. Nolen	Inverness	Mrs. Elizabeth W. Moore
Dade	J. S. Rainey	Miami	Miss Pansy Norton
Dade (Asst.)	C. A. Steffani	Homestead	
Dade (Asst.)		Miami	Miss Carrie Torbert
Duval	W. L. Watson	Jacksonville	Miss Pearl Laffitte
Duval (Asst.)	J. O. Traxler	Jacksonville	
Duval (Asst.)	C. H. Magoon	Jacksonville	

County	County Agents	Address	Home Dem. Agents
Escambia	E. P. Scott	Pensacola	Miss Della Stroud
Flagler	L. T. Nieland	Bunnell	
Gadsden		Quincy	Miss Elise Laffitte
Hamilton	J. J. Sechrest	Jasper	
Hernando	John H. Logan	Brooksville	Mrs. Florence Albert
Highlands	L. H. Allsmeyer	Sebring	
Highlands		Punta Gorda	Miss May Winfield
Hillsboro	C. P. Wright	Plant City	
Hillsboro (East)		Plant City	Miss Motelle Madole
Hillsboro (West)		Tampa	Mrs. Mary S. Allen
Holmes		Bonifay	Mrs. Bettie A. Caudle
Indian River	W. E. Evans	Vero Beach	
Jackson	S. H. Rountree	Marianna	Miss Mary Sue Wigley
Jefferson	E. H. Finlayson	Monticello	Miss Ruby Brown
Lafayette	D. C. Geiger	Mayo	
Lake	C. R. Hiatt	Tavares	Miss Christine McFerron
Lee	W. P. Hayman	Ft. Myers	Miss Anna Mae Sikes
Leon	G. C. Hodge	Tallahassee	Mrs. Ruth C. Kellum
Levy	N. J. Allbritton	Bronson	
Madison	B. E. Lawton	Madison	
Manatee	L. H. Wilson	Bradenton	Miss Margaret Cobb
Marion	Clyde H. Norton	Ocala	Miss Tillie Roesell
Martin	C. P. Heuck	Stuart	
Nassau	A. S. Lawton	Fernandina	Miss Pearl Jordan
Okaloosa	J. W. Malone	Crestview	Miss Bertha Henry
Okeechobee	C. A. Fulford	Okeechobee	
Orange	K. C. Moore	Orlando	Mrs. Nellie W. Taylor
Osceola	J. R. Gunn	Kissimmee	Miss Albina Smith
Palm Beach	M. U. Mounts	W. Palm Beach	Miss Edith Y. Morgan
Palm Beach (Asst.)		W. Palm Beach	Miss Bernice Lyle
Pinellas	Wm. Gomme	Clearwater	Mrs. Joy Belle Hess
Polk	F. L. Holland	Bartow	Miss Lois Godbey
Polk (Asst)		Bartow	Miss Mosel Preston
Putnam		Palatka	Miss Bertha L. Vaden
St. Johns	E. H. Vance	St. Augustine	Miss Anna E. Heist
St. Lucie	A. Warren	Ft. Pierce	
Santa Rosa	John G. Hudson	Milton	Miss Martha Moore
Sarasota	P. M. Childers	Sarasota	
Sumter	I. R. Nolen	Inverness	
Suwannee	W. W. Green	Live Oak	
Taylor	R. S. Dennis	Perry	Mrs. Annabel Powell
Union	L. T. Dyer	Lake Butler	
Volusia	T. A. Brown	DeLand	Miss Orpha Cole
Wakulla	D. M. Treadwell	Crawfordville	
Walton	Mitchell Wilkins	DeFuniak Springs	Miss Eloise McGriff
Washington	Gus York	Chipley	

**Negro Local Farm and Home Demonstration Agents**

County	Farm Agent	Address	Home Dem. Agent
Alachua	W. P. Stockton	Gainesville	
Bradford	J. W. Keller	Starke	
Columbia	E. S. Belvin	Lake City	
Duval		Jacksonville	Olive L. Smith
Jackson	J. E. Granberry	Marianna	
Jefferson	M. E. Groover	Monticello	
Leon		Tallahassee	Alice W. Poole
Levy		Archer	Nancy Henderson
Marion	Wm. B. Young	Ocala	
Marion		Reddick	Idella Ransom
Madison		Madison	Althea Ayer
Orange		Orlando	Mamie E. Wright
Suwannee	C. T. Evans	Live Oak	
St. Johns		St. Augustine	Mary A. Caldwell
Sumter		Webster	Diana H. Finlayson

COOPERATIVE AGRICULTURAL EXTENSION WORK—The Agricultural Extension Division 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:

(A) Demonstrations in agricultural and horticultural crops, dairying, hog raising, poultry raising, cooperative organizations, insect and disease control.

(B) Boys' agricultural clubs, including corn, pig and fat barrow, peanut, calf, potato, bee and citrus clubs.

(C) Home demonstration work including gardening, poultry, bee keeping, food conservation, nutrition, clothing, home improvement clubs, and civic improvement clubs.

(D) Extension schools, including Farmers Week held annually at the University, County and Home Demonstration Agents' annual meeting, boys' and girls' annual club meetings, and Extension Schools arranged by county agents.

(E) Demonstration work with colored farmers, including club work for boys and girls, and demonstration work with men and women.

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 appropriating an additional sum for the same purpose.

The purpose of these Acts may be seen from the following quotation:

“That 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.”

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 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, 1929, is \$205,073.96.

### 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.

As Agricultural Extension work in Florida is conducted according to a joint agreement with the federal government, it is very important that the Extension work in Florida should harmonize closely with that of other states.

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 on 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.

### 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 are offered to club members, such as scholarships to the University and to the State College for Women, and money or merchandise. The State Fair, Jacksonville, and South Florida Fair, Tampa, allot space for the products of boys' and girls' clubs, and provide liberal cash prizes to stimulate interest in these contests.

**PUBLICATIONS**—The publications of the Division 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 Division 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 are put on the air over Station WRUF every Monday, Wednesday, and Saturday night from 6:30 to 7 o'clock. Talks are made by members of the College Agriculture faculty and the Experiment Station and Agricultural Extension Division 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 Division 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 12, 1929; ending August 17, 1929.

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; colonists who wish information regarding Florida conditions and methods.

The laboratory equipment, the purebred livestock, and the farms will be available for instruction; the Agricultural Experiment Station and State Plant Board will afford 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 education 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. See page 131.

### AGRICULTURAL MEETINGS

A number of meetings of people interested in agriculture are held annually at the University. These find excellent accommodations and facilities, better for their purpose than anywhere else in the State. Laboratories, classrooms, and exhibits, as well as growing crops, barns and other equipment are placed freely at their service.

## THE COLLEGE OF ENGINEERING AND ARCHITECTURE

J. R. BENTON, *Dean*

### GENERAL STATEMENT

The statement made here applies more particularly to Engineering; a corresponding statement is made later for the School of Architecture.

**AIM AND SCOPE**—It is the aim of the College of Engineering and Architecture to furnish training such as will be useful to its graduates in the profession of engineering or related occupations. Its courses of instruction are similar to those of other American engineering schools of college grade; its graduates are prepared to fill such positions as are usually allotted to young engineers.

Scholastic training alone cannot make a competent engineer, any more than it can make a competent physician or lawyer. It can, however, fit a man to enter the profession of engineering; and it is an important element in ultimate success in that profession.

The work of the College is divided among courses of study of the following types: (1) Courses in the sciences fundamental to the practice of engineering, of which mathematics, physics, and chemistry are the most important; (2) courses in various branches of engineering practice in which these sciences are applied, such as structural, steam, or electrical engineering; (3) courses in practical work, such as mechanic arts, drafting, or surveying; and (4) courses contributing primarily to general culture, such as those in English.

**BUILDINGS AND EQUIPMENT**—The headquarters and principal building of the College is Engineering Hall, described on page 32. The Departments of Mechanical Engineering and of Drawing and Mechanic Arts, are housed in the Mechanical Engineering Building immediately east of Engineering Hall. Shop work is provided for in the south wing of Engineering Hall.

Part of the work of the College of Engineering and Architecture coincides with that of other colleges of the University; for such work the class-rooms and laboratories of the other colleges are utilized.

**ADMISSION**—See pages 53-57. No students except adult special students are admitted with entrance conditions in any required entrance units.

Before registration all new students will be required to pass a qualifying examination, except those who have successfully completed a year's work of a regular curriculum in any recognized college, without any omission or change.

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 present facilities.

Admission after the work of a semester has begun is not ordinarily permitted, but will be allowed in cases of unavoidable emergency, up to two weeks after the opening of a semester.

**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 through which the student body of the College of Engineering and Architecture 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 and Architecture 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.

**EXPENSES**—See pages 42-45.

**CURRICULA AND DEGREES**—Four curricula, each requiring four years, are offered in engineering. They lead to the degrees of Bachelor of Science in Civil Engineering (B.S.C.E.), in Electrical Engineering (B.S.E.E.), in Mechanical Engineering (B.S.M.E.), and in Chemical Engineering (B.S.Ch.E.), respectively. A curriculum is offered in architecture, requiring four years, and leading to the degree Bachelor of Science in Architecture.

The work of the Freshman year is the same for all engineering students, and nearly the same for architectural students. The work in English, economics, mathematics, mechanics, and physics is the same throughout the curriculum for all engineering students, and nearly the same for architectural students. All engineering students take some work in chemistry, drawing, surveying, and shop practice, but the time devoted to these subjects varies in the different curricula.

The degree Civil Engineer (C.E.), Electrical Engineer (E.E.), Mechanical Engineer (M.E.), or 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 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 April 1st preceding the Commencement at which the degree may be awarded.

The Bachelor degree (B.S.C.E., B.S.E.E., B.S.M.E., or B.S.Ch.E.) indicates merely the completion of a course of study in the theory of engineering; while the engineer degree (C.E., E.E., M.E., or Ch.E.) indicates demonstrated proficiency in the practice of some branch of engineering. Every student of engineering should look forward to obtaining one of these higher degrees eventually.

### CURRICULUM FOR ENGINEERING

(The Freshman Year is the same for all Engineering Students)

NAMES OF COURSES	HOURS PER WEEK							
	1st Semester				2nd Semester			
<i>Freshman Year</i>	*	**	†	T	*	**	†	T
Descriptive Geom. 101-102.....	2	3	0	5	2	3	2	7
Drawing 101-102 .....	0	0	5	5	0	0	3	3
English 101-102 .....	3	6	0	9	3	6	0	9
Mathematics 151-152 .....	3	6	0	9	3	6	0	9
Military Science 101-102 .....	2	2	4	8	2	2	4	8
Physics 105-106 .....	3	4	0	7	3	4	0	7
Physics 107-108 .....	0	0	4	4	0	0	4	4
Shop 101 .....	0	0	6	6	..	..	..	..
Surveying 101 .....	..	..	..	..	1	2	3	6
	13	21	19	53	14	22	16	53

NOTE: Freshmen are required to take one semester each of Surveying and of Woodworking, but these two courses may be given in reverse order to that shown here, at the convenience of the departments concerned.

\*Hours of recitation or lecture. \*\*Estimated hours necessary for preparation. †Hours of laboratory, shop, field, or drafting-room work. T—Total hours.

CURRICULUM FOR CIVIL ENGINEERING

NAMES OF COURSES	HOURS PER WEEK							
	<i>Sophomore Year</i>				<i>Junior Year</i>			
	<i>1st Semester</i>				<i>2nd Semester</i>			
	*	**	†	T	*	**	†	T
Chemistry 101-102 .....	3	6	4	13	3	6	4	13
Electrical Engineering 202 .....	..	..	..	..	2	4	0	6
Electrical Engineering 204 .....	..	..	..	..	0	0	2	2
Mathematics 251-252 .....	3	6	0	9	3	6	0	9
Military Science 201-202 .....	2	2	4	8	2	2	4	8
Physics 209 .....	2	4	2	8	..	..	..	..
Shop 204 .....	..	..	..	..	0	0	3	3
Surveying 201-202 .....	2	3	6	11	2	3	3	8
	12	21	16	49	12	21	16	49
	<i>Junior Year</i>				<i>Senior Year</i>			
	*	**	†	T	*	**	†	T
Applied Mechanics 315-316 .....	4	8	2	14	4	8	2	14
Bacteriology 308 .....	..	..	..	..	1	0	4	5
Economics 307 .....	3	6	0	9	..	..	..	..
Graphic Statics 306 .....	..	..	..	..	2	2	4	8
Highways 303-304 .....	2	3	0	5	1	2	3	6
Mathematics 351-352 .....	2	4	0	6	2	4	0	6
Materials of Engineering 319 .....	2	4	0	6	..	..	..	..
Railroads 301-302 .....	2	4	2	8	1	1	3	5
Testing Laboratory 310 .....	..	..	..	..	0	0	2	2
	15	29	4	48	11	17	18	46
	*	**	†	T	*	**	†	T
Chemistry 215 .....	2	0	3	5	..	..	..	..
Concrete Design 412 .....	..	..	..	..	2	2	3	7
Contracts and Specifications 405 .....	2	2	0	4	..	..	..	..
English 411-412 .....	0	3	0	3	0	3	0	3
Geology 201 .....	3	6	0	9	..	..	..	..
Human Engineering 410 .....	..	..	..	..	2	2	0	4
Hydraulics 407 .....	2	4	2	8	..	..	..	..
Hydraulic Engineering 408 .....	..	..	..	..	2	4	0	6
Municipal Sanitation 409 .....	2	5	3	10	..	..	..	..
Structural Engineering 403-404 .....	2	3	3	8	2	3	6	11
Water Supply 410 .....	..	..	..	..	3	6	4	13
	13	23	11	47	11	20	13	44

\*Hours of recitation or lecture. \*\*Estimated hours necessary for preparation. †Hours of laboratory, shop, field, or drafting-room work. T—Total hours.

## CURRICULUM FOR ELECTRICAL ENGINEERING

NAMES OF COURSES	HOURS PER WEEK							
	<i>Sophomore Year</i>				<i>2nd Semester</i>			
	<i>1st Semester</i>				<i>1st Semester</i>			
	*	**	†	T	*	**	†	T
Chemistry 101-102 .....	3	6	4	13	3	6	4	13
Drawing 201-202 .....	0	0	3	3	0	0	3	3
Electrical Engineering 202 .....	..	..	..	..	2	4	0	6
Electrical Engineering 204 .....	..	..	..	..	0	0	2	2
Mathematics 251-252 .....	3	6	0	9	3	6	0	9
Mechanism 201-202 .....	2	3	0	5	2	3	0	5
Military Science 201-202 .....	2	2	4	8	2	2	4	8
Physics 209 .....	2	4	2	8	..	..	..	..
Shop 201-202 .....	0	0	3	3	0	0	3	3
	12	21	16	49	12	21	16	49
<i>Junior Year</i>								
	*	**	†	T	*	**	†	T
Applied Mechanics 315-316 .....	4	8	2	14	4	8	2	14
Economics 307 .....	3	6	0	9	..	..	..	..
Electrical Engineering 311-302 .....	2	4	0	6	3	6	0	9
Electrical Engineering 313-304 .....	0	0	2	2	0	0	4	4
Machine Elements 301-302 .....	0	0	3	3	2	2	3	7
Materials of Engineering 319 .....	2	4	0	6	..	..	..	..
Mathematics 351-352 .....	2	4	0	6	2	4	0	6
Thermodynamics 310 .....	..	..	..	..	3	6	0	9
	13	26	7	46	14	26	9	49
<i>Senior Year</i>								
	*	**	†	T	*	**	†	T
Contracts and Specifications 405 .....	2	2	0	4	..	..	..	..
Elective .....	..	..	..	..	2	4	0	6
Electrical Engineering 401-402 .....	3	6	0	9	3	6	0	9
Electrical Engineering 403-404 .....	0	0	3	3	0	0	3	3
Electrical Engineering 405-406 .....	1	2	2	5	1	2	2	5
English 411-412 .....	0	3	0	3	0	3	0	3
Human Engineering 410 .....	..	..	..	..	2	2	0	4
Hydraulics 407 .....	2	4	2	8	..	..	..	..
Mechanical Laboratory 420 .....	..	..	..	..	0	0	4	4
Power Engineering 421 .....	3	6	0	9	..	..	..	..
Power Engineering 424 .....	..	..	..	..	3	6	0	9
Shop 401 .....	0	0	6	6	..	..	..	..
	11	23	13	47	11	23	9	43

## CURRICULUM FOR MECHANICAL ENGINEERING

NAMES OF COURSES

HOURS PER WEEK

*Sophomore Year*

	<i>1st Semester</i>				<i>2nd Semester</i>			
	*	**	†	T	*	**	†	T
Chemistry 101-102 .....	3	6	4	13	3	6	4	13
Drawing 201-202 .....	0	0	3	3	0	0	3	3
Electrical Engineering 202 .....	--	--	--	--	2	4	0	6
Electrical Engineering 204 .....	--	--	--	--	0	0	2	2
Mathematics 251-252 .....	3	6	0	9	3	6	0	9
Mechanism 201-202 .....	2	3	0	5	2	3	0	5
Military Science 201-202 .....	2	2	4	8	2	2	4	8
Physics 209 .....	2	4	2	8	--	--	--	--
Shop 201-202 .....	0	0	3	3	0	0	3	3
	12	21	16	49	12	21	16	49

*Junior Year*

	*	**	†	T	*	**	†	T
Applied Mechanics 315-316 .....	4	8	2	14	4	8	2	14
Economics 307 .....	3	6	0	9	--	--	--	--
Kinematic Drawing 305-306 .....	0	0	3	3	0	0	3	3
Machine Elements 301-302 .....	0	0	3	3	2	2	3	7
Materials of Engineering 319-320 .....	2	4	0	6	2	4	0	6
Mathematics 351-352 .....	2	4	0	6	2	4	0	6
Shop 301-304 .....	0	0	4	4	0	0	4	4
Thermodynamics 310 .....	--	--	--	--	3	6	0	9
	11	22	12	45	13	24	12	49

*Senior Year*

	*	**	†	T	*	**	†	T
Contracts and Specifications 405 .....	2	2	0	4	--	--	--	--
Electrical Engineering 417-418 .....	3	6	3	12	0	0	3	3
Human Engineering 410 .....	--	--	--	--	2	2	0	4
Hydraulics 407 .....	2	4	2	8	--	--	--	--
Hydraulic Engineering 408 .....	--	--	--	--	2	4	0	6
Mechanical Design 411-412 .....	2	2	4	8	2	2	4	8
Mechanical Laboratory 417-418 .....	0	0	4	4	0	0	4	4
Power Engineering 421-422 .....	3	6	0	9	3	6	0	9
Power Engineering 424 .....	--	--	--	--	3	6	0	9
	12	20	13	45	12	30	11	43

\*Hours of recitation or lecture. \*\*Estimated hours necessary for preparation. †Hours of laboratory, shop, field, or drafting-room work. T—Total hours.

## CURRICULUM FOR CHEMICAL ENGINEERING

NAMES OF COURSES	HOURS PER WEEK							
	<i>Sophomore Year</i>				<i>2nd Semester</i>			
	*	**	†	T	*	**	†	T
Chemistry 101-102 .....	3	6	4	13	3	6	4	13
Chemistry 212 .....					1	0	7	8
German or French .....	3	6	0	9	3	6	0	9
Mathematics 251-252 .....	3	6	0	9	3	6	0	9
Military Science 201-202 .....	2	2	4	8	2	2	4	8
Physics 209 .....	2	4	2	8				
	13	24	10	47	12	20	15	47
<i>Junior Year</i>								
	*	**	†	T	*	**	†	T
Applied Mechanics 315-316 .....	4	8	2	14	4	8	2	14
Chemistry 251-252 .....	3	6	4	13	3	6	4	13
Chemistry 301-302 .....	0	0	6	6	0	0	6	6
Economics 307 .....	3	6	0	9				
Electrical Engineering 202 .....					2	4	0	6
Electrical Engineering 204 .....					0	0	2	2
Mathematics 351-352 .....	2	4	0	6	2	4	0	6
	12	24	12	48	11	22	14	47
<i>Senior Year</i>								
	*	**	†	T	*	**	†	T
Chemistry 321-322 .....	2	4	2	8	2	4	2	8
Chemistry 341-342 .....	3	6	0	9	3	6	0	9
Chemistry 344 .....					0	0	6	6
Chemistry 351 .....	3	6	0	9				
Chemistry 413-414 .....	0	0	6	6	0	0	4	4
Contracts and Specifications 405 .....	2	2	0	4				
English 411-412 .....	0	3	0	3	0	3	0	3
Human Engineering 410 .....					2	2	0	4
Hydraulics 407 .....	2	4	2	8				
Thermodynamics 310 .....					3	6	0	9
	12	25	10	47	10	21	12	43

\*Hours of recitation or lecture. \*\*Estimated hours necessary for preparation. †Hours of laboratory, shop, field, or drafting-room work. T—Total hours.

## COURSES OF STUDY

For description of courses offered by the College of Engineering and Architecture, see Departments of Instruction section.



## THE SCHOOL OF ARCHITECTURE

RUDOLPH WEAVER, *Director*

**AIM AND SCOPE**—The School of Architecture has been established to furnish training in Architecture and Allied Arts. The work in Architecture is of four years duration, leading to the bachelor's degree.

The demand for courses in Commercial Art has been met by the introduction of a curriculum which, in progressive stages, would prepare a student to enter the fields of Advertising Design, Illustration and Mural Painting.

The courses are designed to prepare graduates for those fields of endeavor in which utility is combined with beauty. The demand for buildings for many uses, their decoration and furnishing, has always been one of the major 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 and minor arts of building and in the related or allied arts. The American is requiring that buildings and articles of use shall be made beautiful as well as useful. It is the aim of the School of Architecture of the University of Florida to train students to meet these demands as designers, draftsmen, superintendents, constructors, teachers, etc., and ultimately as general practitioners or as specialists in their chosen field.

Due to the unusual climatic conditions which prevail in Florida it is possible to conduct out door classes in pencil, charcoal, and water color.

For requirements for admission to the regular four-year course, see page 55.

Special two or three-year courses may be arranged by consultation with the Director of the School of Architecture.

The Florida Chapter of the American Institute of Architects has voted funds for providing the School of Architecture with special lecturers selected from among its own ranks, and other prominent men in related fields.

The Florida Association of Architects has awarded a gold medal annually to the architectural student doing the best work throughout the year, and has also created a loan fund for deserving and needy students.

The Florida State Board of Architecture turns over to the School of Architecture the surplus funds derived from fees paid by those who take the examination to practice in Florida. This fund is a great aid in making

the library a first class research library for both students and practicing architects of Florida whose personal libraries may be inadequate for their uses.

Students who complete the full four-year course in Architecture are exempt from the examination of the Florida State Board of Architecture.

### CURRICULUM FOR ARCHITECTURE

#### *Freshman Year*

COURSE	NUMBER	SUBJECT	First Semester			Second Semester		
			**	T	CREDIT	**	T	CREDIT
Arch.	101-102	Architectural Design .....	0	9	3	0	6	2
Arch.	112	Elements of Beauty .....	0	0	0	2	3	1
Arch.	121-122	Freehand Drawing .....	0	6	2	0	6	2
*M. E.	101-102	Descriptive Geometry .....	3	5	2	3	5	2
Physics	105-106	General Physics .....	4	7	3	4	7	3
Physics	107-108	General Physics Lab. ....	0	4	2	0	4	2
Math.	151-152	Elementary Math. Analysis	6	9	3	6	9	3
English	101-102	Rhetoric and Composition	6	9	3	6	9	3
Mil. Sci.	101-102	Military Science .....	2	8	2	2	8	2
			21	57	20	23	57	20

#### *Sophomore Year*

Arch.	201-202	Architectural Design .....	0	9	3	0	9	3
Arch.	221-222	Freehand Drawing .....	0	6	2	0	6	2
Arch.	226	Elementary Water Color....	0	0	0	0	6	2
Arch.	227	Perspective .....	0	6	2	0	0	0
Arch.	231-232	Architectural History .....	4	6	2	4	6	2
C. E.	101	Surveying .....	2	6	2	0	0	0
Math.	251-252	Dif. and Int. Calculus.....	6	9	3	6	9	3
Mod. Lang.			5	8	3	5	8	3
†Elective			0	0	0	0	6	2
Mil. Sci.	201-202	Military Science .....	2	8	2	2	8	2
			19	58	19	17	58	19

#### *Junior Year*

Arch.	301-302	Architectural Design .....	0	12	4	0	9	3
§Arch.	310	Residence Design .....	0	0	0	0	3	1
Arch.	314	Theory of Composition ....	0	0	0	2	3	1
Arch.	321	Freehand Drawing .....	0	6	2	0	0	0
Arch.	331-332	Architectural History .....	4	6	2	4	6	2
Arch.	351	Frame Construction .....	3	5	2	0	0	0
Arch.	352	Masonry Construction .....	0	0	0	3	5	2
¶M. E.	315-316	Applied Mechanics .....	8	14	5	8	14	4
C. E.	308	Graphic Statics .....	0	0	0	2	6	2
Mod. Lang			5	8	3	5	8	3
Elective			0	6	2	0	0	0
			20	57	20	24	54	18

## Senior Year

Arch.	401-402	Architectural Design .....	0	15	5	0	15	5
Arch.	416	Professional Practice .....	0	0	0	2	3	1
Arch.	435	Decorative Arts .....	2	3	1	0	0	0
Arch.	454	Concrete Design .....	0	0	0	4	6	2
Arch.	455	Working Drawings .....	0	6	2	0	0	0
‡Arch.	464	Heating and Ventilating } Electric Lighting } Plumbing }	0	0	0	8	9	3
‡Arch.								
‡Arch.								
C. E.	403-404	Structural Engineering ...	3	8	3	3	11	4
Economics	307	Introduction to Econ. ....	6	9	3	0	0	0
English	412	Engineering Exposition ...	0	0	0	2	3	1
Elective			8	12	4	4	6	2
			19	53	18	23	53	18

BASIC COURSE PREPARATORY TO ADVERTISING DESIGN,  
ILLUSTRATION AND MURAL PAINTING

## Freshman Year

COURSE	NUMBER	SUBJECT	First Semester			Second Semester		
			**	T	CREDIT	**	T	CREDIT
Arch.	121-122	Freehand Drawing .....	0	6	2	0	6	2
Arch.	0228-228	Modeling .....	0	6	2	0	6	2
Arch.	112	Elements of Beauty .....	0	0	0	2	3	1
Painting	103-104	Pictorial Composition .....	5	6	2	5	6	2
Painting	107	Abstract Design .....	0	3	1	0	0	0
Painting	115-116	Poster Design .....	3	6	2	3	6	2
Painting	117-118	Advertising Design .....	0	6	2	0	6	2
English	101-102	Rhetoric and Comp. ....	6	9	3	6	9	3
History	101-102	Europe during Mid. Ages..	6	9	3	6	9	3
Mod. Lang.			6	9	3	6	9	3
			26	60	20	28	60	20

## Sophomore Year

Arch.	221-222	Freehand Drawing .....	0	6	2	0	6	2
Arch.	226	Water Color .....	0	0	0	0	6	2
Arch.	227	Perspective .....	0	6	2	0	0	0
Painting	203-204	Pictorial Composition .....	5	6	2	5	6	2
Painting	207-208	Abstract Design .....	0	3	1	0	3	1
Painting	211-212	Oil Painting .....	0	9	3	0	9	3
Painting	215-216	Poster Design .....	3	6	2	3	6	2
Painting	219-220	Illustration .....	0	6	2	0	6	2
History	201-202	Mod. European History....	6	9	3	6	9	3
Mod. Lang.			6	9	3	6	9	3
			20	60	20	20	60	20

\*\*Estimated hours per week necessary for preparation.

T—Total estimated hours per week, lecture, laboratory and preparation.

\*When the class in Descriptive Geometry arrives at the subject of shades and shadows Architectural students are given this instruction in the School of Architecture.

†Elective. Students are advised to take Arch. 228, Modeling, for their elective.

‡One-third of the semester is given to each of these subjects in succession.

§Arch. 302 and 310 are taught at the same period in succession.

¶Omitting that part of the second semester that deals with dynamics.

## COURSES OF STUDY

For description of courses offered by the School of Architecture, see Departments of Instruction section.

## ENGINEERING EXPERIMENT STATION

J. R. BENTON, *Director*

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. The station had its inception by an act of the Board of Control on February 11, 1929.

Researches may be carried on either by full time research workers or by the use of part of the time of the members of the teaching staff, or by graduate assistants under the direction of the heads of the engineering departments.

The Engineering Experiment Station is prepared to undertake research investigations under cooperative arrangements with outside industries, by which the expense of the work will be shared between the interested industry and the Engineering Experiment Station. Further information can be obtained by addressing J. R. Benton, Engineering Experiment Station, University of Florida.

Some of the research projects now being prosecuted are: Bearing value of Florida soils for highways; study of utilization of some Florida clays; heat transmission through palmetto wall board; heating value of Florida peats; efficiency and performance of solar heaters; study of operation of Imhoff method of sewage; and, the study of Tung oil in lacquers.

## THE COLLEGE OF LAW

HARRY R. TRUSLER, *Dean*

### GENERAL STATEMENT

**AIM AND SCOPE**—In 1891, the American Bar Association declared that in its opinion it was a part of the highest duty and interest of every civilized state to make provision for maintaining schools of law for the thorough legal education of all who are licensed to practice law. Recognizing the soundness of this statement and desiring to discharge this duty, the State Board of Education and the Board of Control provided for the opening of the College of Law in the University in September, 1909. The advantages accruing to the State from having, as a part of its educational system, a thorough and systematic course of instruction in the common law, with special consideration of the peculiarities and exceptions applicable in Florida, are many and evident.

It was the purpose of the Board of Control to establish a law school which, by the quality of its work and character of its equipment, would merit and command the confidence and support of the bench and bar. That the hope of accomplishing these results was well founded is shown by the number and character of those who have availed themselves of the advantages offered.

**REQUIREMENTS FOR ADMISSION**—In addition to the requirement of sixteen entrance units (see page 54), two years of college work, defined as sixty-eight credits acceptable for a bachelor's degree, must be presented by candidates. Evidence of this work must be furnished on or before the date of admission. One credit is equivalent to one semester hour.

No specific course of studies is prescribed for the college work required for admission; but, in general, students are advised to pursue the course offered by the College of Arts and Sciences. Thereby it will be easier for them to complete the combined academic and law course should they so desire.

**SPECIAL STUDENTS**—The practice of admitting special students (i. e., those not meeting the requirements for admission) has been discontinued.

**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 above mentioned may enter as candidates for degrees.

**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 from schools which are members of the Association of American Law Schools, of which this College is a member, will be accepted without examination.

**EXAMINATIONS**—The last week of each semester is devoted to searching examinations covering the work of the semester.

All students, unless excused by the Dean, must present themselves for the regular examination in all the subjects for which they are registered. A student who has made a semester grade of R is entitled to a re-examination in that subject under the rules as printed on page 40.

**UNIVERSITY PRACTICE COURTS**—Thoroughly organized practice courts are regular features of the third year of the curriculum. The object is to give the student practical instruction in pleading and practice at law and in equity, and experience in the preparation and trial of cases. The work is arranged as follows:

**FIRST**—Cases arising upon prepared statements of fact are assigned, upon which the students are to determine what proceedings to bring and how to bring them, issue, serve, and return process, prepare the pleadings, and to bring the case to an issue on a question of law. The case is heard on the sufficiency of the form and the structure of the pleadings; when these are approved the issue of law is argued and decided, the students acting as attorneys drawing the order, judgment, or decree to which they deem themselves entitled.

**SECOND**—In the second class of cases, actual controversies are arranged and assigned for trial in the Circuit Court as issues of fact. After determining what action to bring, the students assigned to the case are required to issue the proper process and prepare and file the necessary pleadings, subpoena the witnesses, select the jury, examine and cross-examine the witnesses, and argue the case to the jury. 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 TeSelle.

**LIBRARY**—The Law Library contains:

Three sets of Florida Reports with Wurts' Digest (both editions); Shepard's Florida Citations; The Session Laws of Florida from 1822 to 1921, except from 1828 to 1834; McClellan's Digest and Duval's Compilation of the Laws of Florida; Revised Statutes of 1898, three sets of the General Statutes of 1906; two sets of Florida Compiled Laws of 1914; eight sets of the Revised General Statutes of Florida, 1920; Florida Cumulative Statutes, 1925; Reports of the Florida Railroad Commission, the Attorney General of Florida, the Interstate Commerce Commission, and the Land Decisions of the Department of the Interior; Federal Statutes Annotated; Thorpe's American Charters, Constitutions and Organic Laws; Hinds' Precedents of the House

of Representatives; the Northwestern, Southwestern, Northeastern, Southeastern, Atlantic, Pacific, and Southern Reporters; the American Decisions, American Reports, and American State Reports, with digests; the American Annotated Cases, with digests; the American and English Annotated Cases, with digests; the Lawyers' Reports Annotated, old and new series, with digests; American Annotated Cases; American Law Reports; American Criminal Reports; the United States Supreme Court Reports, with digests; Rose's Notes; Federal Cases; Federal Reporter; Shepard's Federal, Florida, and Southern Citations; Stimson's American Statute Laws; the State Reports to the Reporters of Alabama, Arkansas, Connecticut, Delaware, Georgia, Illinois, Indiana, Iowa, Kentucky, Louisiana, Maine, Maryland, Massachusetts, Michigan, Minnesota, Mississippi, Missouri, Nebraska, New Hampshire, New Jersey, North Carolina, Ohio, Pennsylvania, Rhode Island, South Carolina, Tennessee, Texas, Vermont, Virginia, West Virginia and Wisconsin; the District of Columbia Appeal Reports; the Porto Rico Federal Reports; the Hawaii Reports; the New York Court of Appeals Reports; the New York Common Law and Chancery Reports, with digests; the New York Supplement; the New York Supreme Court, Practice and Code, Surrogate, Superior Court, Common Pleas, and Criminal Reports; the Pacific State Reports, with digests, which include the California Reports, the Colorado Supreme Reports, the Colorado Appeals, the Idaho Reports, the Kansas Reports, the Montana Reports, the Nevada Reports, the New Mexico Reports, the Oregon Reports, the Utah Reports, the Washington Reports, and the Wyoming Reports to the Reporters; the Alaska Reports; the Reprint of the English Reports; the English Law Reports; Law Journal Reports; the British Ruling Cases, The English Ruling Cases; Dominion Law Reports; Mew's English Digest; English and Empire Digest; Halsbury's Laws of England; Upper Canada Reports; the Century, the Decennial, the Second Decennial, and the Key Number Digests; the Encyclopedia of Law and Procedure; Corpus Juris; the Encyclopedia of Forms; the Standard Encyclopedia of Procedure; two sets of Ruling Case Law; Words and Phrases; the Harvard, Pennsylvania, Columbia and Michigan Law Reviews, the Central Law Journal and Yale Law Journal; more than one hundred selected volumes for the class in Brief Making and the use of Law Books; and more than four hundred of the leading textbooks and books of reference.

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 of the University, which contains many works of interest and information to lawyers.

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.

**MARSHALL DEBATING SOCIETY**—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 was fittingly named "The Marshall Debating Society", in honor of the memory of the distinguished Southern jurist, John Marshall. Membership and work in the society are limited to students in the College of Law, but the Faculty give all possible assistance and encouragement.

UNIVERSITY PRIVILEGES—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, and English are particularly recommended.

DEGREES—The degree of Bachelor of Laws (LL.B.) will be conferred upon those who satisfactorily complete eighty-five semester hours in law studies, 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 graduate is in actual residence during all of the third year and obtains in this College credit for at least twenty-eight semester hours in law.

Students who have complied with all the requirements for the degree of Bachelor of Laws (LL.B.), who have maintained an average standing in their law studies 10 percent above the passing mark, 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—See page 63.

COMBINED BUSINESS AND LAW COURSE—See page 122.

EXPENSES—A tuition fee of \$20.00 per semester, payable in advance is charged all law students, except those taking less than eleven hours of work, who are charged a proportional part of the full tuition. An additional fee of \$100.00 is charged non-resident students. The cost of books for the first year will approximate \$60.00; for the second, \$65-\$75, depending on the electives taken; for the third, \$63.00. Students are urged to provide themselves with the statutes of their own state and a law dictionary. These books will form a nucleus for the student's future library; and by the purchase of second-hand books the cost may be materially reduced. See also pages 42-45.

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. They also are admitted without examination to the United States District Court for the Northern District of Florida.

## COURSES OF STUDY

For description of courses offered by the College of Law, see Departments of Instruction section.



## TEACHERS COLLEGE

J. W. NORMAN, *Dean*

G. B. SIMMONS, *Assistant Dean*

### GENERAL STATEMENT

**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 Arts and Science subjects.

**ADMISSION**—For a complete explanation of admission requirements, see page 54.

**RESIDENCE REQUIREMENT**—In order to receive a degree, or Normal Diploma, from Teachers College, students must have spent at least one scholastic year in residence (three summer schools may be considered equivalent to a year in residence), and must have completed 30 credits of college work in residence. These 30 credits, except on one condition, must be the last which one takes immediately prior to graduation. The exception is the case of students who take their degrees by attendance at the Summer School, in which case 12, but never more, credits of work by correspondence may be taken during the ten (10) months just prior to the summer session in which the degree is received. In every case, students must have completed 30 credits of work in residence and must have been in attendance at the summer session or scholastic term immediately prior to receiving the degree.

**AMOUNT OF CORRESPONDENCE WORK PERMITTED**—Students are not permitted to complete more than fifty percent (50%) of the work toward a degree by correspondence.

Correspondence study courses may not at any time be offered to satisfy the residence requirements.

Students will not be permitted to take work by correspondence while they are in residence, without the consent of the Dean of Teachers College.

**VOCATIONAL EDUCATION**—By act of the Legislature of 1917 the University was designated as the institution, under the Smith-Hughes Act, for training teachers for Agriculture and for Trades and Industries. A curriculum for Agricultural Education has been outlined. It is hoped that a large number of students will register for these courses, as many teachers of these subjects are needed in Florida at present and good salaries are paid.

**PEABODY HALL**—A description of Peabody Hall, the home of the College, is to be found on page 33.

**PEABODY CLUB**—This club meets once a week to discuss educational problems, especially those that confront the young teacher. It also brings out the advantages of holding teachers' meetings and conferences. All students of the College are urged to become members and to take an active interest.

**SCHOLARSHIPS**—The Legislature in 1923, enacted a scholarship law providing for two scholarships from each county in the State, one to the Teachers College of the University of Florida, and one to the School of Education at the Florida State College for Women. At the 1927 session of the Legislature, this Act was amended to provide as many scholarships as there are legislators and senators in the State Legislature. Each of these scholarships may be held for four years by the successful applicant and carries a stipend of \$200.00 per year. These scholarships may be applied for summer school, paying \$50.00 per summer, to regularly enrolled Teachers College students. Examinations are held in each county on the first Thursday in June and the third Thursday in September, under the supervision of the county superintendent. A student to be considered as an applicant for a scholarship must present sixteen college entrance units. These scholarships are awarded upon competitive examinations to persons satisfying the entrance requirements of the University of Florida and of the Florida State College for Women. A student who desires to be considered as an applicant for a scholarship should make his desire known to his county superintendent before the first of May of each year. He should also write to the State Superintendent of Public Instruction at Tallahassee, telling him of his application for the scholarship.

TEACHING FELLOWSHIPS—For a complete statement about teaching fellowships, see page 46.

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.

TEACHERS EMPLOYMENT BUREAU—The Teachers College desires to serve the whole state in every possible way. For this purpose a Teachers' Employment Bureau has been instituted and is open throughout the year. From school officials it receives requests for teachers. From teachers it receives requests for information as to vacancies. It files such information and tries, when called upon, to meet the needs of both teachers and school officials. To be of greatest service it invites the cooperation of superintendents, principals, and teachers. Officials needing trained men or women, and teachers desiring promotion or change, are asked to call upon the Bureau for its aid. No charges are made for services. For information, address Director of the Employment Bureau, or Dean of Teachers College, University of Florida, Gainesville, Florida.

STATE CERTIFICATES—Graduates of the Teachers College are granted Graduate State Certificates without further examinations. It is well for the student to note that a Graduate State Certificate permits him to teach only those subjects in which he has specialized in his college course. This will ordinarily mean that a subject must have been pursued for at least two years in college before a certificate to teach that subject will be granted. In case a student has pursued a subject for three or four years in high school, however, this rule may sometimes be abrogated.

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."

DEGREES—Four bachelor degrees are granted upon the completion of four years of college work. They are: Bachelor of Arts in Education, Bachelor of Science in Education, Bachelor of Science in Agricultural Education, and Bachelor of Science in Physical Education. In addition the Normal Diploma, sometimes called the L. I. Degree, is granted upon the completion of the two years of required work for this degree.

## REQUIREMENTS FOR THE DEGREE OF BACHELOR OF ARTS IN EDUCATION AND BACHELOR OF SCIENCE IN EDUCATION

One hundred and thirty-two (132) credits are required for either the Bachelor of Arts in Education or the Bachelor of Science in Education. These credits consist of the following divisions:

- (1) Constants which are required of all applicants for these degrees;
- (2) Group requirements, among which the student has considerable choice;
- (3) Free electives.

**CONSTANTS**—In further explanation of the first of these divisions the following constants are required of applicants for these two degrees:

*For Freshmen:*

Physical Education 101-102 .....	2 credits
*Military Science 101-102 .....	4 "
English 101-102 .....	6 "
Education 101 .....	3 "
Education 102	} .....
or	
Education 103	
	3 "

*For Sophomores:*

*Military Science 201-202 .....	4 "
Philosophy 201 .....	3 "
Education 203 .....	3 "
Education 207 .....	3 "

*For Juniors:*

Education 301 .....	3 "
Education 308 .....	3 "

*For Seniors:*

Education 401 .....	3 "
Education 403 .....	3 "
Education 405 .....	3 "
**Education 404 .....	3 "
**Education 408 .....	3 "

**GROUPS**—In addition to the constants, each applicant for the degree of Bachelor of Arts in Education must complete the required courses in two of the following groups, one of which must be Group A, B, or C; and each applicant for the degree of Bachelor of Science in Education must select Group E and one other, completing the required courses in these two groups. (For the alternative curriculum for those specializing in Physical Education, see page 105.)

\*Students who are more than twenty-one (21) years of age at date of original entry to the University may be exempt from Military Science. All such students must, however, take eight (8) credits in other subjects as substitutes for Military Science 101-102 and 201-202.

\*\*Required of all students who expect to be principals.

A—Ancient Language Group		B—Modern Language Group		
Latin 101-102	} 18 credits	French 21-22	} } 18 credits	
Latin 201-202		French 101-102		
Latin 203-204		French 201-202		
		or		
		Span. 21-22		
		Span. 101-102		
		Span. 3rd year		
		or		
		German 21-22		
		German 101-102		
		German 201-202		
C—English Group		D—Mathematics Group		
English 101-102	} } 34 credits	Math. 101-102	} 18 credits	
English 103-104		Math. 231		
English 201-202		Math. 251-252		
English 301-302		Math. 364		
and				
Foreign Lang., 6				
credits				
and				
English or For-				
ign Language,				
6 credits				
E—Natural Science Group	F—Social Science Group	G—Commercial Education		
Biol. 101	} } 36 credits	Bus. Ad. 81-82	} } 29 credits	
Bot. 101-102		History 101-102		
Biol. 106		History 301-302		
Chem. 101-102		History 303-304		
Phys. 203-204		Soc. 6 credits		
		Econ. 201-202		
	Pol. Sci. 101-102	Bus. Ad. 103-104		
		Bus. Ad. 211-212		
		Bus. Ad. 401-402		
		Econ. 101-102		
		English 355		

**FREE ELECTIVES**—The student may choose his elective subjects as he wishes, but is advised to elect subjects as closely correlated with his Group requirements as possible.

### REQUIREMENTS FOR THE NORMAL DIPLOMA

The Normal Diploma, sometimes called the L. I. Degree, is awarded to those students who shall have completed certain constants and group requirements. Except for students who are exempt from Military Science, there is little if any opportunity for free electives in the requirements for the Normal Diploma.

The constant requirements for the Diploma are as follows:

#### CONSTANTS

##### *For Freshmen:*

Physical Education 101-102 .....	2 credits
Military Science 101-102 .....	4 "
English 101-102 .....	6 "
Education 101 .....	3 "
Education 102 } .....	3 "
or Education 103 } .....	

##### *For Sophomores:*

Philosophy 201 .....	3 "
Education 203 .....	3 "
Education 207 .....	3 "
Education 405 .....	3 "

GROUP REQUIREMENTS—Twelve credits from each of three subjects included in the Groups given on page 103, must be completed.

A total of 66 credits is required for this diploma.

## CURRICULUM IN PHYSICAL EDUCATION

Leading to degree of Bachelor of Science in Physical Education\*  
For those specializing in Physical Education and Coaching

<i>Freshman Year</i>			
<i>First Semester</i>	<i>Credit</i>	<i>Second Semester</i>	<i>Credit</i>
English 101 .....	3	English 102 .....	3
Biology 101 .....	5	Biology 107 .....	5
Select One Group .....	3	Continue One Group .....	3
Military Science 101 .....	2	Military Science 102 .....	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	—
	—		—
	17		17
<i>Sophomore Year</i>			
Education 101 .....	3	Education 0103 .....	3
Continue Group Selected .....	5	English 202 .....	3
Military Science 201 .....	2	Continue Group Selected .....	5
English 201 .....	3	Military Science 202 .....	2
Phys. Educ. 231, First Aid & Train- ing .....	1	Phys. Educ. 232, First Aid & Condi- tioning .....	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		—
	—		—
	17		17
<i>Junior Year</i>			
Education 301 .....	3	Sociology 102 .....	3
Philosophy 201 .....	3	Education 0207 .....	3
Journalism 311, Sports Writing .....	3	Phys. Educ. 372, Organ. & Admin. of Ath. ....	1
Phys. Educ. 341, Programs .....	1	Phys. Educ. 362, Phys. Diagonosis & Corrective Gym. ....	3
Phys. Educ. 351, Intramurals .....	2	Coaching 344, Baseball .....	3
Coaching 301, Football (1st half sem.) .....	1	Coaching 32, Coaching & Officiating	2
Coaching 302, Basketball (2nd half sem.) .....	1	Elective .....	1
Sociology 332, Public Health .....	2		—
	—		—
	16		16
<i>Senior Year</i>			
Education 405 .....	3	Education 0401 or 408 .....	3
Phil. 405, Physical & Mental Tests... 3	3	Psychology of Athletics .....	3
Phys. Educ. 431, Community Recrea- tion and Playgrounds .....	1	Phys. Educ. 422, Athletic & Gymna- sium Construction and Equipment	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		—
	—		—
	16		16

\*Students who elect Group E may take the degree of Bachelor of Science in Education if they prefer.

## THE CURRICULUM IN AGRICULTURAL EDUCATION

Leading to the Degree of Bachelor of Science in Agricultural Education

### Freshman Year

<i>First Semester</i>		<i>Second Semester</i>	
NAMES OF COURSES	CREDITS	NAMES OF COURSES	CREDITS
English 101 .....	3	English 102 .....	3
Botany 101 .....	4	Botany 102 .....	4
Chemistry 101 .....	5	Chemistry 102 .....	5
Horticulture 101 .....	3	Education 0101 .....	3
Military Science 101 .....	2	Military Science 102 .....	2
Physical Education 101 .....	1	Physical Education 102 .....	1
	18		18

### Sophomore Year

Physics 201 .....	3	Physics 202 .....	3
Biology 101 .....	5	Chemistry 254 .....	4
Agronomy 201 .....	3	Agricultural Engineering 202 .....	4
Education 207 .....	3	Poultry Husbandry 202 .....	3
Elective in Agriculture .....	2	Animal Husbandry 102 .....	3
Military Science 201 .....	2	Military Science 202 .....	2
Physical Education 201 .....	1	Physical Education 202 .....	1
	19		20

### Junior Year

Agricultural Engineering 303 .....	3	Agronomy 302 .....	3
Agronomy 301 .....	5	Education 306 .....	3
Education 303 .....	3	Education 304 .....	3
Political Science 101 .....	3	Veterinary Science 302 .....	2
Electives .....	3	Entomology 302 .....	4
		Political Science 102 .....	3
	17		18

### Senior Year

Plant Pathology 301 .....	4	Agricultural Economics 306 .....	3
Education 409 .....	3	Agricultural Economics 308 .....	3
Education 401 .....	3	Journalism 316 .....	3
Electives in Agriculture .....	5	Education 410 .....	3
		Electives in Agriculture .....	3
	15		15

## COURSES OF STUDY

For description of courses offered by the Teachers College, see Departments of Instruction section.



## UNIVERSITY SUMMER SCHOOL

(CO-EDUCATIONAL)

JUNE 10-AUGUST 2, 1929

### GENERAL STATEMENT

The University Summer School was provided for by the "Summer School Act" passed by the Legislature of 1913. It is co-educational and maintained primarily for the benefit of the teachers of the state, but other courses are offered.

The entire equipment of the University is at the service of the faculty and students. Ample provision is made for intellectual recreation and physical exercise. The Peabody Literary Society meets weekly; lectures or concerts are given frequently; the gymnasium, baseball grounds, and tennis courts are at the disposition of the students, and instructors are at hand to direct athletic activities.

**REGULATIONS**—To fulfill its highest mission the Summer School should not be utilized merely for the purpose of "cramming" for examinations. It is therefore hoped that all teachers will recognize the wisdom of the Summer School Board in establishing the following regulations:

1. No teacher will be allowed to take more than twenty hours per week.
2. No teacher will take less than five hours per week of professional work.

**CREDIT FOR WORK**—Attention is directed to the following sections of the "Summer School Act":

Sec. 5.—"All work conducted at the said Summer Schools shall be of such character as to entitle the students doing the same to collegiate, normal, or professional credit therefor, and may be applied towards making a degree."

In order to carry out the spirit of this provision, the University allows, under restrictions, a maximum of nine credit hours for work done at any one session of the Summer School. Attendance at three summer sessions satisfies the residence requirements for securing a Normal Diploma or an undergraduate degree from the Teachers College. For an advanced degree four sessions are required. By combining credits gained at the Summer School with those gained in the General Extension Division of the University, it is possible for a teacher to secure a certificate or a degree without losing a prohibitive amount of time from his work. Certificates and degrees secured in this way are awarded, when so desired, on the last day of a session of the Summer School.

Sec. 6.—“All teachers attending any of the Summer Schools herein created and whose work entitles them to credit therefor, upon making proof of the same to the State Superintendent of Public Instruction, are hereby entitled to one year’s extension on any Florida teacher’s certificate they may hold and which has not fully expired, and such certificate may be extended one year for each succeeding session attended by the said teacher.”

Certificates of credit making proof of the work done will be granted by the State Superintendent only to those teachers who attend the full term and whose work is satisfactory.

**EXPENSES**—There is no charge for tuition. Board and lodging (including lights, but not pillows, bed linen, or towels) will be offered at \$21.00 for half term, or \$40.00 for the entire session of eight weeks; board without lodging at \$17.00 per half term or \$32.00 per session. Children under eight years of age will not be admitted to the dormitories, but may dine with their parents in the Commons at \$16.00 for the term or \$9.00 for the half term. Children above eight, full charge. All accounts are payable in advance.

### COURSES OF STUDY

The courses given during the session of 1929 were fully described in the Summer School Bulletin of that year and were, furthermore, for the most part very similar in character to the corresponding ones of the Teachers College. In view of these facts, and inasmuch as a detailed program for the session of 1929 was published separately, it is thought unnecessary here to make more than mere mention of the courses in question. The work to be offered in the Summer School of 1929 will be divided into five separate and distinct groups, each serving a specific purpose:

1. **REVIEW COURSES** in all subjects required for teachers’ certificates.
2. **PROFESSIONAL COURSES** meeting the requirements for the extension of teachers’ certificates without examination.
3. **NORMAL COURSES** leading to the normal diploma.
4. **COLLEGE COURSES** leading to standard bachelor’s degrees.
5. **GRADUATE COURSES** leading to advanced degrees.

A complete catalog of all the work of the Summer School will be issued. For reservation of rooms and other information address Dr. J. W. Norman, Dean, Gainesville, Fla.

## COLLEGE OF PHARMACY

TOWNES RANDOLPH LEIGH, *Dean*

### GENERAL STATEMENT

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.

**DEGREES AND CURRICULA**—Two undergraduate degrees are given in pharmacy. 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 Phar.) 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.

The degree of Master of Science in Pharmacy (M.S. in Phar.) is given under the supervision of the Graduate School of the University.

**STANDARD OF WORK**—All work offered in the College of Pharmacy meets the highest requirements of pharmaceutical instruction in this country. As an associate 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 in excess of this minimum.

**METHODS OF INSTRUCTION**—Lecture and recitation periods are fifty-five minutes in length, laboratory periods, two or three hours, depending upon the character of the work.

**REGISTRATION AND RECIPROCITY**—Before any person is permitted to practice pharmacy in the State of Florida, he is required to become a registered pharmacist, which registration is secured by examination or by reciprocity. Every applicant applying to the Florida State Board of Pharmacy for examination must submit 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.

"The applicant shall furnish a certificate in writing that he is over the age of twenty-one years.

"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 a membership in the American Conference of Pharmaceutical Faculties provided that a diploma of any other school or college of pharmacy not a member of said American Conference of Pharmaceutical Faculties 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 Conference of Pharmaceutical Faculties shall be recognized by this Board as a diploma sufficient to entitle the applicant to be examined by this 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 Laws of Florida, etc."

Further information concerning registration in Florida may be obtained by writing to 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**—The College of Pharmacy is housed in the new Chemistry-Pharmacy Hall, one of the most modern laboratories in the South. The laboratories of the College of Pharmacy are especially well provided with all equipment required by students for elementary work as well as for advanced work and scientific investigation.

The drug garden, covering some ten acres, is used for the cultivation and study of all medicinal plants which occur in Florida or may be grown here. Thus it is possible for students to become familiar with the appearance and properties of drug plants from the growing state until they are prepared and compounded into prescriptions.

**ENTRANCE REQUIREMENTS**—Each student is expected to be in attendance on the day scheduled for registration. By permission of the Dean and of all instructors concerned, and on payment of a special fee, a student may be allowed to enter subsequent to this date, but in no case will he be admitted after the first two weeks of any semester.

Although it is often possible by special arrangement for a beginning student to enter the College at the commencement of the second semester, such arrangement is rarely satisfactory, as very few beginning courses are started at that time. It is therefore urged that such students enter only at the beginning of the first semester.

Drug store experience is not required for entrance into the College of Pharmacy. Such experience is very desirable, however, since many states require a certain amount of experience before registration can be granted.

A student registered for one or more laboratory courses in the Department of Pharmacy is required to present a card indicating that he has deposited \$5.00 with the Auditor to cover laboratory breakage. Upon return of the apparatus at the end of the course, the student receives a refund.

For General Entrance Requirements see page 54.

**RHO CHI HONORARY FRATERNITY**—Rho Chi is the only National Honorary Pharmaceutical Fraternity in existence at the present time. Chapters are established only at colleges that are members in good standing of the American Association of Colleges of Pharmacy. Iota Chapter was established at Florida in 1928.

Membership is based primarily on scholastic ability as indicated by average percentage of grade, participation in student activities and general gentlemanly qualities. All candidates for membership must have completed at least sixty hours of scholastic work and be recommended by the dean or secretary of the pharmacy faculty.

**MORTAR AND PESTLE SOCIETY**—The Mortar and Pestle Society is an organization maintained by the student body of the College of Pharmacy. Its monthly meetings are devoted to general discussions or to addresses by state and national leaders of the profession.

### THE THREE-YEAR CURRICULUM

Leading to the Degree of Graduate in Pharmacy

<i>First Semester</i>		<i>Second Semester</i>	
NAMES OF COURSES	CREDITS	NAMES OF COURSES	CREDITS
<i>First Year</i>			
English 101 .....	3	English 102 .....	3
Botany 101 .....	4	Botany 102 .....	4
Chemistry 101 .....	5	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
<i>Second Year</i>			
Chemistry 251 .....	5	Chemistry 252 .....	5
Biology 105 .....	2	Chemistry 304 .....	2
Pharmacognosy 221 .....	3	Pharmacognosy 222 .....	3
Pharmacy 211 .....	5	Pharmacy 222 .....	5
Military Science 201 .....	2	Military Science 202 .....	2
Physical Education 201 .....	1	Physical Education 202 .....	1
	18		18
<i>Third Year</i>			
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.

### Senior Year

First Semester		Second Semester	
NAMES OF COURSES	CREDITS	NAMES OF COURSES	CREDITS
<i>Commercial Pharmacy Major</i>			
Pharmacy 471 .....	2	Pharmacy 472 .....	2
Pharmacy 491 .....	2	Pharmacy 492 .....	2
Business Administration 211 .....	3	Business Administration 212 .....	3
Business Administration 331 .....	3	Business Administration 332 .....	3
French, German or Spanish .....	3	French, German, or Spanish .....	3
Business Administration 401 } .....	3	Business Administration 402 } .....	3
Or Approved Elective }		Or Approved Elective }	
	16		16
<i>Pharmaceutical Chemistry Major</i>			
Pharmacy 451 .....	5	Chemistry 406 .....	3
Pharmacy 431 .....	3	Pharmacy 432 .....	3
Pharmacy 492, or Approved Elective	2	Pharmacy 492, or Approved Elective	2
French or German .....	3	French or German .....	3
Approved Electives .....	3	Approved Electives .....	5
	16		16
<i>Pharmacognosy Major</i>			
Pharmacognosy 423 .....	4	Pharmacognosy 424 .....	4
*Pharmacognosy 435 .....	4	Pharmacognosy 436 .....	4
Pharmacognosy 491 .....	2	Pharmacognosy 492 .....	2
French or German .....	3	French or German .....	3
Approved Electives outside Dept.....	3	Approved Elective outside Dept.....	3
	16		16
<i>Pharmacology Major</i>			
Pharmacology 451 .....	4	Pharmacology 452 .....	4
Pharmacology 455 .....	4	Pharmacology 456 .....	4
Pharmacology 491 .....	2	Pharmacology 492 .....	2
French or German .....	3	French or German .....	3
Approved Elective outside Dept.....	3	Approved Elective outside Dept.....	3
	16		16

\*Pharmacognosy 231-232 may be substituted if student has not already completed this course.

## COURSES OF STUDY

For description of courses offered by the College of Pharmacy, see Departments of Instruction section.

## COLLEGE OF COMMERCE AND JOURNALISM

WALTER J. MATHERLY, *Dean*

### GENERAL STATEMENT

The College of Commerce and Journalism was established as the School of Business Administration and Journalism in 1925. For the first year it operated under the College of Arts and Sciences with the Dean of that College in charge. Beginning with the first semester of 1926 a special director was appointed and the School began to operate as a unit separate and distinct from the College of Arts and Sciences. In the Spring of 1927 the Board of Control created the College of Commerce and Journalism out of this unit with a dean and faculty of its own and made it co-equal in every respect with the other colleges of the University.

The College of Commerce and Journalism offers instruction in two distinct fields of professional or semi-professional effort:

I. Business Administration

II. Journalism

Instruction in Business Administration is designed to provide scientific analysis of the basic principles of business. Its purposes are *to prepare students—to become business executives; to assume the increasing responsibilities of business ownership; and to act in the capacity of business specialists.* Expressed more specifically, its aims are to provide familiarity with the fundamental elements of business management; to develop facility in the use of quantitative instruments in the determination of business policies and in the solution of business problems; and to assure recognition of the larger relationships between business leadership and social well-being.

Instruction in Journalism proceeds upon the theory that the press is a public utility and that the increasing appreciation of its functions as an educational agency creates a demand for thorough preparation, ethically as well as educationally, for journalistic endeavor. The makers of modern newspapers and periodicals require knowledge of comprehensive and far-reaching character. They are compelled to deal with almost every phase of modern life and civilization. Those who would participate in journalistic activities as purveyors of news, as creators of public opinion, or as owners or managers of newspaper properties, must be trained—



in English, history, economics, business management, sociology, government, and so on, as well as in the technique of journalistic procedure. The purpose of university instruction in journalism is to accomplish, if possible, these difficult objectives.

**SPECIAL REGISTRATION FEE**—The Board of Control has authorized a special registration fee of ten (\$10.00) dollars for *all regular students* registered in the College of Commerce and Journalism, and a fee of one (\$1.00) dollar per semester-hour for *all other students* taking the following courses: all courses in Journalism, except Journalism 316; all courses in Business Administration not marked E. For details of expenses see pages 42-45.

**MINIMUM AND MAXIMUM HOURS**—The student must take at least fourteen hours of work, and in general will not be permitted to take more than nineteen; but if in the preceding semester he has attained an honor point average of 2 or more and has not failed in any subject he may be permitted to take as many as twenty hours, and if he has attained an honor point average of 2.5 with no failures he may be permitted to take as many as twenty-three hours.

## STUDENT ORGANIZATIONS

**Commerce Club**—This club was founded in 1924 by a group of students majoring in economics and business administration. Meetings are held fortnightly 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.

**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 nineteen.

**Pi Delta Epsilon**—Pi Delta Epsilon is a national honorary collegiate journalistic fraternity. It was founded at Syracuse University in 1909. It is the oldest non-professional journalism fraternity in America.

Pi Delta Epsilon has as its aim and purpose the stimulating of interest in college journalism, and the raising of the standards of college publications. The University of Florida chapter of Pi Delta Epsilon fraternity was installed on Thanksgiving day, 1926, at Jacksonville. The chapter has a roll of eighteen active members and four honorary members. The fraternity includes among its members the heads of every official publication on the campus, and is already exerting considerable influence upon campus journalism.

*Beta Sigma*—This is a local honorary commerce fraternity. It was organized in January, 1927. Its purpose is to foster high standards of scholarship in the College of Commerce and Journalism. Members are chosen from the fifteen percent ranking highest in scholarship in the Junior and Senior classes. Plans are under way to petition one of the large national honorary fraternities in this field.

*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.

### AWARDS AND MEDALS

Mr. Edward W. Lane, one of the outstanding bankers of Florida, a member of the Board of Control and President of the Atlantic National Bank of Jacksonville, offers a gold medal each year in the College of Commerce and Journalism to that member of the Senior Class in business administration who is best equipped for the profession of banking. The winner of this medal is also given a position in the Atlantic National Bank upon his graduation from the College of Commerce and Journalism.

The Dean of the College of Commerce and Journalism offers a gold medal every year to that member of the Senior class in business administration who possesses in the greatest degree the following personal and mental qualities: *initiative, personality, reliability, soundness of judgment, industry, cooperation and native ability*. This medal is awarded by the Faculty of the College through the use of rating scales. Every Senior is rated in these qualities by the Faculty and that Senior rating the highest is awarded the medal.

## 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.

## GRADUATE STUDY

The College of Commerce and Journalism under the jurisdiction of the Graduate School of the University offers 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.

## ASSISTANTSHIPS AND FELLOWSHIPS

The College of Commerce and Journalism has made provisions for two graduate assistantships each year carrying a stipend of \$400 each. For undergraduates there are two student assistantships paying \$200 each. The American Bankers' Association Foundation for Education in Economics offers one annual loan scholarship amounting to \$250. Students must have an honor-point average of two or more to apply for and hold any of these fellowships or assistantships. Those interested apply to the Dean before March 1st of each year.

## DEGREES

Two undergraduate degrees are given in the College of Commerce and Journalism; Bachelor of Science in Business Administration, Bachelor of Science in Journalism.

For each of the degrees offered a total of one hundred and thirty-four credits are required of which ten credits are non-academic.

## THE CURRICULUM IN BUSINESS ADMINISTRATION

In developing the curriculum in Business Administration, the College has proceeded upon the basis of the outstanding functions of business. Courses have been developed more with reference to the major relationships of the modern business manager than with reference to particular types of business. These relationships, as developed by one

American university, may be sub-summed under the following heads: (1) Relationship to physical and social environment, (2) relationship to finance, (3) relationship to marketing, (4) relationship to production, (5) relationship to personnel, (6) relationship to transportation and communication, (7) relationship to accounting and statistical measurements, and (8) relationship to risk. Careful study of the curriculum will show how these various relationships are considered.

The curriculum in Business Administration contains both cultural 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, with one or two exceptions, are concerned with courses directly in the field of business administration. These required courses in business administration are courses of a pervasive character and are designed to acquaint the student with the underlying principles of business organization and operation rather than with the specific problems of specific business enterprises.

## CURRICULUM

Leading to the Degree of Bachelor of Science in Business Administration.

<i>First Semester</i>		<i>Second Semester</i>	
NAMES OF COURSES	CREDITS	NAMES OF COURSES	CREDITS
<i>Freshman Year</i>			
Business Administration 103.....	3	Business Administration 104.....	3
English 101 .....	3	English 102 .....	3
Mathematics 101 .....	3	Mathematics 108 .....	3
Foreign Language .....	3	Foreign Language .....	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
<i>Sophomore Year</i>			
Business Administration 211.....	3	Business Administration 212 .....	3
Business Administration 201E.....	3	Business Administration 202E.....	3
*Foreign Language .....	3	Foreign Language .....	3
**Laboratory Science .....	5	Laboratory Science .....	5
Military Science 201 .....	2	Military Science 202 .....	2
	16		16
<i>Junior Year</i>			
Political Science 101 .....	3	Political Science 102 .....	3
Philosophy 201 .....	3	Philosophy 206 .....	3
Business Administration 321E.....	3	Business Administration 302E.....	3
Business Administration 355.....	3	Business Administration 322.....	3
Business Administration 341.....	2	Business Administration 372.....	2
Approved Elective .....	3	Approved Elective .....	3
	17		17
<i>Senior Year</i>			
Business Administration 351E.....	3	Business Administration 0431.....	3
Business Administration 401.....	3	Business Administration 402 .....	3
Business Administration 409 .....	2	Business Administration 410 .....	2
Approved Electives .....	8	Approved Electives .....	8
	16		16

\*Continuation of course begun in Freshman year.

\*\*Physics, Chemistry, or Biology.

## PROFESSIONAL SPECIALIZATION IN BUSINESS

In addition to the required courses in business administration, the student is offered an opportunity to specialize in certain professional fields of business by the choice of electives. If he desires, for example, to specialize in marketing with the idea of becoming a sales manager, he may be permitted to take for his electives in the Junior year, two of the required courses, or six semester hours listed in the Senior year. This will enable him to elect twenty semester hours in his Senior year. If a student wants to specialize in accounting, he may take his electives of six semester hours in accounting in his Junior year, and in his Senior year elect fourteen semester hours in accounting and allied courses.

In order that electives may be chosen in such a way as to constitute a coherent and comprehensive whole rather than as a scattered and unrelated series, suggested types of professional specialization are set forth below and the electives which should be pursued under each type are specified. Every student is expected at the beginning of his junior year to select the group of electives under that particular field of professional specialization which best fits his needs and desires and adhere to that group. No changes will be allowed without the approval of the Dean.

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### I. GENERAL BUSINESS

Business Administration	469-470	.....	Business Forecasting
Business Administration	331	.....	Principles of Salesmanship
Business Administration	422	.....	Investments
Business Administration	311-312	.....	Advanced Accounting
Business Administration	404	.....	Social Control of Business Enterprise

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### II. ACCOUNTING

Business Administration	311-312	.....	Advanced Accounting
Business Administration	411	.....	Cost Accounting
Business Administration	414	.....	Income Tax Procedure
Business Administration	422	.....	Investments
Business Administration	412	.....	Auditing
Business Administration	413	.....	Advanced Accounting

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### III. MARKETING

Business Administration	432	.....	Market Management
Business Administration	331	.....	Principles of Salesmanship
Business Administration	332	.....	Retail Store Management
Business Administration	433	.....	Advertising
Business Administration	434	.....	Advanced Advertising
Business Administration	435E	.....	International Trade
Business Administration	436	.....	Foreign Trade Technique
Business Administration	and		
Business Administration	352	.....	Ocean Transportation
Business Administration	or		
Business Administration	438E	.....	Trade Horizons in Latin America

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## IV. BANKING AND FINANCE

Business Administration	422.....	Investments
Business Administration	423.....	Banking
Business Administration	424E.....	Money
Business Administration	429E.....	Government Finance
Business Administration	469-470.....	Business Forecasting
Business Administration	404E.....	Social Control of Business Enterprise

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## V. PRODUCTION MANAGEMENT

Business Administration	473E.....	Labor Problems
Business Administration	469-470.....	Business Forecasting
Business Administration	411.....	Cost Accounting
Business Administration	432 .....	Market Management
Business Administration	422.....	Investments
Journalism	318 .....	Newspaper Management

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## VI. TRANSPORTATION AND COMMUNICATION

Business Administration	352E.....	Ocean Transportation
Business Administration	469-470.....	Business Forecasting
Business Administration	432 .....	Market Management
Business Administration	311-312 .....	Advanced Accounting
Business Administration	473E.....	Labor Problems
Business Administration	435E.....	Principles of International Trade

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## VII. RISK-BEARING AND INSURANCE

Business Administration	361 .....	Property Insurance: Fire and Marine
Business Administration	362 .....	Property Insurance: Bond, Title and Casualty
Business Administration	461 .....	Life Insurance
Business Administration	469-470.....	Business Forecasting
Business Administration	331 .....	Principles of Salesmanship
Business Administration	422 .....	Investments

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## VIII. PERSONNEL MANAGEMENT

Business Administration	469-470.....	Business Forecasting
Business Administration	473E.....	Labor Problems
Philosophy	405 .....	Psychological Tests
Sociology	323 .....	Social Pathology
Sociology	424 .....	Community Organization
Sociology	441 .....	Principles of Sociology

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## IX. FOREIGN TRADE AND CONSULAR SERVICE

Business Administration	352E .....	Ocean Transportation
Business Administration	436.....	Foreign Trade Technique
Political Science	303-304.....	International Law
Business Administration	438E .....	Trade Horizons in Latin America
Business Administration	435E .....	Principles of International Trade
Business Administration	381E .....	Economic Geography of North America
or		
Business Administration	383E .....	Economic Geography of Northwest Europe

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## CURRICULUM

Leading to the Degree of Bachelor of Science 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*.

<i>First Semester</i>		<i>Second Semester</i>	
NAMES OF COURSES	CREDITS	NAMES OF COURSES	CREDITS
<i>Freshman Year</i>			
English 101 .....	3	English 102 .....	3
Journalism 103 .....	3	Journalism 104 .....	3
Mathematics 101 .....	3	Business Administration 104 .....	3
Foreign Language .....	3	Foreign Language .....	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
<i>Sophomore Year</i>			
Business Administration 211.....	3	Business Administration 212.....	3
Business Administration 201E.....	3	Business Administration 202E .....	3
Foreign Language .....	3	Foreign Language .....	3
Laboratory Science .....	5	Laboratory Science .....	5
Military Science 201 .....	2	Military Science 202 .....	2
	16		16
<i>Junior Year</i>			
Political Science 101 .....	3	Political Science 102 .....	3
Philosophy 201 .....	3	Business Administration 322 .....	3
Business Administration 431E .....	3	Business Administration 404E.....	3
Business Administration 321E.....	3	Business Administration 410.....	2
Business Administration 409 .....	2	Business Administration 302E.....	3
Approved Electives** .....	4	Approved Electives** .....	4
	18		18

\*History 101-102 may be substituted for Business Administration 101E-102E.

\*\*Approved electives must be courses in Business Administration.



## 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 the most successful newspaper men. Courses have been developed in accordance with the major purpose of training students to become efficient newspaper workers.

The minimum number of credits required for the degree in Journalism is thirty-six. Beginning with an introductory course in the first year, the required courses in Journalism are scattered throughout the four years. Provision is made for eighteen credits of electives, four in the junior year, and fourteen in the senior year.

The curriculum contains the cultural courses necessary to provide a solid foundation for the professional courses. 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., Advertising, Financial Writing, Short Story Writing, Circulation Management, Newspaper Ownership and Management, and Agricultural Journalism. If the student desires to specialize, he must elect at the beginning of his junior year, with the approval of the Dean, the professional group which best fits his needs and desires and adhere to that group.

## CURRICULUM

Leading to the Degree of Bachelor of Science in Journalism.

<i>First Semester</i>		<i>Second Semester</i>	
NAMES OF COURSES	CREDITS	NAMES OF COURSES	CREDITS
<i>Freshman Year</i>			
Journalism 103 .....	3	Journalism 104 .....	3
English 101 .....	3	English 102 .....	3
Foreign Language .....	3	Foreign Language .....	3
Mathematics 101 .....	3	Sociology 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
<i>Sophomore Year</i>			
Journalism 205 .....	3	Journalism 206 .....	3
Foreign Language .....	3	Foreign Language .....	3
Laboratory Science 201 .....	5	Laboratory Science 202 .....	5
Business Administration 201E .....	3	Business Administration 202E .....	3
Military Science 201 .....	2	Military Science 202 .....	2
	16		16
<i>Junior Year</i>			
Journalism 301 .....	3	Journalism 302 .....	3
Journalism 309 .....	3	Journalism 310 .....	3
Journalism 313 .....	3	Journalism 318 .....	3
Political Science 101 .....	3	Political Science 102 .....	3
Philosophy 201 .....	3	English 204 .....	3
Approved Electives .....	2	Approved Electives .....	2
	17		17
<i>Senior Year</i>			
Journalism 407 .....	3	Journalism 409 .....	3
Sociology 441 .....	3	Journalism 404 .....	3
Political Science 205** .....	3	Political Science 206** .....	3
Approved Electives .....	7	Approved Electives .....	7
	16		16

\*History 101-102 may be substituted for Business Administration 101-102.

\*\*Political Science 305-306 may be substituted for Political Science 205-206.

## SUGGESTED TYPES OF PROFESSIONAL SPECIALIZATION

## I. ADVERTISING

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Journalism 403 .....	The Press in World Society
Business Administration 433.....	Advertising
Business Administration 434.....	Advanced Advertising
Business Administration 431E.....	Principles of Marketing
Philosophy 204 .....	Business Psychology
Journalism 405 .....	Industrial and Trade Journalism
Journalism 406 .....	Mechanics of Publishing

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## II. FINANCIAL WRITING

Journalism 314 .....	The Writing of Special Articles
Business Administration 321E.....	Financial Organization
Business Administration 322.....	Financial Management
Business Administration 422.....	Investments
Business Administration 423.....	Banking
Business Administration 424E.....	Money
Business Administration 429E.....	Government Finance

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## III. SHORT STORY WRITING

Journalism 314 .....	The Writing of Special Articles
Journalism 408 .....	Literary Criticism
English 203 .....	The Short Story
English 301 .....	Shakespeare and the Drama
English 403-404 .....	English Novel
English 406 .....	Modern Novel

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## IV. CIRCULATION MANAGEMENT

Journalism 315 .....	Community Newspaper Management
Journalism 405 .....	Industrial and Trade Journalism
Journalism 406 .....	Mechanics of Publishing
Journalism 403 .....	The Press in World Society
Business Administration 372 .....	Personnel Management
Business Administration 433.....	Advertising
Philosophy 204 .....	Business Psychology

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## V. NEWSPAPER OWNERSHIP AND MANAGEMENT

Journalism 315 .....	Community Newspaper Management
Journalism 406 .....	Mechanics of Publishing
Journalism 403 .....	The Press in World Society
Business Administration 341 .....	Production Management
Business Administration 422 .....	Investments
Business Administration 409-410 .....	Business Policy

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## VI. AGRICULTURAL JOURNALISM

Journalism 314 .....	The Writing of Special Articles
Journalism 315 .....	Community Newspaper Management
Journalism 316 .....	Agricultural News Writing
Journalism 405 .....	Industrial and Trade Journalism
Journalism 406 .....	Mechanics of Publishing
Journalism 403 .....	The Press in World Society
Agricultural Economics 301 .....	Fundamental Principles

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## COURSES OF STUDY

For description of courses of study offered by the College of Commerce and Journalism, see Departments of Instruction section.

## DIVISION OF ATHLETICS AND PHYSICAL EDUCATION

The Department is conducted for the purpose of giving every student a thorough course in general physical training under proper supervision and expert teachers, and to give opportunity and encouragement to participate, under the direction of skilled coaches, in various forms of competitive athletics, for the educational and training values that come from such experience. Every effort is made to conserve the time required of candidates for intercollegiate teams and to promote in practice and contests, ideals of sportsmanship and fair play. At the same time the extension among all students of participation in various forms of competitive athletics is vigorously promoted through a large variety of intra-mural and minor sports contests, indoor and out. Great emphasis is placed upon outdoor work in Florida's wonderful climate.

A thorough physical examination is made of each student on entering the University, on the basis of which he is given advice and direction as to his physical activities during his college course. This enables the student to secure the greatest values from this phase of his college work. This physical examination is supplemented by periodical examinations required of all those students who are candidates for competitive teams and of those who are below par physically as a result of either illness, improper development, or some other physical handicap. Yearly examinations are optional to upper classmen. Special classes are arranged for those needing special work of a corrective nature, and for those having physical disabilities. No violent or dangerous exercises are permitted.

Every Freshman and Sophomore is required to take a course in physical education for two periods a week throughout the year, for which college credit is given. This consists of gymnasium work, including calisthenics, introductory apparatus work, advanced apparatus work, group games and mass athletics. This course is designed to improve body control and physical alertness; to establish habits of regular exercise, and to give experience in various kinds of recreative sports that will be useful in later life.

The second semester's work consists mostly of games and outdoor activities. A thorough knowledge of one major sport is required each semester.

Every encouragement and facility is placed at the disposal of the upper class students to take part in the intra-mural and inter-collegiate athletic sports on account of their body-building, social and character-forming values.

### **ATHLETIC COACHING**

In order to meet the increased demand for competent coaches in our state high schools the faculty of the Teachers College unanimously voted to establish a four-year course leading to the degree of Bachelor of Science in Education, allowing the students to major in athletic coaching and playground management. The course is meeting with much success its first year.

### **COURSES OF STUDY**

For description of courses offered, see Departments of Instruction section.

## DIVISION OF MILITARY SCIENCE AND TACTICS

### RESERVE OFFICERS' TRAINING CORPS

#### SENIOR INFANTRY AND FIELD ARTILLERY UNITS

Professor of Military Science and Tactics, and Commandant of Cadets, James A. VanFleet, Major, Infantry, U. S. Army; Assistant Professors of Military Science and Tactics: William C. Moore, Captain, Infantry, U. S. Army; Gilmer M. Bell, Captain, Infantry, U. S. Army; Clyde C. Alexander, Captain, Field Artillery, U. S. Army; Ernest T. Barco, Captain, Field Artillery, U. S. Army; John F. Hepner, Captain, Field Artillery, U. S. Army; Clayton S. Whitehead, Captain, Infantry, U. S. Army; Frank F. Becker, Captain, Infantry, U. S. Army; James M. Morris, Captain, Infantry, U. S. Army.

Instructors in Military Science and Tactics: Dallas B. Hundley, Staff Sergeant, Infantry, U. S. Army; William D. Klinepeter, Staff Sergeant, Infantry, U. S. Army; Charles H. Bell, Sergeant, Infantry, U. S. Army; Joseph C. Brandkamp, Sergeant, Field Artillery, U. S. Army; Ivor W. Thomas, Sergeant, Field Artillery, U. S. Army; Jesse A. Vitatoc, Sergeant, Infantry, U. S. Army; Joseph P. Donnovin, First Lieut., Field Artillery.

**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 Agricultural and Mechanical Arts including a course in Military Training. The Reserve Officers' Training Corps was established by the National Defense Act of June 3, 1916, as amended by the Act of June 4, 1920. This Act authorized the Secretary of War to provide the necessary instructors and equipment and to prescribe a standard course of instruction.

**OBJECT**—These units were authorized by Congress for the purpose of providing a corps of reserve officers to lead our augmented armed forces in time of war. The war with Germany has shown conclusively that we must depend upon college men for our additional officers. It is a part of the approved military policy of the people of the United States to maintain a small standing army. When the nation is drawn into war, and large additional armed forces are raised, it is necessary that they be provided with trained officers. A study of our military history shows that many lives have been sacrificed in the past because of the scarcity of officers capable of leading men in combat. Our Government has at-

tempted to rectify this by training young men in college so that if war comes they may step into positions of leadership and acquit themselves creditably.

Students who complete the basic courses 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 prerequisite 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 Summer Camp is compulsory usually between the Junior and Senior years. These camps afford a fine opportunity for the student to improve his military knowledge and to engage in healthful recreation. He is surrounded by every moral safeguard and provided with every recreation and healthful amusement that a young man could wish. Chaplains look after his moral welfare, and every effort is made to improve him mentally, morally and physically. The War Department pays all expenses, including mileage, rations, medical attendance, clothing and laundry service and in addition the pay of the seventh grade, U. S. Army.

## **COURSES OF INSTRUCTION**

For Courses of Instruction, see Departments of Instruction section.

## DIVISION OF MUSIC

Instructors: R. DeWitt Brown (Director), John W. DeBruyn, Claude L. Murphree.

This department aims to create and foster a love for and an appreciation of good music and to encourage students to use their musical abilities and training for the benefit of themselves and others. It trains and directs the University band, the orchestra, and the glee club and offers private instruction in voice and in violin and other instruments used in the band and orchestra and also in organ and piano. It seeks to cooperate with the musical organizations and churches of Gainesville and with the radio station located on the grounds of the University. Courses are given by special arrangement with the Director, but no college credit is allowed for work in this department.

Owing to lack of funds for the department, a small tuition fee is charged for private instruction.

### ORGANIZATIONS AND COURSES IN THE DIVISION OF MUSIC

The University Orchestra offers musical entertainment at many University functions. Its organization is one of the largest in the South. Students with ordinary talent in the handling of orchestral instruments are invited to present their names for membership. Mr. Brown.

The Military Band adds much to the effectiveness of parades. It makes several excursions during the year to neighboring towns and plays at many of the athletic contests held on and off the campus.

The Glee Club was organized in 1926. During its existence trips have been taken to Georgia, Alabama, and throughout Florida. Membership is selective and requires a knowledge of note reading and four-part singing. Try-outs are held in the early part of the first semester. Applicants are tested as to their ability to read easy music at sight, blend, voice, appearance, and pitch. The Glee Club already has begun to mean much as a source of culture, recreation, and advancement in the art of music. A teacher of voice acts as the director. Mr. DeBruyn.

Private lessons in violin and other orchestral instruments may be arranged with Mr. Brown.

Private lessons in voice may be arranged with Mr. DeBruyn.

Private lessons in organ and piano may be arranged with Mr. Murphree.

A course in Rudimentary Sight Singing will be given during the first semester. This course is intended for students who have had little or no training in the reading of notes. One hour a week. A small tuition charge is made for this course. Mr. DeBruyn.



## GENERAL EXTENSION DIVISION

BERT CLAIR RILEY, *Dean*

REGULAR FACULTIES of the University of Florida and the State College for Women co-operate.

SPECIAL LECTURERS AND TEACHERS are employed for Class Work and Short Courses.

The General Extension Division represents the Colleges of Arts and Science, Education, Engineering, Law, Pharmacy and 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 has been divided into six departments:

1. Extension Teaching
2. Auditory Instruction
3. Citizenship Training
4. Visual Instruction
5. General Information and Service
6. Extension Research

Each department is divided into several bureaus.

### DEPARTMENT OF EXTENSION TEACHING

CORRESPONDENCE STUDY BUREAU—Correspondence study offers to everyone an excellent opportunity to advance in his vocation, obtain a degree, or take courses for culture.

Review courses for teachers, high school work for students in rural communities, college work for busy men and women, special vocational courses for those who wish to advance in their line of work, and reading courses for those on the farm, in the shop, office and home are offered. Many courses are given by the University through the Colleges of Arts and Sciences, Education, Engineering, and Commerce and Journalism. The Division also offers correspondence courses through the State College for Women in the Schools of Education and Music and the College of Arts and Sciences.

EXTENSION CLASS BUREAU—Wherever advisable, extension classes are organized to meet the special needs of interested groups.

INSTITUTES AND SHORT COURSE BUREAU—Through this Bureau short courses, community institutes and conferences are held to give instruc-

tion or an opportunity for discussion on problems confronting groups or communities.

### **DEPARTMENT OF AUDITORY INSTRUCTION**

The department of Auditory Instruction has charge of the radio programs put on over WRUF, the State and University broadcasting station, located at Gainesville. In addition to cultural programs, instruction, information and entertainment by lectures and discussion are offered for the benefit of special groups, schools and individuals by radio or directly.

### **DEPARTMENT OF CITIZENSHIP TRAINING**

**CITIZENS MILITARY TRAINING CAMPS BUREAU**—Recognizing the educational value of the Citizens Military Training Camps, this Department assists the Military Training Camps Association and the War Department in enrolling young men for this training.

**AMERICANIZATION BUREAU**—Training for naturalization, citizenship schools and co-operation with patriotic societies are carried on through this Bureau.

### **DEPARTMENT OF VISUAL INSTRUCTION**

This department has a large library of visual aids, owned by the state, and lent to clubs, schools, and communities for purposes of cultural entertainment and instruction. This library is supplemented with materials secured by co-operating with large corporations and the Departments and Bureaus of the United States Government. Motion picture films, slides, collections of reproductions of masterpieces, prints, charts and graphs, accompanied by lecture notes are available.

### **DEPARTMENT OF GENERAL INFORMATION AND SERVICE**

**BUREAU OF PUBLIC INFORMATION AND LIBRARY SERVICE**—This Bureau acts as a clearing house for all kinds of information upon request for help on any problem confronting the individual or community.

Package libraries and reference books are lent to citizens.

Story books suitable for children of all grades are sent to teachers to read to their students.

Traveling libraries are furnished to schools.

Club study outlines and guides for home reading are offered.

**PUBLIC SCHOOL AND COMMUNITY CENTER BUREAU**—This Bureau supervises the high school interscholastic academic and forensic contests,

culminating in a state contest held annually at the University. This work includes the state high school debating contest, the state Oratorical contest, held in co-operation with the National Oratorical Association; a declamatory contest; a series of contests in academic subjects; and a contest among high school newspapers and annuals. A state convention of journalism teachers, staff officers, and supervisors is held in connection with the state contest.

The Bureau also offers the services of a Recreational Engineer to schools and communities to assist them in their physical training and outdoor recreational program. Work in health education is conducted, a library of plays, recitations and talking machine records is maintained for the use of the schools, and co-operation is given Parent-Teachers Associations.

**STUDENT EXTENSION ACTIVITIES BUREAU**—Through this bureau, students at the University of Florida offer to assist schools and communities by giving commencement addresses, illustrated lectures, open forum debates and by acting as judges and coaches in athletic and forensic contests, and dramatics.

In the interest of student activities and welfare at the University of Florida, contact is maintained with numerous American colleges and universities.

**PUBLICATIONS BUREAU**—The Publications Bureau publishes articles and bulletins concerning extension work. Technical and informational bulletins on subjects of interest to the public are also published and distributed.

## **DEPARTMENT OF EXTENSION RESEARCH**

The act of the Legislature creating the General Extension Division states that the Division "shall gather information on subjects useful to the people of the state, and carry it to them." To fulfill more nearly the provisions of this act, the Extension Research Department conducts investigations relative to economic, educational and public welfare problems of general interest.

**MUNICIPAL REFERENCE AND SOCIAL SERVICE BUREAU**—The Bureau promotes study of the problems of municipal government and social administration. A reference library is maintained and informational articles, bulletins and books are lent upon request.

Address all communications to the Dean, General Extension Division, University of Florida, Gainesville.



**PART IV**  
**DEPARTMENTS**  
**OF**  
**INSTRUCTION**

1929-30

## THE DEPARTMENTS OF INSTRUCTION

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Course numbers have the following meanings:

1. Courses with odd numbers are given in the first semester; with even numbers, in the second semester;
2. Courses with second number in parenthesis, e. g. 21 (22) are year courses and may not be divided without permission;
3. Courses with numbers separated by hyphens, e. g. 21-22, are year courses but may be divided;
4. A "0" preceding a number, as 21-021, is to indicate that the course is a semester course which may be given either or both semesters.
5. Courses with a single number, e. g. 21, or 22, are semester courses.
6. The hours indicated are the number of hours the class meets each week.
7. The credits indicated are the number of semester credits earned when the course is completed.

**AGRICULTURAL CHEMISTRY**

Professor Leigh, Professor Black, Professor Beisler, Professor Heath, Associate Professor Jackson, Assistant Professor Goodwin.

NOTE: The instruction in this department is designed primarily to fit the needs of agricultural students. By means of lectures, recitations and laboratory work the student is taught the fundamental chemical principles underlying and controlling all plant and animal life. Laboratory courses are provided covering the quantitative analysis of agricultural products.

(For courses offered in Agricultural Chemistry, see Chemistry, page 159.)

**AGRICULTURAL ECONOMICS**

Professor Turlington, Associate Professor Hamilton, Instructor Brumley, Instructor Timmons, Mr. Haskell, Mr. Zentgraf.

54. FARM MANAGEMENT—An elementary course in organization of the farm business. The laying out of fields, location of buildings, farm accounting, and important factors affecting profits. (*Short courses. 3 hours. No credit. Timmons, Turlington.*)
301. FUNDAMENTAL PRINCIPLES—The fundamental principles of economics in their relation to agriculture. (*3 hours. 3 credits. Turlington.*)
303. FARM RECORDS—Methods and practice of making and keeping farm inventories, feed records, crop records, and a study of statistical methods. (*Prerequisite: Sophomore year. Laboratory fee, \$3.00. 2 class and 1 laboratory periods. 3 credits. Timmons, Turlington.*)
306. FARM MANAGEMENT—The factors of production; systems of farming, their distribution and adaptation; problems of labor, machinery, laying out of farms and rotation systems. (*Prerequisite: Sophomore year. Laboratory fee, \$3.00. 2 class and 1 laboratory periods. 3 credits. Turlington, Brumley.*)
308. MARKETING—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. (*Prerequisite: Sophomore year. Laboratory fee, \$3.00. 2 class and 1 laboratory periods. 3 credits. Hamilton.*)
311. RURAL LAW—Classification of property, boundaries, fences, stock laws, rents, contracts, deeds, abstracts, mortgages, taxes, laws governing shipping, etc. (*Prerequisite: Sophomore year. 2 hours. 2 credits. Turlington.*)

403. **ADVANCED FARM MANAGEMENT**—Laying out and locating various buildings, lots, fields and crops; cropping systems; farm surveys, and a study of successful Florida farms. (*Prerequisite: Agricultural Economics 301 and 306. Laboratory fee, \$3.00. 3 hours. 3 credits. Turlington, Brumley.*)
405. **AGRICULTURAL PRICES**—Prices of farm products and the factors affecting them. (*Laboratory fee, \$3.00. 2 class and 1 laboratory periods. 3 credits. Hamilton.*)
408. **MARKETING FRUITS AND VEGETABLES**—The marketing of citrus, tomatoes, beans, potatoes and other Florida products. (*Laboratory fee, \$3.00. 2 class and 1 laboratory periods. 3 credits. Hamilton.*)
409. **COOPERATIVE MARKETING**—Cooperative buying and selling organizations, their successes and failures; methods of organization, financing and business management. (*Laboratory fee, \$3.00. 3 hours. 3 credits. Hamilton.*)
410. **STATISTICS**—The principles involved in the collection, tabulation and interpretation of agricultural statistics. (*Laboratory fee, \$3.00. 2 class and 1 laboratory periods. 3 credits. Brumley, Hamilton.*)
- 501-502. **FARM MANAGEMENT SEMINAR**—Study of recent literature and research work. For graduate students; elective for seniors on approval. (*2 credits. Turlington, Brumley.*)
- 503-504. **MARKETING SEMINAR**—Review of recent literature and research work in marketing. For graduate students; elective for seniors on approval. (*2 credits. Hamilton, Turlington.*)
- 505-506. **RESEARCH PROBLEMS**—Thesis problems, with approval of the head of the department. (*Hours and credit to be arranged.*)
508. **LAND ECONOMICS**—Rural taxation, colonization and adjustments of rural lands to their best uses. Open to seniors by permission of the Dean and head of the department. (*Hamilton, Turlington.*)

## AGRICULTURAL ENGINEERING

Professor Rogers, Assistant Professor Eshleman, Mr. Woodruff.

21. **FARM MACHINERY**—Care, construction, operation and selection of farm machinery. (*Short courses. Laboratory fee, \$1.00. 1 class and 2 laboratory periods. No credit. Rogers.*)



104. WOOD WORK—Practice in adjustment, care and use of wood working tools, exercises in bench work, farm equipment and farm building construction. (*Laboratory fee, \$1.00. 2 laboratory periods. 2 credits. Eshleman.*)
202. FARM MACHINERY—Construction, operation and selection of harvesting, seeding, spraying and tilling machinery. (*Laboratory fee, \$1.00. 2 class and 2 laboratory periods. 4 credits. Rogers.*)
204. AGRICULTURAL ORGANIZATION—The organization and proceedings of agricultural societies. (*1 class period. 1 credit. Rogers.*)
301. DRAINAGE AND IRRIGATION—Farm surveying, drainage and irrigation systems; field practice in surveying and designing systems. (*2 class and 1 laboratory periods. 3 credits. Rogers.*)
302. FARM MOTORS—The sources of power on the farm; automobile, tractor and stationary gasoline engines; electric motors and windmills. (*Laboratory fee, \$2.00. 2 class and 1 laboratory periods. 3 credits. Rogers.*)
303. FARM SHOP—Belt lacing, carpentry, concrete construction, soldering and other farm shop operations; specially useful for students intending to teach agricultural engineering in vocational schools. (*1 class and 2 laboratory periods. 3 credits. Rogers.*)
401. FARM BUILDINGS—Construction, cost, management, sanitation and ventilation of farm buildings; laboratory exercises in designing and estimating costs. (*2 class and 1 laboratory periods. 3 credits. Rogers.*)
402. FARM CONCRETE—Selection of materials; curing, mixing, placing, reinforcing, testing and waterproofing concrete. (*1 class and 1 laboratory periods. 2 credits. Rogers.*)
- 501-502. AGRICULTURAL ENGINEERING SEMINAR.—Review of the literature on agricultural engineering subjects. For graduate students; elective for seniors on approval. (*2 credits. Rogers.*)
- 503-504. RESEARCH WORK—Special problems in agricultural engineering. (*2 to 6 credits. Rogers.*)

## AGRONOMY

Professor Bryan, Instructor Ritchey, Mr. Camp, Mr. Richardson.

- 21-22. ELEMENTS OF AGRONOMY—A practical course in farm crops, fertilizers and soil fertility. Designed to meet the needs of special students. (*2 hours. No credit. Bryan.*)

201. FARM CROPS—The history, characteristics, adaptations, fertility requirements, cultural practices and uses of the leading field crops. (*Laboratory fee, \$1.00. 2 class and 1 laboratory periods. 3 credits. Ritchey.*)
301. SOILS—The nature and properties of the soil as related to fertility and crop production. (*Prerequisite: Chemistry 101-102. Laboratory fee, \$2.00. 3 class and 2 laboratory periods. 5 credits. Bryan.*)
302. FERTILIZERS AND MANURES—The nature, source and composition of various fertilizer materials, their influence on crops and soils; fertilizer requirements for various crops; use of farm manures; formulas; home mixing, etc. (*Prerequisite: Agronomy 301. 2 class and 1 laboratory periods. 3 credits. Bryan.*)
304. FORAGE CROPS—The plants that produce feed for livestock, including pasture grasses, legumes, etc.; their characteristics, composition, adaptations and cultural methods. (*Prerequisite: Agronomy 201. 2 class and 1 laboratory period. 3 credits. Ritchey.*)
307. AGRICULTURAL GENETICS—A general course in Genetics as applied to heredity and variation in plants and animals. Practice in calculating ratios, tabulating and interpreting data obtained from plant and animal breeding. (*Prerequisite: Botany 101-102. Laboratory fee, \$2.00. 2 class and 1 laboratory periods. 3 credits. Ritchey.*)
402. BREEDING CROP PLANTS—The fundamental principles of crop improvement, including experimental methods, breeding, selection, pure seed production and distribution. Practice will be given in plant breeding garden. (*Prerequisite: Agronomy 201. 2 class and 1 laboratory periods. 3 credits. Ritchey.*)
405. SOIL FERTILITY—The factors involved in crop production; source and loss of plant nutrients; methods and results obtained by laboratory and field experiments. (*Prerequisite: Agronomy 303. 3 hours. 3 credits. Bryan.*)
407. SPECIAL CROPS—Study of the nature, classification, adaptations, cultural practices, and uses of tobacco, sweet potatoes, and other minor crops. (*Prerequisite: Agronomy 201. 2 hours. 2 credits. Ritchey.*)
- 500-501. AGRONOMY SEMINAR—A review of the scientific literature dealing with soils and farm crops. (*2 credits. Bryan.*)

504. ORIGIN AND CLASSIFICATION OF SOILS—The origin and principles of soil classification. Detailed maps of certain areas will be required. (*Prerequisite: Agronomy 302. 2 class and 1 laboratory period. 3 credits. Bryan.*)
- 505-506. RESEARCH WORK—Special problems in soils and farm crops. (*2 to 10 credits. Bryan, Ritchey.*)
507. ADVANCED SOIL—The mineral and organic components of the soil and their physico-chemical properties, including the origin, nature and significance of soil colloids; soil reaction, repacable bases and plant responses. (*2 classes and 1 laboratory period. 3 credits. Laboratory fee \$3.00. Bryan.*)
508. METHODS OF CROP INVESTIGATION—Study of the experimental technique in connection with field plot variation, seasonal influences, etc., with methods of minimizing their effects on results; assimilating, summarizing and interpreting data. (*Prerequisite: Agronomy 201. 2 class and 1 laboratory periods. 3 credits. Ritchey.*)
510. SOIL BIOLOGY—The micro-organisms in the soil, their effect on the fertility of the soil and plant growth. (*Prerequisites: Agronomy 303, Bacteriology 302. Laboratory fee, \$2.00. 2 class and 1 laboratory periods. 3 credits. Bryan.*)

## ANIMAL HUSBANDRY AND DAIRYING

(For courses in Dairying, see page 169.)

Professor Willoughby, Instructor Martin.

### ANIMAL HUSBANDRY

21. ELEMENTS OF ANIMAL HUSBANDRY—Breeds of farm animals, principles of feeding, breeding and management. (*Four-months course. 3 hours. No credit. Willoughby.*)
102. TYPES AND BREEDS OF ANIMALS—Types, breeds and classes of horses, cattle, sheep and swine; score-card and comparative judging. (*2 classes and 1 laboratory period. 3 credits. Martin, Willoughby.*)
201. ANIMAL FEEDING—Composition of plants and animals; feeding standards and rations for farm animals. (*2 hours. 2 credits. Martin.*)
202. ANIMAL BREEDING—History and principles of the breeding of animals; foundation and management of a breeding business. (*2 hours. 2 credits. Willoughby.*)

203. BEEF PRODUCTION—Selection, feeding and management of beef cattle; finishing and marketing. Brief study of mutton production. (*Prerequisite: Animal Husbandry 102. 3 hours. 3 credits. Willoughby.*)
204. SWINE PRODUCTION—Selection, feeding and management of swine; equipment for hog farm; slaughtering and marketing. (*Prerequisite: Animal Husbandry 102. 2 hours. 2 credits. Martin.*)
205. ADVANCED STOCK JUDGING—Special training in live stock judging, show ring practice and contests at fairs. (*Prerequisite: Animal Husbandry 102. 1 class and 2 laboratory periods; 3 credits. Willoughby.*)
301. BREED HISTORY—History of breeds; pedigrees and registration methods. (*Prerequisites: Animal Husbandry 101, 202. 2 hours. 2 credits. Willoughby.*)
303. MEAT PRODUCTS—Farm slaughtering and packinghouse methods; curing, processing and marketing of meats and special products. (*Prerequisites: Animal Husbandry 203, 204. 2 hours. 2 credits. Willoughby.*)
- 305-306. ANIMAL NUTRITION—Feeds, feeding and management of farm live stock. (*Prerequisites: Animal Husbandry 101, 201. 2 hours. 4 credits. Martin.*)
- 401-402. SEMINAR—History of live stock industry in America; special dairy and live stock topics; review of recent research. (*For seniors and graduates. Hours and credit to be arranged. Martin, Willoughby.*)

## ARCHITECTURE

(Including Mural Painting)

Professor Weaver, Instructor Long, Instructor Larson, Instructor Burkhart, Instructor Hannaford, Instructor Gill, Mr. Arnett

The courses in Architecture and Painting are divided in sections as follows:

### ARCHITECTURE

<i>Design</i>	<i>Delineation</i>	<i>Construction</i>
Arch. 101-102	Arch. 121-122	Arch. 151-152
Arch. 201-202	Arch. 221-222	Arch. 454-455
Arch. 301-302	Arch. 226-227	
Arch. 401-402	Arch. 228	
Arch. 310	Arch. 321	
	Arch. 521-526	

<i>Theory</i>	<i>History</i>	<i>Mechanical Equipment</i>
Arch. 112	Arch. 231-232	Arch. 464
Arch. 314	Arch. 331-332	Arch. 466
Arch. 416	Arch. 435	Arch. 468

### MURAL PAINTING

Painting 103-104	Painting 203-204
Painting 107	Painting 207-208
Painting 115-116	Painting 211-212
Painting 117-118	Painting 219-220

For description of courses in Painting, see page 209.

101. ARCHITECTURAL DESIGN—This is the beginning course in architectural design and consists 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. (*First semester, three three-hour drafting-room periods with occasional lectures. 3 credits.*)

102. ARCHITECTURAL DESIGN—A continuation of 101. Small buildings are designed and the orders are introduced as both structural and decorative elements. Research is encouraged and draftsmanship emphasized, but the arrangement of plan and fitness to its use, appropriate expression of elevation, proportion and scale, are given major emphasis. (*Second semester, three three-hour drafting-room periods. 2 credits.*)

112. ELEMENTS OF BEAUTY—A discussion of the manifestations of beauty in nature with lectures on the various modes of its expression in the arts, particularly in architecture. Special lectures are given by instructors in other departments on the drama, poetry, music and other arts. Assigned reading and problems. (*Second semester, 1 hour. 1 credit.*)

121-122. FREEHAND DRAWING—An introduction to perspective with outdoor sketching in pencil occupies the first third. The remaining two-thirds is given to charcoal drawing from casts and from still life groups. (*Two three-hour periods. 2 credits each semester.*)

- 201-202. ARCHITECTURAL DESIGN—A continuation of 101-102 with larger types of buildings and more emphasis placed upon research, draftsmanship and rendering. Use of the more complex structural features is encouraged and problems are given which include interior furnishing, mural decoration, sculpture and landscape gardening. (*Three three-hour drafting-room periods. 3 credits each semester.*)
- 221-222. FREEHAND DRAWING—Outdoor sketching is resumed during the first third of the semester. The remaining time is given to cast drawing in charcoal. In the second semester, cast drawing is continued except during the last third which is devoted to compositions of archaeological material, drawn in charcoal. (*Three two-hour drawing periods. 2 credits each semester.*)
226. ELEMENTARY WATER COLOR—Color theory and various methods of applying water color. Still life and simple landscapes. (*Second semester, two three-hour drawing periods. 2 credits.*)
227. PERSPECTIVE—A discussion of the phenomena of perspective and methods of representing distance, followed by exercises in drawing architectural perspectives. (*First semester, two three-hour periods. 2 credits.*)
228. MODELING—Modeling architectural forms in clay. Original problems in mass composition are given. Elective for the present. (*Two three-hour periods. 2 credits.*)
- 231-232. ARCHITECTURAL HISTORY—A series of lectures with stereopticon slides covering Egyptian, Assyrian, Persian, Greek, Roman, Early Christian, and Byzantine Architecture. Historical and other influences, materials and methods of construction. Comparison of the styles. Supplemented by reference reading and sketching. (*Two lectures. 2 credits each semester.*)
- 301-302. ARCHITECTURAL DESIGN—The third year of architectural design with preliminary sketches, rendered studies, final drawings and additional sketch problems. (*First semester, three four-hour drafting-room periods. 4 credits. Second semester, three three-hour drafting-room periods. 3 credits.*)
310. RESIDENCE DESIGN—An effort is made to teach the students to plan houses from the point of view of use according to the social habits of the owner, recognizing the requirements of efficiency in the working parts and the behaviorism of the occupants in the living parts. Consideration is given to furniture placement, location of kitchen

equipment and other considerations too often neglected in house design. (*Second semester given with Arch. 302 during the second third of the semester. Six lectures and 40 hours of drafting given with 302. 1 credit.*)

314. THEORY OF COMPOSITION—Lectures on Architectural Composition with assigned reading and required sketches. (*Second semester, 1 hour. 1 credit.*)
321. FREEHAND DRAWING—Life. Charcoal sketching alternating with quick pencil sketching from action poses. The greater portion of time is given to careful charcoal studies of the figure. (*First semester, three two-hour drawing periods. 2 credits.*)
- 331-332. ARCHITECTURAL HISTORY—A continuation of Arch. 231-232, covering Romanesque, Gothic, Renaissance, and Modern Architecture. Supplemented by reference reading and sketching. (*Two lectures. 2 credits each semester.*)
351. FRAME CONSTRUCTION—The nature and properties of woods used in building construction. Methods of construction. (*First semester, two lectures and drawings. 2 credits.*)
352. MASONRY CONSTRUCTION—Building materials and methods other than those included in Frame Construction. (*Second semester, two lectures and drawings. 2 credits.*)
- 401-402. ARCHITECTURAL DESIGN—Advanced Architectural Design covering the more complex problems of planning and composition, a continuation of the work and experience gained in the preceding three years. (*Three four-hour and one three-hour drafting-room periods. 5 credits each semester.*)
416. PROFESSIONAL PRACTICE—Lectures on the ethics and methods of modern practice. (*Second semester, 1 hour. 1 credit.*)
435. DECORATIVE ARTS—A brief study of the decorative arts allied with architecture. Lectures with assigned reading and research plates. (*First semester. 1 credit.*)
454. CONCRETE DESIGN—A course in reinforced concrete design, primarily intended for architectural students. (*Second semester, two lectures and problems. 2 credits.*)
455. WORKING DRAWINGS—The preparation of scale drawings and details as issued to the builder in actual practice. (*First semester, two three-hour drafting-room periods. 3 credits.*)

464. HEATING AND VENTILATING—A course in Heating and Ventilating given in the Mechanical Engineering Department especially arranged for architectural students. (*Second semester, one one-hour lecture. 1 credit.*)
466. ELECTRIC LIGHTING—Illumination and wiring of buildings, given in the Electrical Engineering Department for architectural students. (*Second semester. 1 credit.*)
468. PLUMBING—A study of hot and cold water supply; drainage and sewage disposal; plumbing methods, materials and fixtures. (*Second semester. One lecture each week with outside drafting. 1 credit.*)
521. FREEHAND DRAWING—A continuation of Arch. 321. Advanced life drawing. Refinement of proportion and the use of the human figure in architectural decoration are emphasized. (*Second semester, two three-hour periods. 2 credits.*)
526. WATER COLOR—Continuation of Arch. 226. Color sketches and studies. Rendering architectural exterior and interior perspectives in water color and other mediums. (*First semester. Two three-hour periods. 2 credits.*)

## BACTERIOLOGY

(Administered under the Department of Botany and Bacteriology)

Assistant Professor Carroll

301. GENERAL BACTERIOLOGY—The morphology, physiology and cultivation of bacteria and related microorganisms. Prerequisite to all courses in bacteriology offered by this department. (*Prerequisite: College botany or biology; a knowledge of chemistry desired. Laboratory fee, \$5.00. 2 class and 2 laboratory periods. 4 credits. Carroll.*)
302. AGRICULTURAL BACTERIOLOGY—Bacteria and associated microorganisms in relation to agriculture, the farm, etc. (*Prerequisite: Bacteriology 301. Laboratory fee, \$5.00; 2 class and 2 laboratory periods. 4 credits. Carroll.*)
304. PATHOGENIC BACTERIOLOGY—The recognition, culture and special laboratory technique of handling pathogenic bacteria. Theories and principles of immunity and infection. Given alternate years with Bact. 306. Will be given 1929-30. (*Laboratory fee, \$5.00; 2 class and 2 laboratory periods. 4 credits. Carroll.*)



306. BACTERIOLOGY OF FOODS—The relation of bacteria, molds, and yeasts to foods; modes of handling and preservation of foods. This course alternates with Bacteriology 304. (1929.) (*Laboratory fee, \$5.00; 2 class and 2 laboratory periods. 4 credits. Carroll.*)
308. SANITARY LABORATORY PRACTICE—Problems in sewage and public sanitation; field work; designed for students in sanitary engineering. (*Laboratory fee, \$5.00; 1 lecture and 2 laboratory periods per week. 3 credits. Carroll.*)
401. CLINICAL BACTERIOLOGY—Laboratory work upon special problems preparing for technical expert in field of biological activities of bacteria. Animal experimentation and immunology upon pathogens. Work assigned to particular organisms. (*Prerequisite: Bacteriology 304. Hours to be arranged. A prerequisite to research in bacteriology. Carroll.*)
- 501-502. PROBLEMS IN SOIL BACTERIOLOGY—(*Laboratory fee, \$5.00. 8 or 10 credits.*)
- 503-504. PROBLEMS IN DAIRY BACTERIOLOGY—(*Laboratory fee, \$5.00. 8 or 10 credits.*)
- 505-506. PROBLEMS IN PATHOGENIC BACTERIOLOGY—(*Laboratory fee, \$5.00. 8 or 10 credits.*)

## BIBLE

Professor Buchholz, Professor Farr, Professor Anderson

NOTE: The following courses are offered to Sophomores, Juniors, and Seniors, embracing 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.

- 201-202. OLD TESTAMENT HISTORY—(*3 hours. 6 credits. Buchholz.*)
- 203-204. NEW TESTAMENT HISTORY—Lectures, Bible readings, textbook. (*3 hours. 6 credits. Buchholz.*)
- 205 (206). OLD AND NEW TESTAMENT GREEK—See Greek 203 (204).
208. OUTSTANDING CHARACTERS OF THE OLD TESTAMENT.—(*3 hours. 3 credits. Buchholz.*)

301. THE ENGLISH BIBLE AS LITERATURE—Literary types found in the Bible and the excellence of the work as compared with other great examples of literature. (*Hours to be arranged. Farr.*)
- 305-306. THE BIBLE AS AN ETHICAL AND RELIGIOUS GUIDE—Lectures, Bible readings, studies of great sermons, text-books on Evidences of Christianity. (*3 hours. 6 credits. Buchholz.*)
- 307-308. THE HISTORY OF THE CHRISTIAN CHURCH—(*3 hours. 6 credits. Buchholz.*)
309. THE PEDAGOGY OF JESUS—Learning to teach from the Master. (*For Juniors and Seniors. 3 hours. 3 credits. Buchholz.*)

### BIOLOGY AND GEOLOGY

(For courses in Geology, see page 185.)

Professor Rogers, Associate Professor Hubbell, Associate Professor Sherman, Assistant Professor Byers.

NOTE: For a description of the laboratories, biological station, and general equipment of this department see page 36.

### BIOLOGY

101. PRINCIPLES OF ANIMAL BIOLOGY—An introduction to the subject matter and principles of zoology. (*A prerequisite for all other courses, except Biology 105. Laboratory fee, \$5.00. 2 lecture, 2 laboratory and 1 quiz periods. 5 credits. Rogers, Hubbell, Byers.*)
104. COMPARATIVE VERTEBRATE ANATOMY—A comparative study of the structure of the main classes of vertebrates. (*Required of Pre-Medical students. Prerequisite: Biology 101. Laboratory fee, \$5.00. 2 lecture, 2 laboratory and 1 quiz periods. 5 credits. Sherman.*)
0105. ELEMENTARY ANATOMY AND PHYSIOLOGY—The elements of vertebrate anatomy with an introduction to the physiological systems of man. (*Open to Pharmacy students only. 2 class and demonstration periods. Fee for demonstration material, \$2.00. 2 credits. Sherman.*)
106. GENETICS AND EVOLUTION—An introduction to the study of variation, selection, and inheritance in animals. The last weeks of the course deal with some of the data of human heredity. (*Prerequisite: Biology 101. 2 lectures and 1 quiz period. 3 credits. Rogers.*)
108. MAMMALIAN ANATOMY AND PHYSIOLOGY—An introduction to the structure and functioning of the mammalian body with special ref-

erence to man. Individual laboratory dissection of the cat is accompanied by lectures on the human body and physiological demonstrations. (*Primarily for freshmen in Physical Education. Prerequisite: Biol. 101. Laboratory fee \$5.00. 2 class and 2 laboratory periods. 5 credits. Sherman.*)

0201. INVERTEBRATE ZOOLOGY—The comparative morphology and phylogeny and natural history of the invertebrates, exclusive of insects. (*Prerequisite: Biology 101. Laboratory fee, \$5.00. 3 class and 2 laboratory periods. 5 credits. Byers.*)
0202. ENTOMOLOGY—The classification, structure and biology of the insects. (*Prerequisite: Biology 101. Laboratory fee, \$5.00. 3 class and 2 laboratory periods. 5 credits. Hubbell.*)
211. EMBRYOLOGY—The principles of general embryology followed by special attention to the development of the vertebrates. (*Prerequisite: Biology 101 and 104. Laboratory fee, \$5.00. 3 class and 2 laboratory periods. 5 credits. Sherman.*)
0301. ADVANCED INVERTEBRATE ZOOLOGY—Problems and special studies on the local invertebrate fauna. (*Prerequisite: Biology 201. Laboratory fee, \$5.00. Hours and credit to be arranged. Byers.*)
0302. ADVANCED ENTOMOLOGY—The taxonomy and biology of certain selected groups of insects. (*Prerequisite: Biology 202. Laboratory fee, \$5.00. Hours and credit to be arranged. Hubbell.*)
- 311 (312). VERTEBRATE ZOOLOGY—The classification and natural history of vertebrate animals with special attention to the recognition and habits of the local fauna. (*Prerequisite: Biology 104. Laboratory fee, \$3.00 per semester. 1 class and 1 field or laboratory period. 4 credits. Sherman, Rogers.*)
321. ZOOLOGICAL LABORATORY TECHNIQUE—Methods of macroscopic preparations; collecting and culturing of laboratory material; photographic procedures and the care of zoological equipment. (*Prerequisites: Biology 101 and 104. Laboratory fee, \$5.00. 1 class and 2 laboratory periods. 3 credits. Rogers, Byers, Sherman.*)
322. ANIMAL HISTOLOGY AND MICRO-TECHNIQUE—An introduction to the subject matter and methods of histology. (*Prerequisites: Biology 101 and 104 or 201. Laboratory fee, \$5.00. 1 class and 2 laboratory periods. 3 credits. Byers.*)

402. ANIMAL ECOLOGY—Studies on the local fauna as an introduction to the methods of animal ecology. (*Prerequisite: Biology 201, 202 or 311 (312). Laboratory fee, \$5.00. 3 classes and 2 afternoons of work at Biological Station. 5 credits. Rogers.*)
403. ZOOGEOGRAPHY—The distribution of animals in space and time. (*Prerequisites: Biology 201, 202 and 311-312; Geology 202. 3 hours. 3 credits. Hubbell.*)
415. MEDICAL ZOOLOGY—The animal organisms, especially the Protozoa, worms, and Arthropods, producing pathogenic conditions in man and the higher vertebrates. (*Prerequisite: Biology 201. Laboratory fee, \$5.00. 3 class and 2 laboratory periods. 5 credits. Byers.*) Not given in 1928-29.
421. THE HISTORY AND LITERATURE OF BIOLOGY—An outline of the development of the modern content and theories of biology. (*Prerequisites: Biology 104, 106. 2 hours. 2 credits. Rogers, Hubbell, Byers.*)
- 510 or 0510. PROBLEMS IN ANIMAL ECOLOGY—(*Prerequisite: a major in Biology including Biol. 402. Hours and credit to be arranged. Rogers.*)
- 512 or 0512. PROBLEMS IN INVERTEBRATE ZOOLOGY OR ENTOMOLOGY—(*Prerequisite: a major in Biology including Biol. 201 and 202. Hours and credit to be arranged. Hubbell or Byers.*)
- 514 or 0514. PROBLEMS IN VERTEBRATE ZOOLOGY—(*Prerequisite: a major in Biology. Hours and credits to be arranged. Sherman.*)

### BOTANY AND BACTERIOLOGY

(For courses in Bacteriology, see page 146.)

Professor Cody, Assistant Professor Carroll.

### BOTANY

General Botany is a prerequisite to all botanical courses in this department.

101. GENERAL BOTANY—The plant cell; structure and life histories of spore plants. (*Laboratory fee, \$5.00. 2 class and 2 laboratory periods per week. 4 credits. Cody, Carroll.*)
102. GENERAL BOTANY—Structure, life histories and principles of classification of seed plants. (*Laboratory fee, \$5.00. 2 class and 2 laboratory periods. 4 credits. Cody, Carroll.*)

- 201-0201. PLANT PHYSIOLOGY—The functioning of plants with relation to absorption, transpiration, assimilation, respiration and growth. (*Desired prerequisites: Chemistry 253 or equivalent, Physics 105-106 or equivalent. Laboratory fee, \$5.00. 2 class and 2 laboratory periods. 4 credits. Cody.*)
210. TAXONOMY—Identification of common seed plants and ferns of Gainesville region. (*Laboratory fee, \$5.00. 1 class and 3 laboratory periods. 4 credits. Cody.*)
302. ADVANCED PLANT PHYSIOLOGY—Special physiological processes, enzymic activities and metabolism. Preliminary work to research in plant physiology. (*Prerequisite: Botany 201. Laboratory fee, \$5.00. 2 class and 2 laboratory periods. 4 credits. Cody.*)
310. PROBLEMS IN TAXONOMY—A critical study of a plant family or genus. (*Prerequisite: Botany 210. Laboratory fee, \$5.00. 1 class and 3 laboratory periods. Much time spent in field. 4 or 5 credits. Cody.*)
320. GENERAL MORPHOLOGY OF SEED PLANTS—Structure and life histories of seed plants; process of fertilization. (*Laboratory fee, \$5.00. 2 class and 2 laboratory periods. 4 credits. Cody.*)
330. METHODS IN PLANT HISTOLOGY—Principles and practice in killing, fixing, sectioning and staining plant materials. (*Desired requisite: Chemistry 251 or equivalent. Laboratory fee, \$5.00. 1 class and 3 laboratory periods. 4 or 5 credits. Cody.*)
333. PLANT ANATOMY—Structure and function of principal tissues and organs of plants. (*Desired prerequisite: Botany 330. Laboratory fee, \$5.00. 1 class and 3 laboratory periods. 4 or 5 credits. Cody.*)
401. ECOLOGY—The relation of plants to their environment with special reference to soil, light and moisture. (*Prerequisites: Botany 210, some knowledge of agronomy and geology desired. 4 or 5 credits. Cody.*)

#### COURSES FOR GRADUATE STUDENTS

(*Laboratory fee, \$5.00 per semester; credit, 4 to 5 hours per semester.*)

501. PROBLEMS IN TAXONOMY—Research.
503. PROBLEMS IN PLANT PHYSIOLOGY—(Nutrition, assimilation, etc.)
505. PROBLEMS IN PLANT HISTOLOGY—Comparative methods in killing, fixing, sectioning and staining plant tissues.

## BUSINESS ADMINISTRATION

Professor Matherly, Professor Anderson, Associate Professor Gray, Associate Professor Dolbear, Associate Professor Dykman, Associate Professor Myers, Assistant Professor Hurst, Assistant Professor Atwood, Assistant Professor Eldridge, Assistant Professor Wilson, Instructor Ward, Graduate Assistant Rahner, Graduate Assistant Peel.

Student Assistants: Boyd, Davidson, Putnam, and Scaglione.

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 listed under the Department of Economics, page 170.

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.

81. BUSINESS ADMINISTRATION—Office Management: Office organization; office functions; duties of office manager; the modern secretary in relation to office operation. Proficiency in the use of the typewriter will be required. Typing room with typewriters will be provided for the use of students. (*Laboratory fee, \$20.00. 1 lecture and 4 laboratory hours. 1 credit. ....*)
82. BUSINESS ADMINISTRATION—Office Management: Office appliances; handling correspondence; office records; methods of filing. The student will be required to attain proficiency in shorthand. (*Laboratory fee, \$20.00. 1 lecture and 4 laboratory hours. 1 credit. ....*)
- 101E. ECONOMIC HISTORY OF ENGLAND—See Economics 101. (*3 hours. 3 credits. Myers, Hurst, Dykman.*)
- 102E. ECONOMIC HISTORY OF THE UNITED STATES—See Economics 102. (*3 hours. 3 credits. Myers, Dykman, Hurst.*)
103. PRINCIPLES OF ECONOMIC GEOGRAPHY—A study dealing with the geographic factors and geographic principles necessary to the understanding of the relationships existing between man and his natural environment. A world wide survey of the distribution and characteristics of surface features, climate, soils, vegetation, and animal life and the adjustments man has made to them to secure a living. (*3 hours. 3 credits. Atwood and Eldridge.*)
104. PRINCIPLES OF ECONOMIC GEOGRAPHY—This course deals primarily with the occupations of man and the geographic factors which condition these activities. The resources and production of the various commodities are linked with the demand for them. The interdependence of the nations of the world is stressed, and the need of a better

understanding of the problems confronting the people in other countries. (3 hours. 3 credits. *Atwood and Eldridge.*)

- 201 (202)E. PRINCIPLES OF ECONOMICS—See Economics 201 (202.) (3 hours. 6 credits. *Dolbeare, Anderson, Eldridge, Myers.*)
- 211 (212). PRINCIPLES OF ACCOUNTING—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. (2 lectures and 2 laboratory hours. 6 credits. *Gray and others.*)
- 302E. ELEMENTS OF STATISTICS—See Economics 302. (*Prerequisite: Business Administration 201-202E.* 3 hours. 3 credits. *Anderson.*)
- 311 (312). ADVANCED ACCOUNTING—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: Business Administration 211-212.* 3 hours. 6 credits. *Gray.*)
- 321E. FINANCIAL ORGANIZATION OF SOCIETY—See Economics 321. (*Prerequisite: Business Administration 201-202E.* 3 hours. 3 credits. *Dolbeare, Eldridge.*)
322. FINANCIAL MANAGEMENT—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: Business Administration 321E.* 3 hours. 3 credits. *Dolbeare, Dykman.*)
331. PRINCIPLES OF SALESMANSHIP—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. (3 hours. 3 credits. *Wilson.*)
332. RETAIL STORE MANAGEMENT—Retail store problems; types of stores; executive control; purchasing; accounts; location; service;

organization; management of employees and price policies. (3 hours. 3 credits. *Wilson.*)

341. PRODUCTION MANAGEMENT—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: Business Administration 201-202E. 2 credits. Wilson.*)
- 351E. RAILWAY TRANSPORTATION—See Economics 351. (*Prerequisite: Business Administration 201-202E. 3 hours. 3 credits. Anderson.*)
- 352E. OCEAN TRANSPORTATION—See Economics 352. (*Prerequisite: Business Administration 201-202E. 3 hours. 3 credits. Atwood.*)  
*Not given 1929-30.*
- 355.\* BUSINESS WRITING—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: English 101-102. Required of all juniors. One semester; 3 hours. 3 credits. Repeated second semester. Mounts.*)
361. PROPERTY INSURANCE: 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. (*Prerequisites: Business Administration 201-202E. 3 hours. 3 credits. Dykman.*)
362. PROPERTY INSURANCE: Bond, Title and Casualty—Continuation of property insurance; the nature of bonding, premiums charged and companies underwriting; the principles of title and casualty insurance. (*Prerequisites: Business Administration 201-202E. 3 hours. 3 credits. Dykman.*)
372. PERSONNEL MANAGEMENT—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,

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\*Business Administration 355 is the same as English 355.



training, promotion, and discharge of employees, and various methods of maintaining industrial good will, as works councils, profit-sharing, etc. (*Prerequisite: Business Administration 201-202E. 2 hours. 2 credits. Myers.*)

381E. ECONOMIC GEOGRAPHY OF NORTH AMERICA—See Economics 381. (*Prerequisites: Business Administration 103-104 and 201-202E. 3 hours. 3 credits. Atwood.*) Not given 1929-30.

401. BUSINESS LAW—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. (*3 hours. 3 credits. Hurst.*)

402. ADVANCED BUSINESS LAW—Conveyances and mortgages of real property; sales and mortgages of personal property; the law of negotiable instruments; partnership. (*3 hours. 3 credits. Hurst.*)

404E. SOCIAL CONTROL OF BUSINESS ENTERPRISE—See Economics 404. (*Prerequisite: Business Administration 201-202E. 3 hours. 3 credits. Hurst.*)

409 (410). BUSINESS POLICY—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. (*2 hours. 4 credits. Matherly.*)

411. COST ACCOUNTING—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: Business Administration 211-212. 3 hours. 3 credits. Gray.*)

412. AUDITING—Lectures and problems. A study of auditing theory and practice, principal kinds of audits, and the solution of illustrative problems. (*Prerequisite: Business Administration 311-312. 3 hours. 3 credits. Gray.*)

413. **ADVANCED ACCOUNTING**—Lectures and problems. A continuation of Business Administration 311-312. An advanced study in accounting theory and practice. (*Prerequisite: Business Administration 311-312. 3 hours. 3 credits. Gray.*)
414. **INCOME TAX PROCEDURE**—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: Business Administration 311-312. 3 hours. 3 credits. Gray.*)
422. **INVESTMENTS**—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: Business Administration 321E. 3 hours. 3 credits. Eldridge.*)
423. **BANKING**—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: Business Administration 321E. 3 hours. 3 credits. Dolbeare.*)
- 424E. **MONEY**—See Economics 424. (*Prerequisite: Business Administration 321E. 3 hours. 3 credits. Dolbeare.*)
- 429E. **GOVERNMENT FINANCE**—See Economics 429. (*Prerequisite: Business Administration 201-202E. 3 hours. 3 credits. Anderson.*)
- 431E. **PRINCIPLES OF MARKETING**—See Economics 431. (*Prerequisite: Business Administration 201-202E. First semester. 3 hours. 1 1-2 credits. Wilson.*)
432. **MARKET MANAGEMENT**—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: Business Administration 331E. 3 hours. 3 credits. Wilson.*)

433. ADVERTISING—A study of the purposes of Advertising; the tools of advertising expression, copy, display, visualization, and layout; the placing of advertising as to media; the placing of all these elements together. How advertising gets its facts through research; how it creates vital ideas around which campaigns are built; how entire campaigns are put together and are carried out. (3 hours. 3 credits. *Wilson.*)
434. ADVANCED ADVERTISING—The technique 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. (3 hours. 3 credits. *Wilson.*)
- 435E. PRINCIPLES OF INTERNATIONAL TRADE—See Economics 435. (*Prerequisites: Business Administration 103-104 and 201-202E.* 3 hours. 3 credits. *Atwood.*)
436. FOREIGN TRADE TECHNIQUE—See Economics 436. (*Prerequisite: Business Administration 103-104 and 201-202E.* 3 hours. 3 credits. *Atwood.*)
- 438E. TRADE HORIZONS IN LATIN AMERICA—An analysis of the industrial and commercial development in Latin America and its direct and indirect effects on trade with the United States. A study of the economic and geographic factors that affect Latin American countries as a market for United States' products and as a source of raw materials. (*Prerequisite: Business Administration 435E.* 3 hours. 3 credits. *Atwood.*)
461. LIFE INSURANCE—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. (*Prerequisites: Business Administration 201-202E.* 3 hours. 3 credits. *Dykman.*)
- 469 (470). BUSINESS FORECASTING—This course aims to survey the problem of the reduction of business risk through the interpretation of statistics. The statistical methods used by the leading commercial agencies in forecasting the business cycle will be examined and some attention will also be given to methods of forecasting the market for particular commodities. A quantitative approach to the general problem of economic equilibrium will constitute the nucleus of the

course. (*Prerequisite: Business Administration 302E. 3 hours. 6 credits. Anderson.*)

473E. LABOR PROBLEMS—See Economics 473. (*Prerequisites: Business Administration 201-202E. 3 hours. 3 credits. Myers.*)

#### GRADUATE COURSES

504E. PROBLEMS IN TRUST REGULATION—See Economics 504. (*3 hours. 3 credits. Hurst.*)

509-510. SEMINAR IN BUSINESS MANAGEMENT—Special studies in the management theory and practice. (*2 hours. 4 credits. Matherly.*)

511-512. SEMINAR IN ACCOUNTING—Special problems and investigations will be assigned to individual students. (*3 hours. 6 credits. Gray.*)

522. PROBLEMS IN INVESTMENTS—Problems, investigations, and analyses in the field of investments. (*Prerequisites: Business Administration 321E. 3 hours. 3 credits. Eldridge.*)

523. SEMINAR IN BANKING—Individual and group studies of special phases and problems of banking. (*3 hours. 3 credits. Dolbeare.*)

524E. SEMINAR IN MONEY—A critical study of past and present monetary problems and theories. (*3 hours. 3 credits. Dolbeare.*)

529E. PROBLEMS IN GOVERNMENT FINANCE—See Economics 529. (*3 hours. 3 credits. Anderson.*)

531-532. SEMINAR IN MARKETING—Investigation of special problems in marketing. (*3 hours. 6 credits. Wilson.*)

535E. SEMINAR IN INTERNATIONAL TRADE—See Economics 535. (*3 hours. 3 credits. Atwood.*)

536. SEMINAR IN FOREIGN TRADE TECHNIQUE—A detailed individual study of selected problems in Foreign Trade. (*3 hours. 3 credits. Atwood.*)

569-570E. SEMINAR IN STATISTICS AND BUSINESS FORECASTING—See Economics 569-570. (*3 hours. 6 credits. Anderson.*)

573-574E. SEMINAR IN LABOR PROBLEMS—See Economics 573-574. (*3 hours. 6 credits. Myers.*)

## CHEMICAL ENGINEERING

Professor Leigh, Professor Black, Professor Beisler, Professor Heath, Associate Professor Jackson, Assistant Professor Goodwin.

The courses in Chemical Engineering are given as part of the work of the Department of Chemistry in the College of Engineering, the instructors in Chemistry giving part of their time to Chemical Engineering.

## CHEMISTRY

(Including Agricultural Chemistry, Chemical Engineering and Pharmaceutical Chemistry)

Professor Leigh, Professor Black, Professor Beisler, Professor Heath, Associate Professor Jackson, Assistant Professor Goodwin, Curator Otte.

Fellows: Bowen, Sciutti, Shimp and Wenger.

- 101 (102). GENERAL CHEMISTRY—The fundamental laws and theories of chemistry, and the preparation and properties of the common elements and their compounds. Students may begin this course either the first or second semester. (*Laboratory fee, \$5.00 for each semester. 3 class and 4 laboratory hours. 10 credits. Heath in charge; Black, Beisler, Jackson and Goodwin.*)
- 101-104. GENERAL CHEMISTRY AND QUALITATIVE ANALYSIS—The first semester is devoted to a study of the laws, theories, and problems of chemistry; the non-metallic elements and their simple compounds. During the second semester, the metallic elements are studied, together with the qualitative analysis of the metals and the acid radicals. (*Laboratory fee, \$5.00 per semester. 3 class and 4 laboratory hours. 10 credits. Heath, Black, Beisler, Jackson, Goodwin.*)
- 201 (202). QUALITATIVE ANALYSIS—This course includes the general reactions of the metals and acids, with their qualitative separation and identification. (*Prerequisite: Chemistry 101-102. Laboratory fee, \$5.00 for each semester. 1 class and 5 laboratory hours. 6 credits. Jackson.*)
212. QUALITATIVE ANALYSIS—The theory and practice of the qualitative separation of the metals and acid radicals. (*Prerequisite: Chemistry 101-102. Laboratory fee, \$5.00. Required of chemical engineers; sophomore year, second semester; 1 class and 7 laboratory hours. 4 1-2 credits. Jackson.*)
215. WATER AND SEWAGE—A theoretical and practical study of the examination and treatment of water and sewage. (*Prerequisite: Chemistry 101-102. Laboratory fee, \$5.00. Required of civil engineering seniors. 2 class and 3 laboratory hours. 3 1-2 credits. Goodwin.*)

- 251 (252). ORGANIC CHEMISTRY—A study of the preparation and properties of various aliphatic and aromatic compounds. (*Prerequisite: Chemistry 101 (102), or 101 (104). Laboratory fee, \$5.00 for each semester. 3 class and 4 laboratory hours. 10 credits. Leigh and Goodwin.*)
258. ORGANIC CHEMISTRY—A brief course embracing the more important aliphatic and aromatic compounds designed chiefly for students in applied biological fields. (*Prerequisite: Chemistry 101-102 or 101-104. Laboratory fee, \$5.00. 3 class and 2 laboratory hours. 4 credits. Black.*)
301. QUANTITATIVE ANALYSIS—Volumetric methods in acidimetry and alkalimetry, oxidation and reduction, iodimetry and precipitation. (*Prerequisites: Chemistry 101-102 and 201-202. Laboratory fee, \$5.00. 6 laboratory hours or its equivalent. 3 credits. Black.*)
302. QUANTITATIVE ANALYSIS—Gravimetric analysis of simple compounds, followed by the analysis of such materials as phosphate rock, simple alloys, limestone, and Portland cement. (*Prerequisites: Chemistry 101-102 and 201-202. Laboratory fee, \$5.00. 6 laboratory hours or its equivalent. 3 credits. Black.*)
303. QUANTITATIVE ANALYSIS—A brief survey of the fundamental methods of gravimetric and volumetric analysis. The laboratory work is selected especially for students of pharmacy. (*Required. Prerequisite: Chemistry 104. Laboratory fee, \$5.00. 4 laboratory hours or its equivalent. 2 credits. Black.*)
- 321 (322). PHYSICAL CHEMISTRY—This course includes a study of the three phases of matter—gas, liquid and solid; the properties of solutions; colloids; equilibrium; velocity of reaction; thermochemistry; thermodynamics; atomic structure. (*Prerequisites: Chemistry 201-202 and 251-252. Prerequisite or corequisite: 301, 302 or 304. Laboratory fee, \$5.00 for each semester. 2 class and 2 laboratory hours. 6 credits. Jackson.*)
- 341 (342). INDUSTRIAL CHEMISTRY—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. (*Prerequisites: Chemistry 101-102 and 251-252. Required of chemical engineering seniors; elective to non-engineering students. 3 hours. 6 credits. Beisler.*)

344. INDUSTRIAL CHEMISTRY LABORATORY—A practical study of the commercial methods of manufacture and purification of important chemicals. (*Prerequisite: Chemistry 341-342. Laboratory fee, \$5.00. Required of chemical engineering seniors. 6 laboratory hours. 3 credits. Beisler.*)
351. METALLURGY—A study of the preparation, properties, structure and uses of the more important metals and alloys. (*Prerequisite: Chemistry 101-102. Required of chemical engineering seniors. 3 hours. 3 credits. Beisler.*)
401. AGRICULTURAL ANALYSIS — The quantitative analysis of milk and its products, vegetable oils, cereals and other food materials. (*Prerequisites: Chemistry 255-256 or 251-252 and 301-302. Laboratory fee, \$5.00. 6 laboratory hours or its equivalent. 3 credits. Black.*)
402. AGRICULTURAL ANALYSIS—The quantitative analysis of mixed fertilizers, of some of the raw materials used in mixed fertilizers, and of soils. (*Prerequisites: Chemistry, 255-256 or 251-252 and 301-302. Laboratory fee, \$5.00. 6 laboratory hours or its equivalent. 3 credits. Black.*)
403. WATER ANALYSIS—The analysis of waters to determine their potability and fitness for steam raising and other purposes. (*Prerequisite: Chemistry 301-302. Laboratory fee, \$2.50. 6 laboratory hours or its equivalent. 3 credits. Goodwin.*)
405. GAS ANALYSIS—The analysis of fuel and illuminating gases and products of combustion. Some attention is given to the theory and use of automatic gas recorders. (*Prerequisite: Chemistry 301-302. Laboratory fee, \$5.00. Elective. 1 class and 4 laboratory hours. 3 credits.) Not given 1929-30.*
406. PHYSIOLOGICAL CHEMISTRY—The chemistry and physiology of carbohydrates, fats, proteins, and body tissues. The examination of body fluids such as milk, blood, urine, etc. Course includes routine analyses of value to pharmacists and physicians. (*Required of fourth year students specializing in pharmaceutical chemistry. Prerequisites: Chemistry 252 or 256. Laboratory fee, \$5.00. 2 class and 2 laboratory hours. 3 credits. Goodwin.*)
410. HISTORICAL CHEMISTRY—The historical development of the more important chemical theories and their influence on the development of the science. (*Prerequisites: Chemistry 251-252 and 301-302. 3 hours. 3 credits.) Not given in 1929-30.*

412. ORGANIC ANALYSIS—The ultimate analysis of organic compounds. (*Prerequisites: Chemistry 251-252 and 301-302. Laboratory fee, \$5.00. 6 laboratory hours or its equivalent. 3 credits. Goodwin.*)
- 413 (414). TECHNICAL ANALYSIS—Analysis of organic and inorganic materials used in engineering. (*Prerequisite: Chemistry 301-302. Laboratory fee, \$5.00 for each semester. Required of chemical engineering seniors. 6 laboratory hours per week during the first semester, 4 laboratory hours per week during the second semester. 5 credits, divided 3-2. Beisler.*)

#### GRADUATE COURSES

501. ORGANIC PREPARATIONS—The preparation of some typical compounds. Occasional discussions of principles and theories. A reading knowledge of French and German desired. (*Prerequisite: Chemistry 251-252. Laboratory fee, \$5.00. 6 laboratory hours or its equivalent per week. 3 credits. Leigh.*)
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 desired. (*Prerequisite: Chemistry 302. Laboratory fee, \$5.00. 6 laboratory hours or its equivalent. 3 credits. Leigh.*)
505. ORGANIC NITROGEN COMPOUNDS—Special lectures and collateral reading relative to the electronic and other theoretical conceptions of organic compounds containing nitrogen. Explosives; pseudoacids; certain dyes; alkaloids; proteins; etc. (*3 hours or its equivalent. 3 credits. Leigh.*) Given alternate years. Offered in 1929-30.
506. SPECIAL CHAPTERS IN ORGANIC CHEMISTRY—Lectures and collateral reading. In general the 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. (*Second semester; 3 hours or its equivalent. 3 credits. Beisler.*) Given alternate years. Not offered in 1929-30.
509. ADVANCED PHYSICAL CHEMISTRY—The historical development of electrochemistry. Theoretical and practical applications of electrochemical principles. (*Laboratory fee, \$5.00. 1 class and 4 laboratory hours. 3 credits. Jackson.*) Given alternate years. Not offered in 1929-30.



513. **ADVANCED INORGANIC CHEMISTRY**—The theories, practice, and applications of colloid chemistry. (*Laboratory fee, \$5.00; 2 class and 2 laboratory hours. 3 credits. Beisler.*) Given alternate years. Offered in 1929-30.
516. **CHEMISTRY OF THE RARE ELEMENTS**—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. (*3 hours. 3 credits. Heath.*) Given alternate years. Not offered in 1929-30.
517. **BIOCHEMICAL PREPARATIONS**—The preparation of physiologically important compounds from plant and animal material. (*Laboratory fee, \$5.00; 6 laboratory hours or its equivalent. 3 credits. Black.*) Given alternate years. Offered in 1929-30.
519. **ATOMIC STRUCTURE**—A graduate course of 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. (*3 hours or its equivalent. 3 credits. Black.*) Given alternate years. Not offered in 1929-30.
522. **PHOTOGRAPHIC CHEMISTRY**—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. (*3 hours or its equivalent. 3 credits. Heath.*) Given alternate years. Offered in 1929-30.
- 551-552. **CHEMICAL RESEARCH**—(*Laboratory fee, \$5.00 for each semester. 3 to 8 hours. 3 to 5 credits. Leigh, Black, Beisler, Heath, Jackson, and Goodwin.*)

## CIVIL ENGINEERING

Professor Reed, Associate Professor Barnes, Assistant Professor Brown, Instructor Lowe

- 101-0101. **SURVEYING**—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 and Hosmer, Vol. I. (*Prerequisite: Trigonometry. Laboratory fee, \$3.00. Required of all engineering students in Freshman year. Elective for non-engineering students. Recitation, 1 hour; field and drawing-room work, 3 hours. 2 credits. Lowe.*)

- 201 (202). SURVEYING—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 and problems involving the principles of precise leveling, base-line measurement, triangulation, and determination of meridian, latitude and time. Field work: the making of a complete topographical survey; tests and adjustments of instruments; precise leveling; base-line work; meridian and latitude observations. Drawing-room work on balancing surveys, calculating areas and reducing field notes; plotting maps and profiles; contour problems; triangulation computations. Textbooks: Breed and Hosmer, Vols. I and II. (*Prerequisite: Surveying 101. Laboratory fee, \$3.00 per semester. Required of all civil engineering sophomores; recitations, 2 hours; field and drawing-room work, first semester 6 hours; second semester 3 hours. 7 credits, divided 4-3. Lowe.*)
- 301 (302). RAILROADS—Recitations on simple, compound, reversed, vertical, and transition curves, turnouts and earthwork. Field problems in curve layouts. Drawing-room work in the paper layout of a railroad line. 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: Allen's Curves and Earthwork. (*Prerequisite: Surveying 101. Laboratory fee, \$1.50 per semester. Required of civil engineering juniors. First semester; recitations 2 hours; field and drawing-room work 2 hours. Second semester; recitation 1 hour; field and drawing-room work 3 hours. 5 credits, divided 3-2. Lowe.*)
- 303 (304). HIGHWAY THEORY AND DESIGN—Lectures and recitations on the economics of location, highway systems, design, drainage, foundations, classes of roads and pavements, their materials and methods of construction, highway structures. Legislation and finance. Field inspections 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 specification. Textbook: Harger and Bonney, Highway Engineers' Handbook. (*Prerequisites: Surveying 101, Railroads 301. Required of civil engineering juniors. First semester; recitations 2 hours. Second semester; recitation 1 hour; field and drawing work 3 hours. 4 credits. Brown.*)

306. GRAPHIC STATICS—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: Howe's Simple Roof Trusses in Wood and Steel. (*Prerequisite: Applied Mechanics 315. Required of civil engineering juniors; recitations 2 hours; drawing-room work, 4 hours. 4 credits. Reed.*)
308. GRAPHIC STATICS—Similar to 306 except the work concerning bridges. (*Required of architectural juniors; recitation 1 hour; drawing-room work, 3 hours. 2 1-2 credits. Reed.*)
310. TESTING LABORATORY—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. (*Prerequisite: Applied Mechanics 315. Laboratory fee, \$2.00. Required of civil engineering juniors. 2 hours. 1 credit. Brown.*)
- 403-404. STRUCTURAL ENGINEERING—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. Textbook: Kirkham's Structural Engineering. (*Prerequisite: Applied Mechanics 315-316 and Graphic Statics 308. Required of civil engineering and architectural seniors; first semester; recitations, 2 hours; drawing room work, 3 hours. Second semester; recitations, 2 hours; drawing-room work 6 hours. 7 credits, divided 3-4. Reed.*)
405. CONTRACTS AND SPECIFICATIONS—The contract in its relation to the engineer. Specifications. Textbook: "Contracts and Specifications and Engineering Relations," by D. W. Mead. (*Required of all engineering seniors. Elective for non-engineering students. 2 hours. 2 credits. Brown.*)
407. HYDRAULICS—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 through pipes and open channels; losses from friction and other sources; and other related topics. Textbook: Hydraulics, by Daugherty. (*Prerequisite: Applied Mechanics 315-316. Laboratory fee, \$3.00. Required of all engineering seniors; recitations, 2 hours; laboratory exercises, 2 hours. 3 credits. Barnes.*)

408. **HYDRAULIC ENGINEERING**—Recitations on stream gaging and hydrographic surveying; water power, hydraulic turbines and impulse wheels; pumps and hydraulic machinery. Textbooks: *Hydraulics*, by Daugherty; *Notes on Hydraulic Engineering*. (*Prerequisite: Hydraulics 407. Required of civil and mechanical engineering seniors; 2 hours. 2 credits. Barnes.*)
409. **MUNICIPAL SANITATION**—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 estimates of cost. Textbook: *Babbitt's Sewerage and Sewage Treatment*. (*Prerequisites: Applied Mechanics 315-316. Required of civil engineering seniors. Recitations, 2 hours; drawing-room work, 3 hours. 3 credits. Barnes.*)
410. **WATER SUPPLY**—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 the design of a complete water supply system, a large gravity dam and a large masonry conduit. Textbooks: *Turneure and Russell's Public Water Supplies*; *Williams and Hazen's Hydraulic Tables*; *Elliot's Engineering for Land Drainage*. (*Prerequisite: Municipal Sanitation 409 and Hydraulics 407. Required of civil engineering seniors; second semester; recitations, 3 hours; drawing-room, 4 hours. 5 credits. Barnes.*)
412. **CONCRETE DESIGN**—Recitations and drawing-room work on the theory and design of reinforced concrete structures. Textbook: *Reinforced Concrete Design*, by Sutherland and Clifford. (*Prerequisite: Applied Mechanics 315-316. Required of seniors in Civil Engineering and Architecture; recitations, 2 hours; drawing-room, 3 hours. 3 credits. Barnes.*)

## COACHING

(Administered under the Department of Physical Education and Coaching)

Mr. Bachman, Dr. Haskell, and Athletic Staff.

101. **FOOTBALL**—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. (10 hours. 2 credits. First half first semester. *Bedenk and Holsinger.*)

111. BASKETBALL—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. (10 hours. 2 credits. Second half first semester. *Cowell and Holsinger.*)
201. FOOTBALL—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. (10 hours. 2 credits. First half first semester. *Bedenk and Higgins.*)
241. WRESTLING—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. (2 hours. 1 credit.)
251. BOXING—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. (2 hours. 1 credit. *Piombo.*)
261. FENCING—(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. (2 hours. 1 credit. *Burdett.*)

301. FOOTBALL—Advanced theory course for those who have had Coaching 101 and Coaching 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. (2 hours. 1 credit. *First half first semester. Bachman.*)
344. BASEBALL—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. Batting, 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. (6 hours. 3 credits. *Bedenk.*)
372. COACHING AND OFFICIATING—Objectives of physical education; department organization and administration; programs; teaching and supervising qualifications; supervision of gymnasiums, pools and playgrounds. (2 hours. 2 credits. *Haskell.*)
- 471 (472). COACHING AND OFFICIATING—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 intra-mural 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. (2 hours. 1 credit. *Haskell and Higgins.*)

**DAIRYING**

(Administered under the Department of Animal Husbandry and Dairying)

Professor Willoughby, Instructor Martin.

22. **ELEMENTS OF DAIRYING**—Composition and testing of milk; farm butter making; care of the dairy herd. (3 hours. No credit. Laboratory fee, \$1.00. Martin.)
201. **FARM DAIRYING**—Secretion and composition of milk; testing milk and its products; farm butter making, ice cream and soft cheese making. (2 class and 1 laboratory periods. 3 credits. Laboratory fee, \$2.00. Martin.)
202. **DAIRY MANAGEMENT**—Selection, feeding and management of a dairy herd; barns, equipment, marketing methods. (3 hours. 3 credits. Martin.)
301. **DAIRY MANUFACTURES**—Buying and testing cream; pasteurization; cream ripening and butter making; preparing the mix, freezing and hardening ice cream. (Prerequisite: Dairying 201. (3 class and 1 laboratory periods. 4 credits. Laboratory fee, \$3.00. Martin.)
302. **CITY MILK SUPPLY**—Methods of producing sanitary milk; operation of milk plants; duties of milk inspector, practice on local dairies. (Prerequisites: Dairying 201, 202, and Bacteriology. 2 hours. 2 credits. Martin, Willoughby.)
- 303-304. **CREAMERY MANAGEMENT**—Creamery construction, sewage disposal, refrigeration; creamery calculation and bookkeeping; marketing. (Prerequisites: Dairying 201 and 202. First or second semester; 3 hours. Credit, 1 1-2 year-hours. Martin.)

**DRAWING AND MECHANIC ARTS**

(For courses in Mechanic Arts, see page 203.)

**DRAWING**

Professor Strong, Instructor Walker

- 101 (102). **MECHANICAL DRAWING**—Geometrical problems, lettering, orthographic and isometric drawings, tracing and sketching. A text book is used. (Required of all engineering freshmen, both semesters; elective for non-engineering students. One 2 hour period and one 3 hour period, first semester; and one 3 hour period second semester, of drafting-room work. 4 credits, divided 2½-1½. Walker.)

- 201 (202). MACHINE DRAWING—Accurate, dimensioned working drawings made to scale, assembly drawings and some tracing required. (*Prerequisite: Drawing 101-102. Required of electrical and mechanical engineering sophomores; elective for non-engineering students. One 3 hour period of drafting-room work. 3 credits. Strong.*)

## ECONOMICS

Professor Matherly, Professor Anderson, Associate Professor Dolbeare, Associate Professor Myers, Associate Professor Dykman, Assistant Professor Hurst, Assistant Professor Atwood, Assistant Professor Eldridge, Assistant Professor Wilson, Graduate Assistant Peel.

Student Assistants: Boyd, Davidson and Putnam.

NOTE 1: The courses in economics 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 business administration are described under the College of Commerce and Journalism.

NOTE 2: While all courses in economics are open to, and in many cases required of, students in business administration, they are not offered primarily for such students. On the contrary, they are offered primarily for students in the arts and sciences—students interested either in the purely cultural values attaching to economics or in preparing themselves to become economic experts and teachers.

101. ECONOMIC HISTORY OF ENGLAND—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; etc.; effects on social and political development, and on development in the United States. (*3 hours. 3 credits. Myers, Dykman, Hurst.*)
102. ECONOMIC HISTORY OF THE UNITED STATES—Interpretative survey of industrial development; consideration of the development of industry, agriculture, trade and transportation, labor, banking, finance, population, etc., the influence of economic development on political and social development, and of foreign economic development on the United States. (*3 hours. 3 credits. Myers, Dykman, Hurst.*)
- 201 (202). PRINCIPLES OF ECONOMICS—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. (*3 hours. 6 credits. Anderson, Myers, Dolbeare, Eldridge.*)



302. 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. Each student is required to complete one or more projects in statistical investigation. (*Prerequisite: Economics 201-202. 3 hours. 3 credits. Anderson.*)
307. INTRODUCTION TO ECONOMICS—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. 3 hours. 3 credits. Dolbeare.*)
321. FINANCIAL ORGANIZATION OF SOCIETY—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: Economics 201-202. 3 hours. 3 credits. Dolbeare, Eldridge.*)
351. RAILWAY TRANSPORTATION—The development of railway transportation; the organization of transportation service; rate making; government regulation of railroads. (*Prerequisite: Economics 201-202. 3 hours. 3 credits. Anderson.*)
352. OCEAN TRANSPORTATION—A survey of present day overseas commerce and transportation together with an analysis of the underlying economic and geographic principles involved. Particular attention is given to the major commercial regions of the world, ocean trade routes, port and terminal facilities, ocean carriers and their cargoes, ship operation and management, ocean freight service and rates, marine insurance, and the merchant marine problems and policies of the chief maritime nations. (*Prerequisite: Economics 201-202. 3 hours. 3 credits. Atwood.*) Not given 1929-30.
381. ECONOMIC GEOGRAPHY OF NORTH AMERICA—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: Business Administration 103-104 and Economics 201-202. 3 hours. 3 credits. Atwood.*) Not given 1929-30.
383. ECONOMIC GEOGRAPHY OF NORTHWEST EUROPE—A detailed study of the economic activities in the chief countries of Northwestern Europe. An analysis of these activities in relation to the natural

geographic environment, and to the superimposed political complex. (*Prerequisites: Business Administration 103-104 and Economics 201-202. Atwood.*)

404. SOCIAL CONTROL OF BUSINESS ENTERPRISE—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: Economics 201-202. 3 hours. 3 credits. Hurst.*)
424. MONEY—Monetary and price theory; the evolution of monetary systems, and the nature and causes of some of the important monetary controversies of the past; present unsettled monetary problems; relationship between money and credit and the general price level under the existing financial structure; some consideration of the business cycle; controlling the general level of prices through the monetary system. (*Prerequisite: Economics 321. 3 hours. 3 credits. Dolbeare.*)
429. GOVERNMENT FINANCE—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: Economics 201-202. 3 hours. 3 credits. Anderson.*)
431. PRINCIPLES OF MARKETING—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 function in business management. (*Prerequisite: Economics 201-202. First semester, 3 hours. 1 1-2 credits. Wilson.*)
435. PRINCIPLES OF INTERNATIONAL TRADE—A survey of the underlying economic and geographic principles involved in international trade. A study of the visible and invisible ties that bind the citizens of one country to another. To show how factors such as location, climate, natural resources, economic development, racial characteristics, and social customs have determined the present economic interdependence of the nations of the world. (*Prerequisites: Business Administration 103-104 and Economics 201-202. 3 hours. 3 credits. Atwood.*)

436. FOREIGN TRADE TECHNIQUE—A study of the specific problems and practices involved in exporting and importing. Particular attention is given to ocean trade routes, port and terminal facilities, ocean carriers and their cargoes, marine insurance and the merchant marine problems and policies of the chief maritime nations. (*Prerequisites: Business Administration 103-104 and Economics 201-202. 3 hours. 3 credits. Atwood.*)
473. LABOR PROBLEMS—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: Economics 201-202. 3 hours. 3 credits. Myers.*)

## GRADUATE COURSES

504. PROBLEMS IN TRUST REGULATION—A critical study of industrial combinations. (*3 hours. 3 credits. Hurst.*)
524. SEMINAR IN MONEY—A critical study of past and present monetary problems and theories. (*3 hours. 3 credits. Dolbeare.*)
529. PROBLEMS IN GOVERNMENT FINANCE—Special studies in federal, state and local taxation. (*3 hours. 3 credits. Anderson.*)
535. SEMINAR IN INTERNATIONAL TRADE—Advanced work dealing with the development of International Trade. (*3 hours. 3 credits. Atwood.*)
- 569-570. SEMINAR IN STATISTICS AND BUSINESS FORECASTING—(*3 hours. 6 credits. Anderson.*)
- 573-574. SEMINAR IN LABOR PROBLEMS—Special problems are taken up for investigation and report. The student will have regular, individual appointments with the instructor, for the consideration of his individual problem. (*3 hours. 6 credits. Myers.*)

## EDUCATION

Professor Norman, Professor Fulk, Professor Garris, Professor Roemer, Assistant Professor Tolbert, Assistant Professor Simmons.

- 101-0101. HOW TO TEACH—*An Introduction to the Study of Classroom Teaching.*—What makes a good teacher? What makes a good school? When may it be said that one is educated? Such questions as these will be studied in the course. (*Required of all freshmen. 3 hours. 3 credits. Norman.*)

- 102-0102. 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. (*Freshmen may choose between Education 102 and Education 103. 3 hours. 3 credits. Simmons.*)
- 103-0103. HEALTH EDUCATION—Conditions and forces that affect the physical and mental vigor of children and teachers, and relate the school to the home and community; location and sanitation of the school plant; diseases and physical defects; mental hygiene; community hygiene; the teacher's health; teaching of Health Education. (*Students may choose between Education 102 and Education 103. 3 hours. 3 credits. Fulk.*)
- 203-0203. CHILD AND ADOLESCENT PSYCHOLOGY—The nature, growth and development of the child from birth through adolescence with reference to education; the original nature of the child and his education; cultivation of intelligent sympathy with children; the effect of Child and Adolescent Psychology on the practices of elementary and secondary schools. (*Required of sophomores. 3 hours. 3 credits. Fulk.*)
0207. EDUCATIONAL PSYCHOLOGY—Psychology applied to Education, the learning process, acquisition of skill, etc. (*Required of all students in Teachers College, preferably during the sophomore year. 3 hours. 3 credits. Roemer.*)
301. HIGH SCHOOL CURRICULUM—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 community. (*Required of juniors; 3 hours. 3 credits. Roemer.*)
- 303-304. METHODS OF TEACHING VOCATIONAL AGRICULTURE—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. (3 hours. 6 credits. Garris.)

306. VOCATIONAL EDUCATION—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. (3 hours. 3 credits. Garris.)
308. THE ELEMENTARY SCHOOL CURRICULUM—The present status of the elementary curriculum; an attempt to select and evaluate materials in terms of the nature and needs of child life, and the present social situation. (Required of juniors. 3 hours. 3 credits. Simmons.)
- 401-0401. ADMINISTRATION AND SUPERVISION OF VILLAGE AND CONSOLIDATED SCHOOLS—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. 3 hours. 3 credits. Fulk.)
402. PROBLEMS IN PUBLIC SCHOOL ADMINISTRATION AND SUPERVISION—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. (Elective for juniors and seniors. 3 hours. 3 credits. Fulk.)
403. PRINCIPLES OF EDUCATION—The relation of educational method to democracy; the laws of learning; socialized recitation; democracy in the classroom as a preparation for democracy in life. (Required of seniors; juniors admitted by permission. 3 hours. 3 credits. Norman.)
404. HISTORY AND PHILOSOPHY OF EDUCATION—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's "Democracy and Education." (Required of seniors who expect to be principals. 3 hours. 3 credits. Norman.)
- 405, 0405. SUPERVISED TEACHING—Practice in conducting recitations under close supervision. Lesson plans will be required for all reci-

tations and the manner of teaching will be subject to criticism. Teaching under supervision will be done in the Gainesville High School. Each student will be required to work in at least two high school subjects. Students preparing to teach agriculture must do their supervised teaching in that subject, and four (4) hours will be required. (See Education 409-410.) (*Required of seniors. 3 hours. 3 credits. Simmons.*)

407. JUNIOR HIGH SCHOOL—To give principals and teachers a knowledge of the Junior High School and its organization. Topics: Need of reorganization of the traditional high school; changes needed in the program of studies, discipline, methods of teaching, etc.; development of the Junior High School; special function of the Junior High School; organization, curricula and courses of study, etc., of the Junior High School. (*3 hours. 3 credits. Roemer.*)
408. HIGH SCHOOL ADMINISTRATION—The practical management and administration of the modern high school; duties of principal as head of school; relation of principal to board of education, superintendent, teachers, pupils and community; legal status of high school; systems of financing, supervision, promotion, retention and dismissal of teachers; adjustment of teaching load; testing and grading of pupils; problem of discipline; pupil guidance, activities, teachers' meetings, etc. (*Required of seniors who expect to be principals. 3 hours. 3 credits. Roemer.*)
- 409-410. SUPERVISED TEACHING OF VOCATIONAL AGRICULTURE—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. (*3 hours. 6 credits. Garris.*)
501. THE ELEMENTARY SCHOOL CURRICULUM—Seminar—An intensive study of the development, and present content of the elementary school curriculum, including the kindergarten; the selection and evaluation of material; the importance of the classroom teacher. (*3 hours. 3 credits. Fulk.*)
503. EDUCATIONAL TESTS AND MEASUREMENTS—Seminar—An intensive study of intelligence and educational tests. A thorough and systematic study of all the chief tests in both fields with laboratory material for class use so as to familiarize the student with the process of actually handling tests. (*3 hours. 3 credits. Roemer.*)

504. THE SCHOOL SURVEY—Seminar—The history and functions of the school survey; organizing and making a survey; collecting, interpreting and reporting data; the survey as a diagnostic instrument. Each student chooses some phase of the survey for special study, and gives the results of his study in the form of a thesis. (3 hours. 3 credits. Fulk.)
505. THE ORGANIZATION AND ADMINISTRATION OF EXTRA CURRICULAR ACTIVITIES IN JUNIOR AND SENIOR HIGH SCHOOLS—Constructive school policies having to do with the developing of the pupil's initiative, leadership, cooperation, etc. Plans that are now in operation in progressive schools. Special study of Florida high schools with reference to developing as a vital part of the school program extra curricular activities. (3 hours. 3 credits. Roemer.)
507. ADVANCED EDUCATIONAL PSYCHOLOGY—This course deals with the problems of Educational Psychology in the more advanced stages of development. (3 hours. 3 credits. Norman.)
508. DEMOCRACY AND EDUCATION—Seminar—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. (3 hours. 3 credits. Norman.)
509. PROBLEMS IN THE ADMINISTRATION OF A SCHOOL SYSTEM—Seminar—Open to graduate students who are qualified by experience and training to pursue advanced study on selected problems in administration. Problems will be 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. Students may work on chosen problems either singly or in small groups. (3 hours. 3 credits. Fulk.)
510. THE HISTORY OF EDUCATION—Seminar—An attempt to interpret and evaluate present-day education by tracing its dominant factors—the teacher (including the educational theorist, philosopher, reformer and statesman), the pupil and student, the curriculum, the educational plant, the means of control and the sources of support back to their beginnings; and in the light of the facts found, to point out present tendencies, and possible developments. (3 hours. 3 credits. Fulk.)

561. VISUAL METHODS IN VOCATIONAL AGRICULTURE—The preparation of charts, maps, placards, lantern slides, and other visual materials used in teaching vocational agriculture. (*1 recitation, 2 laboratory periods. 3 credits. Garris.*)
562. VOCATIONAL GUIDANCE—Analysis of vocations, occupational information, choosing a vocation, preparing for a vocation, placement of students, supervision of students placed on the job, and the organization necessary for carrying out a vocational guidance program. (*3 hours. 3 credits. Garris.*)

### ELECTRICAL ENGINEERING

Acting Professor Weil, Instructor Bennett.

202. A SHORT ELEMENTARY COURSE IN GENERAL ELECTRICAL ENGINEERING—Textbook used in 1928-1929: Benton: An Introductory Text on Electrical Engineering. (*Prerequisites: Mathematics 251 and Physics 209. Required of all sophomores in civil, electrical, and mechanical engineering, and juniors in chemical engineering; 2 recitations or lectures. 2 credits. Benton, Bennett.*)
204. LABORATORY WORK TO ACCOMPANY ELECTRICAL ENGINEERING 202—(*Laboratory fee, \$3.00. Required of sophomores in civil, electrical and mechanical engineering, and juniors in chemical engineering; 1 two-hour laboratory period. 1 credit. Weil, Bennett.*)
302. DIRECT-CURRENT THEORY AND APPLICATION—Text-books used in 1928-1929: Langsdorf's Direct-Current Machinery, and Karapetoff's Experimental Electrical Engineering. (*Prerequisites: Electrical Engineering 311 and 313. Required of electrical engineering juniors; 3 hours. 3 credits. Weil.*)
304. LABORATORY WORK TO ACCOMPANY ELECTRICAL ENGINEERING 302—(*Laboratory fee, \$5.00. Required of electrical engineering juniors; 2 two-hour laboratory periods. 2 credits. Weil, Bennett.*)
306. RADIO COMMUNICATION—Lectures, recitations, and laboratory work on circuits and elementary radio measurements. Text-book used in 1928-1929: Lauer and Broun's Radio Engineering Principles. (*Prerequisite: 1 year of College Physics. Laboratory fee, \$5.00. Elective for engineering students; open to non-engineering students; 2 classes and 1 two-hour laboratory period. 3 credits. Skellett.*)



311. ELECTRICAL THEORY—The work of this course is the same as that of Physics 311. Textbook used in 1928-1929: Starling: Electricity and Magnetism. (*Prerequisites: Physics 209 and Mathematics 251-252. Required of electrical engineering juniors; 2 class periods. 2 credits. Weil.*)
313. LABORATORY WORK TO ACCOMPANY ELECTRICAL ENGINEERING 311—(*Laboratory fee, \$1.50. Required of electrical engineering juniors; 1 two-hour laboratory period. 1 credit. Weil.*)
- 401 (402). ALTERNATING-CURRENT THEORY AND APPLICATIONS—Text-books used in 1928-1929: Magnusson's Alternating Currents. (*Prerequisites: Electrical Engineering 202-204 and 311-313. Required of electrical engineering seniors; 3 hours. 6 credits. Weil.*)
- 403 (404). DYNAMO LABORATORY WORK TO ACCOMPANY ELECTRICAL ENGINEERING 401-2—Text-book used in 1928-1929: Karapetoff's Experimental Electrical Engineering. (*Prerequisite: Electrical Engineering 301 and 303. Laboratory fee, \$5.00 per semester. Required of electrical engineering seniors. 1 three-hour laboratory period. 3 credits. Weil.*)
405. TELEGRAPH ENGINEERING—Text-book used in 1928-1929: Hausmann's Telegraph Engineering. (*Prerequisites: Electrical Engineering 311-313. Laboratory fee, \$2.00. Required of electrical engineering seniors. 1 recitation and 1 two-hour laboratory period. 2 credits. Skellett.*)
406. TELEPHONE ENGINEERING—Text-book used in 1928-1929: Kloeffler's Telephone Communication Systems. (*Prerequisites: Electrical Engineering 311-313, 405. Laboratory fee, \$2.00. Required of electrical engineering seniors. 1 class and 1 two-hour laboratory period. 2 credits. Benton.*)
- 417 (418). A GENERAL COURSE ON ELECTRICAL ENGINEERING, more advanced in scope than the introductory course, 202-204, but not as complete as the courses 302-4 and 401-4. (*Prerequisite: Electrical Engineering 202-204. Laboratory fee, \$5.00 per semester. Required of mechanical engineering seniors. 3 class and 3 laboratory hours first semester; 3 laboratory hours second semester. 6 credits, divided 4½-1½. 6 credits. Bennett.*)

430. **OPTIONAL COURSES**—In case of sufficient demand, any one of the following optional courses will be offered to electrical engineering seniors: *Electrical Power Measurements; Electrical Power Transmission; Electric Railways; Elementary Electrical Design, Central Station Design.* (Prerequisites: *Electrical Engineering 302-304 and 401-403.* 3 hours. 3 credits. *Weil, Bennett.*)
456. **ILLUMINATION AND WIRING OF BUILDINGS**—(Prerequisite: *Physics 105-108. Required of architectural seniors; 1 lecture or recitation. 1 credit. Benton.*) May be arranged to last only a part of a semester, with corresponding increase in the hours per week.
- (501) (502). **ADVANCED EXPERIMENTAL ELECTRICAL ENGINEERING**—(Primarily for graduate students. Given upon demand. Credit variable. *Weil, Bennett.*)

## ENGLISH

Professor Farr (Head of Department), Professor Robertson (Director of Freshman English), Associate Professor Little, Associate Professor Farris, Assistant Professor Caldwell, Instructors Wise, Jarrell, Peterson, Gay, Mounts.

21. **MINIMUM ESSENTIALS OF ENGLISH**—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.* 3 hours. No credit.)
- 101 (102). **RHETORIC AND COMPOSITION**—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.* 3 hours. 6 credits. *Robertson and Staff.*)
- 103 (104). **INTRODUCTION TO LITERATURE**—A survey of the literatures of the Western world from the beginnings to the Renaissance. (*Required of freshmen in A.B. course.* 3 hours. 4 credits. *Farr, Farris, Robertson, Caldwell, Peterson.*)
- 201-202. **HISTORY OF LITERATURE**—A basic course in the historical development of English literature. (3 hours. 6 credits. *Farr, Robertson, Caldwell, Gay.*)

203. THE SHORT STORY—Narrative practice in the anecdote and tale, with particular attention to the technique and development of the short story. (*Prerequisite: English 101-102. 3 hours. 3 credits. Farris.*)
204. THE ENGLISH ESSAY—A practical study of the various types of exposition, with special attention to the essay. (*3 hours. 3 credits. Farris.*)
301. SHAKESPEARE AND THE DRAMA—A study of principal Shakespearean plays, through lectures, essays, and readings. (*3 hours. 3 credits. Farr.*)
302. THE DRAMA BEFORE SHAKESPEARE—The classical drama, the religious play, the beginnings of secular drama, and Shakespeare's predecessors. (*3 hours, 3 credits. Farr.*)
- 303 (304). ENGLISH POETRY OF THE NINETEENTH CENTURY—Discussion of the roots of the Romantic Revival; the work of Wordsworth, Byron, Shelley, and Keats; poetry of the Victorian age. (*3 hours. 6 credits. Farris.*)
355. BUSINESS WRITING—A practical study of the principal types of business letters and reports. Required of students in Business Administration. See Business Administration 355. (*Prerequisite: English 101-102. 3 hours. 3 credits. Mounts.*)
401. AMERICAN POETRY—A rapid survey of the development of poetry in the United States. (*3 hours. 3 credits. Farris.*)
402. SOUTHERN LITERATURE—A detailed study, with extensive reading and essay work; examination of the claims of Florida authors. (*3 hours. 3 credits. Farris.*)
- 403 (404). THE ENGLISH NOVEL—The historical development and technique of the English Novel. (*3 hours. 6 credits. Farr.*)
405. ENGLISH DRAMA FROM SHAKESPEARE TO SHERIDAN—The decline of drama after Shakespeare; Restoration drama; eighteenth century comedy. (*3 hours. 3 credits. Robertson.*)
406. MODERN DRAMA—Recent and contemporary playwrights, from Ibsen to Eugene O'Neill. (*3 hours. 3 credits. Robertson.*)

407. MODERN NOVEL—Reading and discussion of the work of English and American novelists of the present, with some attention to continental influences. (3 hours. 3 credits. Robertson.)
408. CONTEMPORARY POETRY—The influence of Whitman; contemporary English and American poets. (3 hours. 3 credits. Robertson.)
- 409 (410). CHAUCER—Extensive reading in the “Canterbury Tales”, “Troilus,” and minor works. (3 hours. 6 credits. Robertson.)
- 411 (412). ENGINEERING EXPOSITION—A special course for Engineering students in the various kinds of writing needed in their profession. (Engineering seniors. 1 hour. 2 credits. Farris.)
- 413-414. ANGLO-SAXON—Anglo-Saxon grammar; reading of Alfredian prose, “Beowolf,” and other Anglo-Saxon literature. (3 hours. 6 credits. Farr, Robertson.)
- 503-504. SEMINAR—Reading course for graduate students. (6 hours. 6 credits. Farr, Robertson.)

## ENTOMOLOGY AND PLANT PATHOLOGY

(For Plant Pathology see page 223.)

Professor Gray, Instructor Dickey, Mr. Creighton.

### ENTOMOLOGY

21. FARM, GARDEN AND ORCHARD INSECTS—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. (Short Courses. Laboratory fee, \$2.00. 2 class and 1 laboratory periods. No credit. Dickey.)
302. ECONOMIC ENTOMOLOGY—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. 2 class and 2 laboratory periods. 4 credits. Gray, Dickey, Creighton.)
- 303-304. ADVANCED ECONOMIC ENTOMOLOGY—Field and laboratory problem work and insectary work in the rearing of some of the more common Florida insects. The study of natural parasites and the special technique required by professional workers in this line will be given. (Laboratory fee, \$3.50. Prerequisite: Entomology 302. 4 hours. 8 credits. Gray.)

401. TAXONOMY—The collection, study and classification of local economic insects with special emphasis on some one group. (*Prerequisite: Entomology 302. Hours and credit to be arranged. Gray.*)
402. FRUIT INSECTS—A study of pests encountered in deciduous, tropical and citrus fruits, with detailed study of representative life histories and measures adapted to their control. (*Laboratory fee, \$3.50. Prerequisite: Entomology 302. 2 class and 1 laboratory periods. 3 credits. Gray, Dickey.*)
403. GARDEN AND GREENHOUSE PESTS—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. (*Laboratory fee, \$3.50. Prerequisite: Entomology 302. 2 class and 1 laboratory periods. 3 credits. Gray, Dickey.*)
405. INSECTICIDES AND FUNGICIDES—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. 1 class and 2 laboratory periods. 3 credits. Gray, Dickey.*)
406. INSECTICIDES AND FUNGICIDES—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. 1 class and 2 laboratory periods. 3 credits. Gray, Dickey.*)
- 407-403. ADVANCED INSECT MORPHOLOGY—(*Hours and credit to be arranged. Gray.*)
- 501-502. RESEARCH—Course in special laboratory, insectary and field methods. For graduate students. A survey of the leading problems and methods in certain laboratories and practice in the more complicated methods of technique will be undertaken. (*Hours and credit to be arranged. Gray.*)
- 503-504. PROBLEMS IN ENTOMOLOGY—Senior and 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 the department. (*Hours and credit to be arranged. Gray.*)

## FRENCH

Professor Atkin, Assistant Professor Brunet, Instructor Stevens, Instructor Huston.

21 (22). ELEMENTARY FRENCH—Course for beginners. (3 hours. 6 credits.)

101 (102). THIRD AND FOURTH SEMESTER FRENCH—Second year college French. (3 hours. 6 credits.)

103-104. ELEMENTARY CONVERSATION AND COMPOSITION—(Prerequisite: French 21-22 or equivalent. 2 hours, 4 credits. Brunet.)

\*201-202. THIRD YEAR READING—(Prerequisite: French 101-102. 3 hours. 6 credits. Stevens.)

205-206. INTERMEDIATE CONVERSATION AND COMPOSITION—(Prerequisite: French 104; or equivalent and permission of instructor. 2 hours. 4 credits. Atkin.)

\*207-208. SURVEY OF FRENCH LITERATURE—An outline course based on the reading and discussion of representative selections from important prose writers and poets. (Prerequisite: French 102 with grade of A or B; or equivalent and permission of the instructor. 3 hours. 6 credits. Brunet.)

303-304. NINETEENTH CENTURY FRENCH LITERATURE—Literary movements and tendencies; leading authors studied in representative works. (Prerequisite: French 207-208; or equivalent and permission of instructor. 3 hours. 6 credits. Atkin.)

305-306. ADVANCED CONVERSATION AND COMPOSITION—(Prerequisite: French 206; or equivalent and permission of instructor. 2 hours. 4 credits. Brunet.)

409-410. CONTEMPORARY FRENCH LITERATURE—Modern tendencies as revealed in outstanding authors. Lectures, readings and reports. (3 hours. 6 credits. Atkin.)

505-506. THE FRENCH NOVEL—Its evolution, from the seventeenth century to the present, with special emphasis on the nineteenth century; reading of representative novels; reports. (3 hours. 6 credits. Atkin.)

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\*NOTE: 201-202 and 207-208 are parallel courses of third-year college grade, and ordinarily students may not take both courses for credit. Those who received a grade of A or B in 102 should take 207-208; those who received a lower grade should take 201-202.

507-508. SPECIAL STUDY IN FRENCH LITERATURE—Individual reading and reports, in some definite field or period, under supervision of the instructor. (3 hours. 6 credits. *Atkin, Brunet.*)

## GEOLOGY

(Administered under the Department of Biology and Geology)

Associate Professor Hubbell

201. PHYSICAL GEOLOGY—The origin, materials, and structure of the earth; the agencies which produce geological changes. (3 hours. 3 credits. *Hubbell.*)

202. HISTORICAL GEOLOGY—An introductory course in historical and stratigraphical geology. (*Prerequisite: Geology 201.* 3 hours. 3 credits. *Hubbell.*)

## GERMAN

(Administered under the Department of Spanish and German)

Professor Crow,

21 (22). ELEMENTARY COURSE—Pronunciation, forms, elementary syntax, dictation, written exercises, memorizing of vocabularies and short poems, translation. (3 hours. 6 credits.)

101-102. INTERMEDIATE COURSE—Work of elementary course continued, advanced grammar, including syntax, prose composition, translation, sight reading, parallel. (3 hours. 6 credits.)

201-202. ADVANCED COURSE—Syntax, stylistic, composition, translation, parallel. (3 hours. 6 credits.)

301-301. READINGS IN SCIENTIFIC GERMAN—(*Prerequisite: German 102.* 3 hours. 3 credits.)

401-402. GENERAL SURVEY OF GERMAN LITERATURE—(*Prerequisite: German 102.* 2 hours. 4 or 6 credits.)

403-404. LITERATURE OF THE CLASSIC PERIOD—(*Prerequisite: German 402.* 2 hours. 4 or 6 credits.)

405-406. PHILOLOGY—A study of historical grammar and readings from Old and Middle High German texts. (*Prerequisite: Consent of instructor.* 2 hours. 4 or 6 credits.)

## GREEK

(Administered under the Department of Ancient Languages)

Professor Anderson, Associate Professor Petersen.

- 21 (22). FIRST YEAR GREEK—Based on a book for beginners. Anabasis Book I with grammar and prose composition. (3 hours. 6 credits. Petersen.)
- 103 (104). GRAMMAR AND PROSE COMPOSITION—An intermediate course in Prose Composition. A systematic study of Greek Grammar. (2 hours. 4 credits. Petersen.)
- 105 (106). XENOPHON AND PLATO-ANABASIS CONTINUED—The easier dialogues of Plato, Prose Composition, Grammar. (3 hours. 6 credits. Anderson.)
0202. LYSIAS—Selected Orations of Lysias or other Attic Orators. (3 hours. 3 credits. Anderson.)
203. BIBLICAL GREEK—Selections from the Septuagint and New Testament. (3 hours. 3 credits. Anderson.)
205. GREEK HISTORY—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. (3 hours. 3 credits. Petersen.)
- 206—HISTORY OF GREEK LITERATURE—Preceded by a short study of Greek Life and Customs. A knowledge of the Greek language is highly desirable, but it is not required for this course. (3 hours. 3 credits. Petersen.)
207. HOMER—Selections from the Iliad and the Odyssey. (3 hours. 3 credits. Anderson.)
301. HERODOTUS AND THUCYDIDES—Selections from the Greek historians. (3 hours. 3 credits. Anderson.)
302. EURIPIDES AND SOPHOCLES—Selections from the Greek dramatists. (3 hours. 3 credits. Anderson.)



## HISTORY AND POLITICAL SCIENCE

(For courses in Political Science see page 224.)

Professor Leake, Professor Evans, Assistant Professor Tribolet, Instructor Glunt,  
Instructor Carleton.

The courses in American History and in American Government and Constitutional Law are made possible by the Chair of Americanism and Southern History—endowed by the American Legion, Department of Florida.

### HISTORY

- 101 (102). EUROPE DURING THE MIDDLE AGES—A general course in the history of Western Europe from the Teutonic migrations to the Reformation. (*Prerequisite for all higher courses. 3 hours. 6 credits. Leake, Evans.*)
- 201 (202). MODERN EUROPEAN HISTORY—The characteristic features of the Old Regime, the French Revolutionary and Napoleonic Periods and the development of Europe from the Congress of Vienna to the Congress of Versailles. (*3 hours. 6 credits. Leake.*) Given 1929-30.
- 203 (204). LATIN AMERICAN HISTORY—(*3 hours. 6 credits. Evans.*) Given 1929-30.
208. HISTORY OF ROME—(Same as Latin 208).
- 209 (210). FRENCH REVOLUTION AND NAPOLEON—(*3 hours. 6 credits. Leake.*) Given 1930-31.
- 301 (302). AMERICAN HISTORY, 1492 TO 1830—(*3 hours. 6 credits. Leake.*) Given 1929-30.
- 303 (304). AMERICAN HISTORY, 1830 TO THE PRESENT—(*3 hours. 6 credits. Leake.*) Given 1928-29.
- 305 (306). ENGLISH HISTORY—(*3 hours. 6 credits. Evans.*) Given 1928-29.
- 307 (308). THE RENAISSANCE AND THE REFORMATION—Study of the causes, development and results of these great intellectual and religious movements. (*For advanced students only. 3 hours. 6 credits. Evans.*) Given 1929-30.

## HORTICULTURE

Professor Floyd, Professor Lord, Assistant Professor Abbott.

21. **INTRODUCTION TO HORTICULTURE**—The fundamental principles of horticulture; practice in the culture, propagation, pruning and training of the important fruit and ornamental plants of Florida. (*Short Courses. Laboratory fee, \$1.00. 2 class and 1 laboratory periods. No credit. Abbott.*)
22. **AGRICULTURAL BOTANY**—The relationship, habits, characteristics and environmental relations of the important crop plants, with laboratory study of principal types. (*Short Courses. Laboratory fee, \$2.00. 2 class and 1 laboratory periods. No credit. Deonir.*)
101. **ELEMENTS OF HORTICULTURE**—The fundamental activities of plant life with reference to the growth of orchard and garden crops. A study of propagation by budding, grafting, cuttings, etc., seed selection, transplanting, pruning, spraying, frost protection, etc. (*Laboratory fee, \$1.00. 2 class and 1 laboratory periods. 3 credits. Abbott.*)
202. **FUNDAMENTALS OF FRUIT PRODUCTION**—A general introductory course in the theory and practice of fruit growing. A detailed study of the nature of the responses of fruit trees. (*3 hours. 3 credits. Abbott.*)
204. **PRUNING**—Principles of pruning and training; the physiological principles involved; practice in pruning and training fruit and ornamental plants. (*Laboratory fee, \$1.00. 2 class and 1 laboratory periods. 3 credits. Abbott.*)
206. **TRUCKING**—Origin, relationship and classification of different truck crops, varieties, cultural methods in different sections, fertilizing, irrigating and harvesting. Planning the home garden. (*Laboratory fee, \$1.00. 2 class and 1 laboratory periods. 3 credits. Abbott.*)
301. **ADVANCED TRUCKING**—Soils suited to the leading commercial truck crops of Florida, cultural methods, fertilizing, irrigating, controlling insects and diseases, harvesting, packing and marketing. (*Prerequisite: Biology 101-102. Laboratory fee, \$2.00. 2 class and 1 laboratory periods. 3 credits. Abbott.*)
303. **FLORICULTURE**—The growing of flowers upon the home grounds, pot plants, greenhouse crops and their cultural requirements, includ-

- ing ventilation, watering and heating. (*Prerequisites: Horticulture 101. Laboratory fee, \$2.00. 2 class and 1 laboratory periods. 3 credits. Floyd.*)
304. COMMERCIAL FLORICULTURE—A study of commercial flower crops grown either in the open, under lath, or in greenhouse. Methods of packing and marketing will receive attention. (*Prerequisites: Horticulture 101 and 303. Laboratory fee, \$2.00. 1 class and 2 laboratory periods. 3 credits. Floyd.*)
305. CITRUS CULTURE—The citrus grove; site and soil selection; preparation, planting and management; selection of varieties and stocks, and the use of cover crops. (*Prerequisite: Horticulture 202. Laboratory fee, \$1.00. 2 class and 1 laboratory periods. 3 credits. Lord.*)
306. CITRUS HARVESTING, MARKETING AND JUDGING—Methods of picking, handling, washing, drying, packing and shipping citrus fruits; identification and judging of varieties. (*Prerequisite: Horticulture 305. Laboratory fee, \$1.00. 2 class and 1 laboratory periods. 3 credits. Lord.*)
307. SUBTROPICAL FRUITS—Avocados, mangoes, pineapples and other tropical and subtropical fruits particularly adapted to Florida; culture, varieties, insects, diseases, etc. (*Prerequisites: Horticulture 101 and 202. Laboratory fee, \$1.00. 2 class and 1 laboratory periods. 3 credits. Lord.*)
308. DECIDUOUS FRUITS—Peaches, pears, grapes, pecans, and other deciduous fruits with special reference to Florida conditions, culture, varieties, insects, diseases, etc. (*Prerequisites: Horticulture 101 and 202. Laboratory fee, \$1.00. 2 class and 1 laboratory periods. 3 credits. Lord.*)
401. ADVANCED CITRUS PROBLEMS—An advanced course especially emphasizing the problems offered by varying sites, soils, climates, stocks, varieties, etc. (*Prerequisite: Horticulture 305. Laboratory fee, \$1.00. 2 class and 1 laboratory periods. 3 credits. Lord.*)
402. BREEDING HORTICULTURAL PLANTS—The application of the principles of genetics to the breeding and improvement of horticultural plants. Methods of successful breeders of horticultural plants. Field work. (*Prerequisites: Horticulture 202 and Biology 106. Laboratory fee, \$1.00. 2 class and 1 laboratory periods. 3 credits. Lord.*)

411. GENERAL FORESTRY—The principles of forestry, forest cropping, protecting the home wood lot, use of Florida woods, varieties of timber trees, and the influences of the forests on other industries of the State. (3 hours. 3 credits. Floyd.)
- 503-504. HORTICULTURE SEMINAR—A study of current horticultural literature and practice, assigned topics and discussion. (1 hour. 2 credits. Lord, Abbott.)
- 505-506. HORTICULTURAL PROBLEMS—A critical study of advanced problems in horticulture as given in recent literature; methods used in experimental horticulture; results of experiments and their application. (2 hours. 4 credits. Lord.)
- 507-508. RESEARCH WORK—Specific problems in horticulture. (3 hours. 6 credits. Floyd, Lord, Abbott.)

## JOURNALISM

Professor Emig, Assistant Professor Ingle, Assistant Professor Hurst,  
Student Assistant Notley.

- 103 (104). INTRODUCTION TO JOURNALISM—A general survey of the broad field of journalistic activities, and a detailed study of literature in its relation to the press. Intensive practice in the technique of forceful writing for newspapers and magazines. (3 hours. 6 credits. Emig.)
205. HISTORY OF AMERICAN JOURNALISM—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. (Prerequisite: Journalism 101-102. 3 hours. 3 credits. Emig.)
206. PRINCIPLES OF JOURNALISM—Lectures, readings, and discussion of the relation of the newspaper to government and society, and the ethics and psychology of journalism; editorials, and advertising; questions of stories relating to crime, labor, religion, politics, news suppression, propaganda, and publicity. (3 hours. 3 credits. Emig.)
- 301 (302). NEWSPAPER REPORTING AND WRITING—Lectures, and intensive practice in news-gathering and writing. Students are taught by practice, followed by class discussion and a weekly conference with the instructor. (3 hours. 6 credits. Emig.)

- 309 (310). NEWSPAPER AND MAGAZINE EDITING—Instruction and practice in editing copy, correcting proof, writing headlines, and other details of editing. (3 hours. 6 credits. *Emig.*) Offered in alternate years after 1929-30.
311. SPORTS WRITING—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. Offered annually, beginning 1930. (3 hours. 3 credits. *Ingle.*)
313. THE WRITING OF SPECIAL FEATURE ARTICLES—Lectures and practice in preparing special feature articles for newspaper and magazine publication. Analysis of style and appeals of various types of articles. (3 hours. 3 credits. *Ingle.*)
314. THE WRITING OF SPECIAL ARTICLES—Instruction and practice in methods of popularizing scientific and technical material relating to government and politics, economics, education, and social service for publication in newspapers and magazines. (3 hours. 3 credits. *Ingle.*)
315. COMMUNITY NEWSPAPER MANAGEMENT—A study of the editorial, advertising, and circulation problems peculiar to the community or small-town weekly and daily newspapers. (3 hours. 3 credits. *Ingle.*) Offered in alternate years after 1930-31.
316. AGRICULTURAL NEWS WRITING—A course in journalistic writing 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. (3 hours. 3 credits. *Ingle.*)
318. NEWSPAPER MANAGEMENT—A critical study of the principles and problems of circulation, advertising, business, and editorial management of newspapers; cost finding, accounting systems, and business policy. (3 hours. 3 credits. *Ingle.*) Not given 1929-30.
403. THE PRESS IN WORLD SOCIETY—A study of the press in an effort to coordinate the student's knowledge of journalism with the broad sweep of civilization; the relation of the press to world problems, education, progress, and contemporary thought and literature. (3 hours. 3 credits. *Emig.*) Not given 1929-30.

404. THE DEVELOPMENT OF PUBLIC OPINION—A study of the elements and factors entering into the formation of public opinion, with especial emphasis on the press; the relation of the press to sound government. Also, a study of principles of publicity, and practice in writing publicity articles. (3 hours. 3 credits. *Emig.*) Not given 1929-30.
405. INDUSTRIAL AND TRADE JOURNALISM—An analysis of the leading business publications, their history, standards, and style. Practice in gathering, writing, and editing of news and special articles for publication. Editorial and business problems involved in the management of industrial and trade publications. (3 hours. 3 credits. *Ingle.*) Offered in alternate years after 1929-30.
406. MECHANICS OF PUBLISHING—A study of the best standards of practice in typography from the standpoint of purpose, legibility, contrast, form, and balance; the processes and costs of mechanical equipment for engraving, electrotyping, stereotyping, and printing. (3 hours. 3 credits. *Ingle.*) Offered in alternate years after 1929-30.
407. EDITORIAL WRITING—The theory and practice of editorial writing; the analysis of editorial policies; the interpretation of current events and contemporary thought. (3 hours. 3 credits. *Ingle.*)
408. LITERARY CRITICISM—This course is intended to prepare students for writing critical reviews for publication. It involves an intensive survey of all literature, poetry, fiction, essays, history, biography, motion picture plays, drama, and an appraisal in terms of the highest literary standards. A wide range of intensive reading is required. (*Open to any senior.* 3 hours. 3 credits. *Ingle.*)
409. LAW OF THE PRESS—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. (3 hours. 3 credits. *Hurst.*)

#### GRADUATE COURSES

- 501-502. SPECIAL STUDIES IN JOURNALISTIC WRITING—(3 hours. 6 credits. *Ingle.*)
- 503-504. SPECIAL STUDIES IN NEWSPAPER PRODUCTION—(3 hours. 6 credits. *Emig.*)

## LANDSCAPE DESIGN

Professor Floyd, Associate Professor Burritt.

- 207-208. ELEMENTS OF LANDSCAPE DESIGN—Scope, methods and application to simple problems in design. (*1 class and 2 laboratory periods. 6 credits. Burritt.*)
210. HISTORY OF LANDSCAPE DESIGN—Development from early to modern times. Relation to other arts and their influence. (*3 hours. 3 credits. Burritt.*)
212. PLANT MATERIALS—The study of trees, shrubs and herbaceous plants suited to Florida conditions, their characteristics, landscape values, and their arrangement. (*Prerequisites: Horticulture 101 and Botany 101-102. 1 class and 2 laboratory periods. 3 credits. Floyd.*)
- 309-310. LANDSCAPE DESIGN—Design of home grounds, estates and public properties based on definite surveys. (*1 class and 2 laboratory periods. 6 credits. Burritt.*)
- 405-406. ADVANCED PLANTING, COMPOSITION AND DESIGN—The use of plants in various types of landscape problems, including design of public, semi-public and private properties. (*1 class and 2 laboratory periods. 6 credits. Burritt.*)
403. CITY AND TOWN PLANNING—The underlying ideas of civic design, historic development, and broader phases of city planning. (*3 hours. 3 credits. Burritt.*)

## LATIN

Professor Anderson, Professor Simonds, Associate Professor Petersen.

(Administered under the Department of Ancient Languages)

- 21 (22). FIRST YEAR LATIN—Based on a book for beginners. (*3 hours. 6 credits. Petersen.*)
- 31 (32). CAESAR—With grammar and prose composition. (*3 hours. 6 credits. Petersen.*)
- 41 (42). CICERO AND VIRGIL—With grammar and prose composition. (*3 hours. 6 credits. Petersen.*)
- (101). OVID—Selections; Review of Grammar; Prose Composition; Prosody. (*3 hours; 3 credits. Petersen.*)
- (102). CICERO OR LIVY—Cicero's *De Senectute* and *De Amicitia* or Selections from Livy. (*3 hours. 3 credits. Petersen.*)

201. PLINY—Selections from Pliny's Letters. (3 hours. 3 credits. *Anderson.*)
202. HORACE—Selections from the Satires, Epistles, Odes, and Epodes, with a study of the Horatian Metres. (3 hours. 3 credits. *Anderson.*)
- 203 (204). GRAMMAR AND PROSE COMPOSITION—An intermediate course in Prose Composition in connection with a systematic study of Latin grammar. (2 hours. 4 credits. *Petersen.*)
206. HISTORY OF ROMAN LITERATURE—Preceded by a short study of Roman Life and Customs. (3 hours. 3 credits. *Simonds.*)
208. HISTORY OF ROME—(3 hours. 3 credits. *Simonds.*)
253. ROMAN LAW—The fundamental legal conceptions which are found in Roman Law. (*Prerequisite desirable: at least two years of Latin.* 3 hours. 3 credits. *Simonds.*)
255. ROMAN LAW—An extension of preceding course but independent of it; course 253 not a prerequisite. (3 hours. 3 credits. *Simonds.*)
301. JUVENAL AND TACITUS—Selections from the Satires of Juvenal and from the Histories or Annals of Tacitus. (3 hours. 3 credits. *Anderson.*)
302. THE ELEGY—Selections from Catullus, Tibullus, Propertius, and Ovid. (3 hours. 3 credits. *Anderson.*)
- 303 (304). ADVANCED PROSE COMPOSITION—A continuation of Latin 203-204, open only to those students who have completed Latin 203-204 or equivalent. (2 hours. 4 credits. *Petersen.*)
401. PLAUTUS—Selected comedies. (3 hours. 3 credits. *Anderson.*)
402. TERENCE AND SENECA—Selected plays. (3 hours. 3 credits. *Anderson.*)

## LAW

Dean Trusler, Professor Cockrell, Professor Crandall, Professor Slagle,  
Professor Thompson, Associate Professor Te Selle.

301. TORTS—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. (5 credits. *Trusler.*)



302. EQUITY JURISPRUDENCE—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. (5 credits. Trusler.)
303. CONTRACTS—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; Woodruff's Cases on Contract, fourth edition. (3 credits. Thompson.)
304. CONTRACTS—Joint obligations; interpretation of contracts; rules relating to evidence and construction; discharge of contract. Textbook: Huffcut and Woodruff's Cases on Contract, fourth edition. (3 credits. Thompson.)
305. CRIMINAL LAW—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. (2 credits. Cockrell.)
306. MARRIAGE AND DIVORCE—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. (1 credit. Cockrell.)
307. CRIMINAL PROCEDURE—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. (2 credits. Cockrell.)
308. COMMON LAW PLEADING—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. (Two sections. 3 credits. Crandall.)

309. PROPERTY—Personal property; possession and rights based thereon; acquisition of title; liens and pledges; conversion. Textbook: Warren's Cases on Property. (2 credits. Crandall.)
310. SALES—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. (1 credit. Te Selle.)
312. PROPERTY—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. (2 credits. Crandall.)
401. UNITED STATES CONSTITUTIONAL LAW—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. (4 credits. Slagle.)
- 402—EVIDENCE—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. (4 credits. Cockrell.)
403. AGENCY—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. (2 credits. Thompson.)

404. QUASI CONTRACTS—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. (2 credits. Crandall.)
405. EQUITY PLEADING—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. (3 credits. Te Selle.)
406. PRIVATE CORPORATIONS—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. (3 credits. Slagle.)
407. BRIEF MAKING AND THE USE OF LAW BOOKS—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. (Two sections. 1 credit. Crandall.)
408. LEGAL ETHICS—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 to society. Textbooks: Attorneys at Law in Ruling Case Law and the Code of Ethics adopted by the American Bar Association. (1 credit. Te Selle.)
409. PROPERTY—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. (3 credits. Crandall.)

410. PROPERTY—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: Warren's Cases on Wills. (3 credits. Thompson.)
411. FLORIDA CONSTITUTIONAL LAW\*—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. Textbooks: Constitution, statutes and judicial decisions of Florida. (2 credits. Trusler.)
412. FLORIDA CIVIL PRACTICE\*—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. (Section B. 3 credits. Cockrell.)
413. CODE PLEADING\*—Changes introduced by the codes; forms of action; necessary allegations; the complaint; prayer for relief, including general and special denials; new matter; equitable defenses; counter claims; pleading several defenses; replies and demurrers. Textbook: Keigwin's Cases in Code Pleading. (2 credits. Thompson.)
414. TRIAL PRACTICE\*\*—Jurisdiction; process; the jury; instructions; trials; verdicts; judgments; new trials; bills of exceptions. Textbook: McBaine's Cases on Trial Practice. (3 credits. Te Selle.)
501. INSURANCE—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. (1 credit. Te Selle.)
502. DAMAGES—General principles; nominal; compensatory; exemplary; liquidated; direct and consequential; proximate and remote; general and special; measure in contract and tort actions; entire damages in one action; mental suffering; avoidable consequences;

\*For students intending to practice in Florida.

\*\*For students not intending to practice in Florida.

- 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. (2 credits. *Trusler.*)
503. PUBLIC SERVICE CORPORATIONS—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. (2 credits. *Slagle.*)
504. MUNICIPAL CORPORATIONS—Creation of cities and towns; powers of a municipality, including public powers, power of taxation, power over streets and alleys, etc.; obligations and liabilities of municipal corporations; powers and liabilities of officers. Textbook: Elliott on Municipal Corporations, third edition. (1 credit. *Cockrell.*)
505. FEDERAL PROCEDURE—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. (2 credits. *Slagle.*)
506. NEGOTIABLE INSTRUMENTS—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. (3 credits. *Slagle.*)
507. BANKRUPTCY—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. (2 credits. *Te Selle.*)
508. CONFLICT OF LAWS—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. (3 credits. Slagle.)

509. PARTNERSHIP—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. (2 credits. Thompson.)
510. ABSTRACTS—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. (1 credit. Thompson.)
511. ADMIRALTY—Jurisdiction; contracts, torts, crimes; maritime liens, *ex contractu*, *ex delicto*, priorities, discharge; bottomry and respondentia obligations; salvage; general average. Textbook: Hughes on Admiralty. (1 credit. Slagle.)
512. TRUSTS—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: Boger on Trusts; selected cases. (2 credits. Thompson.)
513. PROPERTY—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. (3 credits. Crandall.)
515. MORTGAGES — 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. 2 credits. Cockrell.)
516. ROMAN LAW\*—Readings, references, and reports. Subjects treated: Roman Public Law; Roman International Law; Stoic Philosophy and

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\*Only three semester hours of Roman Law will be counted toward a degree.

the Jus Gentium; Christianity and the Roman Law; Roman Law in Mediaeval Europe; The Revival of Roman Law; The Roman Element in Modern Jurisprudence. (3 credits. Simonds.)

517. ROMAN LAW—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. (3 credits. Simonds.)
518. PRACTICE COURT—(1 credit. Te Selle.)
519. PRACTICE COURT—(1 credit. Te Selle.)

### MATHEMATICS

Professor Simpson, Associate Professor Wilson, Associate Professor Little,\* Assistant Professor Phipps, Assistant Professor Kokomoor, Assistant Professor Dostal, Assistant Professor Messick, Instructor Kusner, Instructor Craig.\*\*

NOTE: Not all of the courses numbered above 200 are given any one year. Course 85, if not taken for entrance unit, may apply toward college credit.

- 85-085. PLANE TRIGONOMETRY AND LOGARITHMS—A study of the triangle and its practical uses. Theory and application of logarithms as an aid to computation. This course is a prerequisite to all other Mathematics courses for students who do not present Trigonometry for entrance. (3 hours. 3 credits.)
- 101-0101. COLLEGE ALGEBRA—An elementary treatment of the nature of Mathematics and a somewhat detailed study of a few of the simpler branches of Algebra. (3 hours. 3 credits.)
- 102-0102. PLANE ANALYTIC GEOMETRY—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: Mathematics 85 and Mathematics 101. 3 hours. 3 credits.)
- 103-0103. BUSINESS MATHEMATICS—Application of algebraic methods to a study of simple and compound interest in connection with fundamental financial problems of banking and the business world. (For students in Business Administration. 3 hours. 3 credits. Kusner, Phipps, Simpson.)

\*Part time only.

\*\*On leave 1928-29.

- 151 (152). ELEMENTARY MATHEMATICAL ANALYSIS—Substantially the same subject matter as that of Mathematics 101 and 102, but especially arranged for engineering students. (3 hours. 6 credits. Phipps, Kusner, Messick, Dostal.)
- 251 (252). DIFFERENTIAL AND INTEGRAL CALCULUS—The mathematical theory of rates of change, with applications to problems in the sciences. Measurement of irregular magnitudes by the method of infinitesimal subdivision. (3 hours. 6 credits. Dostal, Kusner, Messick, Kokomoor, Phipps, Wilson.)
311. ADVANCED COLLEGE ALGEBRA—A more careful study of the subject matter in Mathematics 101 and an introduction to some of the more advanced topics in Algebra. (3 hours. 3 credits. Wilson.)
320. THEORY OF EQUATIONS, COMPLEX NUMBERS AND DETERMINANTS—Treats of methods of solution of equations of higher degree. (3 hours. 3 credits. Wilson.)
331. COLLEGE GEOMETRY—A direct continuation of High School Geometry. (3 hours. 3 credits. Kokomoor.)
- 351 (352). CALCULUS AND SOLID ANALYTIC GEOMETRY—A continuation of 251 and 252, together with a brief study of straight lines, planes and surfaces by algebraic methods. (2 hours. 4 credits. Simpson, Wilson.)
361. THE TEACHING OF MATHEMATICS, with particular attention to the content of secondary school Mathematics. Registration for course only by permission of instructor. (3 hours. 3 credits. Wilson.)
364. HISTORY OF MATHEMATICS—A survey of the development of mathematical science from the earliest times to the present. (Prerequisite: A certain degree of mathematical maturity to be determined by the instructor. 3 hours. 3 credits. Kokomoor.)
420. DIFFERENTIAL EQUATIONS—Methods of solution and physical applications of equations containing derivatives as variables. (3 hours. 3 credits.)
512. INTRODUCTION TO HIGHER ALGEBRA—A study of advanced topics in Algebra for students of a considerable degree of mathematical maturity. (3 hours. 3 credits. Simpson.)
518. THEORY OF GROUPS OF FINITE ORDER—The group concept and the properties of groups together with some applications. (3 hours. 3 credits.)



520. MATHEMATICAL STATISTICS—The mathematical principles underlying modern statistical studies. (*3 hours. 3 credits. Wilson.*)
540. FOURIER'S SERIES AND HARMONIC ANALYSIS—The use of series of terms involving sines and cosines in the solution of physical problems, such as flow of heat, conduction of electricity, vibrating strings. (*3 hours. 3 credits. Simpson.*)
555. FUNCTIONS OF A COMPLEX VARIABLE—The functions of a variable  $x + iy$ , where  $i$  is the square root of  $-1$ . A course bringing out deeper meanings in Trigonometry, Algebra, and Calculus. Applications to map making and problems in science. (*3 hours. 3 credits. Simpson.*)

### MECHANIC ARTS

(Administered under the Department of Drawing and Mechanic Arts)

Professor Strong, Assistant Professor Eshleman.

- 101-0101. WOOD WORKING—Exercises in joinery and machine work. (*Shop fee, \$3.00. Required of all engineering freshmen, one semester; two 3 hour periods of shop work. 3 credits. Eshleman.*)
104. WOOD SHOP FOR AGRICULTURAL STUDENTS—Instruction and practice in the care and use of hand tools in working wood. (*Shop fee, \$1.00. Required of sophomores in agriculture; two 2 hour periods of shop work. 2 credits. Eshleman.*)
201. FORGE SHOP—Practice in hand and machine forging, welding and tempering. (*Shop fee, \$3.00. Required of electrical and mechanical engineering sophomores; one 3 hour period of shop work. 1½ credits. Strong.*)
202. FOUNDRY—Practice in molding, core making and in melting and pouring metal, using standard foundry equipment. (*Shop fee, \$3.00. Required of electrical and mechanical engineering sophomores; one 3 hour period of shop work. 1½ credits. Strong.*)
204. METALWORKING—Work in forge shop, foundry, and machine shop. (*Prerequisite: Shop 101. Shop fee, \$3.00. Required of civil engineering sophomores; one 3 hour period. 1½ credits. Strong.*)
301. MACHINE SHOP—All-around experience in bench and machine work. (*Prerequisites: Shop 101 and Shop 201. Shop fee, \$5.00. Required of mechanical engineering juniors; two 2 hour periods. 2 credits. Strong.*)

304. **PATTERNMAKING**—Study and practice of the principles underlying the construction of wooden patterns and core boxes for machine parts and other articles of cast metal. (*Prerequisites: Shop 101 and Shop 202. Shop fee, \$3.00. Required of mechanical engineering juniors; two 2 hour periods or one 4 hour period. 2 credits. Strong.*)
401. **MACHINE SHOP**—Same as 301 except that it is required of electrical engineering seniors. (*Shop fee, \$5.00. Two 3 hour periods. 3 credits. Strong.*)

### MECHANICAL ENGINEERING

Professor Price, Associate Professor Prescott, Assistant Professor Yeaton.

- 101 (102). **DESCRIPTIVE GEOMETRY**—Methods of representing points, lines, surfaces and solids in space by their projections; the careful solution of many original problems on the drawing-board. (*Required of all engineering and architectural freshmen; two recitations both semesters, and two hours of drawing per week the second semester. 5 credits, divided 2-3. Walker.*)
- 201 (202). **MECHANISM**—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 electrical and mechanical engineering sophomores; 2 hours. 4 credits. Prescott.*)
- 301 (302). **MACHINE ELEMENTS**—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; design of simple machines, working drawings. (*Required of electrical and mechanical engineering juniors; 3 hours of drawing per week, both semesters, and 2 lectures per week the second semester. 4 credits, divided 1-3. Prescott.*)
- 305 (306). **KINEMATIC DRAWING**—Drawing-board solutions of problems in link-work, cams, toothed gears, slider-crank and other mechanisms, with velocity and acceleration diagrams. (*Prerequisite: Mechanism 201-202. Required of mechanical engineering juniors; 3 hours of drawing per week. 2 credits. Prescott.*)
310. **THERMODYNAMICS**—The laws governing the emission and reception of heat, and the transformation of heat into mechanical energy. A study of the pressure-volume diagrams and the temperature-entropy

diagrams of various theoretical and practical cycles. (*Prerequisites: Mathematics 251-252, Physics 209 and Chemistry 101-102. Required of electrical and mechanical engineering juniors. 3 hours. 3 credits. Price.*)

- 315 (316). APPLIED MECHANICS—(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. (c) Kinetics, embracing friction, inertia, centrifugal force, kinetic and potential energy. (*Prerequisite: Mathematics 251-252. Laboratory fee, \$1.00. Required of engineering and architectural juniors, both semesters; 4 hours; also a two-hour laboratory period each week, both semesters. 10 credits. Yeaton.*)
319. MATERIALS OF ENGINEERING—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: Physics 105-106 and Chemistry 101-102. Required of civil, electrical and mechanical engineering juniors. 2 hours. 2 credits. Yeaton.*)
320. MATERIALS OF ENGINEERING—Continuation of course 319. (*Required of mechanical engineering juniors. 2 hours. 2 credits. Yeaton.*)
410. HUMAN ENGINEERING—This course combines a study of some of the problems of production engineering with a study of certain questions of personnel management. (*Prerequisite: Economics 307. Required of all engineering seniors, second semester; 2 hours; elective for non-engineering students. 2 credits. Price.*)
- 411 (412). MECHANICAL DESIGN—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: Mechanism 201-202, Kinematic Drawing 305-306, Machine Elements 301-302 and Applied Mechanics 315-316. Required of mechanical engineering seniors. 2 hours; also 4 hours of drafting. 8 credits. Price.*)

- 417 (418). MECHANICAL LABORATORY—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 trials, valve setting, power measurement, fuel tests, refrigeration tests, efficiency and heat balance calculations, with complete reports of experiments. (*Laboratory fee, \$5.00 each semester. Prerequisite: Thermodynamics 310. Required of mechanical engineering seniors. 4 hours. 4 credits. Yeaton and Prescott.*)
420. MECHANICAL LABORATORY—The same as Mechanical Laboratory 417. (*Laboratory fee, \$5.00. Required of electrical engineering seniors. 4 hours. 2 credits. Yeaton and Prescott.*)
421. POWER ENGINEERING—The steam boiler, fuels and combustion, engines and turbines, condensing apparatus and boiler plant auxiliaries. (*Prerequisite: Thermodynamics 310. Required of electrical and mechanical engineering seniors. 3 hours. 3 credits. Price.*)
422. POWER ENGINEERING—Chimneys and breeching; pipe systems; valve gears; regulating and governing; heat transmission and refrigeration. The economics of power and refrigerating plants. (*Prerequisites: Thermodynamics 310 and Power Engineering 419. Required of mechanical engineering seniors. 3 hours. 3 credits. Price.*)
424. POWER ENGINEERING—Gas and liquid fuel internal combustion engines; hot-air engines; gas producers. (*Prerequisite: Thermodynamics 310. Required of mechanical and electrical engineering seniors. 3 hours. 3 credits. Prescott.*)
426. AERONAUTICS—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: One year of college physics. 3 hours. 1 1-2 credits. Prescott.*)
464. HEATING AND VENTILATING—May be arranged to last only a part of a semester with corresponding increase in the hours per week. (*Required of architectural seniors; 1 lecture per week. 1 credit. Yeaton.*)
- 501-502. ADVANCED MECHANICAL DESIGN—The design of some machine with critical attention to some phase thereof, usually accompanied by laboratory work illustrative of the application of theory or of

the behavior of materials under assumed special working conditions. (*For graduate students only. 6 hours laboratory work. 6 credits. Price.*)

## MILITARY SCIENCE AND TACTICS

Professor Van Fleet and Staff

### INFANTRY

#### BASIC COURSE

101-102. MILITARY SCIENCE—Freshman year, compulsory. Lectures, recitations, drill, calisthenics, and ceremonies. (*6 hours. 4 credits.*)

The work is divided as follows:

(a) *Practical*—Infantry drill, school of the soldier, squad, platoon, company and ceremonies; gallery and rifle firing; scouting and patrolling; setting up exercises and mass play; organization; infantry equipment.

(b) *Theoretical*—Infantry drill regulations and ceremonies; theory of rifle marksmanship; hygiene, first aid and military courtesy.

201-202. MILITARY SCIENCE—Sophomore year, compulsory. Lectures, recitations, drills, calisthenics, and ceremonies. (*Prerequisite: Military Science 101-102. 6 hours. 4 credits.*)

The work is divided as follows:

(a) *Practical*—Command and leadership; ceremonies; setting up exercises and mass play; rifle and automatic rifle firing; rifle and hand grenades; scouting and patrolling, and combat principles of the squad.

(b) *Theoretical*—Map reading; scouting and patrolling; musketry; interior guard duty; automatic rifle.

#### ADVANCED COURSE

301-302. MILITARY SCIENCE—Junior year, elective. Lectures, recitations, command and leadership. (*Prerequisite: Military Science 201-202. 6 hours. 4 credits.*)

The work is divided as follows:

(a) *Practical*—Command and leadership; rifle, machine gun firing; field engineering.

(b) *Theoretical*—Field Engineering, defense, obstacles, demolitions, roads, bridges; machine guns, platoon drill and mechanism, theory of

direct and indirect fire; elements of international law; military law, military sketching, map reading.

401-402. MILITARY SCIENCE—Senior year, elective. Lectures, recitations, command and leadership. (*Prerequisite: Military Science 301-302. Both semesters; 6 hours per week. 4 credits.*)

The work is divided as follows:

(a) *Practical*—Command and leadership; rifle and pistol firing; tactical walks, patrols, security detachments, offensive and defensive operations, 37 mm gun, trench mortar firing.

(b) *Theoretical*—Military history and policy of the United States; administration; combat principles 37 mm gun and trench mortar.

## FIELD ARTILLERY

### BASIC COURSE

103-104. MILITARY SCIENCE—Freshman year, compulsory. Lectures, recitations, drills, calisthenics, and ceremonies. (*6 hours. 4 credits.*)

The work is divided as follows:

(a) *Practical*—Field Artillery dismounted drill (school of the soldier, squad, platoon, and battery); ceremonies; setting up exercises; pistol instruction; care and display of equipment; nomenclature of the French 75 m.m. gun; gun drill; gunners' examination.

(b) *Theoretical*—Field Artillery drill regulations and ceremonies; military courtesy; elementary gunnery; material; duties of the cannoneers.

203-204. MILITARY SCIENCE—Sophomore year, compulsory. Lectures, recitations, drills, calisthenics, and ceremonies. (*Prerequisite: Military Science 103-104. 6 hours. 4 credits.*)

The work is divided as follows:

(a) *Practical*—Command and leadership; ceremonies; setting up exercises; military sketching; topography and orientation; signal communications; equitation and horsemanship; mounted drill.

(b) *Theoretical*—Field Artillery drill regulations; map reading; topography and orientation; signal communications; care of animals and stable management.

**PAINTING**

(Administered under the Department of Architecture)

Instructor Long

- 103-104. PICTORIAL COMPOSITION—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 classroom hour. (*One hour criticism. Five hours outside work. 4 credits.*)
107. ABSTRACT DESIGN—Principles of design; problems in space filling; developing of simple decorative units; balance of areas; values of light and dark; color problems. (*First semester. 3 hours. 1 credit.*)
- 115-116. POSTER DESIGN—Analysis of the essentials of a good poster. Methods of handling tempera color and other mediums. Practical designing of posters for commercial purposes. (*Three class hours, 3 hours preparation. 4 credits.*)
- 117-118. ADVERTISING DESIGN—Designing of original advertisements and a study of the methods and mediums employed in making drawings for reproduction. (*Three two-hour periods. 4 credits.*)
- 203-204. PICTORIAL COMPOSITION—Continuation of Painting 103-104. Attention is given to figures and interiors. Color is introduced with problems in color harmony, balance, rhythm and contrast. (*One hour criticism. 5 hours outside work. 4 credits.*)
- 207-208. ABSTRACT DESIGN—Continuation of principles of design with problems developed to give experience in three dimensional design and with color as related to areas. (*Three hours. 2 credits.*)
- 211-212. OIL PAINTING—Theory of pigment color. Still life studies in full color. Arrangement and character of various objects used. Simple landscape studies. (*Three three-hour periods. 6 credits.*)
- 219-220. ILLUSTRATION—Book and magazine illustration employing figures. Design and technique. (*Three two-hour periods. 4 credits.*)

**PHARMACOGNOSY AND PHARMACOLOGY**

Professor Christensen, Instructor Werner

The Department of Pharmacognosy and Pharmacology offers all courses in Pharmacognosy and in Materia Medica required by the Pharmaceutical Syllabus in the three-year curriculum, and in addition, num-

erous elective courses for the third and fourth year of undergraduate work. All courses in Pharmacognosy are supplemented with field work in the pharmaceutical garden conducted by the Department. The laboratories are well equipped for graduate work, and both major and minor courses are offered to candidates for the degree of Master of Science.

- 221-222. PRACTICAL PHARMACOGNOSY—Systematic study of the vegetable and animal drugs of the United States Pharmacopoeia and the National Formulary. Laboratory work on the methods of identifying the crude drugs, illustrated with authentic specimens. (*Laboratory fee, \$5.00 per semester. 6 hours. 6 credits. Christensen, Werner.*)
- 231-232. CULTIVATION OF MEDICINAL PLANTS—Medicinal plants that are being cultivated, methods of cultivation, harvesting, curing, and preparation for market. Field work with plants that can be successfully grown in the pharmaceutical garden. (*Lectures and field periods to be arranged according to credit, which may vary from 4 to 10 credits. Christensen, Werner.*)
342. MICROSCOPY OF DRUGS—Microscopic structure and characteristics of types of drugs, methods of identifying powdered drugs and food products, and of detecting adulterations. (*Prerequisite: Pharmacognosy 222. Laboratory fee, \$3.00. 1 class and 2 laboratory hours. 3 credits. Christensen, Werner.*)
351. PHARMACOLOGY—The therapeutic action, dosage, uses, and toxicology of official and non-official drugs and poisons. Illustrated with carefully planned demonstrations. (*Prerequisite: Pharmacognosy 222. 3 hours. 3 credits. Christensen.*)
362. PHARMACOLOGICAL STANDARDIZATION—Biological assaying, employing the official methods of the United States Pharmacopoeia. (*Prerequisite: Pharmacology 351. Laboratory fee, \$5.00. 2 class and 2 laboratory periods. 4 credits. Christensen, Werner.*)
- 423-424. ADVANCED PHARMACOGNOSY<sup>1</sup>—A history of the propagation and development of drugs under cultivation with special emphasis on methods employed, climatic and soil features and effect on plant constituents. Special problems on drug culture and in the isolation of plant constituents. Lectures, laboratory and field work. (*Prerequisite: Pharmacognosy 221-222. Fees and credits (6 to 10) to be arranged. Christensen.*)



- 435-436. **COMMINTION OF CRUDE DRUGS**—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. (*Prerequisite: Pharmacognosy 221-222. Fees and credits (6 to 10) to be arranged. Christensen.*)
- 451-452. **ADVANCED PHARMACOLOGY**—Advanced study of the pharmacology of drugs and pharmacological standardization with special reference to serums, vaccines, antitoxins, enzymes, pollen extracts, and gland products. Lectures and laboratory. (*Prerequisite: Pharmacology 362. Fees and credits (4 to 10) to be arranged. Christensen.*)
- 455-456. **NEW REMEDIES**—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: Pharmacology 362. Credits (4 to 6) to be arranged. Christensen.*)
- 491-492. **PHARMACOGNOSY THESIS OR PHARMACOLOGY THESIS**—Work for senior thesis may be arranged upon consultation. Students are assigned to problems in Pharmacognosy or Pharmacology for investigation and research. Conferences, library, laboratory and field work. (*4 credits. Christensen.*)

#### GRADUATE COURSES

- 521-522. **SPECIAL PROBLEMS IN PHARMACOGNOSY**—Identification, classification, 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. (*4 to 10 credits. Christensen.*)
- 533-534. **SEMINAR IN PHARMACOGNOSY**—Sources of information on crude drugs and a study of current plant literature. Special written and oral reports. (*2 to 3 credits. Christensen.*)
- 551-552. **SPECIAL PROBLEMS IN PHARMACOLOGY**—A comparison of methods of biological assaying. Special lectures, collateral reading, laboratory experiments, oral and written reports. (*4 to 10 credits. Christensen.*)

- 555-556. PHARMACOLOGICAL TESTING—Determination of the therapeutic properties of drugs by means of animal experimentation, using special types of recording apparatus. (2 to 8 credits. Christensen.)
- 591-592. PHARMACOGNOSY THESIS OR PHARMACOLOGY THESIS—(*Work and credit for graduate thesis in Pharmacognosy or Pharmacology to be arranged upon consultation. Christensen.*)

## PHARMACY

Professor Husa, Associate Professor Foote, InstructorENZ

101. PHARMACEUTICAL ARITHMETIC—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. 2 class and 1 laboratory periods. 3 credits. Husa,ENZ.*)
102. THEORETICAL PHARMACY—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 into which chemical reactions do not enter. (*Laboratory fee, \$2.50. 2 class and 1 laboratory periods. 3 credits. Foote,ENZ.*)
211. INORGANIC PHARMACY—The consideration of such inorganic compounds as are used in medicine—their origin and preparation, and their physical, chemical, and physiological properties; the preparation and the detection of these inorganic substances, and their use in compounding remedies. (*Prerequisite: Chemistry 104 and Pharmacy 102. Laboratory fee, \$5.00. 3 class and 2 laboratory periods. 5 credits. Foote.*)
222. GALENICAL PHARMACY—Galenic preparations, including syrups, spirits, tinctures, extracts, and emulsions. The preparation of these materials extemporaneously on a small scale, and also their manufacture in larger amounts by use of pharmaceutical machinery. (*Prerequisites: Chemistry 251 and Pharmacy 102. Laboratory fee, \$5.00. 3 class and 2 laboratory periods. 5 credits. Foote.*)

331. **QUALITATIVE DRUG ANALYSIS**—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 upon powders, solutions, emulsions, etc. (*Prerequisite: Chemistry 252. Co-requisite: Pharmacy 351. Laboratory fee, \$5.00. 1 class and 2 laboratory periods. 3 credits. Foote.*)
332. **QUANTITATIVE DRUG ANALYSIS**—The quantitative analysis of medicinal preparations by physical means or by chemical methods. Certain analyses are made by use of the polariscope and the refractometer, while alkaloids are determined both gravimetrically and volumetrically. (*Prerequisites: Chem. 252 and 304, Phar. 351. Laboratory fee, \$5.00. 2 laboratory periods. 2 credits. Foote.*)
351. **ORGANIC PHARMACY**—The preparation of natural and synthetic substances, and their use in medicine; the production of these materials on a semi-commercial scale and also the common tests which may be applied for their detection in a prescription. (*Prerequisites: Chemistry 252 and Pharmacy 222. Laboratory fee, \$5.00. 3 class and 2 laboratory periods. 5 credits. Foote.*)
- 361-362. **PRESCRIPTIONS AND DISPENSING**—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 of overcoming apparent incompatibilities. Prescription reading, translation of prescription Latin, accepted methods of checking and filing prescriptions, and prescription pricing. (*Prerequisites: Pharmacy 211 and 222. Laboratory fee, \$5.00 per semester. Lectures, recitations, and laboratory work. 6 credits. Husa,ENZ.*)
372. **COMMERCIAL PHARMACY**—The management of the retail pharmacy; business management, including merchandise information, retail buying, advertising, salesmanship, and accounting. (*Prerequisites: Pharmacy 211 and 222. 4 hours. 4 credits. Husa.*)
381. **PHARMACEUTICAL JURISPRUDENCE**—National, state and local laws and regulations governing the practice of pharmacy, and the pharmacist's liability, both criminal and civil, for his own violations of laws and for violations on the part of his agents. (*Prerequisites: Pharmacy 211 and 222. 2 hours. 2 credits. Husa.*)

- 431-432. **ADVANCED DRUG ANALYSIS**—The more difficult analytical methods of the United States Pharmacopoeia, supplemented by other methods recommended by the Bureau of Chemistry. Determinations are both qualitative and quantitative. (*Prerequisites: Pharmacy 331-332. Laboratory fee, \$6.00 per semester. 3 laboratory periods. 6 credits. Husa, Enz.*)
451. **SYNTHETIC PHARMACEUTICALS**—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 by one or more methods. (*Prerequisite: Pharmacy 351. Laboratory fee, \$5.00. 3 class and 2 laboratory periods. 5 credits. Foote.*)
- 471-472. **ADVANCED COMMERCIAL PHARMACY**—A study of the commercial problems and business methods of the manufacturer, wholesaler, and retail chain store executive. (*Prerequisite: Pharmacy 372. 2 hours. 4 credits. Husa.*)
- 491-492. **THESIS**—By arrangement, senior students may be assigned to research problems in Pharmacy, a senior thesis being written on the results of the research. (*Prerequisite: Consent of instructor. Laboratory fee is determined by nature of problem undertaken. 4 credits. Husa, Foote.*)

#### GRADUATE COURSES

502. **SELECTED TOPICS IN PHARMACY**—A general study of the newer types of pharmaceuticals, such as vitamine preparations, newer solvents, etc. A detailed study with assigned readings is made of selected problems of current interest, whose solution depends in part on metabolic considerations. (*2 hours. 2 credits. Husa.*) Given alternate years. Offered in 1929-30.
503. **ADVANCED PHARMACY**—Lectures and assigned readings on important pharmaceutical preparations, particularly those involving chemical changes. (*2 hours. 2 credits. Husa.*) Offered alternate years. Not offered in 1929-30.
504. **ADVANCED GALENICAL PHARMACY**—A detailed study of the fundamental research work on which formulas for various galenicals are based. (*2 hours. 2 credits. Husa.*) Offered alternate years. Not offered in 1929-30.

541. MANUFACTURING PHARMACY—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 operations. (2 hours. 2 credits. Husa.) Given alternate years. Offered in 1929-30.
551. ADVANCED SYNTHETIC PHARMACEUTICALS—Laboratory work and a study of the literature dealing with the methods used in the synthesis of the more complex organic remedies. (Prerequisites: Pharmacy 451 and a reading knowledge of German. 2 laboratory periods. 2 credits. Foote.)
554. ADVANCED PHARMACY—Lectures and assigned reading on the pharmacy and chemistry of vegetable drugs. (2 hours. 2 credits. Foote.)

### PHILOSOPHY

Professor Enwall, Assistant Professor Hinckley, Assistant Professor Williams.

NOTE: Students may begin with courses 201, 205, 301, and 303.

- 201-0201. GENERAL PSYCHOLOGY—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. (3 hours. 3 credits. Hinckley, Williams.)
203. ELEMENTARY EXPERIMENTAL PSYCHOLOGY—Lectures and laboratory work in connection with the nervous system, the sense organs, muscles, glands, reflexes, emotions, instincts, and simple habits. (Prerequisite: Phil. 201, or this course may be taken along with Phil. 201. Laboratory fee, \$2.00. 3 hours. 3 credits. Williams.)
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: Phil. 201. Phil. 203 is strongly recommended. Laboratory fee, \$2.00. 5 hours. 3 credits. Williams.)
205. LOGIC, INDUCTIVE AND DEDUCTIVE—The use of syllogisms, inductive methods, logical analysis, and criticisms of fallacies. (3 hours. 3 credits. Enwall.)

- 206-0206. 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: Phil. 201. 3 hours. 3 credits. Hinckley.*)
301. ETHICS—Principles of Ethics: Study of such topics as goodness, happiness, virtue, duty, freedom, civilization, and progress. (*3 hours. 3 credits. Enwall.*)
302. ADVANCED ETHICS—The history of the various ethical systems. Theism and Agnosticism. (*Prerequisite: Phil. 301. 3 hours. 3 credits. Enwall.*)
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 hours. 3 credits. Enwall.*)
304. HISTORY OF MODERN PHILOSOPHY—A continuation of Phil. 303. Special attention will be given to the works of Descartes, Spinoza, Leibnitz, Kant, Hume, etc. (*3 hours. 3 credits. Enwall.*)
305. SOCIAL PSYCHOLOGY—Influences of the social environment upon the mental and moral development of the individual. (*Prerequisite: Phil. 201. 3 hours. 3 credits. Williams.*)
306. ABNORMAL PSYCHOLOGY—Abnormal phases of mental life; dreams, illusions, hallucinations, suggestions, hypnotism, hysteria, diseases of the memory, diseases of the will, mental hygiene, etc. (*Prerequisite: Phil. 201. Open to seniors, advanced pre-medical and law students only. 3 hours. 3 credits. Enwall.*)
308. COMPARATIVE PSYCHOLOGY—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: Philosophy 201. Given with Philosophy 310 in alternate years. 3 hours. 3 credits. Williams.*)
310. HISTORY OF PSYCHOLOGY—A survey of the historical development of psychology with special emphasis on the more recent programs of the subject. A critical expository examination of representative writers. (*Prerequisite: Phil. 201. Given with Phil. 308 in alternate years. 3 hours. 3 credits. Williams.*) Offered 1929-1930.

- 401 (402). ADVANCED LOGIC—Seminar. Theories of thought and knowledge. (*Prerequisite: Phil. 205, 303, 304. Given with Phil. 403 (404) in alternate years. 3 hours. 6 credits. Enwall.*)
- 403 (404). PHILOSOPHY OF NATURE—Seminar. Man's relation to Nature; the various philosophical doctrines: Animism, Pantheism, Materialism, Realism, Agnosticism, Humanism, Idealism, etc. (*Prerequisites: Phil. 205, 303, 304. Given with Phil. 401 (402) in alternate years. 3 hours. 6 credits. Enwall.*) Offered 1928-1929.
405. PSYCHOLOGICAL TESTS—Tests of general intelligence, special aptitude, personality traits, business ability, organization and administration; critical evaluation of methods and results; theory of test construction and scoring; and practical uses of tests. (*Prerequisite: Phil. 201. 3 hours. 3 credits. Hinckley.*)
406. THEORY OF PSYCHOLOGICAL MEASUREMENT—Quantitative methods of experimental psychology; collection and treatment of data; method of least squares; correlation; prediction, and probability. (*Prerequisites: Phil. 201, 405. 3 hours. 3 credits. Hinckley.*)
- 501 (502). ADVANCED EXPERIMENTAL PSYCHOLOGY—Lectures and class demonstrations on the sensory processes, learning, attention, thought activities, space perception, emotion, and the relation of mind to body. (*Prerequisites: Phil. 201, 204. 3 hours. 6 credits. Hinckley.*)
503. THEORIES OF PERSONALITY—The more inevitable problems of human life and their normal and abnormal solutions. Consideration of the self, conduct, and the individually developed personal organization. (*Prerequisites: Phil. 201, 303, 304. 3 hours. 3 credits. Hinckley.*)
- 505 (506). HUME, KANT—Seminar. The works of these men will be read, selected topics assigned for papers and discussion. A thesis will be required. (*Prerequisites: Phil. 201, 205, 301, 302, 303, 304, 401 (402), 403 (404). 3 hours. 6 credits. Enwall.*)
- 507-508. THE PHILOSOPHIC CONCEPTIONS OF THE GREAT ENGLISH POETS—(*Prerequisites: English 103-104, 201-202. 3 hours. 6 credits. Enwall.*)

## PHYSICAL EDUCATION AND COACHING

Mr. Bachman, Dr. Haskell, and Athletic Staff

(For courses in Coaching, see page 166.)

### PHYSICAL EDUCATION

101. **ELEMENTARY GYMNASTICS**—Instruction given in free exercises for general development and muscular co-ordination. Elementary work on apparatus, emphasizing form, approach, and execution. (*2 hours. 1 credit.*)
102. **OUTDOOR ACTIVITIES**—Instruction and play in tennis, football, basketball, playground ball, track and baseball. (*2 hours. 1 credit.*)
112. **CALISTHENICS, MARCHING AND GYMNASTIC DANCING**—Principles of construction of calisthenic drills for different age groups. Theory and practice in conducting classes. Marching for rhythm discipline and coordination. Fancy marching, folk dancing, and gymnastic dancing. (*4 hours in Gymnasium. 2 credits. Haskell.*)
114. **ELEMENTARY AND ADVANCED GYMNASTICS**—Gymnastic nomenclature, practice on elementary and advanced apparatus work. Planning and conducting classes; tumbling and stunts. Massed class-work and gymnastic games. (*4 hours in Gymnasium. 2 credits. Haskell.*)
201. **ADVANCED GYMNASTICS**—Advanced work on mat, ring, heavy apparatus, nomenclature, emphasizing skill, form, and accuracy of execution. Practice work in leading classes. (*2 hours. 1 credit.*)
202. **OUTDOOR ACTIVITIES**—Instruction and play in boxing, wrestling, fencing and cage ball. (*2 hours. 1 credit.*)
- 231 (232). **FIRST AID AND TRAINING**—The American Red Cross advanced course in first aid to the injured. General rules for conditioning, diet, bathing, hydrotheraphy, massage, prevention and treatment of athletic injuries. (*1 hour. 1 credit. Haskell.*)
- 301-302. **LEADERS CLASS**—Special instruction to those showing proficiency in Courses 101 and 201, preparing them in the more advanced gymnastic work. Theory and practice in class management and working out programs in physical education. (*2 hours. 2 credits.*)
341. **PROGRAMS**—Objectives of physical education; department organization and administration; programs; teaching and supervising quali-



- fications; supervision of gymnasiums, pools, and playground. (*1 hour. 1 credit. Haskell.*)
351. INTRAMURAL—Aims and purposes, organization, control, schedules, sports, publicity, awards. Theory and Practical Application. (*2 hours. 2 credits. Brown.*)
362. PHYSICAL DIAGNOSIS AND CORRECTIVE GYMNASTICS—Physical examination for postural, physical defects and deformities. Active and passive exercises, its application to corrective work; use of exercise in disease. (*3 hours. 3 credits. Haskell.*)
422. ATHLETIC AND GYMNASIUM CONSTRUCTION AND EQUIPMENT—Athletic field, selection of site; planning and construction of track and field; surfacing and laying out field for major sports and other activities. Field house; stadium and swimming pool construction and maintenance. Gymnasium and locker room construction and equipment. (*1 hour. 1 credit. Haskell, Higgins, and others.*)
481. COMMUNITY RECREATION AND PLAYGROUNDS—Community recreation, its scope and activities. The function of play and its objectives. Facilities for recreation, location, and planning of the play grounds. The school as a neighborhood recreation center; public baths; community buildings. Organization and administration. (*1 hour. 1 credit. Haskell.*)
- 491 (492). PRACTICE TEACHING—Students in this course will be assigned to a section of freshman physical education and teach this under the supervision of the Physical Education Director twice a week. (*2 hours. 2 credits. Haskell.*)

## PHYSICS

Professor Benton, Associate Professor Perry, Assistant Professor Bless, Assistant Professor Skellet, Instructor Little\*, Instructor Stevens.

The courses offered in this department fall into three groups. (1) Physics 203-204 is a standard college course in general physics, which does not presuppose any previous knowledge of Physics, and Physics 201-202 is an abbreviated college course in general physics; (2) Physics 205-209 (or 105-108 and 209) form a longer and more advanced course in general physics, pre-supposing a knowledge of the physics taught in the high schools and of trigonometry; (3) the remaining courses deal more fully with special branches of physics, pre-supposing a college course in general physics, and appropriate mathematical preparation. Courses numbered 307 or higher (except 313 to 317) presuppose Calculus.

105-106. GENERAL PHYSICS, including mechanics, heat, acoustics, and optics, but not electricity and magnetism. Text-book used in 1928-

\*Absent on leave, 1928-29.

- 1929; Kimball's College Physics. (*Prerequisites: High School Physics and Plane Trigonometry. Required of freshmen in engineering and architecture. 3 hours. 6 credits. Benton.*)
- 107-108. GENERAL LABORATORY PHYSICS, TO ACCOMPANY PHYSICS 105-106—*Laboratory fee, \$1.50 per semester. 2 two-hour laboratory periods. 4 credits. Skellett.*)
- 201-202. A BRIEF COURSE IN GENERAL PHYSICS—Text-book used in 1928-1929: Merchant and Chant's Elements of Physics. (*Laboratory fee, \$1.50 per semester. Required of Agricultural students, sophomore year. 2 class and 1 laboratory periods. 6 credits. Benton.*)
203. MECHANICS AND HEAT—General physics designed to meet the needs of the general student, and of those taking the Pre-Medical course. Text-book used in 1928-1929: Smith's Elements of Physics. (*Laboratory fee, \$1.50. 3 class and 2 two-hour laboratory periods. 5 credits. Perry.*)
204. SOUND, LIGHT, ELECTRICITY AND MAGNETISM—General physics designed to meet the needs of the general student, and of those taking the Pre-Medical course. (*Laboratory fee, \$1.50. 3 class and 2 two-hour laboratory periods. 5 credits. Perry.*)
- 205-206. GENERAL PHYSICS, including mechanics, heat, acoustics, and optics, but not electricity and magnetism. (*Prerequisite: High School Physics and Plane Trigonometry. 3 hours. 6 credits. Benton.*)
- 207-208. GENERAL LABORATORY PHYSICS, TO ACCOMPANY PHYSICS 205-206—(*Laboratory fee, \$1.50 per semester. 2 two-hour laboratory periods. 4 credits. Skellett.*)
209. GENERAL ELECTRICITY AND MAGNETISM, being a continuation of Physics 205-208 (or Physics 105-108).—Text-book used in 1928-1929: Kimball's College Physics. (*Laboratory fee, \$1.50. 2 class and 1 two-hour laboratory periods. 3 credits. Perry.*)
212. APPLIED ELECTRICITY AND MAGNETISM—This course is also given under the name Electrical Engineering 202-204. (*Prerequisites: Mathematics 251 and Physics 209 or 203-204. Laboratory fee, \$3.00. 2 class and 1 two-hour laboratory periods per week. 3 credits. Benton and Weil.*)
301. METEOROLOGY—A brief general course. Text-book used in 1928-1929: Milham's Meteorology. (*Prerequisite: One year of college physics. 2 class and 1 two-hour laboratory periods. 3 credits. Benton.*)

302. ASTRONOMY—A brief general course on descriptive astronomy. Text-book used in 1928-1929: Faith's Elements of Astronomy. (*Prerequisite: One year of college physics. 2 class and 1 two-hour observation periods. 3 credits. Perry.*)
- 303-304. 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. (*Prerequisites: Mathematics 101-102 or 151-152 and Physics 203-204 or 209. 1 class and 4 laboratory hours. 6 credits. Benton, Perry, Bless.*)
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. (*Prerequisites: Mathematics and Physics 209. 1 class and 4 laboratory hours. 3 credits. Weil.*)
307. HEAT—A general survey of this branch of physics from the theoretical as well as from the experimental point of view. The laboratory work will include accurate measurements of the heat of combustion of materials, thermal conductivity of metals, melting point of metals and specific heats of gases. (*2 class and 2 laboratory hours. 3 credits. Bless.*) Given alternate years. Not offered in 1929-1930.
309. THEORETICAL OPTICS—The study of the phenomena of refraction, interference, diffraction and polarization. (*3 hours. 3 credits. Perry.*) Given alternate years. Offered in 1929-1930.
310. EXPERIMENTAL OPTICS—Laboratory work with the spectrometer, interferometer, diffraction grating and polarimeter. (*1 class and 3 laboratory hours. 2 credits. Perry.*) Given alternate years. Offered in 1929-1930.
311. ELECTRICITY AND MAGNETISM—The theory of magnetism and electrostatics, the electric current and its effects, thermoelectricity, electromagnetism, the elementary theory of alternating currents. (*Prerequisites: Mathematics 252 and Physics 209 (or 203-204). Laboratory fee, \$1.50. Required of juniors in electrical engineering; elective for others. 2 class and 2 laboratory hours. 3 credits. Perry.*)

312. EXPERIMENTAL ELECTRICITY AND MAGNETISM—The theory and the actual determination of the electric quantities in terms of absolute units, the study of the effects of inductances and condensers in direct and alternating circuits, the magnetic circuit. (*1 class and 3 laboratory hours. 2 credits. Perry.*) Given alternate years. Not offered in 1929-1930.
313. GLASS BLOWING—(*3 laboratory hours. 1 credit. Skellett.*)
314. HIGH VACUUM TECHNIQUE—(*Prerequisite: Glass Blowing. 3 laboratory hours. 1 credit. Skellett.*)
315. DEMONSTRATION PHYSICS—A course in the use of physical apparatus in teaching. Given in summer school only.
317. MODERN THEORIES OF PHYSICS—Given in summer school only.
402. MATHEMATICAL PHYSICS—An introductory course to general mathematical physics. (*3 hours. 3 credits. Benton.*) Given upon sufficient demand.
- 405-406. THEORETICAL MECHANICS—Statics of systems of particles and of rigid bodies. Motion of particles and of rigid bodies under constant and under variable forces. Generalized coordinates. (*3 hours. 3 credits. Bless.*) Given alternate years. Offered in 1929-1930.
412. ADVANCED ELECTRICITY AND MAGNETISM—A continuation of 311. The theory of alternating circuits, electromagnetic radiation, conduction of electricity in gases. (*3 hours. 3 credits. Perry.*) Given alternate years. Offered in 1929-1930.
- 503-504. KINETIC THEORY OF GASES—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. (*3 hours. 6 credits. Bless.*) Given in alternate years. Not offered in 1929-1930.
508. THERMODYNAMICS—The theory of thermodynamics, the applications to fluids, the application to electric circuits, the phase rule. (*3 hours. 3 credits. Bless.*) Given alternate years. Not offered in 1929-1930.
510. SPECTROSCOPY—The phenomena and theories of spectroscopy, the methods of excitation and of observation of the line spectra of elements, the analysis and interpretation of the emission and absorp-

tion spectra of elements, precision wave length determination. (*2 class and 3 laboratory hours. 3 credits. Bless.*) Given alternate years. Not offered in 1929-1930.

517-518. MODERN PHYSICS—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. (*3 hours. 6 credits. Bless.*) Given alternate years. Offered in 1929-1930.

## PLANT PATHOLOGY

(Administered under the Department of Entomology and Plant Pathology)

Professor Gray, Instructor Dickey, Mr. Creighton.

22. DISEASES AND INSECTS OF CITRUS—The important physiological and fungous diseases with a survey of the major injurious insects and methods for control. (*Short Courses. Laboratory fee, \$2.00. 2 class and 1 laboratory periods. No credit. Dickey.*)
301. GENERAL PATHOLOGY—A study of the principal causal agents that produce disease in plants. Diagnosis and treatment of plant diseases. (*Laboratory fee, \$3.50. 2 class and 2 laboratory periods. 4 credits. Gray, Dickey, Creighton.*)
303. DISEASES OF FLORIDA CROPS—Practical methods of combatting fungus 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: Plant Pathology 301 or equivalent. Laboratory fee, \$3.50. 1 class and 2 laboratory periods. 3 credits. Dickey, Gray.*)
304. DISEASES OF FLORIDA CROPS—A survey of the diseases of subtropical and ornamental plants with the introduction of certain vegetable diseases when available. (*Prerequisite: Plant Pathology 301 or equivalent. Laboratory fee, \$3.50. 1 class and 2 laboratory periods. 3 credits. Dickey, Gray.*)
- 401-402. LABORATORY TECHNIQUE IN PLANT PATHOLOGY—Preparation of culture media, isolation, cultivation and physiological study of plant pathogenes; inoculation of host plants, relation to disease and the preparation of histological material. (*Laboratory fee, \$5.00. 1 class and 3 laboratory periods. 8 credits, or more, to be arranged. Gray.*)

- 403-404. MYCOLOGY—Detailed study of fungi in reference to origin, systematic relationships, cytology and economic bearing on plant disease work. Collection and classification of local fungi. (2 class and 1 laboratory periods. 6 credits. Gray.)
- 501-502. RESEARCH—Course in special laboratory and field methods. For graduate students. (Hours and credit to be arranged. Gray and Dickey.)
- 503-504. PROBLEMS IN PLANT PATHOLOGY—Problems to be selected on approval of the instructor. Required of graduate students registered for degree in the department. (Hours and credit to be arranged. Gray.)

### POLITICAL SCIENCE

(Administered under the Department of History and Political Science)

Professor Leake, Assistant Professor Tribolet, Instructor Glunt, Instructor Carleton.

- 101 (102). (a) AMERICAN GOVERNMENT AND POLITICS—A study of the structure and functions of our American national, state, local, and municipal governments.
- (b) STATE AND MUNICIPAL GOVERNMENT—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. (Prerequisite for all higher courses. 3 hours. 6 credits. Leake.)
- 201 (202). (a) COMPARATIVE GOVERNMENT; (b) GOVERNMENT AND ORGANIZATION OF GREAT BRITAIN — (3 hours. 6 credits.) Given 1929-30.
- 203 (204). AMERICAN STATE AND MUNICIPAL ADMINISTRATION — (3 hours. 3 credits.) Given 1929-30.
- 205 (206). (a) PRINCIPLES OF POLITICAL SCIENCE; (b) WORLD POLITICS AND INTERNATIONAL ORGANIZATION—(3 hours. 3 credits.) Given 1929-30.
- 301 (302). AMERICAN CONSTITUTIONAL LAW — (3 hours. 3 credits. Leake.) Given 1930-31.
- 303 (304). INTERNATIONAL LAW—(3 hours. 3 credits.) Given 1929-30.
- 305 (306). POLITICAL THEORIES—(3 hours. 3 credits.) Given 1930-31.

**POULTRY HUSBANDRY**

Professor Sanborn

21. **POULTRY ESSENTIALS**—Culling, feeding, housing, breeding, etc. (*Short Courses. Laboratory fee, \$1.00. 2 class and 1 laboratory periods. No credit.*)
202. **FARM POULTRY**—Poultry as a modest sideline 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, \$1.00. 2 class and 1 laboratory periods. 3 credits.*)
301. **COMMERCIAL POULTRY KEEPING**—Growing and maturing pullets, fall and winter eggs, feeding and care, houses and yards, showing and advertising. (*Laboratory fee, \$2.00. 2 class and 1 laboratory periods. 3 credits.*)
302. **COMMERCIAL POULTRY KEEPING**—Incubation, breeding, rearing, spring and summer work, culling, farm grown feeds and poultry pastures, marketing. (*Laboratory fee, \$2.00. 2 class and 1 laboratory periods. 3 credits.*)
401. **ADVANCED POULTRY CULTURE**—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: Poultry Husbandry 301 and 302. Laboratory fee, \$1.00. 2 hours. 2 credits.*)
402. **POULTRY MANAGEMENT**—Study of large farms, equipment of poultry plants, planning of various buildings, laying out and conducting poultry farms. (*Prerequisites: Poultry Husbandry 301 and 302. Laboratory fee, \$1.00. 2 hours. 2 credits.*)
403. **PROJECT PROBLEMS**—To be arranged with instructor. Egg hatching, investigations, poultry feeding, artificial lighting, chicken pox, etc. (*Prerequisites: Poultry Husbandry 301 and 302. 2 hours. 2 credits.*)

**SOCIOLOGY**

Professor Bristol, Instructor Carleton

102. **DEVELOPMENT OF SOCIAL INSTITUTIONS**—The development of such social institutions as the family, private property, the state, morals, religion, education. (*3 hours. 3 credits. Bristol.*)

- 111-112. INTRODUCTION TO SOCIAL STUDIES—An approach to the social sciences through biology and psychology; early man; landmarks in the history of civilization; problems of American citizenship. (*Required of freshmen in Teachers College not electing the Social Science Group. 2 hours. 4 credits. Bristol.*)
322. RURAL SOCIOLOGY—A broad survey of the field of rural life in its social aspects. (*3 hours. 3 credits. Bristol.*)
323. SOCIAL PATHOLOGY—A case method of approach to a study of social problems and approved methods of social action. (*Should be preceded by Sociology 102 and 301 or Sociology 111-112. 3 hours. 3 credits. Bristol.*)
324. CRIME AND PUNISHMENT—Nature and causes of crime; punishment, correction, prevention. Sociological aspects of criminal law and criminal procedure. Constructive proposals. (*Prerequisite: one of the preceding courses in Sociology or consent of instructor. 3 hours. 3 credits. Bristol.*)
332. PUBLIC HEALTH—History of preventive medicine; personal hygiene; community hygiene; the recognition of the ordinary communicable diseases; sanitation; a constructive health program. (*2 hours. 2 credits. Lecturers provided by University of Florida, the State Board of Health and the Florida Public Health Association.*) Given alternate years.
341. SOCIAL PROGRESS—Goals and tests of social progress. Factors in social progress. Suggested programs of social reform such as Communism, Anarchism, Socialism. Constructive proposals. (*3 hours. 3 credits. Bristol.*) Given alternate years.
424. COMMUNITY ORGANIZATION—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. (*2 hours. 2 credits. Bristol.*) Given alternate years.
441. PRINCIPLES OF SOCIOLOGY—A brief study of the principles of social evolution, social organization, social control, and social progress. (*3 hours. 3 credits. Bristol.*)
443. RACE PROBLEMS—Causes of race antagonism; racial inequality. History, causes and effects of immigration. The Negro problem.



(*Prerequisite: One course in Sociology or consent of instructor. 3 hours. 3 credits. Bristol.*) Given alternate years.

541-542. SEMINAR IN SOCIAL THEORY—For advanced students primarily graduates. (*One 2 hour period per week. 6 credits. Bristol.*)

571-572. SEMINAR IN SOCIAL RESEARCH AND INVESTIGATION—Students individually and in groups will be directed in the investigation of social and industrial conditions with reports and discussions. For graduate students majoring in Sociology. (*One two-hour period per week. 6 credits. Matherly, Bristol.*)

### SPANISH AND GERMAN

(For courses in German, see page 185.)

Professor Crow, Associate Professor Hathaway, Instructor Hauptmann,\*  
Instructor Johns, Instructor Kasten,\* Instructor Magaro.

#### SPANISH

21 (22). ELEMENTARY COURSE—Pronunciation, grammar, dictation, acquisition of vocabulary, written exercises, and translation. (*3 hours. 6 credits.*)

101-102. INTERMEDIATE COURSE—Advanced grammar, composition, and translation. (*Prerequisite: Spanish 22 or equivalent. 3 hours. 6 credits.*)

201-202. COMPOSITION AND CONVERSATION—(*Prerequisite: Spanish 102 or equivalent and consent of Head of Department. 3 hours. 6 credits.*)

301-302. GENERAL SURVEY OF SPANISH LITERATURE—A study of the history of Spanish literature supplemented by the reading of texts, emphasis being laid on the modern period. (*Prerequisite: Spanish 102 or equivalent. 2 hours. 4 or 6 credits.*)

303-304. GENERAL SURVEY OF SPANISH-AMERICAN LITERATURE—A study of the development of Spanish-American literature. Texts will be read to illustrate the various periods and nations. (*Prerequisite: Spanish 102 or equivalent. 2 hours. 4 or 6 credits.*)

401-402. LITERATURE OF THE GOLDEN AGE—A study of the drama, novel, and poetry of the Golden Age in Spanish literature. (*Prerequisite: Spanish 302 or equivalent. 2 hours. 4 or 6 credits.*)

403-404. OLD SPANISH—A study of historical grammar and readings from old Spanish texts. (*Prerequisite: Consent of instructor. 2 hours. 4 credits.*)

\*Absent on leave 1928-1929.

**VETERINARY SCIENCE**

Professor Shealy

301. FARM SANITATION—Water; sources and impurities; food; air; ventilation; disposal of excreta; disposal of carcasses; disinfection; sanitation following infectious diseases; internal parasites and their control. (2 hours. 2 credits.)
302. VETERINARY ELEMENTS—Elementary anatomy and physiology of the domestic animals; causes and symptoms of common diseases of animals; methods of prevention. (Prerequisite: Animal Husbandry 102. For groups other than Animal Husbandry. 2 hours. 2 credits.)
- 303 (304). VETERINARY ANATOMY AND PHYSIOLOGY—The skeleton, articulations, muscles, circulation, respiration, digestion, absorption and the nervous system. (Prerequisite: Animal Husbandry 102. Laboratory fee, \$2.00 per semester. 2 class and 1 laboratory periods. 6 credits.)
401. ANIMAL DISEASES—Causes, symptoms, treatment and methods of prevention of common diseases of farm animals. (Prerequisites: Veterinary Science 302 or 303-304. 2 hours. 2 credits.)
402. POULTRY DISEASES—Causes, symptoms, post mortem examinations, methods of prevention, and treatment for diseases of poultry. (2 hours. 2 credits.)

**PART V**

**DEGREES**

**CONFERRED**

**1928**

## DEGREES CONFERRED

MAY 29, 1928

## MASTER OF ARTS

Richard S. Berrey

David Franklin McDowell  
Charles Vernon Schoppe

## MASTER OF ARTS IN EDUCATION

Vedasto Zabala Munoz

## MASTER OF SCIENCE

John Mann Boyd  
William Edward FloodMont Broderick Moore  
Mamie Shaw\*  
Charles C. Swoope

## MASTER OF SCIENCE IN AGRICULTURE

Henry Trask Cowles

## MASTER OF SCIENCE IN BUSINESS ADMINISTRATION

Edward Hutchings Anderson

## CIVIL ENGINEER

James Robert Moorehead

Alexander Angus Gillis  
Joseph Neilson Watkins

## ELECTRICAL ENGINEER

Nelson Drennan Cooper

## MECHANICAL ENGINEER

John Capron Babson

## BACHELOR OF ARTS

Irwin Barnard Anderson\*  
Cecil Dupuis Beck  
Louis Spencer Bonsteel  
John Andre Bouvier, Jr.\*  
Chas. Henry Hardin Branch, Jr.  
Monroe Campbell, Jr.  
Thomas William Cantey\*  
Murray Golden Cohen  
Wayne Byron Dale  
Wilbur Y. Gary  
Jerome Albert Gratigny  
William Curry Harris\*William Logan Hill\*  
Merton Stuart Horrell  
George Leighton LaFuze\*  
Richard Abbott Lawrence  
John Camp Maultsby  
Henry Harris Meador  
Claude L. Murphree  
Elwood Pillsbury Padgett  
Joseph Hutton Russell  
Berwyn Reed Spofford\*  
Cecil Asbury Thompson  
Charles Weston Tucker, Jr.

Gardiner Warren Welch

## BACHELOR OF SCIENCE

James Loudon Borland  
Leslie Collins  
Joseph Otto Keezel  
James Milton McClamrochRoger Earle Phillips  
Edgar James Smoak  
George Walling Wilder  
Harold Buckley Young

## BACHELOR OF SCIENCE IN AGRICULTURE

John McDavid Cobb  
Trusten Polk Drake, Jr.  
Albert Gilchrist Driggers  
Arthur Garner Erwin  
Justo Jose Fabrega  
Raymond Holt HowardJames Andrews Hudson  
Reginald Max Jones  
Lawrence John Larson\*  
Vedasto Zabala Munoz  
Leonard Raymond Toy\*  
David Gasston Worth

\*Member Phi Kappa Phi, Honorary Fraternity.

## BACHELOR OF SCIENCE IN CIVIL ENGINEERING

Paul McCreary Blair	William Allen McLendon
Olen Campbell*	Kenneth Wallace Prest
Archibald Lewis Clayton, Jr.*	William Edward Swoope
Karl Daniel Henderly*	Orren Lee Van Valkenburg*
John Fleming Huddleston*	Arthur Bingham Weissinger

## BACHELOR OF SCIENCE IN ELECTRICAL ENGINEERING

Jesse Bryant Beasley	James Gaylord Keck
William David Cockrell*	Rex Eytong Lee*
Albert Clarke Dean	Clifford Aukincloss Lyle
William Edelstein	Frederick Ralph Sias
Jett McLauren Jenkins	Joe Perry Windham
William Hughes Johnson*	Frederick Ellis Wray

## BACHELOR OF SCIENCE IN MECHANICAL ENGINEERING

William Harrison Easton	George Corwin Robertson
	George Hoffman Smith

## BACHELOR OF SCIENCE IN CHEMICAL ENGINEERING

Walter John Sciutti*	Robert Charles Shimp
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## JURIS DOCTOR

Yervant Harry Baghdoian*	J. Malcolm Johnson, Jr.
Robert Edward Cope, Jr.	Ernest Edward Mason
Merton Stuart Horrell*	Alma Spencer Slagle*
	Olin Ethredge Watts, Jr.*

## BACHELOR OF LAWS

William Oliver Anderson	Edmund Alexander Lake
Fred Randolph Baisden	Emanuel Millman
Norris Frederick Baskin	John A. Henderson Murphree
Chester Leigh Benedict, Jr.	Richard Morris Naylor
Frank Dean Boggs	William Cook Norvell, Jr.
Everett Hill Butler	Francis Cooper Pelot
William Marvin Clifton	Bonny Kas'o Roberts
John Lincoln Cogdill	Marcus Aurel Rosin
William Joseph DeHoff	Sam Wallace Russ
Carroll Fontaine Dewees	Byron Tewilliger Sauls
Frank Britt Dowling*	Harold Leon Sebring
Borden McLeod Dyer	William Wallace Shafer
Julian Earle Fant	Foster Shi Smith
John Melvin Hearn	Cyrus Hamlin Smithdeal, Jr.
Benjamin Edgar Hendricks	Ignatius C. Spoto
William Franklin Hobbs	Hugh Monroe Sutton, Jr.
Francis Gresham Janes, Jr.	Marion Huguenin West*
Wilbur Donald Jobe	Conrad Joseph Weirsteiner
Birkett Fry Jordan	William Sidney Wilson, Jr.
Ronald Arthur Julian	Richard Starkey Woodruff
	Lewis Thomas Wray

## BACHELOR OF ARTS IN EDUCATION

Jasper Newton Copeland	Herbert Joseph Leuthner
Lonnie Lee Dugger	Arvel Lewis Morgan*
Wallace Clarence Durham	Leland Wills Moon
William Walter Flournoy	Jennings Alligood Rehwinkel*
Arthur Sylvester Green*	James Willard Trammel
Lawrence Tracy Harrington	Hiram Allen Whitton
	Angelo David Williams

\*Member Phi Kappa Phi, Honorary Fraternity.

## BACHELOR OF SCIENCE IN EDUCATION

Alexander Hamilton Brodmerkel	Ross Everett Jeffries
Earl Clay Clevenger*	James Emery Smith
Oscar Leon Durrance	Mode Lee Stone

## BACHELOR OF SCIENCE IN PHARMACY

Bertram D. Walton

## BACHELOR OF SCIENCE IN BUSINESS ADMINISTRATION

Merle Oliver Barnd	Walter Herbert Jackson*
Reginald Guy Cassady	Lewis Allen Lancaster*
Joseph Ashley Cawthon	Robert Powell Majors
Charles B. Davidson, Jr.	Hugh McCall
John Robert Dillon, Jr.	Thomas Franklin Newman, Jr.*
Kenneth Greig Haggart	Alden C. Smith
Richard Moir Hutchings	Benjamin Franklin Ridenour
	Fred Curtis Ward*

## BACHELOR OF SCIENCE IN JOURNALISM

William Jerrold Bulloch	Malcolm LaMar Fordham
	Paul Rutherford Robertson

## BACHELOR OF SCIENCE IN SOCIAL ADMINISTRATION

Eleanor Rowena Marchman

## CERTIFICATES CONFERRED

## NORMAL DIPLOMA

Carl Parmely Arant	Mason Wayne Morrow
Clarence Jessee Bowman	Carey Ellis Swinington

## PHARMACEUTICAL CHEMIST

Gordon Alonzo Baker	Joseph Huske Pearce*
Jonathen A. Black	Erwin M. Seay
Richard Harry DeBoer	Richard Harrison Swaine
Chancey George Hamilton	Marcus D. Waldron

## GRADUATE IN PHARMACY

Frank I. Zumwalt

## RESERVE CORPS COMMISSIONS

## SECOND LIEUTENANT INFANTRY

Abernathy, James Greenwood, Jr.	Hunnicut, Milton Reese, Jr.
Anderson, Irwin Barnard	Jordan, William Douglas
Arnett, William Tobias	Lawrence, Richard Abbott
Bell, Walter Blaisdell	Leszczynski, Roman Casimer
Blair, Paul McCreary	Majors, Robert Powell
Brooks, Roy Ray	Miller, Robert Thomas
Brown, Newton Walker	Mizell, Bascom Fernando
Brown, Robert Hamilton, Jr.	Mizell, John Keener
Cawthon, Joseph Ashley	Morgan, Arvel Lewis
Cox, Arthur Slater	O'Donald, Edward Todd
Curtis, Fred	Ridenour, Benjamin Franklin
Davidson, Charles Borum, Jr.	Smoak, Edgar James
Dillon, John Robert, Jr.	Walker, Ion Sessions
Ferris, Bernhardt Lee	Walton, Bertran David
Fuller, Thomas	Ward, Fred Curtis
Gravely, Louis Overton, Jr.	Wilder, George Walling
Green, Carl Roger	Windham, Joseph Perry
Green, George Marvin	Wray, Frederick Ellis

\*Member Phi Kappa Phi, Honorary Fraternity.

## CERTIFICATES IN LIEU OF COMMISSIONS

Bullock, William Jerrold	Ramsey, Allan Collier
Denham, George Leitner	Sims, William Harris, Jr.
Grenelle, Edwin William	Smith, George Hoffman
Hughes, Robert Lawrence, Jr.	Watrous, Thomas Monroe
Matthews, Donald Ray	Welles, Gurdon Henry

## SUMMER SCHOOL COMMENCEMENT

### DEGREES CONFERRED

## SUMMER SCHOOL 1928

## MASTER OF ARTS

Allen Thornton Craig	Angus McKenzie Laird
	Alton Chester Morris

## MASTER OF ARTS IN EDUCATION

Ellis Moore

## MASTER OF SCIENCE

Donald Carr Booth	Roy Lewis Cunningham
	Wendell Creager Setzer

## MASTER OF SCIENCE IN BUSINESS ADMINISTRATION

William Trotter Hicks

## BACHELOR OF SCIENCE

*Edward Thorpe Boardman	Leon Fitzpatrick Fernald
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## BACHELOR OF SCIENCE IN AGRICULTURE

Frederick Ernest Baetzman	Herbert Graham Guy
Charles Ralph Dawson	Rex Foster Toole

## BACHELOR OF LAWS

Richard William Ervin	*William Stanley Hitchcock
William Burch Fudger	Thomas Marshall
Joseph Maria Gomez	Harry Irwin Young

## BACHELOR OF ARTS IN EDUCATION

*George Arbic	William Homer Potter
*John Russell Clayton Cawthon	Amandus Reithmeier
Carl Henly Harris	Wilfred Simmons
Sarah Satterwhite Harris	Wilma Simmons
Frank Samuel Hudnall	Sister Anna Maria
*Albert Louis Isaac	*Annie Belle Stewart
Thomas Hill Langston	Lida Tulane
Carolyn Harris Meadows	Andrew Jackson G. Wells
	*William Simpson Weaver

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\*Member Phi Kappa Phi, Honorary Fraternity.

## BACHELOR OF SCIENCE IN EDUCATION

Dan Pouncey Folsom  
John Christian Leps

Memory Martin  
Horace Edgar Richey

## BACHELOR OF SCIENCE IN BUSINESS ADMINISTRATION

Henry Frater  
Metzgar Elroy Josey

Charles Jason Lovvorn  
Bascom Fernando Mizell

\*Henry Peel

## NORMAL DIPLOMA

Thomas Asson  
Dorothy Mary Beaver  
Adelia Johnson Blacklock  
Ida Gertrude Canney  
Alice Love Church  
Fannie Cumming  
Annie Elizabeth DaCosta  
William Thomas Edwards  
Hettie Redford Harwell  
Kate Miles Hemphill  
Jay Derieux Hobbs  
Clara Belle Ledbetter  
Broward Napoleon Lovell

Jacob Henderson Marshburn, Jr.  
Robert Thomas Miller  
Irene Elizabeth Morris  
Harold Wilbur Myers  
Lavinia B. Peterson  
Daisie Poole  
Edward Right Poppell  
Anna Laura Read  
Ashley Roche Russ  
Sarah Harrison Semmes  
Flora Eveline Walter  
Bureon Kylus Wheeler  
Rosa Belle White

Emma Dyer Wicker

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\*Member Phi Kappa Phi, Honorary Fraternity.



**PHI KAPPA PHI HONOR SOCIETY**

**OFFICERS 1928-1929**

A. P. BLACK.....	PRESIDENT
J. W. NORMAN.....	VICE-PRESIDENT
B. W. AMES.....	SECRETARY
CORA MILTIMORE.....	TREASURER
C. L. CROW.....	HISTORIAN

**ELECTED DURING THE SUMMER SESSION 1928**

Carie-Benie Boyd	E. T. Boardman	Henry Peel
John R. Cawthon	W. S. Hitchcock	Annie Belle Stewart
George Arbic	Albert L. Isaac	W. S. Weaver

**UNDERGRADUATES ELECTED 1928-29**

ARTS AND SCIENCES

L. R. Bristol	Ben Perloff	J. A. Connor
Fred D. Ayers	Barkley Rosser	J. V. McQuitty
J. Webster Merritt		

AGRICULTURE

J. E. McIntyre	M. R. Bedsole	J. E. Sawyer
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ENGINEERING

C. E. Mines	P. C. Crapps	A. W. Payne
A. E. Hills	W. T. Arnett	N. A. Skeels
R. H. Brown		I. H. Smith

LAW

M. M. Kendall	J. L. Graham	Sam Silverman
A. D. Brown	J. M. Atwater, Jr.	Marcus Edelstein
N. J. Roberts		O. S. Thacker

TEACHERS

F. M. DeGaetani	L. A. Guessez	Samuel Eff
L. N. Henderson	C. J. Bowman	J. L. Scotten

COMMERCE AND JOURNALISM

J. R. Graves	P. C. Scaglione	C. T. Parsons
J. D. Copeland	H. Frazier	W. L. Wilder

**ORATORICAL HONORS**

**1928**

Freshman-Sophomore Declamation Contest.....	ALVIN DEARING
Junior Oratorical Contest.....	BENJAMIN THORNAL
Senior Oratorical Contest.....	GEORGE H. SMITH

## STUDENT ROLL, 1928-29

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.

Name and Classification	Address	Name and Classification	Address
Abbott, Charles Elliott, G	Gainesville	Armstrong, Leo Henry, CE 2	Manatee
Abernathy, James Greenwood, L 4	—Ft. Lauderdale	Arnett, William Tobias, A 4	Clermont
Adams, Charles Raymond, BS 1	Hastings	Arnold, Laurie James, T 2	Lake City
Adams, Clarence Edgar, AB 2	Warner, N. H.	Arnow, Carlton Columbus, L 1	Hawthorne
Adams, Gordon Stewart, J 3	Gainesville	Arnow, Leslie Earle, P 3	Gainesville
Adams, Jean Stacey, E 1; BS 1	Sanford	Arnow, Robert E., CE 2	Hawthorne
Adams, John Franklin, EE 2	Jacksonville	Arnov, Winston Eugene, AB 2	Gainesville
Adams, John Quincy, Ag 1	Crystal River	Arrington, Briggs, T 2	Sanford
Adams, LeRoy, PM 1	Jasper	Ash, Albert Lynn, AB 1	Tarpon Springs
Adams, Mark Elbert, BS 3	Jacksonville	Ashkenazy, Irving, J 1	Tallahassee
Adams, Robert, T 1	Jacksonville	Ashmead, Forrest Graham, BA 4	—Jacksonville
Adams, Samuel Hugh, P 1	Freeport	Ashmore, Freeman Winton, BS 3	—Gainesville
Addison, Joe, G., PM 1	Punta Gorda	Ashmore, Wayne Verriell, BA 2	Gainesville
Adelson, David, BS 1	Tampa	Atkins, George Wesley, L 1	Blountstown
Agerton, Thomas Bush, AB 1	Auburndale	Atkinson, Meldrum Williams, T 1	—Panama City
Ahmann, Chester Frederick, G	Gainesville	Atwater, James M., L 4	—Burlington, N. C.
Ahrano, Jean Pierre, BA 2	Tampa	Augat, John G., BS 1	Attleboro, Mass.
Aikin, Horace Dean, L 4	St. Petersburg	Ausley, Charles Saxon, L 3	Tallahassee
Aikin, Winton James, E 1	Toledo, Ohio	Austin, Archie Boyd, G	Wingo, Ky.
Airth, Alfred Thomas, L 3	Live Oak	Austin, Elmer Dale, T 1	Umatilla
Airth, George Edward, L 4	Live Oak	Austin, Hugh Stewart, AB 4	Orlando
Akin, Elisha Gunter, AB 2	Dade City	Austin, Marion Fontain, Ag 1	Leesburg
Akridge, William Greenberry, L 3	Cocoa	Auvil, Colan Sealey, AB 2	Dade City
Albritton, Robert Bruce, P 1	Mulberry	Axtell, Reginald Randall, L 1	Jacksonville
Alchediak, Mike Karam, EE 2	Tampa	Ayers, Fred Donald, BS 4	Gainesville
Alexander, Robert Kenneth, BA 1	Tampa	Ayres, Willard Wood, T 1	Miami
Alexander, Thomas, L 1	Tampa	Babcock, Claude Guthrie, BA 2	Key West
Alexander, Thomas Ley, BS 2	Tampa	Babloozian, Levon Megrditch, BS 1	—Gainesville
Allan, Addison Lazear, J 2	Jacksonville	Bachlott, Maurice Randolph, ME 4	—Gainesville
Allen, Chester Robinson, T 4	Auburndale	Baer, Allan Oliver, BA 2	Lakeland
Allen, John Edward, L 5	Tampa	Baggott, Charles Edward, G	Plant City
Allen, J. W., BS 3	Manatee	Baggs, David Frederick, P 2	Tallahassee
Allen, Ralph Fred, BA 1; BS 1	Milton	Bailey, Kenneth G., BS 1	Hastings
Allen, Theodore, PM 2	Manatee	Bailey, Wilfred George, L 3	Port Richey
Alonzo, Wesley Jenkins, P 1	Gainesville	Baker, Donald Felter, Ag 4	Coral Gables
Alvarez, Lawrence, T 1	Jacksonville	Baker, Ira Lee, T 1	Delray Beach
Ames, Burton Weber, G	Loughman	Baker, Robert Britton, E 1	Hawthorne
Amos, John Ernest, BA 3	Tallahassee	Baketel, Sherman Tenney, PM 2	—Mathuen, Mass.
Amrein, Werner Charles Ernest, E 3	—St. Petersburg	Baldwin, Donald Morrison, PM 2	—Jacksonville
Anchors, Garner Beauford, AB 1	Niceville	Baldwin, Hildreth Clarence, AB 2	—Tampa
Anderson, Arthur Lochridge, L 1	Tampa	Baldwin, James Clinton, BS 1	Chipley
Anderson, Charles B., L 4	Tampa	Baldwin, Lloyd, BS 3	Miami
Anderson, Frank Cellon, BA 1	Bradenton	Bancroft, Winthrop, L 4	Gainesville
Anderson, Frank Marvin, BS 4	Orlando	Bannerman, Robert Charles, CE 2	—Tallahassee
Anderson, Frank Newton, BS 2	Gainesville	Baque, Frank, BA 1	Miami
Anderson, Hans Olaf, Ag 2	Pierson	Barber, Merrill Phillip, AB 1	Vero Beach
Anderson, Hugh B., BS 1	Ft. Meade	Barber, Walter Lanier, T 1	Sanford
Anderson, Oliver Wendell, Ag 1	Dade City	Barcus, Harry, BS 1	Leesburg
Anderson, Richard Aubrey, BS 1	—Crystal River	Barker, Albert Edward, AB 2	Jacksonville
Anderson, Thomas Edward, BA 2	—Jacksonville	Barker, Howard, T 2	Ft. Meade
Anderson, William Farris, L 1	Orlando	Barker, John Shearer, T 2	Gainesville
Andreas, Robert Alan, AB 2	—New Phila., Ohio	Barker, Quentin Hansen, BA 1	Wildwood
Andrews, Charles Forrest, BA 1	Gainesville	Barnes, Charles Olin, G	Plant City
Andrews, Charles Lester, T 3	Darlington	Barnett, Lucian Phillips, BS 1	Gainesville
Andrews, John McCall, AB 1	Jacksonville	Barnhill, William Benjamin, Ag 5	—Gainesville
Angle, Allie Bayard, PM 2	St. Petersburg	Barnum, John Merton, AB 1	Miami
Anglin, Edgar Edward, T 2	Bunnell		
Anthony, Henry Duncan, BA 3	Jacksonville		
Anthony, James Rembert, BA 2	—Jacksonville		
Aranzo, Joseph Lawrence, T 1	Tampa		
Archibald, Robert Burns, BA 2	Jacksonville		
Armistead, Austin Bernice, BS 1	—Laurel Hill		

Name and Classification	Address	Name and Classification	Address
Barrineau, James Archibald, Ag 2	Gonzalez	Blackwell, Jacob Beck, BS 2	Panama City
Barrow, David Crenshaw, BS 1	DeSota City	Blair, Luther C, ChE 2	Orlando
Barrow, Joseph Reneay, Ag 2	Arcadia	Blair, William Stuart, BA 2	Clearwater
Barshell, Frederick Herbert, T 2	Avon Park	Blalock, Lewis F., BA 3	Ocala
Bartleson, Warren K., E 2	Lake Wales	Blalock, Maury Jelks, T 2	Madison
Bartlett, Stuart Ellis, Ag 2	Vero Beach	Blalock, Thomas Lewis, AB 2	Jacksonville
Bashaw, William Niles, AB 3	Gainesville	Blanc, Bernard G., BA 3	Miami
Bass, Clayton Claude, L 1	Live Oak	Blanton, Franklin Sylvester, Ag 4	—Atmore, Ala.
Bass, Joe, BA 3	Tampa	Blanton, Lane, T 1	Wauchula
Bass, Tobe Ackies, Ag 2	St. Cloud	Blasingame, Powell Newton, CE 4	—Gainesville
Bassett, Henry D., T 2	Tampa	Blocker, William Michel, A 2	Tampa
Bassett, Lloyd Ross, E 3	St. Petersburg	Blow, John Nichols, BA 2	Montgomery, Ala.
Batchelor, Donald Laveen, BS 1	—Homestead	Bludworth, William Howard, BS 1	Argyle
Bateman, Robert Edward, Ag 4	Wauchula	Blue, William Floyd, T 1	Perry
Bates, Mortimer Boler, BA 2	Quincy	Boales, Maxwell Lee, BA 2	Daytona Beach
Bauer, Albert Frederick, Ag 3	Groveland	Boardman, Edward Thorp, G	Gainesville
Bauer, George Frederick, Ag 1	Warrington	Bogan, Leslie E., BA 4	Pensacola
Baumgartner, Dorst Frederick, BA 4	Sarasota	Bogart, John Allen Calhoun, CE 2	—Fernandina
Baur, William Hugh, PM 1	Quincy	Bogle, James Huff, BA 2	Sebring
Bayly, Cyril, A 4	Gainesville	Boley, Robert Clyde, T 2	Tampa
Baynard, Henry Swinton, L 4	St. Petersburg	Bolton, Charles Houston, BS 1	Palm Beach
Beach, George M., PM 1	Hastings	Bond, William Bours, L 1	Jacksonville
Beachem, Joseph William, CE 3	—Anastasia Island	Bondi, Joe Charles, PM 2	Tampa
Beardsley, Edward Henry, BA 4	Jacksonville	Bono, Louis J., T 2	Jacksonville
Beasley, Clarence White, T 1	Gainesville	Bonsteel, Louis Spencer, L 3	Gainesville
Beasley, Ivy E., T 2	Umatilla	Boone, Archie Altman, A 4	Gainesville
Beasley, Robert G., EE 3	Umatilla	Boone, Jarrett Potter, AB 1	Miami
Becker, Harold Melvin, PM 2	—Las Animas, Colo.	Boote, Joseph Owen, BA 3	Jacksonville
Beckwith, Donald William, ME 4	—Jacksonville	Booth, Clyde W., E 5	Sanford
Bedsole, Malcolm Roy, Ag 4	Graceville	Boozer, Elwin Claude, L 4	W. Palm Beach
Beggs, Elmer Dixie, AB 3	Pensacola	Borders, Huey Ingles, Ag 4	Jacksonville
Beldner, Leonard Kelman, T 1	Miami	Bostick, John Nathaniel, PM 2	Gainesville
Bell, Charles Edward, G	Gainesville	Bostwick, Robert Sturgeon, E 1	Jacksonville
Bell, Fred Vincent, AB 1	Atlanta, Ga.	Bostwick, Thomas, E 1	Jacksonville
Bell, Stuart Craig, Ag 1	Barberville	Botts, Ralph Rudolph, E 1; BA 1	Tampa
Bell, Tom Devereaux, E 1	Arcadia	Boudet, Marcel Anselme, Ag 1	Lake Worth
Bell, Walter Blaisdell, BA 2	—Daytona Beach	Bouvier, John André, L 4	Gainesville
Bendle, Harold Wright, BA 1	Miami	Bowen, Elton Lee, BA 2	Chipley
Benjamin, Morris, BA 2	Sanford	Bowen, Maynard Lea, G	—Albuquerque, N. Mexico
Bennett, Breece Erin, BS 1	Oak Hill	Bowersox, William, T 1	Cottage Hill
Bennett, Charles Edward, BS 1	Tampa	Bowman, Clarence James, T 4	Wauchula
Bennett, Harold Phillip, PM 1	—St. Petersburg	Bowyer, Ernest Jerome, T 3	Gainesville
Bennett, Joel Willard, A 5	—Charlotte Harbor	Boyce, William Hazen, E 1	Sebring
Bennett, Robert Broadhurst, ChE 2	Tampa	Boyd, Crowther Mann, BA 2	Jacksonville
Bennett, Stanley LeRoy L 4	—Prospect Plains, N. Y.	Boyd, James Cody, BA 4	Tavares
Benson, Robert Thomas, T 4	Manatee	Boyd, John William, BA 1; BS 1	—Ft. Lauderdale
Benton, Felix, A 2	Tampa	Boyd, Randolph Wilson, T 3	Jacksonville
Bergert, John Frederick, BA 3	Loughman	Boyd, Robert William, BA 3	Orlando
Berlack, Laurence Harold, BA 2	—Jacksonville	Boyd, William Daniel, G	Jacksonville
Berner, Leander W., ME 2	Sanford	Boyd, William Wallace, EE 3	Clermont
Berry, Flournoy James, BA 2; BS 1	—Pierce	Boyette, James Ancil, T 1	Lake Wales
Berryhill, Thomas Oscar, L 1	—Ft. Lauderdale	Boys, Joseph Eugene, BA 3	Gainesville
Bethea, Lee Roy, T 2	Gainesville	Bradford, A. Lee, L 4	Miami
Bevan, Joseph, AB 2	Madison	Bradshaw, Donald Gregory, ChE 2; BA 1	—Lake Jovita
Bevington, Myron Thomas, T 2	—Lake Worth	Brady, Robert Converse, Ag 1	Titusville
Biggers, Willard Brady, BS 1	Miami	Branch, Garland Marion, T 3	Plant City
Billingham, Frank Edwin, BA 1	—Winter Park	Brand, Fred Perkins, BS 1	Clermont
Bir, George P., BA 1	Huntington, Ind.	Brandon, Clarence William, AB 2	Groveland
Bisant, Oscar Melville, BS 3	Jacksonville	Brandon, J. Davis, EE 2	Brandon
Bishop, Donald Emery, AB 3	Gainesville	Brandt, Edward Frederick, L 3	Gainesville
Bishop, Homer Gould, Ag 5	Oshkosh, Wis.	Brannon, William Brantley, L 1	Lake City
Bishop, Howard Wayne, L 4	Gainesville	Brant, Ishmael Winfred, T 1	Oklawaha
Bishop, Wilbur, PM 2	Gainesville	Brantley, James Worth, PM 1	Grandin
Black, Arthur Keith, L 4	Gainesville	Brantley, Thomas Bruce, BA 1	Ft. Pierce
Black, Kermit Kellog, L 1	Tampa	Brasfield, Herbert, AB 1	Clearwater
Black, Kermit Lamar, BA 3	Minneola	Braswell, Thomas Mills, T 1	Monticello
Black, Lassie Goodbread, Ag 2	Lake City	Bratley, Forrest Groves, BS 4	Miami
		Brenan, George Francis, BA 1	Orlando
		Brennan, Philip Kenneth, BS 1	Delray Beach
		Brick, Edward J., BS 2	Marianna
		Bridges, Thomas William, BA 1	—Chattanooga, Tenn.

Name and Classification	Address	Name and Classification	Address
Brinkley, Harry John, Ag 1	Jacksonville	Calhoun, Paul White, BS 3	Madison
Bristol, Loris R., AB 4	Gainesville	Calmes, Glenn B., BA 2	Daytona Beach
Brockman, Alfred Eugene, AB 2	—St. Petersburg	Calvert, Donald Ellwood, L 3	Hamilton, Pa.
Brogdon, Wright Martin, L 1	Miami	Calvin, William John, BS 1	Eustis
Brooker, Layton Robert, BA 3	Tampa	Camp, Clarence, T 1	Ocala
Brooks, Richard Lee, Ag 1	Montreal, Quebec	Camp, Henry Nurney, L 3	Ocala
Brooks, Robert Luther, Ag 1	Montbrouck	Camp, John Perlin, G	Gainesville
Brooks, Roy Ray, L 3	Tampa	Campas, Joseph John, BA 4	Ft. Meade
Brothers, Shelby Lee, Ag 2	Reddick	Campbell, Byron Fred, L 3	Hilliard
Brough, Ronald Claude, BA 1; T 1	—Jacksonville	Campbell, James Theodore, T 1	Zephyrhills
Browder, David, AB 2; T 2	Leesburg	Campbell, Jean Ingram, E 1	Ft. Pierce
Brown, A. Dana, L 4	St. Petersburg	Campbell, Vernon George, CE 3	Tampa
Brown, Arthur Dunning, AB 2	Tampa	Campbell, Wilbur Ray, AB 1	Orlando
Brown, Broadus Cato, EE 2	Gainesville	Campbell, William Lambert, P 1	Kissimmee
Brown, Charles Albert, T 1	Jacksonville	Campo, John Recca, P 2	Stamford, Conn.
Brown, Clyde Ree, L 1	W. Palm Beach	Cannon, Frank, L 4	Falmouth
Brown, George Rodney, J 5	Daytona Beach	Cantey, Francis Fleming, BA 1	Madison
Brown, Harvey Drennen, T 1	Leesburg	Caplan, Salem David, E 5	Miami Beach
Brown, Marvin Augustus, BS 1	—Manchester, N. H.	Caraballo, Julian Evans, E 1	Tampa
Brown, Newton Walker, CE 3	—W. Palm Beach	Caraballo, Martin, AB 2	Tampa
Brown, Merritt, T 1	Panama City	Carbonell, Fred Segundo, PM 1	Key West
Brown, Oren, Ag 1	Kissimmee	Carleton, William Graves, L 3	—Evansville, Ind.
Brown, Robert Hamilton, A 4	Bartow	Carlisle, Charles Stanley, BS 1	Jacksonville
Brown, Sheldon Webb, AB 2	Palatka	Carlton, Doyle Ivan, AB 2	Ft. Meade
Brown, William Franklin, L 1	Miami	Carlton, Ernest Odell, BS 1; T 1	Wauchula
Brownett, Francis Harold, A 1	Jacksonville	Carlton, Marby A., L 3	Gainesville
Browning, John O'Donnell, T 3	Miami	Carlton, Thad H., L 3	Ft. Pierce
Browning, Louis Park, E 1	Gainesville	Carlton, Winston Broaddus, T 1	Wauchula
Brumbaugh, Carl Lowry, T 4	Gainesville	Carmichael, Parks Mason, L 1	Gainesville
Brumley, Frank Warren, G	Gainesville	Carmichael, Scobey Kustin, Ag 1	—W. Palm Beach
Bruner, Gerald James, T 1	Stuart	Carney, Jimmie I., PM 1	Bradenton
Brunk, Lloyd Sandy, Ag 3	Sebring	Carrager, John Joseph, L 1	St. Petersburg
Brunton, James DeWitt, L 1	Plant City	Carranza, Manuel Sama, P 3	Tampa
Bryan, Johnson Hamlin, L 4	Jacksonville	Carraway, Andrew McGilbrey, BS 2	Sanford
Bryan, Perry N., T 3	Ft. Lauderdale	Carson, Robert Paul, BA 2	Jacksonville
Bryan, Thomas Barnes, CE 3	Greenwood	Carter, Henry Hensford, AB 2	Reddick
Bryan, William Allan, L 4	Charlotte, N. C.	Carter, Ira J., PM 1	Newberry
Bryant, Bronson Worthington, T 5	—Gainesville	Carter, Jerry William, T 1	Tallahassee
Bryson, John Angus, T 2	Jacksonville	Carter, Joseph Martin, P 2	Ehren
Buck, K. V., L 3	Miami	Carter, Julian Maxwell, PM 1	Hastings
Buckley, John Albert, T 2	St. Petersburg	Carter, Ralph Edward, T 3	Hialeah
Buckley, Thomas Hartwell, J 1	Miami	Carter, Ray Andrew, AB 1	Jacksonville
Budington, Julian Paul, BA 2	Daytona	Carter, William Fletcher, BS 1	Lakeland
Buel, Clark Harry, CE 3	St. Augustine	Cartwright, Morgan Rouse, AB 1	Stuart
Buel, Ernest McClung, BS 1	Jacksonville	Caruthers, Robert Mays, Ag 1	Orlando
Bue, George Archie, L 4	Lake City	Carvalho, Joaquin Ferreira, Ag 5	—De Setemio Paraiizopolos, Minas, Brazil
Bull, John Francis, L 1	Gainesville	Casebier, H. N., L 4	Gainesville
Bullard, William J., BA 3	Gainesville	Cason, Roy Sloan, L 1	Delray Beach
Bullock, Roy Leighton, PM 1	Graceville	Cate, Wilbur Seymour, P 3	Gainesville
Burch, Earl, BS 1	Palmetto	Cauthen, James Edwin, BS 1	Leesburg
Burch, Ernest William, L 3	Ocala	Cauthen, Robert Irwin, BS 1	Leesburg
Burger, Alfred Grant, PM 1	Jacksonville	Cawthon, Rainey, T 3	Tallahassee
Burke, William Henry, J 3	Gainesville	Chace, Thomas Stephen, L 1	Tampa
Burnett, William, Ag 1	Bradenton	Chadwich, Ralph Willis, BS 2	Punta Gorda
Burns, Paul McKinnon, PM 2	Graceville	Chambers, Harley P., T 1	Plant City
Burr, Raymond O., L 4	Gainesville	Chambless, James Walter, L 4	Tampa
Burton, Louise Screven, Ag 3	Leesburg	Chambless, Robert Flake, E 1	Tampa
Burton, Walter Garland, E 1	Jacksonville	Chaplin, Charles F., BA 2	Miami
Burton, William Mosby, BS 3	Madison	Chapman, John W., CE 2	Winter Garden
Butler, Byron Neel, L 1	Chipley	Charles, William Wilkins, AB 1	Ortega
Butler, Dantzler Albert, T 2	Daytona	Chase, John Frank, BA 3	St. Petersburg
Butler, Mark D., BS 4	Miami	Chatham, Joshua David, J 3	DeLand
Butler, Robert Dopsen, BS 1	Sneads	Cheatham, Benjamin Ballard, BS 2	—Jacksonville
Butler, Valery Dekle, BA 1	Chipley	Chewning, George Chandler, CE 2	Gainesville
Butt, Thomas Cecil, PM 2	Orlando	Childers, Ronald Wayne, E 1	Port St. Joe
Butts, John L., G	Artesia, Miss.	Childs, Lawrence David, L 3	St. Petersburg
Byrd, William Boardman, J 3	Hollywood	Chilson, Francis A., BS 1	Bradenton
Byrnes, Robert Edward, BA 2	Jacksonville	Chilson, Lee Duke, BS 3	Bradenton
Cain, Thomas Leonard, Ag 3	—St. Simons Island, Ga.	Chipley, Edmund Lee, CE 3	Bokeelia
Caldwell, John Erwin, ME 3	DeLand	Chittenden, Simeon Dudley, CE 4	Tallahassee
Caldwell, William Earl, T 3	Jacksonville	Chittenden, William Rawls, EE 2	Tallahassee
		Church, Al Convers, CE 2	Gainesville
		Church, Daniel Duncan, J 2	Gainesville
		Ciaravella, James M., T 1; PM 1	Tampa

<i>Name and Classification</i>	<i>Address</i>	<i>Name and Classification</i>	<i>Address</i>
Clark, Charles Cuthbert, BS 1	Plant City	Coulter, George Shrader, AB 2	Jacksonville
Clark, Charles L, L 1	Blountstown	Cowart, Walter James, BA 4	Gainesville
Clark, Frank Wellington, BA 2; T 2	—Titusville	Cox, Allyn B., BA 2	Hollywood
Clark, Harry Albright, BA 1	Mt. Dora	Cox, Arthur Slater, CE 4	Palmetto
Clark, James Eugene, E 1	St. Petersburg	Cox, Guy, G	Woodruff, S. C.
Clark, John Dexter, Jr., E 1	Bartow	Cox, James Calhoun, Ag 1	Lake Alfred
Clark, Judson Douglas, T 1	Mt. Pleasant	Cox, Mercer, AB 4; T 4	Wausau
Clark, Perry Dudley, BA 3	Pensacola	Cox, Ray Donald, E 3	Clermont
Clark, Vernon Wilmot, T 1	Bradenton	Crabtree, Clyde, T 3	Gainesville
Clark, Walton Bryant, BA 2	Bartow	Craft, Donald Goddard, AB 2	Live Oak
Clarke, Edwin Meredith, T 2	Gainesville	Craig, Francis Whitcomb, A 3	DeLand
Clarke, William Lee, A 5	Tallahassee	Craig, James Conover, J 3	Jacksonville
Clarke, William Richard, ChE 3	Orlando	Craig, Joseph Alexander, E 1	Jacksonville
Clarkson, Harry Beecher, E 1; BA 1	Ocala	Crain, Joseph Parrott, J 3	Jacksonville
Clayton, Archibald Lewis, G	Jacksonville	Crapps, Porter Claude, ChE 4	Gainesville
Cleare, Allan Bruce, L 4	Key West	Crawley, David Wall, P 2	Danville, Ill.
Clemons, Justin, T 3	Plant City	Creighton, John Thomas, G	Augusta, Ga.
Clemons, Walter Nickolson, T 2	Tallahassee	Crews, Elton Winthrop, BA 2	Zolfo Springs
Cleveland, Wilburn Augustine, L 4	—Jacksonville	Crews, Norman Cecil, BA 4	Zolfo Springs
Click, Gustavo Neri, BS 3	Pensacola	Crofton, George Russell, AB 2	Titusville
Clifton, Malcolm Merrill, BS 1	Evanston, Ill.	Crotty, George Sturges, AB 1	Crescent City
Close, Bass, BS 1	Wauchula	Crownover, Robert Louis, BS 1; E 1	—Coral Gables
Clyatt, Pete, PM 1	Lakeland	Crozier, Orville Louis, Ag 1	Ft. Pierce
Clymore, William Vane, J 1	Gainesville	Culbertson, Raymond Eugene, G	Gainesville
Coates, Edward, BS 1	Tampa	Culpepper, John Broward, AB 4	Perry
Coates, James Greene, AB 1	Ft. Pierce	Cummings, Christy Isaiah, PM 1	—St. Augustine
Cobb, William Alfred, L 1	Gainesville	Currie, F. A., L 1	W. Palm Beach
Cockrell, Robert Spratt, AB 3	Gainesville	Curry, Henry Franklin, CE 3	Bradenton
Cody, James Alden, BA 2	Penny Farms	Currie, Howard Fletcher, BS 3	Freeport
Cofran, Everett Smith, G	Gainesville	Curry, Edgar Hayden, L 3	Nakomis
Cohen, Edward Jacob, E 1	Jacksonville	Curry, William Clark, BA 1	Bradenton
Cohen, Reid Augustus, AB 2	Tampa	Curtin, James Edward, AB 2	Miami
Coker, John Alexander, Ag 1	—Birmingham, Ala.	Curtis, Fred, A 3	Tampa
Cole, Manly Alvin, BS 3	Tampa	Curtis, Russell Emmett, ME 2	Lake Worth
Cole, Robert Bates, AB 1	Orlando	Daffin, Robert Linwood, J 1	Marianna
Coleman, Burnis Theo, L 3	Lacoochee	Dahl, John Edgar, A 2	Jacksonville
Coleman, John Melton, G	Eupora, Miss.	Dale, Glenn Robert, AB 2	Franklin, Penn.
Collier, Erwin Tilden, CE 4	Wauchula	Dale, Thomas Bertram, CE 2	St. Augustine
Collin, Fredric James, CE 4	Miami	D'Alemberte, Daniel Willoughby, L 3	—Pensacola
Collins, Cecil Farnes, BA 3	Lake City	Dalton, Herschell Wallace, BS 3	Arcadia
Collins, James Harry, T 1	Miami	Dalton, Jack P., T 1	Arcadia
Collins, Thomas Edward, E 1; T 1	Bartow	Dameron, Albert Martin, E 5	Wabasso
Colson, King David, AB 2	Jacksonville	Daniel, William Russell, AB 1	Plant City
Combs, John Bert, BS 1; E 1	Deerfield	Danielson, George, AB 2	St. Petersburg
Comer, Charles McCalla, BA 3	Ft. Meade	Dansby, Edwin Herman, E 1	Pensacola
Cone, Fred M., T 1	Gainesville	Dansby, George William, G	Reddick
Cone, Roy Davis, E 5	Jacksonville	Darby, Charles Arthur, PM 1	Gainesville
Conkling, Donald Herbert, J 1	—W. Palm Beach	Darby, Dean, T 3	Urbana, Mo.
Conlan, Frank Lowell, BA 1	Miami	Darlington, Benjamin Nicholens, BS 1	—Tarpon Springs
Connable, Horace Peck, Ag 5	—Kalamazoo, Mich.	Darlington, Wayne, Ag 1	Tarpon Springs
Connolly, William Clifton, T 1	Gainesville	Dauer, Manning Julian, T 2	Tampa
Connor, Henry, L 1	Inverness	Daugherty, Ralph Edgar, AB 3	Lakeland
Connor, Jerome Alton, AB 4	Pensacola	Davenport, Ben, CE 2	Long Island, N. Y.
Connor, Warren William, L 3	Pensacola	David, James B., EE 2	Jacksonville
Conway, Claude L., BS 3	Palatka	Davidson, Earl, BA 4	Greensborough, Md.
Coogler, Monroe Alvin, L 3	Brooksville	Davidson, Watson Perry, T 3	Baker
Cook, David C., AB 2	La Belle	Davies, John Marshall, T 4	Gainesville
Cook, Frederick Edward, AB 3	Ocala	Davis, Albert Gibson, T 2	Jacksonville
Coomes, Charles Spalding, E 1	—St. Augustine	Davis, Bobbie Charles, E 5	Tampa
Cooper, John Francis, G	Echola, Ala.	Davis, David Miles, Ag 1	Frostproof
Cooperman, Leonard William, L 1	—St. Petersburg	Davis, Darry Adkins, BA 1	Miami
Copeland, Anderson Webb, E 1	Tampa	Davis, Griffin D., T 1	Tampa
Copeland, James Dewberry, BA 4	Gainesville	Davis, Harold Gilbert, L 3	St. Petersburg
COPENING, Howard C., T 1	Gainesville	Davis, Joseph Israel, BA 3	Miami
Corbett, Deloren Dempsey, L 1	St. Augustine	Davis, Lawrence Oliver, BS 2	St. Augustine
Cordell, James Edward, E 1	Jacksonville	Davis, Lynn Roy Munn, T 3	Key West
Cordell, John Robert, A 1	Arlington	Davis, Malcolm Mitchell, BS 1	Ocala
Corr, Alys May, T 4	Gainesville	Davis, Norman West, BS 3	DeLand
Corrigan, Francis Hughes, Ag 5	Sarasota	Davis, Norton, Dewitt, AB 2	Jacksonville
Corwin, Sam Joel, Ag 2	Palmetto	Davis, Oliver Preston, J 1	Winter Haven
Couch, Lester Grey, T 1	Plant City	Davis, Ralph Clarence, AB 2; J 2	Lakeland
		Davis, Robert Stewart, CE 2	Lakeland
		Davis, William Arthur, BA 1	Frostproof

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Davis, William Lane, BA 1	Rome, Ga.	Driggers, Charles Ellis, AB 1	Leesburg
Davis, William Mahlon, L 4	St. Petersburg	Driggers, Clyde Littleton, CE 4	Gainesville
Davis, William Tillie, AB 1	Orlando	Driggers, Vaughan Wendell, G	Wauchula
Davitt, John Edmond, T 3	Miami Beach	Dubler, Sheldon, L 1	Miami
Dawkins, William Francis, Ag 1	Bradenton	DuBose, William W., AB 1	Sanford
Dawson, Taylor, J 3	Tallahassee	Duckwall, William D., L 1	Bradenton
Day, Richard Bennett, AB 2	Tampa	Dugan, Auldon Berge, L 1	Gainesville
Day, William Chilton, BA 5	Tampa	Duncan, Thomas Eldred, T 2	Lake Butler
Dean, Arnold Walker, BS 4	Whitney	Dunkle, William Frederick, T 1	Ocala
Dean, William Ennels, CE 2	Monticello	Dunn, Philip Edgar, PM 1	Daytona
DeArmas, Charles Robert, BS 2	Tampa	Dunn, Robert Joseph, T 1	Jacksonville
Deck, Don Wayne, T 2	Daytona Beach	Dunn, William Tillman, Ag 1	Gainesville
Deckman, Dan W., BS 2	Jacksonville	Dunscombe, Aubrey Elsworth, Ag 4	—Lynn Haven
Dedge, Alwin Elliot, T 1	Miami	Dunwoody, Henry Atwood, AB 1	Arcadia
Deen, Albert Colcord, P 4	Watertown	Dunwoody, William Elliot, AB 1	Arcadia
Dees, Cecil Thomas, J 2	Mayo	Durrance, Carl Theodore, AB 2	Okeechobee
DeFord, Deane Corwin, T 1	Miami	Durrance, Oscar Leon, G	Gainesville
DeGaetani, Francis Marion, T 4	Tampa	Dyer, Harry Frazier, BA 1	Stewart
Degrove, Russell H., E 5	Palm Valley	Dykes, George Middleton, BA 1	Miami
Degtoff, Walter Alexander, A 3	Miami	Dyson, Rowland Edward, T 1	Jacksonville
De Hoff, William Joseph, GL	Jacksonville		
De Hoff, Philip Donald, L 4	Jacksonville		
Delany, Daniel, BA 2	Ormond Beach	Easterling, Dilworth Quillian, P 1	—Jacksonville
Dell, Lartigue, BA 1	Gainesville	Eastland, Mark Wilson, BA 1	Tampa
DeLoach, J. Bennett, J 1	Lakeland	Eberhart, Joseph Jackson, PM 1	Orlando
De Masters, Clarence Ulysses, Ag 3	—Biggs, Cal.	Edelstein, Marcus, L 4	Gainesville
		Edenfield, Calder M., AB 1	Elfers
Denham, George Leitner, L 3	Bartow	Edenfield, Lawrence Eugene, T 2	—Grand Ridge
Denison, Edward O'Grady, L 2	Chicago, Ill.	Edmundson, Benjamin Rufus, T 2	—Pensacola
Denmark, Ewell Thomas, T 2	Gainesville	Edris, Edwin Nichol, T 2	Winter Park
Denmark, Thomas Irving, BA 1	—Bainbridge, Ga.	Edsall, Robert Spencer, Ag 3	Bradenton
Dent, Hugh Townsend, T 1	Umatilla	Edwards, Carlos Leroy, L 3	Miami
Denton, Frank P., J 2	Tampa	Edwards, Charles Leroy, EE 2	Tampa
Deonier, Marshall Tracy, G	Hariah, Okla.	Edwards, Franklin Dozier, BS 1	Kissimmee
De Ring, John S., P 2	Tampa	Edwards, Henry Higdon, ChE 3	Cleveland
Derr, Norman Henry, PM 2	Jacksonville	Edwards, Howard Keay, PM 1	Coral Gables
De Vore, William Elbert, Ag 2	Citra	Edwards, Marion Joseph, BA 1	Titusville
DeWitt, Lyman Basil, BA 2	Jacksonville	Edwards, Mounger Duke, BS 2	Chattahoochee
Dial, William Henry, L 1	Gainesville	Edwards, Ordie Morton, G	Gainesville
Dickinson, Clarence Leroy, T 1	Alachua	Edwards, Robert, T 1	Camden, Ala.
Diddell, Frank William, E 1	Jacksonville	Edwards, William, BS 1	Ocala
Dinning, William Layton, L 1	Tampa	Eff, Samuel, T 4	St. Augustine
Dishong, William W., L 1	Arcadia	Efird, Lester Julian, PM 1	Tampa
Dixon, Glen Allen, BA 1; T 1	Hollywood	Eigle, Donald John, A 1	Arcadia
Dixon, Norman Kemp, PM 2	Petersburg, Va.	Ellinor, Merrill Floyd, BA 2	Havana
Dobbins, Elmer Wiley, BA 1	Gainesville	Elliot, James Nicholson, AB 3	—De Funiak Springs
Dobbins, Francis Igon, BS 1	Miami	Elms, George Edward, BA 3	Jacksonville
Dodd, Allen Caussey, Ag 5	Largo	Elsberry, Harvey Henry, BA 1	Wimauma
Doggett, Frank Aristides, AB 2	Jacksonville	Ely, Leon Lowell, P 2	Louisville, Ill.
Dolive, Clark, AB 2	Tampa	Emanuel, Lawrence Martin, E 1	Ocala
D'Olive, Reginald Rex, BS 1	Pensacola	Emerson, Francis Horton, A 3	Gainesville
Donahoo, John William, L 1	Jacksonville	Emmelhainz, Edgar Allen, BS 1	Bradenton
Donahue, Cecil W., T 4	Valdosta, Ga.	En Earl, Keith Whitman, BA 4	—Daytona Beach
Donaldson, Dean Le Roy, A 3	Troy, Idaho	English, Brenard Henry, L 4	Gainesville
Dongo, Joseph Harry, L 1	Key West	English, Clyde Phillips, Ag 1	Winter Park
Donnelly, Wallace Oliver, AB 2	Gainesville	English, William Kamar, Ag 1	Plant City
Dopler, Richard Furnival, BA 3; Ag 5	—Lake Wales	Ennis, William D., BA 1	Tampa
		Enwall, Hayford Octavius, L 4	Gainesville
Dopson, Clark William, Ag 3	Gainesville	Enz, Walter Fred, G	Ft. Wayne, Ind.
Dorsett, Luke Monk, T 1	Jacksonville	Erickson, Floyd Arthur, E 1; T 1	—Canal Point
Doub, Thurman, EE 4	Dade City	Eshleman, Silas Kendrick, L 1	Gainesville
Dougherty, Harry Lawrence, BA 2	Sebring	Estes, Edgar Stuart, BS 3	St. Augustine
Douglas, Barton Thrasher, BS 2	Gainesville	Estridge, Luther Lucius, BS 2	Mulberry
Douglas, Lawrence Young, T 1	Dunedin	Evans, Adolphus Ross, BS 1	Lake City
Douglass, Clark Palmer, Ag 4	Jacksonville	Evans, Glynn Carlyle, T 2	DeLand
Dowdell, Samuel Hasmer, ME 3	Wimauma	Evans, Lewis A., L 3	Gainesville
Downing, David William, BS 1	Tampa	Evans, Robert C., BA 2	Perry
Downs, William Harvey, BS 1	Jacksonville	Everett, Edward Franklin, AB 2	Orlando
Dozier, Harry Cuttino, BA 1	Ocala	Evers, Joel, L 1	Mulberry
Drake, Louis Melton, BS 1	Ocala	Everts, Richard Frederick, BS 1	Lake Worth
Drake, William Hocker, AB 2	Ocala	Eyster, William Westley, T 5	Jacksonville
Dreblow, Charles Julius, BS 1	Monticello		
Dresbach, Richard Emmanuel, AB 1	—Ft. Lauderdale		
Drew, Leland Fitzgerald, BS 1	Clearwater		
Driggers, Albert Gilchrist, G	Wauchula		

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Fagan, Earle Donald, T 2	Gainesville	Frecker, William Hubert, L 1	Tampa
Falsone, Nick Joseph, BA 1	Tampa	Frederickson, Sophis N., BA 2	Jensen
Fanus, Herbert Wesley, EE 2	Daytona Beach	Frederick, Albert Roland, BS 4	Jacksonville
Farabee, Thomas N., T 2	Wauchula	Freehling, Arthur, PM 1	Jacksonville
Farnsworth, Harold Charles, L 3	Tampa	Freeman, George Chandler, T 2	Wauchula
Farris, Sam, BA 2	Jacksonville	Freeman, George Doane, E 1	St. Augustine
Farrior, Joseph Brown, BS 1	Tampa	Freeman, Hiram Dwight, Ag 2	Tampa
Featherstone, Leland Brown, BS 3	Miami	French, John Compton, L 3	Tampa
Felson, Edgar Martin, L 3	Jacksonville	Friech, Robert Weckler, Ag 1	Tampa
Fenn, Thomas Jos., T 2	Monticello	Frierson, Paul Edward, Ag 1	Ft. Lauderdale
Fenn, William Browning, T 1	Miami	Fripp, Ethel Ione, Ag 5	Bluffton, S. C.
Fenton, Harry Porter, T 2	Arcadia	Frison, Carroll Gerard, T 2	Titusville
Ferguson, Chester H., L 3	Wauchula	Fritz, Raymond P., BA 1	McKeesport, Pa.
Ferguson, James Alfred, AB 3	Gainesville	Frye, David Bartlett, BA 1	Tampa
Ferguson, Olin S., T 2	Gainesville	Frye, Hall Hathway, BA 3	Tampa
Ferguson, W. J., T 1	Lake City	Frye, James Lawrence, BS 1	Mulberry
Ferguson, William McCague, BA 1	Orlando	Fuchs, Richard William, L 1	Homestead
Ferlita, John F., BS 3	Tampa	Fueyo, Elio, EE 3	Tampa
Fernald, Leon Fitzpatrick, G	Tarpon Springs	Fuller, Herbert Francis, L 3	New Smyrna
Fernald, William Irwin, T 3	Tarpon Springs	Furman, Abraham Gordon, L 1	Jacksonville
Fernandez, Raymond, PM 1	Ybor City	Furman, Irving Edmond, C 2	Jacksonville
Ferrante, Gaetano Cacciatore, PM 2	Tampa	Fuqua, Ben Henslee, PM 1	Palmetto
Ferris, Bernie Lee, EE 4	Tampa		
Ferreira, Charles William, E 5	Miami	Gabel, Percival Ernest, BS 2	Tampa
Fessenden, John Henry, EE 3	Tampa	Gaines, Frank Brown T 1	Sarasota
Feuer, Gus, L 1	Miami	Gardner, J. Harry, BA 2	Jacksonville
Fielding, Samuel Wista, T 2	Pine Mount	Garner, James Franklin, L 4	Fort Myers
Fifield, Willard Merwin, Ag 3	Bradenton	Garren, Edward Voltaire, BA 1	Tampa
Filson, George Robert, J 5	Sarasota	Garrison, Archie William, BA 2	Miami
Fineren, William Warrick, ME 3	Jacksonville	Garrison, Hubert Fryer, E 2	Moultrie
Finklestein, Harold X., PM 1	Jacksonville	Gary, Thomas Porter, AB 3	Brooksville
Fiore, Danta Massa, T 4	Gainesville	Gary, Witherspoon Martin, BS 2	Brooksville
Fish, Wilmont Sidell, P 1	Tarpon Springs	Gasque, William Byron, T 2	Jacksonville
Fisher, Augustus Alston, L 4	Pensacola	Gatchell, Robert Edward, T 1	St. Augustine
Fisher, Eugene Varnadoe, BA 3	Cross City	Gates, James Hurley, ChE 2	DeLand
Fisher John Logan, BA 1	Tampa	Gay, James Edwin, BA 2	Jacksonville
Fisher, Justine Robert, BS 2	Jacksonville	Gaylord, Frank Ward, E 5	Tampa
Fisher, Leroy Tilson, P 3	Tampa	Gaylord, Herbert Russell, E 1	Tampa
Fisher, Olger Otis, PM 1	Tampa	Geeslin, Louis Emerson, BS 3	Orlando
Fisher, Robert L., BS 3	Tampa	Gehan, Frederick Edward, T 2	Tallahassee
Fisher, William, L 1	Pensacola	Getzen, James Calbert, L 3	Webster
Fisher, H. W., L 3	Fernandina	Gibbons, Arthur, T 3	Tampa
Fiske, John Arnold, T 1	Cocoa	Gibbs, Robert Lewis, T 1	Live Oak
Fitts, Emory Hinely, E 1	Mulberry	Gideons, Stanton Marcus, T 1	Bushnell
Flaherty, James Aloysius, AB 4	Ocala	Gilbert, Edwin Algernon, A 5	Gainesville
Flanagan, John B., BS 1	Lakeland	Gildersleeve, Thomas Duane, CE 2	Live Oak
Fleischer, Manuel Harold, BS 1	Orlando	Gill, Robert Daniel, Ag 1	Zephyrhills
Fleischer, Sam, AB 2	Rye Beach, N. Y.	Gill, Jo Dozier, L 1	Sarasota
Fleming, Samuel Todd, G	Gainesville	Gillis, Alva Knox, T 4	Ponce de Leon
Fletcher, Eliot Chapin, A 3	Tampa	Gingrass, Hugh Emile, E 1	Rockledge
Fletcher, Markwell Ashby, P 1	Ft. Myers	Glass, Nelson Sanford, BA 4	Winter Park
Fletcher, Thomas Council, P 1	Williston	Glass, Robert Heman, CE 4	Winter Park
Fletcher, Ward Thomas, T 4	Greensboro	Goble, Arthur John, BS 1	Tampa
Flournoy, John Thomas, T 3	—De Funiak Springs	Godfrey, James Ervin, BA 5	Orlando
Flowers, Marshall Karmegy, T 2	Gainesville	Godwin, Owen Luther, BA 1	Sebring
Fokes, Richard Ealy, BA 2	Lake City	Godwyn, Sidney Weltmer, AB 1	Orlando
Fokes, William Robert, T 1	Lake City	Goggins, Steve Clay, P 1	Jacksonville
Ford, Henry Milton, Ag 2	Gainesville	Golden, Lafayette, G.	Gainesville
Ford, Joseph Scott, EE 3	Dania	Goldman, Leon Herman, AB 1	Ocala
Ford, Raymond Edmund, L 1	Ft. Pierce	Goldsby, Joe Cecil, CE 4	Dade City
Forster, Davis Miller, E 1	New Smyrna	Goldstein, Kessler M., L 1	La Grange, Ga.
Forsyth, Donald Walter, J 1	Coral Gables	Goldstein, Mark Jean, BA 4	Jacksonville
Forum, Charles Walter, PM 1	Pensacola	Gonzalez, George, E 1; T 1	Tampa
Foster, Charles M., PM 1	De Funiak Springs	Gonzalez, Leo Cao, PM 2	Tampa
Foster, George Adair, AB 3	—De Funiak Springs	Goodbread, Royce Ethelbert, T 3	—St. Petersburg
Foster, Ira Jackson, T 3	Gainesville	Goode, William Guerry, T 1	St. Augustine
Fowler, Arthur Leonard, BA 1	Atlanta, Ga.	Gordon, Irving, BS 2	Tampa
Fowler, Benjamin Bourland, G	Waverly, Ky.	Graham, Austin Estell, Ag 5	Mulberry
Foy, William Edward, PM 2	St. Augustine	Graham, Dillon Lorentus, J 5	Lakeland
Foxworth, Merritt Milton, AB 2	Live Oak	Graham, George Boyington, L 4	Tampa
Frank, David, L 4	Miami	Graham, George Ransom, G	Ft. White
Fraze, Richard Hetsler, J 4	St. Petersburg	Graham, John Louis, L 4	DeLand
Frazier, Edward Hendry, BS 2	Tampa	Graham, Marion Webster, T 1	Daytona Beach
Frazier, Frank James, BS 1	W. Palm Beach	Graham, Rudolph Newton, BS 1	—Daytona Beach
Frazier, Herbert, BA 4	Mulberry	Gramigna, Victor Raphael, CE 2	Tampa
Frazier, Joseph Wheeler, L 4	Tampa	Gramling, Lea Gene, P 1	Plant City

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Gramling, William Sanders, L 4	Miami	Harrison, Arthur Clarence, G	Gainesville
Grandoff, John Bertrum, BA 3	Tampa	Harrison, Clyde, BA 2	Bushnell
Granger, Stanley, L 4	Gainesville	Harrison, Grady, T 3	Anthony
Grant, Ben Joseph, BA 2	Jacksonville	Harrison, Howard Watt, BS 1	Pensacola
Grant, William Dobbins, PM 1	Jacksonville	Harrison, Louis Stanley, L 1	Tampa
Gravely, Louis Overton, L 3	Labelle	Harrison, William Franklin, T 1	—Panama City
Graves, John Calvin, Ag 3	Tampa	Hart, Robert Winston, CE 3	Key West
Graves, J. R., BA 4	Quincy	Hart, Sereven Thomas, AB 1	Jacksonville
Gray, Henry, AB 1	Millville	Hartley, Charles Edward, T 3	St. Cloud
Green, Carl Roger, L 3	St. Petersburg	Harvard, Virgil Winfield, BA 1	Tampa
Green, George Marvin, L 3	Tampa	Harvey, Norman Comstock, CE 3	Miami
Green, Harry, L 1	St. Petersburg	Harvey, William Walter, AB 2; T 2	Chipley
Green, Sam, C 2	St. Petersburg	Haseltine, Hubert Arthur, G	Gainesville
Green, Wilson Payne, ME 2	Reddick	Haskell, Harold Notman, G	Gainesville
Greenberg, Max Ervin, AB 2	Gainesville	Hatfield, Cortland Mueller, E 5	Ft. Pierce
Greene, Edgar Wilson, T 2	Stuart	Hawkins, Ben Sanford, BS 1	Miami
Greene, Harry Sumpter, T 3	Gainesville	Hawkins, Durward E., L 1	Tampa
Greene, Lorin Arthur, AB 4	—Indianapolis, Ind.	Hawkins, George A., T 4	Bay Harbor
Greene, Ralph Burton, T 1	Indianapolis, Ind.	Hawkins, William, A 3	Gainesville
Greene, Thomas Underwood, G	Gainesville	Hawley, Clifford, D., L 4	Lakeland
Greenman, John Roosevelt, Ag 2	Gainesville	Haworth, Chester, BS 1	High Springs
Greer, Dolph, Ag 1	Miami	Hayes, Charles Hugh, BS 2	Clearwater
Greer, Paul Ecoff, BA 1	Brooklyn, N. Y.	Haynes, Charles L., E 1	Crystal River
Grenelle, Edwin William, L 3	Palm Harbor	Haynes, Gerritt Frederick, BA 3	Clearwater
Grider, Harold Lonzo, Ag 5	Palm Harbor	Hazeldine, Kenneth Edward, A 2	—Terre Haute, Ind.
Griggs, Hubert Eugene, L 3	Rockledge	Head, Francis Best, A2	Tallahassee
Griley, George Edmund, PM 1	Miami	Hearn, Vernice Law, T 3	Miami
Grout, Edward Morse, EE 3	Jacksonville	Hedberg, Roland Leonard, Ag 2	—St. Petersburg
Guard, Carl Jackson, CE 2	Orlando	Heffner, Harry, Ag 1	Gainesville
Guessaz, Louis Alexander, T 4	Dade City	Heitman, Gilmar McCrary, BS 1	Ft. Myers
Guise, Witt Orison, T 1	Magazine, Ark.	Heller, Simeon, BS 1	Jacksonville
Gulick, H. Marion, E 1	Tampa	Helvenston, George Rudolph, L 3	—Jacksonville
Gunn, James Rutland, AB 2	Jacksonville	Hemming, Elwood Daniel, PM 2	Jacksonville
Guyton, Charles Moses, L 4	Marianna	Henderson, Edwin Lloyd, T 2	Ebb
Haas, Widmer Edward, EE 2	Tampa	Henderson, John Ward, AB 1	Tallahassee
Hackney, Gallie Thomas, BA 3	Ft. Pierce	Henderson, Joseph Russell, Ag 2	Lee
Hadfield, R. W., BS 1	Gainesville	Henderson, Leon N., T 4	Galliver
Hafner, Edward Robert, J 2	Brooksville	Hendricks, Ernest Leroy, CE 2	Island Grove
Haft, Albert Mathew, BA 5	Jacksonville	Hendrix, Hugh Milton, BS 1	Gainesville
Hagan, L. P., AB 1	Sanford	Hendry, Asbury Henry, L 3	Tampa
Haines, Lewis DeMaugh, PM 2	—Altamonte Springs	Henley, William Walton, T 1	—De Funiak Springs
Haines, Webber Bly, L 1	Altamonte Springs	Hennessee, Earl Eric, T 3	Lakeland
Hall, Charles Reade, L 1	Mobile, Ala	Henry, Clarence Raimer, BS 3	—Ft. Lauderdale
Hall, Franklin Dudley, BA 1	St. Petersburg	Henry, John Logan, PM 2	Tampa
Hall, Henry Harrington, Ag 2	Ocala	Hentz, James I., T 2	Blountstown
Hall, James Elwood, BS 2	Cantonment	Herin, William Abner, AB 3	Miami
Hall, John Kingston, BA 5	St. Petersburg	Herlong, Albert Sydney, L 3	Leesburg
Hall, Joe Tilden, E 1	Hollywood	Herlong, Charlie Wheeler, AB 2	Jacksonville
Hall, John L., BS 1	Leesburg	Herminghaus, Charles, Ag 5	Mims
Hall, Josiah Calvin, T 2	Dunedin	Hester, Jackson Baling, G	Easley, S. C.
Hall, Leland Gwynn, BA 3	Tampa	Hester, Robert Lewis, BA 1	Miami
Hall, Lyman, T 3	Miami	Hett, Charles Edward, A 1	Columbus, Ga.
Hall, Malcolm Jackson, L 4	Tampa	Hiatt, Lyle Steven, BA 5	W. Palm Beach
Hall, Thomas Gordon, BA 2	Fernandina	Hickenlooper, Irby James, EE 3	Palatka
Halsey, Earl William, BA 1	W. Palm Beach	Hickman, Jack, E 1	Orlando
Hamilton, George Bruce, BA 1	Tampa	Hicks, Dashwood, BA 2	Tampa
Hamm, Donald Loren, BA 3	Gainesville	Hicks, Henry Leon, P 2	Orlando
Hamm, Harold Albert, BA 1	Gainesville	Hicks, William Trotter, G	Pensacola
Hammack, James Albert, CE 2	Leesburg	Hiers, Bryant Dickinson, L 1	Gainesville
Hammer, Burks Latham, T 1	Tampa	Hiers, Milton, BA 1	Wauchula
Hampton, William Franklin, PM 2	—Gainesville	Hiers, William Ardis, E 1	Miami
Hancock, Kenneth Milton, BA 4	—Casco, Maine	Higgins, Edward Gardiner, BS 1	Pensacola
Haney, Stephen Foster, T 4	Clearwater	Higgins, John Edward, AB 1	Sanford
Hankins, James Garland, ChE 3	Kissimmee	Highleyman, Robert Igou, AB 1; E 1	Sanford
Hardee, Bascom Owen, BA 2	Bronson	Hildebrand, Boyd, L, BS 1	Indrio
Hardee, James Edward, L 1	Madison	Hill, Arthur Mayflower, Ag 3	Vero Beach
Harding, John, AB 1	Babson Park	Hill, Edward Joel, ME 2	Tallahassee
Harlee, John Pope, AB 3	Palmetto	Hill, Robert Stevenson, BA 3	Cocoa
Harrell, Maurice Ticer, L 1	Noblesville, Ind.	Hill, Sue, Ag 5	Gainesville
Harrell, William Keener, T 1	Marianna	Hill, William Logan, L 4	Washington, D. C.
Harris, Clyde Eugene, A 1	Jacksonville	Hills, Alfred Ernest, CE 4	Winter Haven
Harris, John Frank, T 3	Gainesville		
Harris, William Curry, L 4	Key West		



<i>Name and Classification</i>	<i>Address</i>	<i>Name and Classification</i>	<i>Address</i>
Himes, Samuel Hilburn, AB 2		Jackson, Wesley, Benjamin, BA 1	
—West	Palm Beach	—West	Palm Beach
Hinson, John Clayton, BA 2	Quincy	Jacobs, David Barney, T 2	Daytona Beach
Hinton, John, T 1	Everglades	Jacobus, Robert Carey, EE 2	BA 2
Hintz, Russell, William, BS 1	Miami	—St. Petersburg	
Hirsh, Bennett Marcus, L 1	Jacksonville	Jahn, Fred S., AB 2	New Port Richey
Hirsh, Earl, T 1	Jacksonville	James, Jack, T 1	Bartow
Hjmerstad, Lars B., BA 2		James, John Wilbur, BA 2	Orlando
—Green Cove Springs		James, Russell Hayward, BA 2	St. Petersburg
Hobbs, Forrest O'Leary, AB 2	Tampa	James, Thomas Herschel, BA 3	
Hobbs, Walter Bascome, T 1	Panama City	—St. Petersburg	
Hobgood, Thomas Shannon, PM 1	Pensacola	Jammesson, Charlton Lionel, BS 1	
Hodes, Herbert, T 1	Miami	—McKeesport, Pa.	
Hodges, Herbert Lloyd, CE 3	St. Augustine	Janison, James Robert, AB 2; Ag 2	
Hogan, Ivey William, Ag 2	Trenton	—Wabasso	
Holland, Hilliard Calliver, BS 1		Janes, C. Howell, ME 2	Wauchula
—St. Petersburg		Janes, Marion McKinney, T 2	Wauchula
Holland, Jefferson Wesley, PM 1	Bartow	Jaramilla, Louis Sierra, Ag 5	
Holland, Walter Coutts, Ag 1	Leesburg	—New York, N. Y.	
Holland, Zachary Dean, PM 1	Bunnell	Jefferson, Wayne O., EE 3	Pensacola
Holmes, Arthur Adrian, AB 1	Millville	Jennings, William Logan, PM 1	Jennings
Holmes, John Arthur, T 5	O'Brien	Jernigan, Claude Hagen, EE 3	Monticello
Holsberry, John Edwin, L 4	Pensacola	Jernigan, Harvey Jordan, BA 2	Lake Wales
Holsinger, Joe, E 5	Kansas City, Kansas	Jernigan, Jack Webster, E 1	Gainesville
Honeywell, Owen Daniel, AB 2	Vero Beach	Jernigan, William Clarence, Ag 2	Gainesville
Hood, Ralph Kenneth, BS 1	Crystal River	Johansen, Beppo Rolf, AB 3	Clearwater
Hopper, Roland Otha, Ag 2	Cleveland	Johansen, Hans Rolf, BS 1	Clearwater
Horne, Sidney Linton, AB 2	Monticello	Johns, Eli Johnofski, G	Grajewo, Poland
Horovitz, Abraham, E 1	Jacksonville	Johnson, Albert M., EE 3	Orlando
Horovitz, Jules Joseph, BS 3	Tampa	Johnson, Arrie Lee, L 3	Jay
Horrell, James Gordon, T 2	Titusville	Johnson, Carl Erik, CE 2	Sarasota
Horrell, Robert Paul, L 1	Gainesville	Johnson, Charles Johannas, CE 2	Pensacola
Houck, John Blakemore, AB 1	Bradenton	Johnson, Dewey Macon, L 3	Quincy
Houk, Dean Charles, L 3	St. Petersburg	Johnson, Frank Newton, BA 3	Hawthorne
Hourihan, Richard Patrick, A 2	Miami	Johnson, Fred Vaughn, BS 1	Miami
Houser, Mike Samuel, T 3	Jacksonville	Johnson, Howard Bradley, Ag 4	Windermere
Houston, Turner O., PM 1	Jacksonville	Johnson, Jack Frank, BA 5	Jacksonville
Howard, Grady, AB 1	Leesburg	Johnson, James Howard, E 1; T 1	Trenton
Howard, John T., T 2	Bristol	Johnson, Levi Mott, Ag 1	Miami
Howard, Julian D., BA 3	Orlando	Johnson, Nathan, BA 2	White Springs
Howard, Raymond Holt, G	Gainesville	Johnson, Oliver Preston, BS 2	St. Cloud
Howard, Walter Burt, E 1	Jacksonville	Johnson, Richard Sadler, P 1	Daytona Beach
Howe, Gaius Winchester, E 3	Burlington, Vt.	Johnson, Robert Milton, CE 4	Hardeetown
Howell, Marion Elroy, E 1	Inglis	Johnson, Rollie Edward, BA 2	Bradenton
Howell, Marshall Francis, T 1	New Smyrna	Johnson, Thomas H., AB 2	Jacksonville
Howell, William Douglas, AB 2		Johnson, Thomas Preston, BA 3	
—Lakewood, Ohio		—St. Petersburg	
Howze, James L., PM 2	Palmetto	Johnson, Thomas Theodore, BA 1	
Howze, Thomas Alston, L 1	Palmetto	—St. Petersburg	
Hubbard, Harold Elbert, BA 1	St. Augustine	Johnson, William Longley, PM 1	Key West
Hubbell, Roger Shelton, A 2	Milford, Mich.	Johnson, W. Munson, EE 3	Key West
Huddleston, George Adam, L 1	Sanford	Johnston, Excell Ronald, AB 2	Clermont
Hudson, Henry E., G	Gainesville	Johnwick, Edgar Bernard, BS 3	Gainesville
Hudson, J. H., L 1	Key West	Johnwick, Erwin Frederick, T 1	Gainesville
Huffer, John Craig, EE 2	Orlando	Jones, Arthur Heath, AB 1	Pensacola
Huffman, Robert Campbell, T 1	Miami	Jones, Edwin Ladd, BA 1	Jacksonville
Hughes, Charles Roy, AB 2	Lake Hamilton	Jones, E. Ulman, AB 2	High Springs
Hughes, Edward Hanley, BS 1	Palatka	Jones, Henry Grady, T 5	Gainesville
Hughes, Jackson, J 1	St. Petersburg	Jones, Herbert Charles, BS 1	Ocala
Hughes, Robert Lawrence, L 4	Bartow	Jones, Hugh Ballinger, PM 2	Gainesville
Hughy, Francis Drew, BS 1	Clearwater	Jones, John Batts, P 2	Oviedo
Humphrey, Duncan McNair, BS 1	Gretna	Jones, Leon Broward, BS 2	Century
Hunter, Walton Broward, AB 2	Tavares	Jones, Paul, BS 1	West Palm Beach
Hurlebaus, Kenneth Davis, Ag 2	Clearwater	Jones, Thomas Capers, BS 2	Old Town
Hussey, Thomas Goldsmith, BS 2		Jones, Thomas John, Ag 2	Sarasota
—West Palm Beach		Jones, William Ellis, BA 2	DeFuniak Springs
Hutchings, Richard Moir, G	Riverview	Jordan, Burwell Luvius, T 2	Tampa
Izou, Hugh McEwen, T 2	Eustis	Jordan, Mark Bartley, Ag 3	Gainesville
Ihrig, Elmer W., T 3	Ft. Myers	Jordan, William Douglas, L 4	Gainesville
Imeson, John G., BA 2	Jacksonville	Josey, Metzger Elroy, L 3	Gainesville
Inman, Rudolph Joe, L 4	Lake City	Judge, William William, L 4	Daytona Beach
Irwin, Thomas Melbourne, PM 1	Jacksonville	Judy, Dick Woodson, AB 1	W. Palm Beach
Ives, Selwyn Callaway, T 3	Lake City	Judy, Jackson Knight, BA 3	W. Palm Beach
Jack, Bernard William, BA 1	Tampa	Kaminis, Peter Clifton, BS 1	Tarpon Springs
Jackson, Charles Edward, Ag 3	Clearwater	Kaplan, Harvey Maurice, L 3	Miami
		Kazarian, Carl, P 2	Orlando
		Kazarian, Harry, P 2	Orlando

<i>Name and Classification</i>	<i>Address</i>	<i>Name and Classification</i>	<i>Address</i>
Kea, John Wesley, Ag 1	Hawthorne	Landsell, Fred Dudley, A 3	Miami
Keck, Harold Irving, BA 1	Orlando	Largue, James, BA 1	Pensacola
Keel, Wilfred Leonard, A 5	Ortega	Larimore, Granville W., PM 2	Tampa
Keeler, Emerson Martin, E 1	Miami	Larson, John Edwin, L 4	Brookston, Pa.
Keen, John Burger, BS 2	Graceville	Lastinger, Samuel Thomas, T 2	Gainesville
Keep, Oscar Joseph, AB 1; T 1	Jacksonville	Latham, Herbert Saunders, AB 1	Pensacola
Kezel, James Edward, L 1	Winter Park	Lawless, William Walter, Ag 1	Lake Alfred
Kehoe, Emmett Wilson, AB 2	Coral Gables	Lawrence, Richard Abbott, L 1	Melbourne
Keith, James Anthony, T 1; E 1	Tampa	Lawrie, David Edward, EE 3	Holly Hill
Kelley, Welcom Tol, PM 1	Lake Mary	Lawshe, Philip R., BA 1	Jacksonville
Kelly, Daniel Anthony, L 1	Fernandina	Lawton, Alfred James, BA 2	St. Augustine
Kelly, James Eddie, T 1	Glen St. Mary	Laycock, Ernest Harold, E 1	Tampa
Kelly, John R., EE 3	Live Oak	Layne, Raymond Lee, AB 1	Alachua
Kelly, William J., J 2	Miami	Lazonby, Joseph Lancelot, T 2	Ft. Lauderdale
Kemp, Paul Sadler, PM 2	Miami	Leahy, Edward Francis, BA 1	Gainesville
Kempton, James Harvey, BA 1	Rockledge	Lee, Clarence Joseph, P 3	Miami
Kendall, Michael M., L 4	Winter Haven	Lee, Charles Raymond, BS 1	Clearwater
Kennedy, Gurney William, T 1	Tallahassee	Lee, David, EE 2	Gainesville
Kennedy, Kenneth Keith, BA 1	Ocala	Lee, John Levi, BS 1	Live Oak
Kennedy, Robert Chaplin, Ch E 2	—Winter Park	Leddy, William Braxton, BA 1	Miami Beach
Kennon, Gordon Elwell, AB 2	Daytona Beach	Leggett, Frederick Earl, EE 3	St. Petersburg
Kent, Artis Lane, BA 2	Lee	Leland, Aaron Whitney, Ag 5	Gainesville
Kenton, William G., T 1	St. Cloud	Lemen, Larry Light, E 1	Jacksonville
Kepler, Charles Jasper, BS 1	Palatka	Leonard, Sam A., T 4	Blountstown
Kester, Edson Eugene, E 1	Jacksonville	Lerner, Jules, BA 1	W. Palm Beach
Ketler, Ralph Henry, T 1	W. Palm Beach	Lesley, John T., AB 2	Haines City
Kibler, John Marlen, BS 2	Lakeland	Levey, Bernard Frank, ChE 2	Pensacola
Kicklitter, Grady H., T 5	Ft. Green	Lewis, Edward Clay, L 4	Marianna
Kierce, Steiner Clive, Ag 4	Baker	Lewis, Francis Scott Key, EE 2	Miami Beach
Killam, John Grant, AB 2	St. Augustine	Lewis, Gardner La Motte, T 2	St. Petersburg
Killinger, Clarence Eugene, ME 2	Gainesville	Lewis, Henry Hays, L 4	Marianna
Kimball, Millard Fillmore, AB 2	Umatilla	Lewis, Orlen B., P 3	Gainesville
Kimble, Charles Francis, BS 2	Bronson	Licata, Anthony Joseph, BS 2	Tampa
King, Bertram Carlyle, EE 2	Ft. Myers	Liddon, Ben Sullivan, BA 1	Marianna
King, Carl Daniell, BA 2	Bradenton	Lindsey, Kirby Stewart, BS 1	Archer
King, Charles Bryan, CE 3	Sneads	Lindsey, X. L., T 2	Archer
King, Davis Douet, PM 2	Tavares	Lindsley, Augustus R., A 2	Dania
King, Fletcher Gordon, PM 1	St. Augustine	Linebaugh, Charles David, L 4	Tampa
King, Isaac Godfrey, T 1	Sneads	Linebaugh, F. Marion, PM 2	Tampa
Kinzie, George Reinbolt, BA 2	Ft. Myers	Lipsitz, William, BA 1	Leesburg
Kirby, William Gilchrist, BA 4	Orlando	Littell, Bartow Stubbs, CE 2	Hudson
Kirker, Eugene Albert, BS 2	Jacksonville	Littig, Sherman Kent, T 1	Tallahassee
Kirkland, Charles Orian, T 1	Laurel Hill	Little, Jesse Latimer, BA 3	Columbus, Ga.
Kirkpatrick, John Watt, BS 1	Gainesville	Livingston, Howard Gordon, L 1	Orlando
Kirkpatrick, Lee Wesley, BA 2	—Ft. Lauderdale	Livesay, Joseph Stuart, AB 3	Jacksonville
Kirton, Joe Scott, AB 2	Winter Garden	Lloyd, William Polwell, T 3	Tampa
Kiser, Randolph Lee, P 2	Key West	Lockett, Norwood Alexander, Ag 2	Cocoa
Knight, Claude Mitchell, BS 1	Bunnell	Lockhart, Stuart, Ag 2	Yukon
Knight, Frank Tyler, PM 1	Jacksonville	Loewenkopf, Jack, L 1	Jacksonville
Knight, Fred Key, G	Crescent City	Loften, William T., Ag. 2	Summerfield
Knight, Harold Anthony, J 1	Ocala	Lokey, Hulsey, BA 1	Tampa
Knight, Louis LaFontisee, A 3	Ocala	Long, Latimer Ashlay, L 4	Polk City
Knight, Robert Luther, T 1	Miami	Lopez, Aquilino, AB 1	Key West
Knight, Ross James, T 1	Vero Beach	Lord, Earl L., G	Gainesville
Knowles, Norman Whitfield, BA 2	—Winter Park	Lord, Mills Minton, T 1	Sanford
Kolbe, H. Harold, L 4	Waukegan, Ill.	Lord, Richard Purdie, Ag 2	Gainesville
Korst, Ernest Bladon, BA 1	St. Augustine	Lorraine, Charles Cabell, L 1	Jacksonville
Kovach, Peter Milton, Ag 1	Zolfo Springs	Lotspeich, Lowell Wilson, BA 1	Miami
Kruger, Dan, BA 1	Jacksonville	Lotspeich, Walter Wiley, BA 1	Miami
Kubesserian, Garabed Gughmess, A 2	—Gainesville	Loucks, Ivan H., EE 3	Gainesville
Kulujan, Bedras H., Ag 1	Gainesville	Loucks, Kenneth Wilfred, G	Gainesville
Kupper, Leo Rome, AB 1	Miami	Loucks, Merle Kenneth, BS 1	Tampa
Laffitte, Roundean Garvin, P 2	Lloyd	Love, Francis Edmond, L 3	Lake Worth
LaFuze, George Leighton, G	Clermont	Love, H. A., L 3	DeFuniak Springs
Lagano, Albert Aloysius, BS 2	Gainesville	Love, William Lawson, ChE 3	Mulberry
Lamborn, Albert Gallatin, BA 2	Tampa	Lowe, Frank Ewing, BA 1	Tampa
Lamborn, Bert L., BA 2	Tampa	Lowenherz, Louis Lawrence, T 2	Arcadia
Landrum, T. Frank, T 2	Inverness	Lowery, Francis Richard, BS 1	Holopaw
Laney, Edward Earl, T 1	Tampa	Ludwig, Andrew George, T 1	Gainesville
Langbehn, Franklin Peter, A 2	Miami	Ludwig, Gerald Edward, BA 4	Sarasota
Langford, Richard Hickson, E 1	Ft. Meade	Lupfer, Alexander McClure, Ag 1	Kissimmee
Langston, Herbert Anthony, T 2	Cross City	Luther, Charles William, L 3	Daytona
Lanier, David, L 4	Madison	Lybass, James H., Ag 2	Tampa
		Lyell, John Middleton, A 1	Miami
		Lyle, William Raymond, Ag 3	Bartow
		Lynch, S. John, Ag 1	Lake Jovita
		Lyon, James, PM 1	Caribou, Maine

<i>Name and Classification</i>	<i>Address</i>	<i>Name and Classification</i>	<i>Address</i>
Lyon, S. C., T 1	Gainesville	McMullen, Daniel Guy, BS 1	Safety Harbor
Lytal, Lake Hensy, BA 3	Gainesville	McMullen, Kenneth Smith, Ag 2	Lee
McArthur, Hugh Lynn, T 4	Tampa	McNatt, John Mathews, L 3	Uvalda, Ga.
McArthur, James Alta, T 1	Crestview	McPherson, Guy Alexander, Ag 2	Havana
McCall, Eugene Franklin, PM 1	Monticello	McQuitty, John Vrendenburgh, AB 4	-Ft. Myers
McCall, Fred Wallace, AB 4	Miami	McRae, William Allan, AB 2	-West Palm Beach
McCall, Oliver Winston, T 2	Madison	McWhorter, Robert Olin, BA 1	Sarasota
McCall, Ralph Duncan, AB 1; T 1	Jasper	McWilliams, Hugh Coleman, T 3	Tampa
McCallister, George Lee, BS 1	Tampa	McWilliams, Lauren Elton, P 2; T 2	-Frostproof
McCarthy, Parker Wardrope, ME 3	-Isle of Pines, Cuba	Machen, James Thomas, BA 4	Laurens, S. C.
McCarty, William A., E 1	Gainesville	Mack, Richard Alfred, BA 1	Miami Beach
McCaskill, Herbert L., A 2	Lakeland	Mackey, John Goldsberry, BA 3	Tampa
McCaskill, John Edward, AB 3	-DeFuniak Springs	Maddox, John Clyde, L 1	Wauchula
McCaughan, James Russell, AB 2	Pensacola	Magee, William H., BA 2	Tampa
McCaul, Thomas Vaden, AB 1	Gainesville	Magid, Louis, P 2	Tampa
McClain, Will Kelly, L 4	Lebanon, Tenn.	Magruder, Charles Lawson, A 5	Tampa
McClane, Thomas Kindred, AB 1	Wauchula	Mahaffy, Conrad Brickwedel, BA 1	-Jacksonville
McClellan, Broward, T 2	Frink	Mahone, John Thomas, BS 1	Jacksonville
McClellan, Roby B., AB 2	Jacksonville	Mahorner, Bernard Teague, L 1	Inverness
McClung, Marshall Linwood, CE 2; PM 2	-Miami	Maines, Orlando Melvin, Ag 1	Gainesville
McClure, Jack Wilson, BA 1	Palmetto	Makinson, William Burroughs, T 1	-Kissimmee
McColskey, John Stuart, CE 2	Lake City	Malmborg, Harold Eric, E 1	DeLand
McCormick, Charles Evieth, Ag 2	Bartow	Mann, Albert Catherwood, BS 1	-W. La Fayette, Ind.
McCormick, Fenwick Taylor, Ag 5	-Gainesville	Mann, Earle La Vern, BA 2	Orlando
McCormick, Gordon James, AB 1	Gainesville	Mantey, Wallace Frederick, EE 2	Eustis
McCormick, Harry W., Ag 2	Gainesville	Manucy, Albert Clement, T 1	St. Augustine
McCormick, Lucius Raines, T 1	Gainesville	Marsales, John, BA 3	Cantonment
McCormick, Rayford Charles, T 1	Gainesville	Marchman, Fred, BS 2	Punta Gorda
McCranie, Alvin Franklin, BA 1	Jacksonville	Markett, Davis Lane, T 2	Arcadia
McCranie, John Joseph, AB 4	Jacksonville	Markham, Julian E., BS 3	Lake City
McCraw, John Carey, CE 2	Gainesville	Marks, Charles Alfred, T 2	Tampa
McCrea, William James, T 1	St. Petersburg	Marks, Paul Harold, L 3	Miami
McCune, Marion Clyde, C 1	St. Petersburg	Marlett, Neuman Clyde, PM 2	Gainesville
MacCubrey, Gerald Malcolm, PM 1	-Coconut Grove	Marsh, Horace G., T 1	Jacksonville
McDonald, Thomas J., E 5	Jamestown, N. Y.	Marsh, John Duffey, BA 1	Yonkers, N. Y.
McDonald, Alden Farrington, EE 2	Archer	Marshall, Thomas Horace, E 1	Lakeland
McDonald, Venton O., BA 2	Miami	Martin, Freeman Goode, G Ninety-Six, S. C.	
McDavid, Rudolph Shelley, AB 1	-Miami Beach	Martin, Henry A., AB 1	Jacksonville
McEldowney, Lawrence Edward, BS 3	-Tampa	Martin, James Christopher, P 1	Moss Bluff
McEldowney, Walter Hielt, AB 2	Tampa	Martin, Laurence Sherman, CE 2	Warner
McElveen, Richard Charles, PM 1; T 1	-Hastings	Martin, Roe Millege, T 2	Gainesville
McEwen, James Milton, AB 3	Wauchula	Martineau, James Anthony, L 1	-Marinette, Wis.
MacFarlan, Nolan Henry, PM 2	Inverness	Mason, Lass Albert, EE 2	Jacksonville
McFarlin, William Murray, AB 1	-West Palm Beach	Mason, Thomas Leo, BA 2	Sarasota
McGee, William Lanier, ME 3	Century	Massari, Frank, AB 1	Tampa
McGinnis, Willard Dean, A 1	Lakeland	Massey, Fred Ferguson, BA 3	Pensacola
McGovern, Donald Conrad, AB 3	Jacksonville	Massey, Hollis, L 1	Gainesville
McGrath, Joe McDonald, BA 1	-Ormond Beach	Masters, Charles Andrew, BS 1	St. Augustine
McGucken, Thomas Eugene, E 1	Tampa	Mathers, Alex Pickens, BA 2	Pensacola
McIntire, James Edgar, Ag 4	Gainesville	Mathews, Reynolds Reuben, BA 1	Leesburg
McIntosh, Clyde Anderson, P 1	Dowling Park	Mathiasen, Bennett E., AB 1	Melrose
McIntosh, Malcolm, T 1	Tallahassee	Mathis, Charles Carvel, L 3	Hastings
McKay, John Wilkes, E 3	Tampa	Mathis, Charles Robert, L 1	Panama City
McKay, Richard Struss, T 1	Tampa	Mathis, Leon Edward, J 1	Panama City
MacKenzie, Edward S., L 1	Leesburg	Matthews, Donald Ray, AB 4	Hawthorne
McKethan, Alfred Augustus, BA 3	-Brooksville	Matthews, Earle Dwight, Ag 2	Homestead
McKinnon, Daniel Angus, BS 4	Marianna	Mauck, R. Eldridge, T 1	Jacksonville
McLanahan, Clarence Rhodes, L 1	Bunnell	Maxwell, Ernest B., A 2	Jacksonville
McLanahan, Julius Pope, A 3	Bunnell	Maxwell, Frank Flagg, BA 1	Tallahassee
McLaughlin, Mike Jones, BA 2	Tampa	Maxwell, Lewis Samuel, T 1	Eustis
McLean, Andrew Parks, P 1	Pensacola	May, George Lamar, BA 2	Quincy
McLean, Donald Shelton, Ag 1	Bartow	Mayes, William Kingsbery, BA 1	Pensacola
McLean, Leon Shepard, P 2	Dunedin	Meadows, Washington Julian, Ag 5	Ft. Pierce
McLeod, Norman Wightman, BS 4	Aucilla	Means, James Duval, Ag 5	Gainesville
McLeod, Wallace LeRoy, AB 1	Aucilla	Means, Sam Barnett, BS 1; E 1	Gainesville
McLucas, Leonard Lee, T 3	Sanford	Mears, John Miriam, T 1	Cypress
		Meeker, Thomas Rusley, EE 3	Bonifay
		Meeth, Louis Henry, L 3	New Port Richey
		Mehlman, George Black, AB 1	Jacksonville
		Mehrtens, William Osborne, T 2	Jacksonville
		Meigel, Harry, E 1	Jacksonville

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Melvin, Perry David, BS 3	Milton	Mullins, Archie G., G	Tallahassee
Menendez, Earnest, EE 2	Tampa	Mulrennan, John Andrew, Ag 1	Sydney
Menendez, Ramon, EE 4	Tampa	Mulrennan, Joseph Bernard, T 1	Sydney
Merchant, Jay, AB 2	Clearwater	Mumma, Jacob Ames, AB 2	Jacksonville
Merrill, G. B., Ag 5	Gainesville	Munger, Forest Harrold, L 1	Rivera
Merrin, George Alfred, G	Plant City	Murphree, Albert A., AB 4	Gainesville
Merrin, Phil F., Ag 3	Plant City	Murphree, Claude Leon, G	Gadsden, Ala.
Merritt, Charles Coc, BS 2	Richmond, Va.	Murphree, Walter Ellis, BS 3	Gainesville
Merritt, J. Webster, BS 4	Gainesville	Murphy, Sam Garret, BA 1	Bradenton
Merryday, Lewinton A., BS 1	Palatka	Musser, Marshall Clemson, AB 2	—St. Petersburg
Messer, James, L 4	Tallahassee	Mutispaugh, Harrold Leroy, BA 3	—Plant City
Messer, William Herbert, L 1	Sanford	Myers, Robert Roy, BA 1	Des Moines, Iowa
Messler, Arthur Abbott, BS 1; E 1	Miami	Napier, Thomas Swint, Ag 1	Miami
Metts, Allan Farris, BA 1	Marston, Mo.	Nasrallah, Samuel Andrew, BA 3	—Jacksonville
Middleton, Gerald E., BS 1	Starke	Neel, John Stephens, AB 1	High Springs
Mikell, William Owen, BA 3	Olustee	Neff, Thomas O'Neil, T 2	Jacksonville
Milam, George Baxter, E 5	Miami	Nelson, Floyd James, E 5	Wiersdale
Milbrath, Harry Simmons, T 2	Fort Ogden	Nelson, John Marion, BA 1	Tampa
Milian, Rene Joseph, BA 1	Tampa	Nettles, Nadine, G	Gainesville
Milten, William David, ChE 2	Jacksonville	Nettles, William Thomas, J 1	Gainesville
Miller, Carlos, BS 1; E 1	Coral Gables	Neuwirth, Phillip Alvin, L 1	Tampa
Miller, Charles, T 2	Jacksonville	Neuwirth, Sidney, PM 2	Tampa
Miller, Edwin Lee, L 3	Orlando	Neville, Joseph Hugh, BS 3	Lakeland
Miller, Jack, AB 2	St. Petersburg	Newbold, John R., E 1	Crescent City
Miller, John Donald, CE 4	W. Palm Beach	Newcome, Ed., T 2	Ocala
Miller, Henry Broward, T 3	Bushnell	Newkirk, B. Fred, E 1	Tampa
Miller, Kenneth Wilber, A 1	Black Mt., N. C.	Newton, George Byrd, BS 1	Palatka
Miller, J. B. Hamner, L 1	Tampa	Newton, Walter Phillip, BA 2	St. Petersburg
Miller, Jefferson Brown, BA 2	Gainesville	Nichols, Arthur Wellington, A 2	Palatka
Miller, Perry Patten, BA 2	Key West	Nichols, John H., ChE 2	Palatka
Miller, Ralph William, BA 3	Orlando	Nimmons, Ralph Wilson, G	St. Petersburg
Miller, Robert Henry, BA 3	Bradenton	Nixon, Erby Millard, PM 1	Archer
Miller, Theo Worrall, T 3	Bunnell	Nobles, James Edward, BA 3	Titusville
Millican, James Henry, AB 3	Palatka	Nolan, James Henry, BA 2	Jacksonville
Mills, James Raymond, BS 1	Archer	Noreissa, Emilio C., PM 1	Key West
Mims, William Elliott, EE 2	Ft. Pierce	Norfleet, Joe H., Ag 3	Newberry
Minardi, John Battista, AB 1	Tampa	Norfleet, Paul Judson, BS 2	Newberry
Miner, Jack Harding, CE 2	Daytona Beach	Norman, Grover Cleveland, Ag 3	Starke
Mines, Chester Eugene, ME 4	Miami	Norman, Edward Robinson, AB 1	Jacksonville
Mitchell, James Edward, E 1	Ortega	North, Merle Vinton, T 2	Wauchula
Mitchell, Robert Lee, BS 3	Mulberry	Notley, Elon John, J 3	Syracuse, N. Y.
Mitchell, William Franklin, Ag 1	Lakeland	Nunez, George Tierso, BA 2	Panama City
Mize, Arthur Glenn, BA 1	W. Palm Beach	Nuzum, Russell Kraft, PM 1	St. Augustine
Mize, Hilton Roy, PM 1	Daytona Beach	O'Berry, Karlyle, L 1	Tampa
Mizell, John Keener, BA 4	Gainesville	O'Connell, Phillip Dillon, L 1	Gainesville
Mizarahi, Ralph Simon, A 1	Jacksonville	Oliver, Alfred Lester, CE 3	Gainesville
Mobley, Gordon Simpkins, CE 3	Jacksonville	Oliver, Don, BA 2; T 2	Kissimmee
Model, Jacob, L 3	Gainesville	Oliver, Wayne Carter, CE 2	Dunedin
Monteiro, George Louis, AB 2	St. Petersburg	O'Mahoney, Jeremiah Patrick, L 1	—Gainesville
Montgomery, James Douglas, T 1	Gainesville	O'Niell, John Belton, A 2	Palatka
Montgomery, Stephen Miles, L 1	Gainesville	O'Quinn, Charles Augustus, BS 2	Gainesville
Montgomery, William Earl, BA 1	—Miami Beach	O'Reair, Henry Garritson, BS 1	—Winter Haven
Moomaw, David Eugene, Ag 3	Miami	Orr, Reuben Bennett, T 3	Hartsell, Ala.
Moore, Ernest G., G	Newbern, N. C.	Otte, Burton John Henry, G	—Northfield, Minn.
Moore, Frederick A., BA 1	—McKeesport, Penn.	Overstreet, Henry Wilbur, CE 3	Jamison
Moore, John Robert, CE 4	St. Petersburg	Owen, Marcus N., BA 3	Tampa
Moore, Kingman Colquitt, A 1	Orlando	Owenby, Carl Lester, L 3	Lakeland
Moore, Leonidas C., EE 3	Jacksonville	Owens, Thomas Andrew, T 4	Port St. Joe
Moore, Maurice Lee, BS 3	Laurel Hill	Paderevski, Arthur Harold, BS 1	—Jacksonville
Morgan, Curtis Dietrich, BA 3	St. Petersburg	Padgett, Burness Vernon, P 3	St. Cloud
Morgan, Joseph, T 1	Jasper	Padgett, Hanaford Duncan, BA 2	—Ruffin, S. C.
Morgan, Kenneth Oscar, T 1	Miami	Page, Charles Van Buren, T 1	Tallahassee
Morgan, Ned Harle, E 1	Jacksonville	Palmour, Charles E., T 1	Anthony
Morris, Charles F., T 3	Baker	Pardue, Walter Wesley, EE 2	St. Petersburg
Morris, James Edward, E 1	New Smyrna	Paris, Redmon Tracy, J 1	Jacksonville
Morris, William Emory, BA 1	Homestead	Park, Robert Howard, T 2	Atlanta, Ga.
Morris, William Erskine, ChE 2	Leesburg	Parker, Boyd Rescoe, A 4	Ft. Myers
Morway, Jesse Arnold, BS 4	Jacksonville		
Mosier, Charles, AB 1	Miami		
Motts, George Newton, G	Lakewood, Ohio		
Mounts, Charles Eugene, G	Gainesville		
Moutsatsos, Vasilios Costas, BA 1	—Tarpon Springs		
Mowry, Harold, Ag 4	Gainesville		
Moyer, Martin Hartwell, L 3	Ft. White		
Moyers, Edward Badger, A 1	Orlando		

<i>Name and Classification</i>	<i>Address</i>	<i>Name and Classification</i>	<i>Address</i>
Parker, Jack Wilmer, BA 1	Sebring	Portwood, Delmar Leo, T 2	Ft. Lauderdale
Parker, James Perkins, L 1	Jacksonville	Potter, David Wilfred, A 3	St. Augustine
Parnell, Edward Nelson, T 1	Jensen	Potts, Joseph Dascomb, AB 1	Gainesville
Parrott, Ernest Milford, G	Cardova, Tenn.	Pound, Aubrey James, EE 2	St. Augustine
Parsons, Carlos Theodore, J 4	Gainesville	Powell, Charles Arthur, BA 1	Ft. Myers
Parsons, Tunice, Waldon, T 2	Gainesville	Powell, Thomas Cole, BS 2	Jacksonville
Partin, Charles Sharrol, T 1	Graceville	Powell, Zeb Vance, BS 2	Red Springs, N. C.
Pasco, Samuel, AB 2	Pensacola	Pratt, James Clifford, P 2	Tallahassee
Patrick, James Fairchild, T 1	Ft. Myers	Presley, John Thomas, T 2	Miami
Patten, George Lloyd, T 2	Bushnell	Presman, George, T 1	St. Petersburg
Patterson, Dan Enock, T 1	Auburndale	Presman, Peter Stoner, E 1	St. Petersburg
Patterson, John Gordon, BS 1	Dunnellon	Prevatt, Myron Chalker, AB 2	Jacksonville
Patterson, Russell Andrew, E 1	—New Port Richey	Price, Edward Theodore, BS 2	Tampa
Payne, Aimar Waldemar, EE 4	Quincy	Price, Hal, E 1	Gainesville
Peacock, Albert Junior, BS 1	Coconut Grove	Price, Herman Charles, BA 5	Orlando
Peacock, Alton Theodor, T 2	Tampa	Price, Joseph Edwin, T 3	St. Petersburg
Peacock, J. Troy, T 2	Marianna	Pricer, William Edgar, BS 1	Winter Haven
Peacock, Otis Lee, PM 2	Altha	Preister, Harold F., T 1	Lake Butler
Peacock, Wilburn Hiram, PM 2	Perry	Prior, Horace, BS 1	W. Palm Beach
Peacon, Oscar Lee, PM 1	Miami	Pritchard, George Edward, E 1	Plant City
Pearce, Fred Wayne, A 1	Tampa	Pritchard, Julian Morris, A 4	Jacksonville
Pearce, Leighton Huske, P. M. 1	—St. Petersburg	Proctor, Carlos Ray, T 1	Tampa
Pearson, Siebert Clinton, BS 2	Alachua	Proctor, John Hillary, Ag 5	Conway, S. C.
Pease, Theodore Kenneth, Ag 2	Okeechobee	Provost, Marshall Breese, BA 4	Cocoa
Pederson, Robert William, BA 1	Bartow	Prunty, John William, AB 2	Miami
Peel, Henry, G	Mt. Rainier, Md.	Pugh, Frank Henry, PM 2	Laurel Hill
Pegg, John William, L 1	Hernando	Pullen, Charles Thomas, BA 1	Gainesville
Pence, Leland Hadley, AB 1	Jacksonville	Pumpelly, Jack Willett, CE 3	Jacksonville
Pendergrass, Sanford Harvey, T 1; E 1	—Macon, Ga.	Purcell, Wallace J., P 1	Ball Ground, Ga.
Pendino, Joseph Achille, PM 1	Tampa	Purcell, Nicholas, P 5	—St. Petersburg
Pepper, Louis Calvert, T 2	Gainesville	Purvis, Ernest R., G	Florence, S. C.
Pepper, William Mullin, L 4	Gainesville	Putnam, Howard Line, BA 3	Miami
Perkins, Marion D., BA 4	Gainesville		
Perلمان, Soloman Jay, ChE 2	Jacksonville	Qually, Rueben Orlando, BA 2	—Daytona Beach
Perloff, Ben, AB 4	Jacksonville	Quillian, Claude Bernard, BA 1	Coral Gables
Perloff, Lewis, BS 1	Jacksonville	Quinlan, Thomas Settle, BA 2	Gainesville
Permenter, Eugene Lawrence, PM 1	—Jacksonville		
Perrine, George Alden, BA 3	Miami	Rabinowitz, Leon, AB 1	Gainesville
Perry, Gaylord D., AB 1	Haines City	Ragans, James Raleigh, BA 1	Madison
Perry, James Roe, AB 3	Live Oak	Ragans, Waldron Carlyle, BA 1	Lee
Perry, Thomas Edwin, T 2	Daytona	Rabner, Clarence Victoe, G	Akron, Ohio
Perry, Vergil M., BA 2	Jacksonville	Rainey, Morton Henry, L 1	Jacksonville
Perry, William Geddes, E 1	Miami	Rains, Baxter Smith, BA 1	Atlanta, Ga.
Pert, Raleigh Bethel, E 5	Palatka	Ramsey, Allan Collier, L 4	Tampa
Peters, Paul Edward, T 2	ChIPLEY	Ramsey, James Andrew, T 1	Bristol
Peterson, Frank Lon, AB 3	Miami	Rape, Vernon J., T 2	Gainesville
Peterson, Laurence Roland, Ag 1	—Ft. Lauderdale	Rasch, Delmar Albert, T 2	Lake Worth
Petray, Forrest Lee, AB 1	Miami Beach	Rasmussen, Gene Scott, T 1	—W. Palm Beach
Petris, Willis Edward, BS 3	Oakland	Raulerson, Leamon William, Ag 3; T 3	—Crescent City
Petroutsas, Anthony John, T 2	Jacksonville		
Pfaff, Edward Platt, PM 2	Jacksonville	Rauzin, Moses, AB 1	Miami
Pheil, Harvey William, BA 3	St. Petersburg	Rawls, Vernon Charles, L 1	Gainesville
Pheil, Clarence Elmer, T 1	St. Petersburg	Ray, William Newton, L 3	Pensacola
Phillips, Cecil Robert, L 1	Live Oak	Rayburn, James Ghostly, BA 1	St. Augustine
Phillips, Enoch Bothwell, L 1	Bartow	Raysor, Clifford Royston, AB 1	Loughman
Phillips, George Whitfield, BS 3	Lakeland	Reaves, Fred Charles, EE 2	Jacksonville
Phillips, Jack Orison, T 1	Jacksonville	Redding, Robert Lovis, AB 1	Orlando
Phillips, Mile Marion, AB 2	Jobstown, N. J.	Redell, Archibald E., AB 2	Palatka
Phillips, William S., L 3	Tampa	Reece, John William, T 1	Tallahassee
Philpott, Frank Excell, T 1	St. Cloud	Reed, Howard Vincent, BS 1	Tampa
Pierce, Harvey Fenn, E 1	W. Palm Beach	Reeder, William Richey, BS 1	Miami
Pilcher, Ray, T 1	DeFuniak Springs	Reese, John Lewis, L 4	Gainesville
Pillsbury, Hugh Augusta, A 2	Jacksonville	Reeves, Alex Donald, T 3	Gainesville
Pinney, Charles Bartlett, AB 1	Ft. Myers	Reeves, Louie Milford, BS 1	Miami
Platt, William Zachary, L 3	Arcadia	Register, Alton Augustus, CE 4	Ft. Pierce
Pogue, Cyril E., L 4	Orlando	Register, Oliver Clingmon, PM 1	—High Springs
Poleman, Theodore Edward, PM 1	Miami	Reiber, Felix Anthony, Ag 3	Jacksonville
Polites, Nicholas, PM 2	Jacksonville	Reid, John Arthur, A 5	Miami
Pond, Johnathon, Ag 1	Frost Proof	Reitz, Fred Jerome, Ag 1	Tavares
Pooser, William Elmer, AB 2	Lake Wales	Rencher, Robert Crawford, T 2	—Winter Park
Pope, Willard Marion, T 2	Ft. Lauderdale	Renfro, Ray Hornor, A 1	Tampa
Poppell, Edgar Broward, BS 1	Ft. Pierce	Renfro, James David, ME 4	Lake City
Porter, Joseph Yates, BA 3	Key West	Reynolds, Frank J., Ag 4	Marshall, Ill.

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Reynolds, Howard Clark, J 2	Vero Beach	Rowe, Walter Thompson, T 2	Jacksonville
Rhea, William Alexander, Ag 1	Umatilla	Rowell, John Theron, T 3	Perry
Rice, Carl Thomas, E 1	Umatilla	Royce, Wilbur E., T 1	Lake Worth
Rice, George Tullius, PM 1	Miami	Russ, Chester Alton, J 1	Orlando
Rice, James Gordon, BS 1	Monticello	Russell, Carlos Lee, BS 1	Miami
Rice, James Mitchell, CE 4	Welch, W. Va.	Ruth, Paul, PM 1	Gainesville
Rice, Jefferson L., BA 4	Bradenton	Ryan, Henry Ward, AB 1	Trenton, N. J.
Rice, Joseph Davies, BA 3	Gainesville	Ryboldt, Howard Roy, E 1	Orlando
Rice, Owen ChE 2	Orlando	Ryder, Ralph Bennett, E 1	Miami
Rice, William Parke, PM 2	Pensacola		
Richards, Benjamin Pierpont, L 3	—Gainesville	Safer, Moe Ben, L 1	Jacksonville
Richards, Bennett Wyman, J 2	Orlando	Saghatelian, Barkev Krikor, A 1	Gainesville
Richards, J. L., L 4	Tampa	Sage, Andrew H., AB 2; Ag 2	—Tarpon Springs
Richards, James Wilson, Ag 2	Baker	Sale, E. Hewett, P 1	Melbourne
Richards, Virgil Long, BS 3	Orlando	Salley, George Lawrence, AB 2	Tallahassee
Richardson, Horace Edward, E 1	—Miami Beach	Saloman, Morris Seymour, L 3	Orlando
Richardson, Hugh Bracey, L 1	Sarasota	Salzer, George Victor, Ag 2	Jacksonville
Richardson, Linton A., G	O'Brien	Salzer, William Wechsler, BS 2; T 2	—Jacksonville
Richbourg, Clinton Cyrus, Ag 1	Crestview	Sammons, Harold Douglas, BA 1	Tampa
Richeson, Stuart Hord, AB 2	Jacksonville	Sample, Richard Lardner, BA 3	Ft. Pierce
Ridenour, Hawley Ernest, BA 4	Gainesville	Sanchez, George Warren, BA 1	Live Oak
Rider, Manning C., T 4	Gainesville	Sanders, J. L., EE 2	Tampa
Ridge, William Monteith, Ag 5	Bartow	Sanderson, David William, T 1	—W. Palm Beach
Rifkin, Louis B., L 4	Miami	Sands, James Alexander, EE 2	Sanford
Rigby, William Orville, BS 1	Coconut Grove	Sands, Orilas Leslie, BA 3	Orlando
Ringling, Henry Ellsworth, BA 4	Gainesville	Sanford, Ralph Shelby, BS 1	Quincy
Ripley, Wayne Eugene, L 4	Jacksonville	Sanger, Johnnie Lonas, ME 3	Minneola
Rippey, Andrew Douglas, PM 1	Gainesville	Sansbury, Walter Ewing, BS 2	—W. Palm Beach
Rish, Herbert, P 1	Winahitchson	Sapp, Benjamin James, T 2	Mulberry
Rivers, Byron Tedd, A 1	Kissimmee	Sapp, Herbert Patton, E 1; T 1	Panama City
Rivers, Thomas Judson, L 3	—Green Cove Springs	Sargeant, Jos. Chester, P 1	Lakeland
Rivers, William Jones, BA 2	Lakeland	Sarra, Ernest Lamar, L 4	Pensacola
Robb, Allen Thomas, CE 4	Ft. Pierce	Sasnett, Henry Harris, AB 1	Jacksonville
Robbins, Arnold Irving, BS 2	Gainesville	Sauls, Charles Edward, T 2	Tallahassee
Robbins, John Alfred, T 3	Sydney	Savage, Francis Church, E 1	Eustis
Roberts, Clayton Tunstable, T 2	Gainesville	Sawyer, Aubrey Dane, A 3	Jacksonville
Roberts, Marvis, P 1	Trenton	Sawyer, James E., Ag 4	—Mont St. Clair, N. J.
Roberts, Nathan J., L 4	Daytona Beach	Scadron, Ivis Josef, L 1	Tampa
Roberts, William Harold, AB 4	Homestead	Scaglione, James T., P 2	Tampa
Robertson, William D., AB 2	Milton	Scaglione, Peter Cammaratta, BA 4	Tampa
Robinson, Hendrix S., Ag 4	Ft. Pierce	Scutti, Walter John, G	Jacksonville
Robinson, Jack Finley, PM 1	—Blytheville, Ark.	Schiller, Carl Parker, T 3	St. Petersburg
Robinson, Lewis William, CE 2	Coral Gables	Schirard, John Rogero, L 1	—Sanford
Robinson, William Everett, T 2	Palmetto	Schirmer, Ernest Edward, AB 1	Miami
Robson, Frank Young, PM 1	Tampa	Schmidt, Jule Erhardt, CE 2	St. Petersburg
Robuck, Ernest P., BA 1	Jacksonville	Schoenborn, Robert Morton, E 1	Tampa
Roche, Irving Monroe, BA 1	Vernon	Scholze, Robert Ellis, L 3	Miami
Rockwell, Daniel Thomas, A 5	Gainesville	Schuler, Paul Edward, EE 2	Branford
Roe, Wilson Singleton, ME 2	Gainesville	Schulting, Louis B., J 3	Gainesville
Roe, Wesley William, Ag 1	Plant City	Schwab, Walter Henry, BA 1	Miami
Rogers, Frazier, G	Gainesville	Schwartz, Dan Richard, L 1	Jacksonville
Rogers, John Tilden, BS 2	Gainesville	Schwartz, Harold, BA 1	Jacksonville
Rogers, Lewis Henry, E 1	DeFuniak Springs	Schwartz, Joe, L 4	Miami
Rogers, Nathan Jewett, EE 4	—DeFuniak Springs	Schwartz, Leon Julius, PM 2	Tampa
Rogers, Norman Beldin, BA 2	Jacksonville	Schweitzer, Edward Oscar, T 1	Homestead
Rogers, Thomas Albertus, BS 1	Hastings	Scofield, George Walter, T 3	Inverness
Rogers, Wilson N., BA 2	Clearwater	Scofield, Orlando Frank, BS 1	Inverness
Rollins, De Witt F., G	Gainesville	Scott, Felton Winfield, AB 1	Luverne Park
Romph, Edward, Coleman, AB 2	Miami	Scott, John Marcus, G	Gainesville
Romph, William Culbertson, BA 4	Miami	Scott, Russell Morgan, BA 3	Sebring
Rosenberg, Morris, L 1	St. Petersburg	Scott, William Curtis, BA 1; Ag 1	—Haines City
Ross, John A., Ag 3	St. Petersburg	Scotten, John Lewis, T 4	Gainesville
Ross, N. Donald, Ag 3	St. Petersburg	Sears, William Joseph, L 4	Gainesville
Rosser, John Barkley, BS 4	Jacksonville	Seasted, Harold Frederick, BS 2	—Eau Gallie
Rossetter, Appleton Thomason, AB 3	—Eau Gallie	Seay, Homer Houston, J 1	W. Palm Beach
Rossetter, James Wadsworth, T 2	Eau Gallie	Seely, H. J., BA 1	Tampa
Rothfuss, Richard Russell, T 3	Bradenton	Seivert, Ernest E., BS 1	Winter Park
Rothstein, Abe, L 3	Jacksonville	Seivert, Hugh Augustus, AB 2	Orlando
Rou, Leonard L., Ag 1	Lowell	Selle, Paul Theodore, BS 1	Gainesville
Rozear, Robert L., BA 3	Pensacola	Sellers, Glennan David, BS 2	Miami
Roundtree, James Barney, BA 1	Chipley	Setz, Thomas Burke, EE 2	Tampa
Rowan, Fred, PM 1	Ft. Pierce		

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Sewell, Robert Oliver, BS 4	Gainesville	Smith, William Jordon, Ag 1	Winter Haven
Shafer, Paul Lamarr, BA 2	Daytona Beach	Snyder, Harry Maurice, BA 1	St. Augustine
Shahinian, Manoug Haroutune, EE 2	—Gainesville	Snyder, Louis Frank, E 1	Miami
Shannon, G. Melvin, J 3	St. Petersburg	Snyder, John Lynn, BA 1	Tampa
Sharp, Hiram Felix, CE 3	Jacksonville	Soar, William Stanton, AB 1	Miami
Shaw, LeRoy, BA 1	DeFuniak Springs	Sobol, Hyman Burton, T 2	Gainesville
Shaw, William Henry, T 4	Adairsville, Ga.	Sompayrac, Lauren McCall, BS 2	—Jacksonville
Sheffield, Lexington Odette, BA 4	Dover	Spann, Emmett Britton, E 1	Holopaw
Shelfer, Jefferson Bates, BA 1	Quincy	Spann, Herbert W., E 1	Marianna
Shepard, Clyde Russell, Ag 3	Wauchula	Sparkman, Heyward, BA 1	Plant City
Sheppard, Charles Richard, AB 1	—Jacksonville	Sparkman, W. B., BS 1	Plant City
Sher, Paul Joseph, BS 1	Sarasota	Speh, Paul Edward, E 1	Jacksonville
Sherman, John Henry, BA 2	Panama City	Spencer, Allen William, P 1	Sarasota
Sherry, Byron Paul, BS 1	Waverly	Sperling, Max Franklin, PM 1	Miami
Shimp, Robert Charles, G	Jacksonville	Spradley, James Edwin, PM 2	Crestview
Shipp, Alvin Campbell, BA 1	—Chattanooga, Tenn.	Spurlock, Alvin Harold, T 2	Munson
Shirley, John Jasper, Ag 3	Bradenton	Stadler, John Buchan, BA 3	Jacksonville
Shiver, Kenneth Edgar, E 1	Pompano	Stadel, Harold Orrin, BA 1	Bradenton
Shook, Robert Leroy, EE 2	Stuart	Stamp, Thomas Leroy, E 1	Sanford
Shoun, Herbert, E 5	Tampa	Stanley, Richard Hopkins, E 1	Orlando
Shrigley, James William, P 1	Lake Wales	Stanley, Dennis Keith, T 4	St. Cloud
Shuler, Jay Alfred, L 1	Hosford	Stanly, George Booth, L 3	Ft. Lauderdale
Shuman, Leland Jackson, EE 2	Lakeland	Stanly, Richard Lee, L 4	Ft. Lauderdale
Sigmann, Edmund Ball, AB 2	Lake Worth	Stansfield, Charles Alfred, P 1	Wauchula
Sikes, Ardry Lyon, PM 2	Tampa	Stanfield, William Ashton, ME 2	Tampa
Sikes, Robert Fulton, G	Sylvester, Ga.	Starling, Sylvester Samuel, BS 1	Orlando
Silsby, Harry Z., BS 2	Gainesville	Starnes, Finis E., L 1	Ft. Myers
Silsby, Lincoln Washington, T 1	—Coronado Beach	Stearns, George Leslie, Ag 4	Jacksonville
Silverman, Sam, L 4	Miami Beach	Steed, Arthur Lee, AB 2	Kissimmee
Simmons, G. Ballard, G	Ponce De Leon	Steele, James Henry, BA 2	Tampa
Simmons, Louis Winford, P 1	Daytona Beach	Steen, John Probert, BA 2	St. Cloud
Simmons, William P., AB 1	Jacksonville	Steen, Vernon C., G	Gainesville
Simpson, Arthur Allen, L 3	Jacksonville	Stenstrom, Amialer, G	Wauchula
Sims, Charles Owsley, EE 2	Miami	Stenstrom, Eric Corr, L 1	Wauchula
Sims, William Harris, EE 3	Fernandina	Stephens, Bunyan McClure, T 1	Tallahassee
Singletary, George Lee, AB 2	Kissimmee	Stephens, Carl Wilson, T 4	Ona
Singletary, James R., T 3	High Springs	Stephens, Henry Adolph, BA 2	Sarasota
Sinquefield, James Rufus, BA 1	Ocala	Stephens, Norbert, T 1	Monticello
Sipprell, Murray Clayton, Ag 3	Palatka	Stephens, Willis Little, AB 1	Jacksonville
Skaggs, Kenneth Gordon, BS 1	Sarasota	Stephenson, Ray W., PM 2	Pittsburgh, Kan.
Skels, Norman Arthur, A 4	DeLand	Sternberg, Sam, PM 2	Starke
Skipper, Joseph Kingston, BA 2	Jacksonville	Stevens, Larry C., AB 2	Springfield, Ill.
Slavin, Sam, T 2	Miami	Stevens, Luther Davis, AB 1	—Homosassa Springs
Slough, Sam Osborne, Ag 2	Dade City	Stevens, William Garrett, BS 2	Gainesville
Small, Arthur Polhill, BA 1	Jacksonville	Stewart, A. Courtney, A 3	Ft. Lauderdale
Smedley, William George, CE 3; T 3	—Jacksonville	Stewart, Arthur Edward, L 4	Coconut Grove
Smith, Allen Lowd, L 4	New Smyrna	Stewart, James Arthur, T 1	Naples
Smith, Bernys Holland, J 3	Lakeland	Stewart, Harry W., T 2	Jacksonville
Smith, Clarence Edward, BS 1	Jacksonville	Stewart, Robert Wilson, Ag 1	Leesburg
Smith, Daniel Carl, BA 1	Center Hill	Stewart, Selden Lewis, ME 2	La Belle
Smith, David Clair, L 4	Wabasso	Stewart, Thomas Nichols, AB 2	Vero Beach
Smith, Donald William, PM 2	Miami	Stock, Joseph Clyde, T 2	Interlachen
Smith, Elmer Fleming, BA 3	Jacksonville	Stoddard, Guy Russell, PM 1	Miami
Smith, Elton, AB 2	Jacksonville	Stokes, J. P., L 1	Miami
Smith, George Garrison, P 4	Sanford	Stokes, William Ellis, BS 1	Moultrie, Ga.
Smith, George Hoffman, G	Gainesville	Stone, Alden George, ME 3	Tampa
Smith, George Rosse, CE 2	Coronado Beach	Stone, Bryant Mason, P 2	St. Petersburg
Smith, Guy Frederick, T 3	Altoona	Stone, Leo Kalervo, PM 1	Pierson
Smith, George Thomas, Ag 2	Winter Garden	Stone, Nobbie Higdon, AB 2	Port St. Joe
Smith, Helman, P 3	Jacksonville	Stone, Ralph Robertson, CE 2	Miami
Smith, Ivan Huron, A 4	Hastings	Stone, Wilbur Charles, L 3	St. Petersburg
Smith, James Madison, AB 2	Reddick	Stowers, Joseph Mahlon, T 1	Waldo
Smith, Joseph G., G	Plant City	Strickland, Edgar Vann, P 2	Colquitt, Ga.
Smith, J. Wallace, T 2	Wauchula	Strickland, Wilbur Hague, ME 2	Pierce
Smith, Kenneth Hartman, P 1	Lakeland	Strickler, Ira Wilbur, E 1	Miami
Smith, M. M., T 2	Winter Park	Stringer, Orum K., P 2	Lakeland
Smith, Nedam Eugene, BS 2	Gainesville	Strode, Harmon E., T 2	Green Cove Springs
Smith, Otis Efler, Ag 1	Oneca	Strom, William Alfred, BA 2	Quincy
Smith, Platt Thadeus, BA 1	Mulberry	Strout, Randolph Ernest C 2	St. Petersburg
Smith, Raymond Leroy, EE 3	Jacksonville	Sturges, Wilton, BS 1	Ft. Lauderdale
Smith, Robert Edward, E 1	Miami	Sturn, Gerald Wilson, AB 2	Sarasota
Smith, Thomas Elzie, AB 1	Panama City	Sullivan, Dwight Lyman, BA 5	—St. Matthews, S. C.
Smith, Walter Earl, Ag 1	Delray	Sult, William Marion, L 1	Lakeland
		Summers, Adolphus Eugene, L 1	—High Springs
		Sutcliffe, Roland Alton, BA 2	Miami

<i>Name and Classification</i>	<i>Address</i>	<i>Name and Classification</i>	<i>Address</i>
Swaine, Jack Robert, E 1	Pensacola	Underhill, Marion Reeves, BA 3	Barberville
Swaya, Sam Jonathan, BA 1	Jacksonville	Underwood, Robert Fryer, AB 1	—Winter Garden
Swearingen, William Bailey, AB 1	Bartow	Unrich, Robert Clinton, BA 2	—Daytona Beach
Sweat, Thomas William, T 1	O'Brien	Untreiner, Royal J., L 3	Pensacola
Sweat, Wesley Albert, CE 3	Mulberry	Usborne, Albert F., T 1	Miami
Sweeting, Benjamin, A 2	W. Palm Beach	Vaccaro, Joseph Anthony, L 1	Tampa
Swett, Charles Reavis, BS 1	Warrington	Valdes, Joseph Anthony, PM 1	Key West
Swink, William Marion, L 4	Woodruff, S. C.	Van Brunt, William Oscar, BS 2	Tallahassee
Swoope, Henry Corbin, BS 1	New Smyrna	Van Brunt, Richard Henry, T 1	Tallahassee
Takahashi, Nelson, ChE 3	Gainesville	Vandergrift, Henry Flagler, T 1	—Crescent City
Talbert, Merrill Edgar, AB 1	Vero Beach	Van Hyning, Oather C., BS 4	Gainesville
Taylor, Andy Dewey, T 1	Ft. Green	Vanderhulse, Kenneth Inman, AB 1	—Auburndale
Taylor, Calfrey Wilder, BA 3	Plant City	Vanderpie, John Fisk, L 4	Bradenton
Tedder, Warren Louis, L 1	Live Oak	Van Sickle, Dale Harris, T 3	Gainesville
Tedder, Paul Matthew, E 1	Canal Point	Varn, Myron Macfie, Ag 3	St. Augustine
Tenney, A. Webster, T 2	Ten Mile, W. Va.	Vaughan, Harold Eugene, BA 2	Gainesville
Theobald, F. William, PM 2	Orlando	Vaughan, Sam D., BS 1	Tampa
Thoburn, Robert, P 1	Daytona Beach	Vega, Celestino Camilo, L 4	Tampa
Thomas, Carey Judson, BA 2	Jacksonville	Verri, Joe, T 1	Tampa
Thomas, John Henry, BS 2	Gainesville	Ve Verka, Richard Dale, T 4	Manatee
Thomas, John Washington, P 1	High Springs	Vickery, Charles Leion, BA 1	Panama City
Thomas, Phillip Everett, BA 1	Gainesville	Vincent, Wirt Jackson, EE 2	Lecanto
Thomas, Richard Greene, Ag 2	Palm Harbor	Vining, Eugene Townsend, PM 1	Tampa
Thomas, Walter Lawrence, L 3	Palm Harbor	Vogler, William Charles, T 5	Gainesville
Thomas, William Reuben, BA 1	Gainesville	Volley, Karl Warren, BS 1; BA 1	—St. Petersburg
Thompson, Arthur Rumford, AB 3	—St. Petersburg	Voorhees, Richard Kenneth, Ag 3	—Cantonment
Thompson, Pierce John, BS 1	Gainesville	Wade, Edie Berry, BS 1	Tampa
Thompson, Robert Alden, E 1	Miami	Wahl, Harold Barksey, AB 3	Cocoa
Thornal, Benjamin Campbell, L 3	Orlando	Wahl, John H., AB 2; T 2	Cocoa
Thornhill, James Washington, BA 2	—Lake Wales	Wagner, Marion L., A 1	Chuluota
Thornton, Albert Sharp, BA 1	Tampa	Waid, Donald Kellan, A 1	Palatka
Thorp, Rebetha Frank, PM 2	Lakeland	Wakefield, George Norton, G	Apalachicola
Thrower, Frank Briggs, L 4	Quincy	Wakefield, John Wesley, E 1	Apalachicola
Thurston, Joe Marion, T 1	St. Petersburg	Walcutt, Henry Leeds, Ag 5	St. Augustine
Tilden, Frederick Theodore, BA 1	—Winter Garden	Walcutt, William Child, E 1	St. Augustine
Toffaletti, Louis, BS 1	Ocala	Walden, Robert Lee, A 3	Ft. Meade
Tolbert, Benjamin Arthur, G	Gainesville	Waldron, Jesse Calvin, T 1	Chiefland
Tomlinson, Laurence Wells, L 1	Lake Wales	Walker, Charles Frantz, Ag 3	Miami
Tompkins, Harold Irwin, BS 2	Tampa	Walker, Charles Hamilton, BA 1	Pensacola
Tooke, Harry Eugene, BS 1	Clearwater	Walker, Clifford Julius, J 1	Bradenton
Toole, John Cleghorn, T 1	Tampa	Walker, Robert Ellsworth, CE 2	Whitney
Toomer, Chester Holmes, T 1	Jacksonville	Walker, Shade Wilson, L 1	Tampa
Toomer, Jack, AB 1	Jacksonville	Walker, Solomon Lloyd, T 5	Perry
Torian, Frank Fleming, AB 1	Miami	Wall, Samuel Maupin, E 5	Gainesville
Tower, John Ballard, PM 2	Homestead	Wallace, Howard Keefe, BS 4	St. Petersburg
Towles, Alton Myers, L 3	Crawfordville	Wallace, Julian Howard, G	Gainesville
Towles, Dan Q., BS 1	Meggetts, S. C.	Wallace, Samuel D., AB 4; L 4	Gainesville
Trafton, David Calvin, EE 3	St. Petersburg	Walrath, Laurence Kaye, AB 2	—Keystone Heights
Trainor, Charles Franklin, CE 4	—Daytona Beach	Walsh, Stephen Eldon, T 1	Davis Island
Traxler, Leon William, L 4	Alachua	Walsh, Tracy Ryan, EE 3	Pensacola
Traylor, Charles Simcox, BA 2	Jacksonville	Walters, Velton, T 1	Holopaw
Tredwell, Thus Andrew, G	Aucilla	Walton, Fred James, T 1	St. Augustine
Trice, William Walter, BA 1	Tampa	Walton, William Marion, E 1	Pompano
Trodden, Richard P., BS 4	Melbourne	Wampler, Sam, T 1	Miami Beach
Trotman, Warren Ellis, T 3	Gainesville	Ward, Ernest Marvin, Ag 1	Winter Park
Troxler, Lanas Farlan, AB 1	Ocala	Ward, Fred Curtis, G	Eustis
Troxler, Walter Garrett, L 3	Ocala	Warfield, Wayne, PM 1	Tampa
Truc, Bert, G	Buffalo, Mo.	Warren, DeWitt Eckler, BA 2	Sarasota
Tucker, Cecil Argyle, T 1	Christmas	Warren, Frank M., T 1	Perry
Tucker, Woodson C., BS 4	Miami	Warren, Richard, T 2	Wewahitchka
Tugwell, Wilton, PM 1	Pensacola	Waring, Charles William, E 1	Tampa
Tully, Albert Paul, T 2	Tallahassee	Warnock, Harry C., BA 1	Jacksonville
Tunnell, Jack H., T 1	Palatka	Washer, Frank Kern, BA 2	Lakewood, Ohio
Turner, Drew Henry, PM 1	Ocala	Wass, Howard Frederick, BA 3	Miami
Turner, Edward Eugene, L 4	Lecanto	Waters, Dale Bernard, T 2	Titusville
Turner, Glover Manuel, L 4	Jacksonville	Waters, John Douglas, Ag 2	Muscogee
Turner, James Wilcox, P 2	Cedar Keys	Watford, Glen Angus, P 1	Graceville
Turner, Jesse Lee, T 2	Jacksonville	Watkins, Jim, BA 2	Llano, Texas
Tye, William Gosper, AB 3	Ft. Pierce	Watkins, John V., G	Lakeland
Tyson, Walter Leon, BS 1	Narcoossee	Watrous, Charles W., BS 1	Des Moines, Iowa
Uchoa, Jose Mendonca, Ag 5	—San Paylo, Brazil		
Ufford, Joel Curtis, EE 3	Winter Park		



<i>Name and Classification</i>	<i>Address</i>	<i>Name and Classification</i>	<i>Address</i>
Watrous, Thomas M., L 1	Tampa	Williams, Herbert Leroy, T 1	Jacksonville
Watson, Clare John, T 5	Ft. Meade	Williams, Jack Davis, L 1	Tampa
Watson, Clarence Newton, Ag 4	—St. Elmo, Tenn.	Williams, John Franklin, G	Monticello
Watson, Forrest Edward, T 1	Clearwater	Williams, Kenneth Rast, T 4; G	Monticello
Watson, J. E., BS 1	Pensacola	Williams, James Monroe, T 1	Graceville
Watson, William Bedford, L 1	Jacksonville	Williams, Nat Lawrence, L 4	Miami
Waugh, Joseph Edward, CE 4	Gainesville	Williams, Norman Eric, BS 3	Seville
Way, Caryle Symons, Ag 1	—Toronto, Canada	Williams, Richard Sugden, J 2	—Toronto, Canada
—South Euclid, Ohio		Williamson, Ferdinand Leroy, T 1	Woodville
Weaver, Richard Allen, T 1	Gainesville	Williamson, J. D., T 1	Chattahoochee
Webb, Alex Lee, EE 3	Tallahassee	Willis, Walker Dorr, A 2	Pensacola
Webb, Herbert Mitchell, AB 1	Lakeland	Willits, Hewitt Wilson, BA 1	Orlando
Webb, Robert Hamilton, Ag 1	Winter Haven	Willits, Ralph C., CE 2	Stuart
Webb, Thomas Roba, EE 3	Winter Garden	Wilmoth, Royal James, G	Loughman
Weeks, Howell Tucker, T 1	Trenton	Wilson, A. E., AB 3	Bradenton
Weeks, William Tucker, J 1	Newberry	Wilson, Donald Powell, G	Hettinger, N. D.
Weinstein, Julian Joseph, PM 1	—St. Augustine	Wilson, George Thomas, CE 3	Sanford
Weis, Henry Mahlon, BA 1	Pensacola	Wilson, Horace S., L 4	Gainesville
Welch, Arnold DeMerritt, P 3	Zephyrhills	Wilson, John W., E 5	Sanford
Welles, Benjamin, BA 2	Arcadia	Wilson, Lloyd, J 2	Tampa
Welling, Frederick A., BA 3	Babson Park	Wilson, Parker Thomas, P 2	Frost Proof
Wells, Gurdon Henry, T 4	Gainesville	Wilson, Pettus Kinnebrew, E 4	Jacksonville
Wells, Mrs. Idella, T 4	Gainesville	Wilson, Verne Edmund, PM 2	—Hettinger, N. D.
Wells, Sidney Wilson, Ag 2	Winter Haven	Wind, Andrew Elmer, T 1	Sarasota
Wenger, Wayne Rice, G	Saginaw, Mich.	Winderweedle, William Elbert, L 1	Mayo
Werner, Harold Willard, G	—New London, Wis.	Wingate, Homer Dewitt, BA 5	Barney, Ga.
Wernokoff, Leonial X., BS 1	Jacksonville	Wingert, Earl Perry, ChE 4	—Punxsutawney, Pa.
West, Erdman, G	Gainesville	Windhovel, Carl Ernest, BS 1	Lake City
West, James Walton, T 1	Bushnell	Wing, Kenneth Milam, T 1	Bayard
West, Thomas Franklin, L 3	Gainesville	Winston, Cornelius Ellis, E 1	Ocala
Westbury, Harry Alonzo, T 1	Gainesville	Wise, Jacob Hooper, L 4	Gainesville
Westmoreland, Wade Heiskell, PM 2	—Los Angeles, Calif.	Wolbert, Frank, BS 3	Winter Park
Wettstein, Max Elbert, BA 2	Orlando	Wolf, George Raymond, BS 2	Orlando
Wettstein, Otto, AB 4	Orlando	Wolfe, Joseph Emmet, L 1	Miami
Wheaton, Frank Remington, BS 2	—Painted Post, N. Y.	Wolfe, William Calvin, BS 1	Jacksonville
Wheeler, Joseph Augustus, T 3	Gainesville	Wood, Harry Evans, G	Evinston
Whidden, Ossie Lamar, Ag 1	Wauchula	Wood, Oresta Lee, BS 1	Baker
Whiddon, Jimmie Clayton, BA 3	—Chattahoochee	Woodberry, Nixon Lester, BA 2	Quincy
Whiddon, Russell Dyal, T 1	Gainesville	Woodberry, Robert McTyer, AB 3	Orlando
White, Al Ray, BA 1	Tampa	Woodruff, Hiram Toliver, G	Louisville, Miss.
White, James E., T 1	Tampa	Woods, James Pasco, L 1	Perry
White, Millard Brown, PM 1	Bradenton	Woodward, William Edward, L 1	Quincy
White, Richard Willis, AB 2	Sebring	Woodward, Walter Howell, AB 1	Marianna
White, Robert Norman, BA 2	Mt. Dora	Wooten, J. D., T 1	DeFuniak Springs
Whiteley, Miles J., EE 4	Miami	Wooten, Robert Carter, BA 1	Tampa
Whitesides, Thurman Andrew, T 1	Miami	Workizer, John Charles, T 2	St. Petersburg
Whitesides, William Robert, P 1	—Ft. Lauderdale	Worthington, Howey Rice, EE 2	Jacksonville
Whitfield, William Knott, T 1	Tallahassee	Wright, Wallace Murphy, A 2	Lakeland
Whiting, Wallace Lionel, E 1	Ocala	Wu, Nien Chi, Ag 5	Canton, China
Whittam, Benjamin, BA 2	Bradenton	Wulf, Robert Fischer, PM 1	—White Plains, N. Y.
Wiggert, Dohren William, BA 1	Chicago, Ill.	Wynns, Robert Kilgore, Ag 1	Montverde
Wigginton, A. Murray, BA 3	Miami	Yancey, Charles Bernard, AB 3	Umatilla
Wigginton, John T., T 3	Miami	Yancey, Hervey Hall, L 1	Tampa
Wiig, Lawrence Maron, BS 4	Ft. Lauderdale	Yancey, William Benjamin, BA 2	Umatilla
Wildner, Wallace Livingston, BA 4	Knights	Yarbrough, Lucien Bell, L 1	Nashville, Tenn.
Wilensky, Joseph S., AB 3	Jacksonville	Yarnall, Frank Dent, ME 3	Winter Park
Wilkinson, Carroll Warren, T 1	Hastings	Yarnall, William Dent, T 1	Winter Park
Wilkinson, Robert William, T 1	Jasper	Yates, Chester, T 1	Plant City
Will, George Arthur, PM 2	Keystone Heights	Yawn, Cecil Parker, T 3	Graceville
Willes, Errol Shippen, L 3	Jensen	Yawn, Donald Hunter, Ag 4	Graceville
Williams, Ashbel Cotten, BS 2	Jacksonville	Yeats, Robert Sheppard, A 4	Tampa
Williams, Bruce Wade, T 2	Punta Gorda	York, Thomas Joseph, BA 2	Tampa
Williams, Charles Ashton, AB 3	Miami	Young, Hugh, J 1	Everglades
Williams, Clemmie Banks, Ag 2	Sebring	Young, Rogers White, T 2	Tallahassee
Williams, David, BA 1	Jacksonville	Young, Vespucius Peniston, BA 2	Bradenton
Williams, Donald Grant, PM 1	Tampa	Ziebe, Richard Andrew, T 1	Jacksonville
Williams, Donald Kistler, BA 1	Tampa	Zemp, Sidney Thornton, P 2	Camden, S. C.
Williams, Edwin L., T 3	Ft. Meade	Zentgraf, Robert Louis, G	New York, N. Y.
Williams, Edwin Lacy, T 2	Williston	Ziegler, Louis William, Ag 3	Orlando
Williams, Gordon Lee, E 1	Jupiter	Zimmerman, Paul Arthur, PM 1	Miami

## LIST OF STUDENTS, SUMMER 1928

Name	Address	Name	Address
Abbott, Chas. E.	Gainesville	Beacon, Mrs. Esther Bremer	Callahan
Abbott, Edward Richard	Gainesville	Beacom, Wesley Linn	Callahan
Ackley, Vivien Lucile	Ashland, Ky.	Beasley, Alice Ellen	Hawthorne
Adams, Lola Louise	Ocala	Beasley, Bryant	Umatilla
Alexander, Jas. Chester	Dade City	Beaty, Robert C.	Gainesville
Alexander, Mrs. Louie	Lakeland	Beaver, Dorothy Mary	Key West
Alexander, Nell Mitchell	Lakeland	Behrens, Henry	Princeton
Allen, Georgia	Bradenton	Bell, Mrs. Hennie Lou	Gainesville
Allen, Marvis T.	Tampa	Bell, Lois	Lake City
Allison, Emma Wilma	Ft. Myers	Bell, Stuart C.	Barberville
Allison, Maud	Moore Haven	Bell, Winifred	Jacksonville
Allyn, C. L.	Ruskin	Bellamy, Zita Charlotte	Eustis
Altstetter, Mrs. Mabel F.	Orlando	Bellerby, Mrs. Katherina Charles	—St. Petersburg
Amerine, Nellie R.	Arcadia	Belton, Mrs. Lena Frank	Coleman
Ames, Burton Weber	Gainesville	Bennett, Martha A.	Lakeland
Amick, George	Gainesville	Bennett, Mickie Regina	Pelham, Georgia
Amrein, Werner Charles	St. Petersburg	Benton, Mrs. Edna Irene	Plant City
Anderson, Mrs. Edith L.	Sulphur Springs	Berkstresser, Mary Elizabeth	Hawthorne
Anderson, Edith N.	Lake Wales	Berry, Mrs. Lily May	Clarcona
Anderson, Ewing	Gainesville	Bevis, Myrtle	Bascom
Anderson, Irwin B.	St. Petersburg	Billings, Emily N.	Ocala
Anderson, Margaret Edith	Jacksonville	Bir, George P.	Miami
Anderson, Robert T.	Gainesville	Bishop, Rebecca	Reddick
Anderson, Mrs. Rose M.	Jacksonville	Bishop, Shirley	Gainesville
Anderson, Wm. Robert	Sulphur Springs	Bishop, Wilbur	Gainesville
Andrews, Mrs. Lula E.	Gainesville	Black, Mrs. Edna Mae	Coconut Grove
Arbic, George	Gainesville	Blackburn, Mrs. Georgia E.	Gainesville
Archibald, Robert B.	Jacksonville	Blackburn, Marion Effie	Orlando
Argo, Mary Emma	Ocoee	Blacklock, Mrs. Adelia J.	Gainesville
Asson, Thomas M.	Bushnell	Blair, Clarice E.	Jennings
Atkinson, A. W.	Gainesville	Blair, Collie	Jennings
Atkinson, Dean D.	West Palm Beach	Blair, Lottie Lee	Jennings
Atkinson, Mrs. Ethel May	Daytona Beach	Blair, Wm. Stuart	Clearwater
Augustine, Max D.	Miami	Black, Robert Geo.	Brooksville
Austin, H. Stuart	Orlando	Blanton, Mrs. Chloe	Wellborn
Ayers, Fred Donald	Gainesville	Blanton, Ellis M.	Miami
Backus, Mrs. Leola	Coral Gables	Bledsoe, Ann Lorena	Tampa
Baetzman, Fred Ernest	Gainesville	Bledsoe, Mrs. Debbie E.	Lithia
Baggett, Grace Jane	Williston	Blythe, Ruth Erma	Sebring
Baggott, Mrs. Myrtle Marie	Gainesville	Boardman, Edward Thorpe	Coral Gables
Bailey, Annie Beatrice	Port Tampa City	Boardman, Mrs. Ona Kenney	Gainesville
Bailey, Mrs. Miriam H. P.	Ft. Myers	Bogus, Dorothy Eleanor	Ocala
Bailey, Mrs. Ruby	St. Cloud	Bohannon, Erma Lee	Port Orange
Bain, Homer Andrew	Dundee	Booth, Donald Carr	Miami
Bain, Mrs. Leila Daniels	Dundee	Bosch, Mrs. Esther Olivia	Coral Gables
Bair, Russell Owen	Ft. Lauderdale	Bostick, Mary L.	Havana
Baker, Celestea Althea	Tampa	Bowen, James Thomas, Jr.	Chipley
Baker, Mrs. Genevieve	Lake Worth	Bowman, Clarence Jessee	Wauchula
Baker, Grace Lou	Arcadia	Boyd, Carrie Benie	Chipley
Baker, Milledge A.	Chiefland	Boyd, John Mann	Clermont
Baker, Mrs. Roberta Lee	Leesburg	Boyles, Carlos	LaCrosse
Baldwin, Mrs. Annie	Alachua	Bracewell, Louise	Ocoee
Ball, Mrs. Rebecca B.	St. Petersburg	Bradshaw, Mrs. Ethel I.	Gainesville
Ballard, Elizabeth A.	Geneva	Brady, Florence E.	East Palatka
Bancroft, Theodore A.	Port St. Joe	Branch, Ada Lenora	Bushnell
Barco, Lottie Louise	Tallahassee	Branning, Mrs. Annabelle A.	St. Petersburg
Barker, Genevieve Mead	Orlando	Brannon, Annie Laurie	Lake City
Barker, John Shearer	Miami	Brantly, Evan Thomas	Clermont
Barnes, Grace	Miami	Brash, Ruth	Tampa
Barnhill, Mrs. Lemma Mabel	Gainesville	Braswell, Tom Mills	Monticello
Barnhill, Wm. Benjamin	Gainesville	Bratley, Forrest G.	Miami
Barnes, Mrs. Carmen Sparks	St. Petersburg	Bridges, Ernest	Greenville, S. C.
Barrineau, James Archibald	Gonzalez	Bridges, Martha	Coleman
Baser, Clyde J.	Myakka City	Brinson, Verna	Live Oak
Baser, Mrs. Hazel K.	Myakka City	Bristol, Loris Rood	Gainesville
Bass, Joe	Tampa	Bristol, Wilma Harriet	Gainesville
Bass, Nellie	Live Oak	Brittle, George Wm.	Brooksville
Bass, Nettie May	Live Oak	Brockington, Mrs. Alma I.	Alachua
Bassett, Henry	Tampa	Brookins, Mrs. Grace E.	Okeechobee
Bateman, Robert Edward	Wauchula	Brooks, Wilma Doris	Gainesville
Baughner, Arthur Lorraine	Tampa	Brothers, Etta	Reddick
Baxter, Mrs. Ruth H.	Gainesville	Brothers, Shelby Lee	Reddick
Bayly, Cyril	Clearwater	Brown, Benny Arden	Coral Gables
Beach, Lillie Mae	Webster	Brown, Beulah Mae	Groveland
Beachem, Joe Wm.	Anastasia	Brown, Elizabeth Nance	Dade City

Name	Address	Name	Address
Brown, Eva Iona	So. Jacksonville	Clark, Laura Sole	Roseland
Brown, J. Colvin	Barberville	Clark, Marguerite Jennie	Miami
Brown, Jeanette	Lake Butler	Clark, Myrtle	Englewood
Brown, Joram Elbert	Ocala	Clark, Walton Bryant	Bartow
Brown, Joseph P.	Mascotte	Clement, Gertrude	Bartow
Brown, Marcus Gordon	So. Jacksonville	Clements, Lemuel Cecil	Fitzgerald, Ga.
Brown, Rae Marguerite	Tangerine	Clemons, Mrs. Marguerite R.	Clawson
Brown, Rebecca Henrietta	Live Oak	Cifton, Hilburn H.	Barberville
Brown, Ruby Lenora	Live Oak	Clubbs, Occie	Pensacola
Brown, (Miss) Tommy	Dade City	Cobb, Wm. Alfred, Jr.	West Palm Beach
Brown, Violet Rowena	Jacksonville	Cobia, Mary Louise	Lake City
Brown, Wm. Osborn	High Springs	Cochran, Mary Sheffield	Bunnell
Browne, Alice Marian	Romeo	Cochran, Mrs. Maude A.	Miami
Browning, Mrs. Alma B.	Johnson	Cockrell, Wm. Davis	Gainesville
Brownlowe, Dora Alma	Palm Harbor	Coffee, Lois Elizabeth	Altونا
Bruner, Olaf Ve	Vero Beach	Coffin, Emma Ives	Lake City
Bryan, Thomas Barnes	Marianna	Cogburn, Park Harry	Cottondale
Bryant, Susie	Gainesville	Coil, Hugh	Clearwater
Bryant, Sylvester Langley	Gainesville	Cole, Bessie Marie	Bartow
Buchanan, Frances Webb	Sarasota	Coleman, Donald J.	Tampa Shores
Buckels, Lucille	Jasper	Collier, Bernice M.	Ocala
Bulford, Amy	Hilliard	Collier, Fanny Emily	Oxford
Bullard, Mrs. Fannie A.	Ft. Pierce	Collin, Frederic James	Miami Shores
Bullard, Newton Hudson	Ft. Pierce	Collins, Mrs. J. E.	Oneco
Bullard, Ryan Joyce	Gainesville	Collins, Mary Elizabeth	Oneco
Bullock, Era Mae	Nocatee	Collins, Vesta Elithe	Gainesville
Bunch, Kathleen	Daytona Beach	Cone, Mrs. Elizabeth	Tampa
Burford, Florence Ann	Quincy, W. Va.	Conners, Mrs. Eva S.	Plant City
Burnett, Minnie Mae	New Smyrna	Conway, Mrs. Nina B.	Palatka
Bushnell, Marjorie Ethel	Dade City	Coody, Willie Mae	Lemturner
Butt, Thomas Cecil	Orlando	Cook, Mrs. Eddie Rawls	Gainesville
Byrd, Lillian Mae	Haines City	Cook, Ruth	LaBelle
Byrnes, Hazel Irene	St. Cloud	Cooksey, Juanita Frances	Lamont
Cable, Mrs. Edith Ethel	Ft. Pierce	Cooper, Mary Arden	Jacksonville
Cabrera, Mary	Key West	Corbiit, Deloren Dempsey, Jr.	St. Augustine
Caldwell, Leah Miriam	Coconut Grove	Cordell, Jos. J.	Wauchula
Caldwell, Mrs. Margaret I.	Gainesville	Core, Charles Frederic	Jacksonville
Camp, George Burdette	Gainesville	Cormack, Mrs. Clara Hammer	—West Palm Beach
Campbell, Erma Leona	DeLand	Corser, Mildred Dolores	Bagdad
Campbell, Hazel Aline	Hastings	Covington, Rachel Everett	Plant City
Campbell, Irene Juanita	DeLand	Cowan, Ettie	Lakeland
Campbell, Mrs. Opal R.	Sarasota	Cox, Ray Donald	Clermont
Canney, Mrs. Ida Gertrude	Live Oak	Cracowauer, Minnie	Tampa
Carlisle, Mrs. Annie M.	Sneads	Craig, Mrs. Addie P.	Zephyrhills
Carlisle, Ralph Cary	Sneads	Craig, Allen Thornton	Gainesville
Carlson, Mrs. Nellie P. Green	Cove Springs	Crawford, Essie	Pinacastle
Carmichael, Mrs. Elnora B.	Tampa	Creel, Eugene Mathew	Milton
Carmichael, May	Hollins	Crews, Pauline	Jacksonville
Carroll, Mrs. Ruby Lane	Pinemount	Crowell, Mrs. Bessie M.	Arcadia
Carter, Annie Lou	Orlando	Crowell, John M.	Arcadia
Carter, Mrs. Bessie Lett	Dade City	Crowson, Athel	Milton
Carter, Clio Belle	Tarpon Springs	Crozier, Rachel F.	Okeechobee
Carter, Edgar W.	Oxford	Culbertson, Raymond E.	Gainesville
Carter, Mrs. Florrie Mae	Ft. Pierce	Cuibreth, Sara Pattie	Oneco
Carter, Ralph Edward	Ft. Pierce	Cumbee, Carroll F.	Perry
Carter, Wm. LaFayette	Dade City	Cumbe, Myrtle Estelle	Clarcona
Caruthers, Ruby Mae	Oxford	Cunningham, Fannie	Tampa
Casey, Elizabeth Dolores	Jacksonville	Cunningham, Roy Lewis	Madison
Cason, Ernest Wesley	Lake Worth	Curry, Hazel Olive	Nokomis
Cason, Henry Vasco	Chiefland	Dacosta, Annie Elizabeth	Gainesville
Cason, Juanita E.	Bartow	Dale, Mrs. Alice Prine	Terra Ceia
Cason, Virgie Mae	Wellborn	Daley, Mrs. Sarah Louise	West Palm Beach
Causey, Ada Drusilla	Millry, Ala.	Dancy, Robert Campbell	Melbourne
Cauthen, Mattie Lee	Leesburg	Daniel, Romie Lee	Dade City
Cawthon, John Russell	DeFuniak Springs	Dansby, George Wm.	Summerfield
Chaires, Myldred Finley	Palm Harbor	Dauer, Manning Julian, Jr.	Tampa
Chafin, Wylene Jessie	Ocoee	Dauer, Mrs. Martha Fitts	Tampa
Chamberlain, Mrs. Ruth Fertic	Mount Dora	Davidson, Mrs. Evelyn	Gainesville
Chambers, Harley Pleasant	Plant City	Davidson, Watson Perry	Gainesville
Chamblin, John Anderson	Gainesville	Daview, Harold Marvin	Orlando
Chandler, Frances Pauline	Cross City	Davies, John Marshall	Gainesville
Chapman, Excelle	Webster	Davis, Mrs. Aurelia B.	Miami
Chastain, Bernice Ruth	Tampa	Davis, Mrs. Eleanor	Farmdale
Chavers, Mrs. Lily Ethel	Gainesville	Davis, Mrs. Elizabeth E.	Daytona Beach
Chestnut, Daisy Paula	Gainesville	Davis, Elizabeth Frank	Daytona Beach
Church, Alice L.	Eustis	Davis, Mrs. Emma	Miami
Clark, Helen Davis	Miami	Davis, Mrs. James Ross	Lake Wales

Name	Address	Name	Address
Davis, Joe Irving	Miami	Farabee, Thos. N.	Wauchula
Davis, Lawrence O., Jr.	St. Augustine	Fariss, Julia Lucretia	Orlando
Davis, Lysbeth	St. Petersburg	Farmer, Mrs. Mattie Hugh	Ocoee
Davis, Mary Eloise	Tallahassee	Farnsworth, Lucile S.	Plant City
Davis, Norman West	St. Petersburg	Faulds, Norval M.	Clearwater
Davis, Orville Rhoads	Miami	Faulk, Edna Mae	Lake City
Davis, U. P.	Mayo	Fay, Cora	Panama City
Davis, Wm. M., Jr.	Orlando	Fay, Mrs. Orra M.	Panama City
Davis, Mrs. Willie Emma	Tampa	Feagin, Thelma	Eagle Lake
Dawson, Alma C.	Munson	Feagle, Mrs. Edna Peebles	Wildwood
Dawson, Anne Lyde	Tampa	Feagle, Wm. Barnett	Wildwood
Dawson, Charles Ralph	Gainesville	Felton, Mrs. Laura J.	Mayo
Dawson, Ethel	Tampa	Fernald, Mrs. Inez G.	Tarpon Springs
Dawson, Gamma	Tampa	Fernald, Leon F.	Tarpon Springs
Deen, Carrie	Gainesville	Ferris, Catherine Norman	Tampa
Dees, Cecil Thomas	Mayo	Fetting, Anna Louise	Lakeland
DeGaetani, Frank Marion	Tampa	Fetzer, Mrs. Amy Steen	Gainesville
DeGrove, Mrs. Edythe Helen	Palm Valley	Fenman, Mrs. Miriam Rachel	Tampa
DeGrove, Russell Henry	Palm Valley	First, Malcolm M.	St. Petersburg
Degtoff, Walter A.	Miami	Fish, John Sterling	Glen St. Mary's
DeLeon, Magdelin E.	Key West	Fisher, Dan S.	Tampa
DeMasters, Clarence U.	Gainesville	Fitzgerald, Mrs. Louise Mathis	Palmetto
DeMotsis, Mrs. Esther	DeLand	Flaherty, James A.	Ocala
DeMuro, Josephine Irma	Inverness	Fletcher, Mrs. Harriet B.	Ojus
Devore, Wm. Elbert	Citra	Fletcher, Horace B.	Ojus
Dew, Joanna	Alachua	Fletcher, Nell Gregory	Ojus
Dew, Zelle Avon	Alachua	Florence, Mrs. Frances Miller	Freeport
Dickenson, Mrs. T. E.	Ocala	Flournoy, John Thomas	DeFuniak Springs
Dickson, Lucille Mary	McIntosh	Flowers, Mrs. Madie Martin	Campville
D.effenwierth, Julia McG.	St. Petersburg	Floyd, Chas. Henry	Apalachicola
Dishong, Wm. W.	Arcadia	Floyd, Clara B.	Hawthorne
Dodson, Chas. L.	Gainesville	Flynn, Merle	Gainesville
Donahue, Cecil W.	Valdosta, Ga.	Fogg, Grace Dell	Graham
Donaldson, Malcolm Gilbert	Shady Grove	Folsom, Dan Pouncey	Wauchula
Donnelly, Wallace Oliver	Gainesville	Forbes, Mary Jane	Ocala
Doty, Julia	DeLand	Ford, Henry M.	Gainesville
Douglas, Barton T.	Gainesville	Ford, Jos. Scott	Diana
Douglas, Lawrence Y.	Dunedin	Fore, Dorothy Elouise	Zolfo Springs
Dowdell, Samuel H.	Wimauma	Fortune, Allen M.	Milton
Downer, Mrs. Ruth B.	St. Petersburg	Foster, Mrs. Harriet	Glenwood
Drake, Edw., Jr.	Ocala	Foster, Ira J.	Madison
Draper, Stephen A.	Milton	Foulks, Frank Marshall	Tampa
Dreher, Mrs. Mary Z.	Micanopy	Fowler, B. B.	Miami
Driggers, Charles E.	Gainesville	Fowler, Mrs. Mabel Posey	Miami
Driggers, Mrs. Ina Stapp	Oxford	Fowler, Nina Fern	Miami
Driggers, Laudy Henderson	Bowling Green	Franke, Vera L.	Vero Beach
Driggers, Vaughan Wendell	Eustis	Fraser, Lora	Ft. Myers
Driscoll, Gertrude Madeleine	Tampa	Fraser, Ruth	Lakeland
Dukes, Carrie Bell	Cross City	Freeberg, Mrs. Mae D.	Chicago, Ill.
Dunn, Mrs. Inez L.	Gainesville	Freeman, Jack Thomas	Plant City
Durrance, Chas. L.	Pinacastle	Freeman, Leila L.	Largo
Durrance, Mildred C.	Limona	French, Mrs. Katherine Farr	St. Cloud
Dyess, Myra	Campville	Fripp, Ethel Ione	Bluffton, S. C.
Easterlin, Juanita	High Springs	Frisbee, Selma Ellen	Miami
Ebinger, Rollin J.	Tampa	Fugate, Lena	Orlando
Edwards, Mrs. Bertie H.	Hawthorne	Fugate, Mamie L.	Orlando
Edwards, Joyce	Alachua	Fulford, John C.	Ebb
Edwards, Ordie Morton	Hawthorne	Fuller, Frances	Orlando
Edwards, Ruth Evelyn	Cleveland	Fuqua, Claire Juanita	Ojus
Edwards, Wm. T.	Eau Gallie	Fuqua, Katherine Jessie	Ojus
Ekel, Sadie E.	Elfers	Furen, Elizabeth M.	Sanford
Ellis, Lucile	Alachua	Futch, Melvin Brown	Lawtey
Ellis, Sybel Belle	Fort White	Gallardo, Fernando R.	Ybor City
Ellzey, Ruby	Aucilla	Galloway, Athey Jane	Darlington
Elmore, Martha	Bradenton	Galloway, Clifton L.	Holly Hill
Emerson, Francis H.	Gainesville	Gammage, Lois	Sylvester, Ga.
English, Charles L.	Coral Gables	Gant, Mrs. Gertrude	Bell
Entz, Allan Lamar	Leesburg	Gant, John Elmo	Brooksville
Epling, Evelyn Ennis	Lake City	Garcia, Angie G.	Tampa
Epperson, Kathryn E.	Lake Butler	Garcia, Evelyn B.	Tampa
Erickson, Floyd Arthur	Canal Point	Garcia, Marion E.	Tampa
Espinosa, Wm. J.	Tampa	Gardner, Ella G.	Port Tampa City
Evans, Eleanor D.	Arcadia	Gardner, John H.	Jacksonville
Evans, Frances Louise	Tampa	Garner, Maude Louise	Arcadia
Eyster, Wm. W.	Jacksonville	Garrison, Allen M.	Eustis
Fagan, Artoise D.	Gainesville	Gaskill, Reba Clair	Charlotte Harbor
Faircloth, Esker Andrew	Milton	Gates, Eva May	Tampa
		Gay, Gussye	LaCrosse

Name	Address	Name	Address
Gaylord, Mrs. Eleanor M.	Tampa	Harris, Mrs. E. J.	West Palm Beach
Geiger, Lorenzo Dow	Zephyrhills	Harris, Mrs. Jennie N.	Orlando
Geiger, Ula L.	Stuart	Harris, M. Ruth	Gainesville
George, Gertrude	Morrison	Harris, Robert E.	Ft. Lauderdale
Getch, Bertha	Orlando	Harris, Mrs. Sarah S.	Chipley
Gilbert, Bonnie	Graceville	Harrison, Clarence Arthur	Gainesville
Gill, Jo Dozier	Sarasota	Harrison, George Lester	Anthony
Gillis, Orene	Ponce de Leon	Harrison, Grady	Anthony
Gillman, Dallas L.	Dady	Hartsfield, C. Kathleen	Gardner
Goddard, Alida Clementine	Lakeland	Harwell, Hettie Redford	Anthony
Godwin, Jewel E.	Bonifay	Haseltine, Mrs. Adaline Jane	Tampa
Godwyn, Sidney W.	Orlando	Haseltine, H. A.	Tampa
Goette, Mrs. Nannie H.	Eustis	Haskin, Elizabeth Ann	St. Petersburg
Goette, Wm. Louis	Eustis	Haskins, Charlotte Lunn (Mrs.)	Key West
Golden, Maree	Leesburg	Hatch, Dorothy Lois	Lake Worth
Goldstein, Mark J.	Jacksonville	Hathaway, Anne	Brooksville
Gooding, Mrs. Claudia	Tampa	Hawkins, Edward Meredith	Gainesville
Gooding, Nell	Tampa	Hawkins, George Alma	Bay Harbor
Gooding, Richard Elmer	Leesburg	Hawthorne, Nellie Alice	Apopka
Goolsby, Mrs. Louis C.	Gainesville	Hayman, Ione	Punta Gorda
Graham, Geo. R.	Lake City	Haymans, Alvin	Gainesville
Graham, Gladys G.	Tampa	Haynes, John Milner	Crystal River
Graham, Lenore M.	Jacksonville	Hays, Mrs. Helen Neibert	Tampa
Gramling, Carlene E.	Madison	Hays, Mrs. John Allen	Fort Myers
Grant, Grace	Sopchoppy	Hazen, Georgia M.	Plant City
Graves, John C.	Tampa	Head, Grace	Plant City
Graves, Thelma G.	Jennings	Head, Mabel Ann	Plant City
Gray, Leon A.	Hinson	Head, Mrs. R. E.	Lakeport
Green, Arthur S.	Perry	Heath, Mrs. Florence B.	Arcadia
Green, Harry	Gainesville	Heath, Jessie A.	White Springs
Green, Wilson P.	Reddick	Hedden, Henry George	Gotha
Greene, Cynthia Jane	Pinemount	Hedden, Mrs. Margaret Evelyn	Gotha
Greene, Edgar W.	Stuart	Helveston, Lucile M.	Tampa
Greene, Eustis E.	McAlpin	Helwig, Esther Mae	Tampa
Greene, Isla	McAlpin	Hemphill, Kate Miles	Gainesville
Greene, Lorin Arthur, Jr.	Gainesville	Henderson, Edwin Lloyd	Wacissa
Gregory, R. H.	Yulee	Henderson, Mrs. Julia Frier	Seffner
Grimm, Mrs. Phyllis J.	Gainesville	Henderson, Leon N.	Baker
Groff, Mrs. Rose Ann	Boynton	Henderson, Major J.	Baker
Guess, Mary C.	Williston	Henderson, Ralph W.	Shady Grove
Guito, Mrs. Anna Shepherd	Key West	Henderson, Vera Leone	Shady Grove
Gulley, Annie Lee	Tampa	Hendley, Sara Eugenia	South Miami
Gunnels, Lila Belle	Williston	Hendrick, Jennie B.	Palm Harbor
Gurr, Mrs. Olive V.	Chiefland	Hendricks, Janie Mae	Clearwater
		Hendrix, Floride	Leesville, S. C.
Hadsock, Mrs. Ethel L.	Micanopy	Hendrix, Hugh M.	Gainesville
Haft, A. M.	Gainesville	Hendry, Mrs. Ethel D.	Arcadia
Haines, Agatha Jessie	Oneco	Hendry, Harry Frierson	Fort Myers
Hait, Kenneth B.	Brooksville	Henley, Wm. Walter	DeFuniak Springs
Hall, Amy Christel	Lowell	Hennessee, Earl Eric	Lakeland
Hall, Anna Mae	Lake Alfred	Hennessee, Martina	Hawthorne
Hall, Mrs. Beulah T.	Cross City	Herndon, Nora Mae	Jasper
Hall, Charles R., Jr.	Gainesville	Herring, Ida Dove	Fort Meade
Hall, Edna	Ocala	Hester, Jackson B.	Easley, S. C.
Hall, Inez	Bushnell	Hewett, Orazeze Ann	Oakland
Hall, James Elwood	Cantonment	Hewitt, Mrs. Hazel C.	St. Petersburg
Hall, Janie Pauline	Orlando	Hewitt, Oliver Wm.	St. Petersburg
Hall, Mary Louise	Citra	Hiatt, Lyle Steven	West Palm Beach
Hall, Mildred	Tampa	Hickman, Doris	Arcadia
Hall, Mrs. Pearl Futch	Gainesville	Hicks, Mary	Gainesville
Hall, Thelma Esther	Citra	Hicks, Wm. T.	Gainesville
Hamon, Mrs. Alberta L.	Miami	Higgs, Lyman Williard	Arcadia
Hampton, Nettie E.	LaBelle	Higgs, Mrs. Rubye Lee	Arcadia
Hampton, Wm. Franklin	Gainesville	Hill, Mrs. E. P.	Winter Park
Hancock, Mattie	Lake City	Hill, Maoma Frances	Dade City
Hanselman, B. L.	Auburndale	Hill, Mildred	Homestead
Hardaker, Marjorie Ella	Galloway	Hill, Trixie	Gainesville
Hardee, Sherley Lena	Gainesville	Hillstead, Mrs. Ida Gowdy	Miami
Hardeman, Mrs. Maud P.	Little River	Himes, Alice Margaret	Bushnell
Hardy, Albert L.	Vernon	Himrod, Maud Allman	Wauchula
Hardy, Bernice Gladys	Palatka	Hinson, Ola	Gainesville
Harlan, Mrs. Estelle E.	Gainesville	Hobbs, Forrest O'Leary	Tampa
Harlee, Asa Lamb	High Springs	Hobbs, Mrs. Jay D.	Key West
Harlee, Eleanor S.	Tampa	Hodges, Julia Jeanette	Miami
Harper, Mrs. Vivian H.	Gainesville	Hoffman, George P.	St. Petersburg
Harre, Mrs. Lisle M.	Tampa	Hoffman, Mrs. Vida Pearl	St. Petersburg
Harrington, Mabelle	St. Petersburg	Hogan, Della	Trenton
Harris, Carl Henley	Chipley	Hogan, Fauniece Grace	Brandon

<i>Name</i>	<i>Address</i>	<i>Name</i>	<i>Address</i>
Hogg, Mildred Lee	Jacksonville	Jones, Mrs. Ruby S.	Tampa
Holliday, Mrs. Zola Padgett	Coral Gables	Jones, Thomas John	Sarasota
Hollingsworth, Mrs. Ruth H.	Lake Worth	Jones, Wm. Eugene	Gainesville
Holmes, Cicely Abernathy	Miami Beach	Jones, Wm. W.	Malone
Holt, Eva Ellen	Fort Meade	Jordan, M. B.	Gainesville
Hood, Myrtle Allyne	So. Jacksonville	Josey, Metzgar Elroy	Gainesville
Hooten, Mrs. Mary M.	Jacksonville	Justen, Mrs. Mary Louise	Tampa
Hornbaker, Betty Anne	St. Petersburg		
Horovitz, Jules Joseph	Tampa	Kaplan, David	Hollywood
Horrell, Elizabeth	Gainesville	Kaul, Jennie Catherine	Palmetto
Housman, Bessie	Bradenton	Kazarian, Carl	Orlando
Howard, Eugenia	Coral Gables	Keaton, Mrs. Carrie Brantley	St. Petersburg
Howard, Mrs. Mabel J.	Eustis	Keezel, James Edward	Winter Park
Howard, Ona Lee	Miami	Keith, Geraldine V.	Lake Worth
Howard, Raymond Holt	Gainesville	Kelbert, David G. A.	Gainesville
Howell, Esther	Melbourne	Keller, Cale Ralph	Ft. Meade
Howell, Olive Mildred	Melbourne	Kellogg, Mrs. Edna Sweet	Ft. Myers
Huddleston, Paul	Jay	Kelly, Mrs. Birdie L.	Live Oak
Hudnall, Mrs. Edith Graham	Baldwin	Kelly, Cornelia Eleanor	Live Oak
Hudnall, F. S.	Baldwin	Kelly, Hazel	Live Oak
Hudnall, John Mayes	Gainesville	Kelly, James Homer	Live Oak
Hudson, Mrs. Edna Frankie	Trenton	Kelly, Joseph Eddie	Glen St. Mary
Hudson, James Andrews	Miami	Kelly, Mildred	Perry
Hudson, Sara Elizabeth	Lake City	Kelsey, Geo. A.	Lake Placid
Hughes, Florence L.	Jacksonville	Kennington, Lyndoll	Ponce de Leon
Hunt, Mrs. Jean Partin	Ft. Christmas	Kicklighter, Mrs. Matera F.	Sarasota
Hunter, Marcia B.	Tampa	Kidwell, L. Dale	Coral Gables
Hutcherson, Ethel Madge	Okeechobee	Kierce, Steiner Clive	Baker
Hutcherson, Thelma	Jasper	Kimbrough, Martha Blanche	ChIPLEY
Hutchinson, Mrs. Ruby Evelyn	Lakeland	King, Albert Foster	Terre Haute, Ind.
		King, Mrs. Annie L.	Mayo
Imeson, John G.	Jacksonville	King, Julian Holt	Lakeland
Irwin, Tom Melbourne	Jacksonville	King, Linda Lee	Sarasota
Isaac, Albert L.	Coconut Grove	King, Mrs. Myra Nell	Bowling Green
Isbill, Clarence W.	Lake Mary	Klett, Mrs. Charlotte Emma	Tampa
		Knight, Mrs. Mary	Charlotte Harbor
Jackson, Charles Edward, Jr.	Clearwater	Knight, Thos. J.	Green Cove Springs
Jackson, Wm. Thomas	Gainesville	Kovarik, Florence Charlotte	Tampa
Jacobi, Gertrude F.	Jacksonville	Kubesserian, Garabed Gughmess	Gainesville
Jacobs, J. Tilden	Sanford	Kyle, Mrs. Mary	Winter Haven
Jacobs, Mrs. Minnette B.	Sanford	Kyle, Tessie Mae	Pidgeon Key
James, Emma W. (Mrs.)	White Springs		
Jaques, Mrs. Irma Jean	Miami	Laird, Angus McKenzie	St. Andrews
Jefferson, Wayne O.	Pensacola	Lamb, Mrs. Dorothy	Anthony
Jennings, Leonorah Dean	Jacksonville	Laney, Edward Earl	Tampa
Jennings, Ruth Marion	Jacksonville	Laney, Mrs. Johnnie Louise	Tampa
Jennings, Mrs. Susan Jane	Miami	Langford, Mrs. Lota B.	Lake Butler
Jerkins, Mrs. Anne E.	St. Petersburg	Langford, Maurice G.	Lake Butler
Jernigan, Claude H.	Monticello	Langston, Mrs. Margaret Lessie	Tampa
Johns, Henry Lamar	Wellborn	Langston, Thomas Hill	Tampa
Johns, Mrs. Susie E.	Lake Placid	Lanneaux, Gertrude	Tampa
Johns, Thomas M.	Lake Placid	Lansden, Elizabeth	Penny Farms
Johnson, Albert M.	Orlando	Larsen, Elizabeth E.	Jacksonville
Johnson, Alice Viola	Arcadia	Larson, Anna Bodell	Tallahassee
Johnson, Alma Elizabeth	Sydney	Larson, Lawrence John	Lakeland
Johnson, Annette	White Springs	LaRue, Rosalie Lanier	Eustis
Johnson, Mrs. Ethel Annie	Chiefland	Lau, Lorene Clarice	Gotha
Johnson, Eva Crawford	Evinston	Layfield, Addie Belle	Ft. White
Johnson, Gordon R.	Ft. Ogden	LeCroix, Iwanna Yvonne	Leesburg
Johnson, Mrs. Ida Penelope	Tampa	Ledbetter, Clara B.	Jennings
Johnson, Mrs. Ivey Mary	Mt. Dora	Lee, Mrs. Clara E.	Brandon
Johnson, Mrs. J. G.	Ft. Ogden	Lee, Edna Irene	Dade City
Johnson, Mrs. Marie Wolfe	Tampa	Lee, John Levi	Live Oak
Johnson, Martha Clough	Leesburg	Lee, Wm. I.	Munson
Johnson, Minton Hollingsworth	Gainesville	Lee, Winnie Belle	Marion, Ala.
Johnson, Robert Milton	Hardetown	Leggett, Frederick Earl	St. Petersburg
Johnson, Rossie Lee	Alturas	Leitner, Edna L.	Micanopy
Johnson, Thelma Jane	West Palm Beach	Leitner, Mary	Ft. Myers
Johnson, Mrs. Willie C.	Evinston	Leitner, Sarah	Ft. Myers
Johnston, Alma May	Jacksonville	Lence, Mrs. Marie Griese	Arcadia
Johnston, Edith Winnifred	Monticello	Leps, John Christian	Winter Haven
Jones, Anna Ethel	Jay	Leto, Aurora	Tampa
Jones, Emily Capers	Crescent City	Levey, Bernard Frank	Pensacola
Jones, Henry Grady	Jacksonville	Lewis, Mrs. Claire	Coleman
Jones, Homer	Floral, Ala.	Lewis, R. Ruth	Orlando
Jones, Mary Mertie	Bronson	Lewis, Ruth Esther	Waldo
Jones, Patricia Niles	Crescent City	Liddon, Benjamin Sullivan	Marianna
Jones, Rubye	Lee	Lightfoot, Mrs. Lilla C.	Tangerine

<i>Name</i>	<i>Address</i>	<i>Name</i>	<i>Address</i>
Lilly, Laura Elizabeth	Quitman, Ga.	McKinney, Eula Lee	Micanopy
Lincoln, Mrs. Lillian W.	Elfers	McKinnon, Daniel Angus	Marianna
Lindsey, Margaret Georgia	Geneva	McKinnon, Nan	Williston
Lipscombe, Mary Berta	Jacksonville	McLanahan, Julius Pope	Bunnell
Lites, Bernice Irene	Ft. White	McLae, Eldridge Franklin	Lake City
Litherland, Edna Mae	Ocoee	McLaughlin, H. E.	Branford
Little, Sara	Grand Island	McLean, Helene Claire	Cross City
Livingston, Katharine	Ocala	McLean, Nora E.	Winter Haven
Livingston, Mattie	Carbura	McLendon, Ida Ruth	Jacksonville
Lloyd, Wm. F.	Tampa	McLeod, Mrs. Hortense H.	W. Palm Beach
Lock, Dorothy Louisa	Dade City	McLeod, Norman Wightman, Jr.	Aucilla
Long, Mrs. Mary G.	Jacksonville	McMakin, Dorothy Primrose	Orlando
Long, Clarice Mona	Tampa	McMichen, Virginia Dare	Waldo
Lord, Mrs. Annie Bates	Orlando	McMillan, Ann Averil	Gainesville
Lord, Dorothy C.	Gainesville	McMullen, Danial G.	Lee
Lord, Earl Leslie	Gainesville	McPherson, Guy A.	Havana
Lord, Richard P.	Gainesville	McPherson, Mrs. Ruth Adams	Gainesville
Loring, Mrs. Ethel Jones	Cocoa	McQuitty, John V.	Ft. Myers
Lorraine, Charles Cabell	Jacksonville	McKae, Anderson Cook	Chipley
Lot, Mrs. Imogene	Miami	McRae, Bernice	Palatka
Loucks, Ivan H.	Gainesville	McRae, Elizabeth K.	Gainesville
Loudermilk, Mrs. Heila Irene	Pierce	McWhorter, Benj. Cassels	Umatilla
Lovell, Broward	Summerfield	McWhorter, Robert Olen	Sarasota
Lovell, Mrs. Flora Ester	Plant City	Macy, Kate Lillian	Orlando
Lovvorn, Charles Jason	Okeechobee	Maddox, Russell C.	Estero
Lowery, Mrs. Harris R.	Stuart	Maddrey, Jocie Lee	Gainesville
Lucas, Marie	Wildwood	Magee, Mrs. Alyce June	Weirsdale
Luffman, Ida Lena	Ocala	Magruder, Charles	Tampa
Lunn, Mrs. Annie Lee	Brewster	Mahan, Mrs. Louise H.	Tampa
Luter, Leila	Miami	Mahood, Mrs. Mildred H.	Miami Shores
Lybass, Jas. H.	Tampa	Mallory, Gladys V.	Wellborn
Lyle, Mrs. Ethel J.	Dundee	Mann, Mrs. Allie Dean	Lakeland
Lyman, Mrs. Daisy Emma	West Palm Beach	Mann, Orion Alfred	Lakeland
Lyman, Mrs. Emma Abbott	—Altamonte Springs	Mansell, Mrs. Avis Audrey	Frostproof
Lynn, James Waldon, Jr.	Tampa	Mansell, Marguerite E.	Frostproof
Lynn, R. Kathleen	Tampa	Manstine, Mrs. Agnes L. Green	Cove Springs
Lyon, S. C.	Gainesville	Marchman, Frederick	Minacopy
Lytal, Luke Henry	West Palm Beach	Martin, Annie Mae	Hawthorne
Lyle, Mrs. E. J.	East Lake	Martin, Mrs. Clara E.	Island Grove
McAloon, Evelyn Agnes	St. Augustine	Martin, D. A.	Gainesville
McArthur, High Lynn	Tampa	Martin, Freeman G.	Ninety Six, S. C.
McAulay, Annie Lucy	Ft. Meade	Martin, Mrs. Geraldine	Miami
McCall, Georgia E.	Lake City	Martin, Inez	Greenville
McCall, Maud Bryant	Wildwood	Martin, Memory	Gainesville
McCall, Virginia Tejas	Williston	Martin, Olive Frances	Orange City
McCaull, Thomas Vaden, Jr.	Gainesville	Martin, Roe Millege	Gainesville
McClellan, Mrs. Essie	Canal Point	Martin, Swan	Gainesville
McClinton, Annie Louise	Gainesville	Mashburn, Ara Lee	Bay Head
McCorkle, Helen Louise	Manatee	Mashburn, Mansel Malone	Blountstown
McCormick, Charles	Bartow	Massengill, Mrs. Clara M.	Alachua
McCormick, Fenwick T.	Gainesville	Massengill, Joseph Warren	Alachua
McCormick, Harry W.	Gainesville	Matchett, Dallas M.	Citra
McCormick, Lucius Raines	Gainesville	Matchett, Josephine G.	Citra
McCoy, Hazele Lydia	Alachua	Matheny, Candler Calhoun	Madison
McCrea, Blanche	Bartow	Mathews, Mary Belle	Gainesville
McDonald, Alice Bradford	Archer	Matteson, Laura Maxine	W. Palm Beach
McDonald, Bessie	White Springs	Matthews, Melba	Ponce de Leon
McDonald, Gladys Eleanor	Wauchula	Maultsby, John Camp	Gainesville
McDonald, Grace Frances	Archer	Maxwell, Thelma Isabelle	—Green Cove Springs
McDonald, Mrs. Ida	Gainesville	May, Juanita Ella	Tampa
McDonald, Jackson H.	Stuart	Mayo, Gertrude	Summerfield
McDonald, Pauline Fern	New Smyrna	Meacham, Mrs. Clara	McDowell St. Cloud
McDonald, Thelma	Wellborn	Meadows, Mrs. Carolyn H.	Umatilla
McDonell, Carrie Bertha	Williston	Meadows, Claire	Citra
McElroy, Charles G.	Tampa	Mears, Mrs. Frankie R.	Cypress
McEwen, Raleigh Odell	Gainesville	Mears, George Hiram	Cypress
McFadden, Mary Lou	Alachua	Mears, John Miriam	Cypress
McFarland, Martha Jane	Ocoee	Meeks, Cherry A.	Crystal River
McFarland, Martha Nelle	Orlando	Meeks, Joyce E.	Crystal River
McGarity, Mrs. Carol Virginia	Fort Pierce	Melvin, Perry David	Milton
McGarrah, Nell	Gainesville	Merbler, Adam Albert	Pensacola
McGee, Wm. Lanier	Century	Mercer, Laurita	Wauchula
McGrath, Blanche B.	St. Petersburg	Meredith, Margaret Grace	Avon Park
McGrath, Ethel B.	St. Petersburg	Merritt, J. Webster	Gainesville
McIntire, James Edgar	Clearwater	Metcalfe, Mrs. Willie A.	Gainesville
McIntire, Mrs. Mildred Louise	Clearwater	Metzger, Mrs. Hattie Cain	Sarasota
		Michael, Mrs. Ethel Wolfe	Gainesville

Name	Address	Name	Address
Michael, Kenneth E.	Gainesville	Norfleet, Paul Judson	Newberry
Middleton, Lillie Mae	Gainesville	Norman, Grover Cleveland	Starke
Mikell, E. M.	Gainesville	Norton, Bessie Amanda	Panama City
Milbrath, Harry Simmons	Ft. Ogden	Nunez, Geo. Tierso	Perry
Miles, Mrs. Lorene S.	Hialeah		
Miller, Charles	Jacksonville	Ober, Beatrice Helen	St. Petersburg
Miller, Mrs. Edna Johns	Micanopy	O'Bryant, Violet	Oxford
Miller, E. H.	Melbourne	O'Donald, Ed Todd	Gainesville
Miller, James Frank, Jr.	Sarasota	Ogg, J. A.	Gainesville
Miller, L. D.	Palatka	O'Hara, Mrs. Emma	Gainesville
Miller, Robert Thomas	Wellborn	O'Hara, Milbrey E.	Ellaville
Miller, Mrs. Ruby	Gainesville	Oliver, Leo (Miss)	Gainesville
Miller, Sall Dixie	Enterprise, Ala.	Olsen, Iona	Punta Gorda
Miller, Saul D.	Gainesville	Olsen, Emma Olivia	Punta Gorda
Mills, Mrs. Ruth Ora	O'Brien	Olson, Mrs. Clara McDonald	Gainesville
Milteer, Mrs. Lillie Fair	Ft. Myers	Otte, Burton J. H.	Gainesville
Mims, Beatrice J.	Anthony	Ousley, Nona Elethia	Coconut Grove
Mims, Emma Lee	Williston	Outzs, Mrs. Eunice A.	Madison
Miner, Jack Harding	Daytona Beach	Overhultz, John Nelson	Bushnell
Miner, Ruby G.	Tampa	Owen, Mildred Evona	Webster
Minor, Leonidas Corbly	St. Petersburg		
Minter, Mary Elizabeth	Live Oak	Pacetti, Mrs. Macy Marion	St. Augustine
Minton, Eunice Lucile	Palatka	Padgett, Faith Florence	Gainesville
Mires, Mrs. Frankie M.	DeLand	Park, Alice Margaret	St. Petersburg
Mires, John J.	DeLand	Parker, Fronia E.	Live Oak
Mires, Lassa Iona	DeLand	Parker, Helen	Gainesville
Mitchell, Thelma Lula	Dowling Park	Parker, Mary Blanche	Quitman, Ga.
Mixon, Kathryn Lena	Clearwater	Parker, Pearl	Bunnell
Mizell, Bascom Fernando	Gainesville	Parnell, Gwendolyn	Live Oak
Mizell, Mellie	Fort Ogden	Parrott, Ernest Milford	Cordova, Tenn.
Mobley, Mrs. Callie Mai	Monterey	Parrott, Mrs. Rachel Adeline	Cordova, Tenn.
Moger, Mrs. Eleanor Smith	Ft. Myers	Patten, Mary	Tampa
Montgomery, Stephen Miles	St. Petersburg	Payne, Alva	Lake City
Moody, Mrs. Pauline	Gainesville	Payne, Irene Marie	Inverness
Moon, Robert Cary	St. Andrews	Peacock, Audrey C.	Perry
Moore, Ellis	Umatilla	Peacock, Joseph Troy	Marianna
Moore, Mrs. Lou'se Dickie	Clearwater	Pearson, Mrs. Vera	Hialeah
Moore, Maurice Lee	Laurel Hill	Peck, Mrs. Maude Wilson	Bay Lake
Moore, Sallie Jim	Brooksville	Peek, H. E.	Jacksonville
Moore, Sarah Alice	Lake City	Peek, Mrs. Mary Elizabeth	Jacksonville
Moore, Wilma Knotts	Dixie, Ga.	Peel, Henry	Sarasota
Moore, Mrs. Winona S.	Daytona Beach	Peeler, Mrs. Casper S.	Gainesville
Moran, Mrs. Alva Betts	Chattahoochee	Peoples, Benjamin Franklin	Winter Haven
Moran, Edith Claire	Waldo	Peoples, Vasco E.	McAlpin
Morford, Cora E.	Port Orange	Pentreath, Ada Constance	Miami
Morgan, Grace Edna	Miami	Pepper, Louis Calvert	Gainesville
Morgan, John W.	Mayo	Percival, Nina I.	Dade City
Morris, Alton Chester	West Palm Beach	Perkins, Carroll C.	Gainesville
Morris, Mrs. Harold A.	Largo	Perkins, Marion Denning	Gainesville
Morris, Irene Elizabeth	Jacksonville	Perkins, Mrs. Ruth H.	Wildwood
Morris, Wm. Erskine	Leesburg	Perlman, Sol Jay	Jacksonville
Morris, Lila Rebecca	Inverness	Perloff, Ben	Jacksonville
Morrow, Albert Roy	Waldo	Perry, Clara Louise	Summerfield
Morrow, Mrs. A. R.	Waldo	Perry, (Miss) Eddie	Barberville
Morrow, Mason Wayne	Ft. Pierce	Perry, Mildred E.	Gainesville
Morse, E. Louise	Greenville	Perry, Mrs. Sue Mae	Punta Gorda
Morse, Gladys Alma	Perry	Perryman, Vivian Irene	Lecanto
Mott, Catherine Antionette	Tampa	Peters, Clara Lea	Wauchula
Mounds, Charles Eugene	Gainesville	Peters, Paul Edward	Chipley
Moyer, Mrs. Oda Wright	Tampa	Peterson, Frank Lon	Miami
Moyers, Tillie Leaville	Orlando	Petroutsas, Anthony John	Jacksonville
Mullins, Mrs. Carrie T.	Gainesville	Pettit, Effie Doan	Waldo
Munn, Mrs. Luellen Jones	Miami	Phillips, (Miss) Johnnie G.	Wauchula
Murphree, Albert Alexander	Gainesville	Phillips, Mrs. Theresa Frances	Orlando
Murphy, Mrs. Minnie Teresa	St. Petersburg	Phinney, Jessie Wheelock	Palatka
Murray, Robert Daniel	Ponce de Leon	Pickering, Mrs. Rebecca L.	Eastport
Myers, Mrs. Minnie May	Rockledge	Pickett, Erma May	Jacksonville
		Pickren, Mrs. Daisy	Gainesville
		Pickren, Pansy	Gainesville
Nash, Mrs. Gladys Margaret	Clearwater	Pilkenton, Fannie Belle	McIntosh
Nash, Viola Elizabeth	Jacksonville	Pinder, Mary Louise	Key West
Nation, Mrs. Clyde Hicks	Ft. Myers	Pinholster, Geo. Dewey	Bunnell
Nelson, Floyd James	Tampashores	Pinholster, Mrs. Geo. D.	Ormond
Nesmith, Nora Lourie	Plant City	Pinkham, Katherine Agatha	St. Augustine
Newell, Henry Arthur	Starke	Pinney, Mrs. Lois	Brewster
Newsome, Jewel	Southport	Pirenian, Zareh M.	Gainesville
Newton, Nelle	Live Oak	Platt, Mrs. Irene S.	Boca Raton
Nicholas, Louis King, Jr.	Miami	Polk, Mrs. Harriet Poyntz	Jacksonville
Nightingale, Harry Alfred	Orlando	Pool, Daisie	Miami
Nolan, Mrs. Gladys Milton	Macciano		



<i>Name</i>	<i>Address</i>	<i>Name</i>	<i>Address</i>
Poppell, Edward R.	New Smyrna	Romfh, Edward Coleman, Jr.	Miami
Poppell, Rubie Mae	Starke	Rose, Mrs. Mason H.	Sarasota
Poppell, Thos. Jay	Groveland	Rowell, Mrs. Bess W.	Trenton
Portner, Alice Regina	Winter Park	Rowland, Mrs. Lela Mae	Gainesville
Potter, David Wilfred	St. Augustine	Royal, Ruth Laverne	Kelsey City
Potter, Wm. Homer	Vernon	Russ, Ashley Roche	St. Petersburg
Powell, Marie	Jacksonville	Russ, Mrs. Bessie Mae	St. Petersburg
Powell, Mrs. Stella Mae	Miami	Russ, Mrs. Ila C.	St. Petersburg
Powers, John Lay	Wabasso	Russell, Medora E.	Kissimmee
Powers, Keitha Rose	Lakeland	Rutherford, Nelle	Wildwood
Prevatt, John Pearl	Valdosta, Ga.	Rutherford, Sue Mae	Wildwood
Price, Mildred Caldwell	Tampa	Ryan, Mrs. Mabel	Arcadia
Price, Robert Lee	Graceville		
Priest, Clarence Patrick	Sanford	St. Clair, Mary Lou	Elfers
Prince, Thomas Chafer	Jacksonville	Salas, Mrs. Zoila Aracelia	Tampa
Proctor, Mrs. Suelaw	Summerfield	Sandlin, John Henry	Lake City
Pryor, George W.	Laurel Hill	Sanford, Lois Greene	Estero
Pugh, Elizabeth	Haines City	Sargent, Mrs. Eva	Oak Hill
Pyle, Winifred Faustine	DeLand	Sarns, Charles L.	Largo
		Saunders, Harold R.	Pinestate
Quarles, Mrs. Sue Pritchett	Ojus	Saunders, Mrs. Magdalen V.	Pinestate
Quinn, Adna	Polk City	Sawyer, Wanda	Camilla, Ga.
		Scadron, Ives Josef	Tampa
Radd, Lucian	Palmetto	Scarborough, Chaffee A.	Stuart
Rader, Rachel E.	Lakeland	Scarborough, Georgia Etta	Sarasota
Ralls, Ella	Arcadia	Scharfschwerdt, Mrs. Adelaide	Ft. Pierce
Ransone, Ruth	Wimauma	Schiller, Charles C.	St. Petersburg
Raulerson, Annabel	Waldo	Schiller, Carl Parker	St. Petersburg
Raulerson, Isabel Louise	Waldo	Schindler, Mrs. Errah D.	Tampa
Rawls, Agnes Donia	Tampa	Schnadt, Clarence A.	Wright City, Mo.
Read, Mrs. Anna L.	Jacksonville	Schoppe, Charles Vernon	Ft. Lauderdale
Read, Helen M.	Quincy, W. Va.	Schuyler, Edwin H.	Coral Gables
Read, Paul	Jacksonville	Scofield, George Walter, Jr.	Inverness
Reddick, Elizabeth	Williston	Scotten, John Lewis	Gainesville
Reed, Betty Woodworth	Jacksonville	Sellers, Linda Frances	Wauchula
Rehwinkel, Jennings A.	Crawfordville	Sellers, Myrtle Mildred	Wauchula
Reichelderfer, Mrs. Mabel	Raleigh	Sellers, Sarah Gladys	Wauchula
Reithmeier, Amandus	Brandon	Semmes, Sarah H.	Tampa
Rembert, Mrs. Alma McCook	Stuart	Sensabaugh, Mrs. Effie R.	Winter Haven
Rembert, Alma Omerea	Stuart	Setzer, Wendell C.	Gainesville
Rencher, Mrs. Mamie Lee	Winter Park	Shahinian, Manoug H.	Gainesville
Reuben, Victor Marvin	Coral Gables	Shaw, Mrs. Bertha Mae	Raiford
Revels, Alice Irene	Florahome	Shaw, Jeannette	Gainesville
Reynolds, Frank	Citra	Shaw, LeRoy	DeFuniak Springs
Reynolds, Frederick R.	Gainesville	Shaw, William Henry	Raiford
Rhoden, Lucille Marie	Gainesville	Shearon, Cassie Mae	Tampa
Rice, Joseph Daview	Gainesville	Sheeley, Mrs. Erma Cleo	Palmetto
Rice, Mrs. Ora Stamps	Sarasota	Sheeley, Loran Leroy	Palmetto
Richards, Virgil Long	Orlando	Sheffield, Apisie Esther	Brinson, Ga.
Richards, Wilson James	Baker	Sheffield, L. Odette	Gainesville
Richardson, Elvira A.	Madison	Shepard, Clyde Russell	Wauchula
Richardson, Leitha James	High Springs	Shiner, Mildred	Jennings
Richardson, Lois B.	High Springs	Shireman, Hazel P.	Orlando
Richey, Horace Edgar	Coral Gables	Shockley, Anna Maude	Altونا
Richey, Mrs. Tommie Lee	Tampa	Shockley, Beulah	Altونا
Ridenour, H. E., Jr.	Gainesville	Shouse, Gladstone Arthur	High Springs
Ridenour, Mrs. Janet Marie	Archer	Siedenburg, Hilda Mae	Oneco
Rider, A. Leech	Tallahassee	Sikes, Mrs. Annie Fennell	Grandin
Ridgell, Sadie A.	Gainesville	Sikes, Grace Olis	Palmetto
Riker, Iva Pearl	Sparr	Silsby, Harry Z.	Gainesville
Rimel, Mary Dice	Apopka	Silva, Hazel Danita	Stuart
Rivers, Jeannette	Ft. Meade	Silverman, Millie Gertrude	Tampa
Roadman, Nannette	Manatee	Simmons, Wilfred	DeFuniak Springs
Roberts, Clara Lucretia	Shady Grove	Simmons, Wilma	DeFuniak Springs
Roberts, Zola Louise	Ona	Simonton, Lillian	Live Oak
Robertson, Ella Fleming	Gainesville	Sims, Ella Brainerd	Miami
Robertson, Mrs. Isla Mae	Live Oak	Singleton, Cora Lee	Bartow
Robinson, Anniebelle	Melrose	S'pprell, Clayton Murray	Palatka
Robinson, Carolina A.	Chiefland	Sister Mary Agatha	Orlando
Robinson, Henrik S.	Ft. Pierce	Sister Anna Maria	St. Augustine
Robinson, Reda	Melrose	Sister M. Augustin	Coral Gables
Robinson, Robert W.	Ft. Pierce	Sister M. Clementina	Tampa
Robinson, Verlie Thelma	Milton	Sister M. Boniface	Jacksonville
Robinson, Elizabeth D.	Gainesville	Sister M. Thecla	Jacksonville
Robison, Mrs. Irma J.	Orlando	Sister M. Theophane	St. Augustine
Rogers, Dora Eula	Wellborn	Sistrunk, Georgia	Williston
Rogers, Edra	River Junction	Skaley, Mrs. Charlotte C.	Tampa
Rogers, Frazier	Gainesville	Skinner, Blanche Estelle	Jacksonville
Rollins, Mrs. Ruby S.	Umatilla	Skinner, Evelyn Van	Archer

<i>Name</i>	<i>Address</i>	<i>Name</i>	<i>Address</i>
Slater, Rubye Christeen	Graceville	Surrency, Aileen	Jacksonville
Slaughter, Hattie D.	Groveland	Sutton, Merle	Palm Harbor
Slocum, Edna Woodrow	Branford	Swann, Louella Ruth	Palmetto
Slocum, Ruby Irene	Branford	Swearingen, Mrs. T. J., Jr.	Gainesville
Slone, Evelyn Amanda	Ocoee	Sweat, Elva Elizabeth	O'Brien
Slot, Minnie Lucille	Ocala	Sweat, Mrs. Grace H.	Wimauma
Smith, Addie	Lakeland	Sweat, Samuel David	Branford
Smith, Bertie	Pensacola	Sweat, Mrs. Virginia	Live Oak
Smith, Cecil Lee	Dade City	Swinington, Carey Ellis	Bradenton
Smith, Mrs. Chloe	Oxford	Swords, Mary Ellen	Gainesville
Smith, Christine	Oxford	Syfrett, Jesse M.	Green Cove Springs
Smith, Daisy Rae	Tampa		
Smith, Don W.	Gainesville	Takahashi, Nelson	Gainesville
Smith, Doris Anne	Oakland	Taylor, Andy D.	Ft. Green
Smith, Dorothea Hopkins	Gainesville	Taylor, Calffrey W.	Plant City
Smith, Elizabeth McDaniel	Tampa	Taylor, Mrs. Dorothy Ione	Cordele, Ga.
Smith, Mrs. Eula LeCroy	Gainesville	Taylor, Lilla Bess	Jacksonville
Smith, Fannie Olivia	Winter Haven	Taylor, Martha	Gainesville
Smith, Flossie M.	Webster	Taylor, Maurice Enoch	Dade City
Smith, Glenn Earl	Tarpon Springs	Taylor, Mrs. Maurice E.	Dade City
Smith, Heyburn Dale	Oneco	Tedder, Paul Matthew	Canal Point
Smith, Inez Lavinia	Hardeetown	Tenney, A. W.	Gainesville
Smith, James Emery	Cypress	Teston, Clarice	Bunnell
Smith, Margaret McMillan	Gainesville	Tharp, Mrs. Mamie L.	Tampa
Smith, Marian M.	Gainesville	Thomas, Mrs. Elizabeth H. W.	Palm Beach
Smith, Moering Wright	Parrish	Thomas, Harvey Lee	Brooksville
Smith, Myrtle Davis	Largo	Thomas, J. Harry Preston	Bostwick
Smith, M. Mac	Winter Park	Thomas, Mrs. J. Harry P.	Bostwick
Smith, Nellie J.	Summerfield	Thomas, Mrs. Jessie Turner W.	Palm Beach
Smith, Pearl Gertrude	Jacksonville	Thomas, Mrs. Lamirah Florence	Ft. Pierce
Smith, Ruth Elizabeth	Ft. Myers	Thomas, Margaret Omerea	Gainesville
Smith, Wilma	Orange	Thomas, Robert Y. H., Jr.	Jacksonville
Solomons, Mrs. Bama Louise	Perry	Thomas, Susie Mary	Gainesville
Sparkman, Mary Catherine	Plant City	Thomas, Mrs. Vera Mae	Center Hill
Sparks, Milbra A.	Aucilla	Thomasson, Clinton Marvin	Andalusia, Ala.
Spradley, James Edwin	Crestview	Thompson, Mrs. Hattie B.	Tampa
Stafford, Doris Isabel	St. Petersburg	Thompson, Henry S.	Kenansville
Stalker, Ethel Mae	Seffner	Thompson, Mrs. H. S.	Kenansville
Stallings, Anne H.	DeLand	Thompson, Laudious Lawrence	Panama City
Stalney, Lillie	Branford	Thornhill, Mary Jane	Eagle Lake
Standley, Graynella Ethel	Jacksonville	Tichenor, Obelia A.	Tampa
Stanfill, Maurice Edward	Lake Butler	Tiller, Laure Virginia	Kissimmee
Stanford, Bessie L.	Arcadia	Timmons, Mrs. Alma	Gainesville
Stanford, Miriam Olla	Ocoee	Tipton, Mary Lucelia	Tampa
Stapleton, Mrs. Gladys Emma	Tampa	Toole, Elizabeth Eleanor	St. Petersburg
Starke, Wilma	Bowling Green	Toole, Rex Foster	Cottondale
Stearns, George Leslie	Jacksonville	Touchton, May Lillie	Lake Park, Ga.
Stebbins, Mrs. Gladys Mae	Tampa	Touchton, Virginia Camilla	Valdosta, Ga.
Steen, Mittie C.	Saint Cloud	Towles, Mrs. Emma Pauline	Fulford
Steen, Vernon C.	Gainesville	Trappnell, Lota M.	Metter, Ga.
Steele, Mary S.	Kissimmee	Trappnell, Ouida	Metter, Ga.
Steele, Leola	Winter Park	Treadwell, Thomas Andrew	Aucilla
Steele, Mrs. Rea	Panama City	Trotman, Mrs. Rosemary W.	Zephyrhills
Steinmetz, Richard C.	Allentown, Pa.	Trotman, Warren Ellis	Zephyrhills
Stephens, Carl Wilson	Ona	Tulane, Lida	St. Petersburg
Stephens, Mrs. Elsie Grace	Bradenton	Turlington, Francis Wm.	Gainesville
Stephens, Eugene N.	Monticello	Turner, Mrs. Dorothy Scharf	St. Petersburg
Stephens, Mildred Emily	Lakeland	Turner, Ernest Pomeroy	Trenton
Stephenson, Ray W.	Gainesville	Turner, Francis Edwin S.	St. Petersburg
Stephenson, Mrs. Ray W.	Gainesville	Tyler, Dora J.	Newberry
Stevens, Wm. D.	So. Jacksonville	Tyler, Mrs. Julia C.	Jacksonville
Stevens, Wm. Garrett	Gainesville	Tyler, Mrs. Nora M.	Dunnellon
Stewart, Annie Belle	Tampa	Tyndall, Vivian Elizabeth	Winter Garden
Stewart, Mrs. Ella	Wildwood	Tyree, Mrs. Annie May	Tampashores
Stewart, Evelyn K.	Kissimmee		
Stewart, Mrs. Kathleen Rencher	Apopka	Upson, Ruth Newell	Jacksonville
Stewart, Robert Wilson	Leesburg	Usborne, Albert Frary	Albany, Ga.
Stokes, John P., Jr.	Miami		
Stone, M. L.	Blountstown	Vahey, Wilma Joy	New Port Richey
S. rahan, Mrs. Clyde Richards	Tampa	Van Antwerp, Mrs. Marie K.	Tampa
Strange, Lois	Dunnellon	Van Fleet, Mrs. Flossie S.	St. Petersburg
Stringer, Helen J.	Lakeland	Van Fleet, Ralph Bruce	St. Petersburg
Stringer, Orum Himes	Lakeland	Van Valkenburg, Mabel	Umatilla
Strother, Lydia	Orange Lake	Vassie, Marie Abigail	Mulberry
Stubbs, Lorraine	Claxton, Ga.	Vaughn, Lila Gray	Lake City
Suggs, Ola Mae	Lake Worth	Veber, Mrs. Iva C.	Coral Gables
Summerlin, Mildred Evelyn	Ft. Pierce	Von Harten, Lillie	Jacksonville
Summer, Mrs. Irene W.	Summerfield	Voorhees, Richard Kenneth	Cantonment
Summer, Robert Glen	Summerfield		

Name	Address	Name	Address
Wade, Eva Louise	Charlotte Harbor	Whitelaw, Ione	Floral City
Wadley, Etta	Tampa	Whittle, Clemmie Elizabeth	Clearwater
Wakefield, Homer E.	Madison	Whitton, H. A.	Ponce de Leon
Wakefield, John W.	Apalachicola	Wicker, Mrs. Emma D.	Coleman
Waldron, Bessie Lee	Chieffland	Wier, Sarah Lanier	Tampa
Waldron, Nellie Evelyn	Bradenton	Wiggins, Wilma LaForest	Plant City
Walker, Allen	Fort White	Wike, Rufus Long	Miami
Walker, Mrs. Herman	Bradenton	Wilby, Anne	Lake City
Walker, Ion Sessions	Tampa	Wilcox, Flora Belle	Avon Park
Walker, Solomon Lloyd	Perry	Wilder, Jennie B.	Knights
Walker, Thomas George	Everglades	Wilder, Maude	Gainesville
Walker, Mrs. Una	Fort White	Wilkins, James Alvin	Ft. Green
Wallace, Howard Keefer	St. Petersburg	Wiley, Ronald T.	Coral Gables
Wallace, Julian Howard	Gainesville	Williams, Alta Christine	Arcadia
Wallace, Mrs. Ruby Ware	Worthington	Williams, Angelo David	Gainesville
Walsingham, Gladys A.	Largo	Williams, Chas. A.	Miami
Walter, Flora Eveline	Orlando	Williams, Chas. M.	Trenton
Walters, Edna Marguerite	Vero Beach	Williams, Mrs. C. M.	Trenton
Walton, Peter Wyche	Sarasota	Williams, Hugh	Lee
Wamble, Minnie Lee	Estero	Williams, John Franklin, Jr.	Tallahassee
Wampler, Ruth T.	Hastings	Williams, John Wm.	Fairbanks
Ward, Annie Mae	Clearwater	Williams, Lera Marie	Perry
Warnock, Elizabeth Alice	Inverness	Williams, Loys Helga	Odessa
Warren, Frank Melton	Perry	Williams, Marie Amelia	Dunnellon
Warren, Lamar Gordon	Palatka	Williams, Mrs. Maxine F.	Gainesville
Warren, Richard	Gainesville	Williams, Mrs. Rosabelle	Dunnellon
Warriner, Mrs. Agnes P.	St. Petersburg	Williams, Thomas Harold	Lake City
Wasdin, John Alvin	Graham	Williams, Vera Anna	Jacksonville
Wasson, Mrs. Lacy Fenwick	Ocala	Willis, Claudelle	New Smyrna
Waters, May	Alachua	Willis, Mrs. Flora B.	Gainesville
Watkins, Jim	Gainesville	Willis, Katy	Largo
Watrous, Thos. M.	Tampa	Willis, Susie B.	New Smyrna
Watson, Clare John	Ft. Meade	Wilsey, Mrs. Jeannette	Miami
Watson, Mrs. Florence Hill	Tarpon Springs	Wilson, Bertha	Green Cove Springs
Watson, James Franklin	Milton	Wingert, Earl Perry	Gainesville
Watson, Lucy Agnes	Trenton	Winston, Frances	Gainesville
Watson, Mrs. Nannie	Coleman	Winter, Thurston P.	Oakland
Watson, Wilma Ruth	Gainesville	Wise, Anne	Tampa
Weaver, Mrs. Thelma McD.	Cottondale	Wisembaker, Clifford (Miss)	High Springs
Weaver, Wm. S.	Bristol	Wisembaker, Mae Belle	Valdosta, Ga.
Webb, Thomas Roba	Winter Garden	Witt, Myrtice Lenorah	Lake City
Welborn, Elizabeth Charles	Jacksonville	Witt, Otto Valentine	Lake City
Wells, Andrew J. G.	Crystal River	Wood, Harry Evins	Alachua
Wells, Bertha Alma	Waycross, Ga.	Wood, Myrtle Lee	Alachua
Wells, Idella Ellen	Crystal River	Woodard, Willie Mae	Gainesville
Wells, Mrs. Idella	Crystal River	Woodberry, Robert McTyer	Orlando
Wende, Agnes Carrie	Havana	Woods, Bertha J.	Bowling Green
Wentworth, Alton H.	Carbur	Woodwell, Ruth Adams	Madison
Wentworth, Mrs. Ethel H.	Shady Grove	Woolley, Florence	Live Oak
West, Grace Scott	Ocoee	Word, Frances	Shawmut, Ala.
Westbury, Harry E.	Gainesville	Wray, Irene	Haines City
Westbury, Smith David	Grover, S. C.	Wynn, Free Joyce	Hampton
Weston, Mary Elizabeth	Gainesville	Wyse, John Hope	Longwood
Wetmore, Mildred Jaunita	Lake Wales	Yarnall, Frank Dent	Winter Park
Whately, Mrs. Minnie W.	Clearwater	Yawn, Cecil P.	Graceville
Wheeler, Bureon Kylus	Montverde	Yeagle, Mrs. Mildred J.	Hallandale
Wheeler, Mrs. Isabel S.	Miami	Yongue, Ann Laura	Fairfield
Wheeler, Joseph Augustus	Miami	Yongue, Edna Elizabeth	Fairfield
Wheeler, Joseph Drew	Mico	Yongue, Mrs. Leila O.	Fairfield
Wheeler, Mrs. Nora	Jacksonville	Young, Catherine M.	Oviedo
Whidden, Asie Lamar	Wauchula	Young, Eddie Louis	Lake City
Whidden, J. Pauline	Ashburn, Ga.	Young, Ila Maxine	Oviedo
Whilden, Seta E.	Plant City	Zeder, H. Haild	Delray Beach
Whitaker, Mildred Rebecca	Ocoee	Zentgraf, Robert Louis	Gainesville
White, Paul E.	Sebring	Zimmerman, Mrs. Addie McCormick	Lakeland
White, Mrs. Rosa Belle	Ocoee	Zimmerman, Daniel Earl	St. Petersburg
White, Ruth	Gainesville	Zipperer, Penny Well	Madison
Whitehead, Mildred H.	Hollister	Zorn, Ruth Pauline	Ludowici, Ga.
Whitehead, Nora	Milton		
Whitehead, Ruth H.	Hollister		
Whitelaw, Dave	Floral City		

**GEOGRAPHIC DISTRIBUTION OF STUDENTS BY COUNTIES,  
STATES AND FOREIGN COUNTRIES  
UNIVERSITY OF FLORIDA  
1928-29**

<i>Counties:</i>		Santa Rosa .....	5
Alachua .....	275	Sarasota .....	18
Baker .....	2	Seminole .....	25
Bay .....	17	Sumter .....	9
Bradford .....	4	Suwanee .....	19
Brevard .....	34	Taylor .....	8
Broward .....	24	Union .....	2
Calhoun .....	10	Volusia .....	53
Charlotte .....	8	Wakulla .....	2
Citrus .....	14	Walton .....	16
Clay .....	6	Washington .....	6
Collier .....	3	<i>States:</i>	
Columbia .....	18	Alabama .....	8
Dade .....	158	Arkansas .....	2
DeSoto .....	14	California .....	2
Dixie .....	3	Colorado .....	1
Duval .....	226	Connecticut .....	1
Escambia .....	51	District of Columbia.....	1
Flagler .....	6	Florida .....	2121
Franklin .....	2	Georgia .....	20
Gadsden .....	22	Idaho .....	1
Gilchrist .....	3	Illinois .....	8
Gulf .....	4	Indiana .....	8
Hamilton .....	6	Iowa .....	2
Hardee .....	29	Kansas .....	2
Hendry .....	3	Kentucky .....	2
Hernando .....	5	Maine .....	2
Highlands .....	11	Maryland .....	2
Hillsborough .....	229	Massachusetts .....	2
Holmes .....	4	Michigan .....	3
Indian River .....	3	Minnesota .....	2
Jackson .....	26	Mississippi .....	3
Jefferson .....	13	Missouri .....	3
Lafayette .....	3	New Hampshire .....	2
Lake .....	55	New Jersey .....	4
Lee .....	12	New Mexico .....	1
Leon .....	35	New York .....	11
Levy .....	10	North Carolina .....	5
Liberty .....	3	North Dakota .....	2
Madison .....	14	Ohio .....	7
Manatee .....	45	Oklahoma .....	1
Marion .....	42	Pennsylvania .....	7
Martin .....	8	South Carolina .....	12
Monroe .....	16	Tennessee .....	6
Nassau .....	6	Texas .....	1
Okaloosa .....	15	Vermont .....	1
Okeechobee .....	5	Virginia .....	2
Orange .....	79	West Virginia .....	2
Osceola .....	22	Wisconsin .....	3
Palm Beach .....	45	<i>Foreign Countries:</i>	
Pasco .....	21	Canada .....	2
Pinellas .....	100	China .....	1
Polk .....	105	Brazil .....	2
Putnam .....	25	Cuba .....	1
St. Johns .....	41	Poland .....	1
St. Lucie .....	18		

# REPORT OF ENROLLMENT AT THE UNIVERSITY OF FLORIDA

## 1928-29

### COLLEGE OF ARTS AND SCIENCES:

Freshmen, A. B.....	88		
Freshmen, B. S.....	156		
Freshmen, Pre Med.....	73	317	
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Sophomore, A. B.....	94		
Sophomore, B. S.....	55		
Sophomore, Pre Med.....	46	195	
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Junior, A. B.....	35		
Junior, B. S.....	33	68	
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Senior, A. B.....	19		
Senior, B. S.....	18	37	617
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### COLLEGE OF COMMERCE AND JOURNALISM:

Freshmen, Bus. Adm.....	141		
Freshmen, Journ.....	18		
Freshmen, Soc. Adm.....	2	161	
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Sophomore, Bus. Adm.....	108		
Sophomore, Journ.....	12	120	
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Junior, Bus. Adm.....	63		
Junior, Journ.....	11		
Junior, Soc. Adm.....	1	75	
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Senior, Bus. Adm.....	29		
Senior, Journ.....	2	31	
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Special, Bus. Adm.....	10		
Special, Journ.....	3	13	400
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### COLLEGE OF ENGINEERING AND ARCHITECTURE:

(Engr.) Freshmen .....	101	101	
<hr/>			
Sophomore, Civil Engr.....	33		
Sophomore, Elec. Engr.....	32		
Sophomore, Mech. Engr.....	10		
Sophomore, Chem. Engr.....	9	84	
<hr/>			
Junior, Civil Engr.....	18		
Junior, Elec. Engr.....	26		
Junior, Mech. Engr.....	9		
Junior, Chem. Engr.....	6	59	
<hr/>			
Senior, Civil Engr.....	17		
Senior, Elec. Engr.....	7		
Senior, Mech. Engr.....	4		
Senior, Chem. Engr.....	2	30	
<hr/>			
Special Students.....	19	19	293
<hr/>			

## ENROLLMENT SUMMARY

(Arch.) Freshmen .....	18		
Sophomores .....	19		
Juniors .....	16		
Seniors .....	9		
Special Students.....	7	69	362
		<hr/>	
<b>TEACHERS COLLEGE:</b>			
Freshmen .....	176		
Sophomores .....	105		
Juniors .....	56		
Seniors .....	31		
Specials .....	10		378
		<hr/>	
<b>COLLEGE OF LAW:</b>			
First Year .....	112		
Third Year .....	76		
Fourth Year .....	82		
Graduates .....	1		
Specials .....	2		273
		<hr/>	
<b>COLLEGE OF AGRICULTURE:</b>			
Freshmen .....	60		
Sophomores .....	40		
Juniors .....	27		
Seniors .....	17		
Special Students .....	26		170
		<hr/>	
<b>GRADUATES:</b> .....	90		90
<b>COLLEGE OF PHARMACY:</b>			
Freshmen .....	29		
Sophomores .....	23		
Juniors .....	9		
Seniors .....	2		
Special Student.....	1		64
		<hr/>	
<b>TOTAL</b> .....			2354
Less duplicates:			
Double registrations .....	8		
Because of transfers from one college to another at beginning of second semester.....	76		84
		<hr/>	
<b>GRAND TOTAL</b> .....			2270

## COMPOSITE OF ALL COLLEGES

Freshmen .....	862
Sophomores .....	586
Juniors .....	310
Seniors .....	157
Special Students .....	76
Law Students .....	273
Graduates .....	90
	<hr/>
Total .....	2354
Less duplicates as above .....	84
	<hr/>
GRAND TOTAL REGULAR SESSION.....	2270

Women students (included in the above total)	
Graduates .....	2
Agriculture .....	3
Teachers .....	2
	<hr/>
	7

## SUMMARY OF ENTIRE YEAR

Regular Session 1928-29 .....	2354
Summer Session 1927 .....	1617
	<hr/>
Total Registrations .....	3971
Less all duplications .....	297
	<hr/>
GRAND TOTAL FOR YEAR.....	3674

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August 1929

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# University of Florida

GAINESVILLE, FLORIDA



## University Summer School

Co-Educational

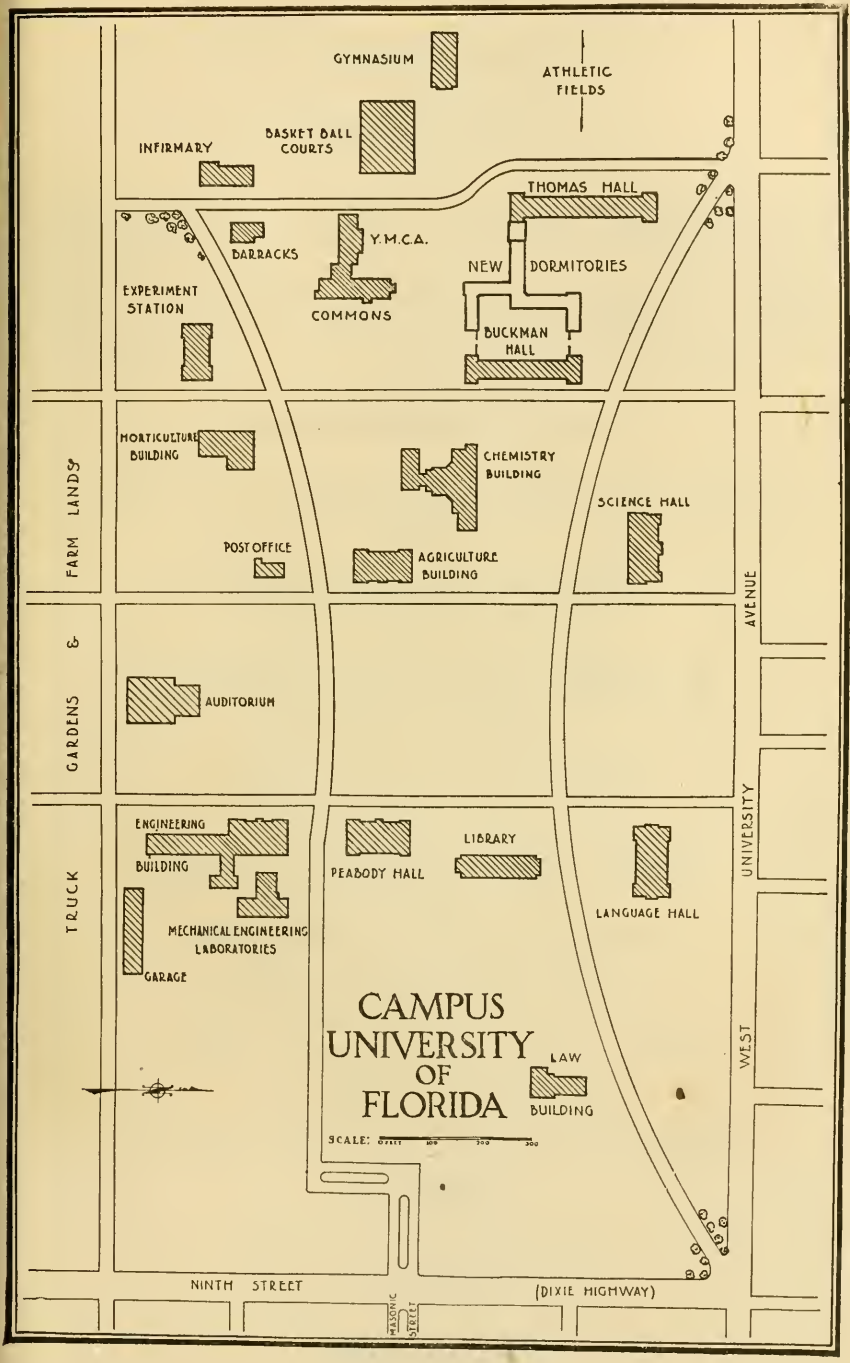
June 10 to August 3, 1929

Announcement



JOHN JAMES TIGERT, A.M. (OXON), D.Ed., Ph.D., LL.D.  
New President of the University of Florida





CAMPUS  
UNIVERSITY  
OF  
FLORIDA

SCALE: 0 100 200 300

ATHLETIC FIELDS  
GYMNASIUM  
BASKET BALL COURTS  
INFIRMARY  
THOMAS MALL  
NEW DORMITORIES  
BUCKMAN HALL  
Y.M.C.A.  
COMMONS  
BARRACKS  
EXPERIMENT STATION

HORTICULTURE BUILDING  
POST OFFICE  
AGRICULTURE BUILDING  
CHEMISTRY BUILDING  
SCIENCE HALL

AUDITORIUM

ENGINEERING BUILDING  
MECHANICAL ENGINEERING LABORATORIES  
GARAGE

PEABODY HALL  
LIBRARY

LANGUAGE HALL

LAW BUILDING

NINTH STREET

(DIXIE HIGHWAY)

UNIVERSITY AVENUE  
WEST

FARM LANDS

GARDENS &

TRUCK

WALKING STREET

# SUMMER SCHOOL

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## BOARD OF CONTROL

---

P. K. YONGE, <i>Chairman</i> .....	Pensacola
FRANK J. WIDEMAN.....	West Palm Beach
E. W. LANE.....	Jacksonville
GENERAL A. H. BLANDING.....	Tampa
JUDGE W. B. DAVIS.....	Perry
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SARAH PAYNE, A.M.  
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RUTH PEELER  
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CECIL GLENN PHIPPS, Ph.D.  
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*Biology*

NATHAN WILLARD SANBORN, M.D.  
*Poultry Husbandry*

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### 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.

The enactment of a uniform examination and certification law in 1893 forced teachers and aspirants to prepare themselves for the examinations. At first principals in the larger places held private schools with courses to the purpose. Necessarily the fees were low, the term short, the method intensive cramming, the venture precarious.

During this period, 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 centers most suitable, the terms being from four to six weeks, depending upon attendance. The private "teacher-training" schools continued, some even flourished for a season. Standards continued to be raised, however, and needs increased so rapidly that the State began to support more liberally summer schools, no longer conducted here and there, but at Tallahassee and Gainesville.

A steady growth of the University Summer School has resulted naturally from this putting of the training of teachers upon a more dignified and dependable basis. From an enrollment of 140 in 1913, the attendance increased to 1,686 last summer. There has been, of course, corresponding expansion in every phase and feature of the Summer School, as may be seen by a perusal of this Bulletin.

## GENERAL STATEMENT

The twentieth annual session of the Summer School of the University of Florida will open Monday, June 10 and close Friday, August 2, the session lasting eight weeks.

Summer study is growing in popularity all over the United States. Each year a greater majority of teachers are seeing the importance of summer study.

What is more, the Summer School, generally speaking, has come to be recognized as an annual event of real and increasing importance to higher education, and the University Summer School has accordingly, become an established feature of the work of the University of Florida. The cordial reception and generous commendations of the work of previous summer sessions encourages us to put forth still greater efforts to make the session of 1929 an improvement over all those that have preceded it.

**THE UNIVERSITY CITY.**—There are many features of the Summer School other than classroom work that will prove to be conducive to that larger life which should permeate all citizens, especially that of teachers. The advantages that Gainesville presents as the seat of the Summer School are numerous. It is centrally located and easy of access. It has well-paved, lighted and shaded streets, an exceptionally pure water supply, and a good sewerage system. The citizens are energetic, progressive, and hospitable.

**BUILDINGS AND EQUIPMENT.**—The entire equipment of the University is at the service of faculty and students. The buildings are for the most part magnificent three-story brick and stone structures. They are modern in every respect as to equipment and arrangements. They contain the kind of lecture rooms, laboratories and libraries that a modern college needs. Below under "Rooming Facilities" and "Expenses," attention is called to the accommodations in the dormitories and Commons.

**FOR WHOM THE SUMMER SCHOOL IS INTENDED.**—Work may be taken in the Summer Session for either undergraduate or graduate credit. A special effort is being made to offer teachers every opportunity for professional improvement and to help them to qualify for higher types of certificates and for

the extension of certificates. More specifically, the courses in the summer session are designed to meet the needs of the following persons:

1. Teachers who wish to increase their professional skill, to revise and extend their knowledge of a chosen field, or to qualify in new subjects, preparing to meet special demands in the profession of teaching.

2. School superintendents, principals, supervisors, and other officers. Teachers and supervisors of agricultural education, drawing and art, music, nursing education, physical education and coaching, and the usual academic subjects, will find work especially suited to their needs.

3. Teachers and prospective teachers who desire to secure a high grade teacher's certificate. Extensive opportunities are offered for the review of all subjects required in the state teachers' examinations.

4. Graduate students, especially in the field of Education, though graduate students may major in other departments of the University.

5. Undergraduate students, and especially those registered in the fall and spring semesters of the University. Such students may use to advantage a portion of the vacation period to take up studies which they are unable to include in their regular programs, or to make up deficiencies, or to shorten their courses.

6. High school graduates who are about to enter upon regular university courses and who desire to broaden their preparation for university work.

7. High school students who are not graduates. Such students are sometimes able to make up deficiencies in their high school work. It should be understood, however, that they must make arrangements with their high school principals for receiving credit for work covered. *The Summer School does not grant high school credit*, and in no case should high school principals grant more than a fourth of a year's credit for work covered in one Summer School.

Special arrangements may be made for college entrance examinations.

**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 420 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.

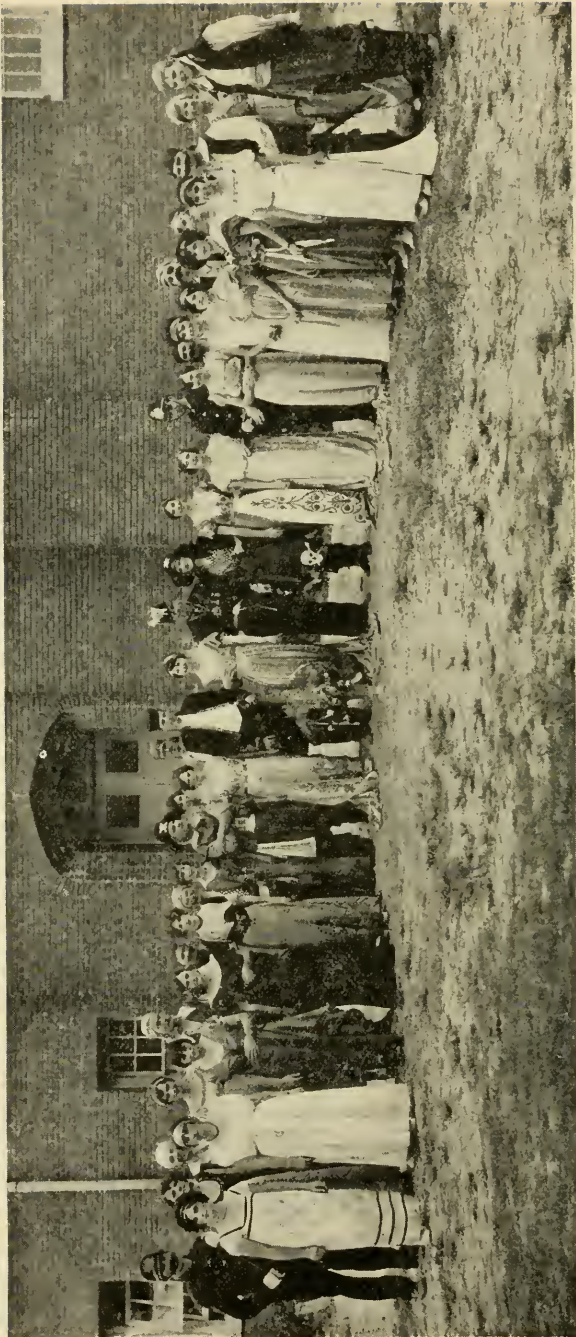
The Library now occupies the first part of the first unit of the Library Building. The main reading room is on the second floor and has a seating capacity of 336. The lighting is semi-indirect with approximately ten foot candle on the reading tables. The room is completely equipped with electric fans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

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.

**THE AUDITORIUM.**—This magnificent building is considered by many to be the most commodious structure of its kind on any campus in the South. The Anderson Memorial pipe organ is installed in this building. It is hoped that extensive use may be made of the organ during the Summer School. In addition to the organ, a Steinway concert grand piano has been placed in the auditorium. All of this makes it possible for all entertainments, plays and recitals to be held on the campus this summer.

**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



CAST OF "PIRATES OF PENZANCE"—COMIC OPERA PRESENTED BY SUMMER SCHOOL OF 1928

is being arranged. At least one entertainment of this character is planned for each week. At the close of the session, the Department of Music, featuring the pupils in Voice, the Glee Club and the Orchestra, 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 1928 was the production of Gilbert & Sullivan's comic opera, "The Pirates of Penzance," by students in the Voice Department and the Glee Club. The opera was produced under the able direction of Mrs. Alberta M. Worth, Head of the Voice Department, with the assistance of the Glee Club. It was elaborately staged, decorations and advertising being made by the Handwork classes and the classes in Art. The entire cast and chorus of fifty persons was beautifully costumed by Van Horn and Company of Philadelphia. No production has even been given in the University Auditorium which surpassed that of 1928 in beauty of detail and artistic presentation.

**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 welcome at every service. Transportation is provided for those students who will attend. Twice each week a devotional service is held 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". The entire student body is served through this organization. Offices are in the "Y" Building and the secretaries in charge may be found there.

The principal points in the program are: Operating the "Y" building as a home or club including piano, Edison, reading matter, including the best dailies and magazines, committee room, kitchenette, telephone for local and long distance calls, ice water and games.

Service is given through an Information and Lost and Found Bureau. A student directory is kept of all faculty and students enrolled in the Summer School. Lost and Found articles may be turned in and efforts made to locate the owners.

An effort will be made to serve the many visitors who come to the campus throughout the summer. Report at the "Y" and ask for your friend.

Hikes, picnics and other socials are promoted during the session.

**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 proven 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.

#### FACULTY ADVISERS

Members of the Summer School faculty will give every possible aid to students in helping them select their courses wisely. A wide variety of courses is offered so that each teacher may find that which he needs most. Any member of the faculty will gladly advise with students, but certain ones are designated to be of help to certain classes of students.

Professor B. A. Tolbert, Acting Dean of Teachers College, will advise with and register all teachers who wish to pursue courses in the Teachers College for college credit.

Professor W. A. Little will advise with all students who register for review courses and for extension of certificate.

Dean J. N. Anderson, Dean of the College of Arts and Sciences and Chairman of the Graduate Committee, will advise with and register all students in the Arts and Science College and all persons who are working on their master's degrees.

Dean H. R. Trusler, of the College of Law, will consult with all students who wish to pursue courses leading to degrees in Law.



Dean Walter J. Matherly will advise with all students pursuing courses in the College of Commerce and Journalism.

Major W. L. Floyd will advise with all students who desire credit for work done in the Agricultural College during the summer.

The heads of departments of the college should be consulted about all matters concerning the work of their respective divisions.

The Dean of Women and the Dean of Men 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 1929. 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 gymnasium, basketball court, the baseball grounds and tennis courts 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 on the course.

**THE GENERAL ASSEMBLY.**—All students and faculty members are expected to attend the General Assembly on

Tuesdays and Fridays at 10:00 o'clock. The Auditorium will seat about 1,800, and 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.**—The Peabody Literary Society meets weekly in the auditorium. Delightful and instructive programs are rendered at each meeting. All students of the Summer School are eligible for membership.

**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. The numerical grade which must be attained is based on all college work, wherever done, for which the student receives credit towards a degree.

**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.

Clubs are formed each summer from each county, and many interesting and delightful associations are formed among the students and the 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.

**THE SUMMER SCHOOL NEWS.**—The Summer School News is published by the students in cooperation with the Department of English and a committee from the faculty. Through its columns the more important news of the campus is disseminated. Every registered student is automatically a subscriber and entitled to every issue from the date of registration.

**DEMONSTRATION SCHOOL.**—As in the past three years it is planned to include a Demonstration School in the program of the University Summer School. This summer it will consist of four grades as follows: a kindergarten, a combined first and second grade, a combined third and fourth grade, and a fifth and sixth grade.

The very best teachers in the state for this work will be employed, in order that the children may be given the best 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 work in reading, history, arithmetic, geography and other school subjects.

The children who attended last year were delighted with the work. The fifth grade children were taught how to use the library for reference; they organized a club among themselves, carried on their own meetings and worked out a play which they presented at the close of the term. The smaller children delighted their mothers at the close with a puppet show.

We can take care of only a limited number of children, and if you wish to enroll your child this should be attended to at once. The term lasts for six weeks, beginning Monday, June 18. Daily sessions extend from 8:30 to 11:30. A fee of \$6.00 will be charged 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, except the vacation period immediately following the Summer School. Its duties are to assist students and graduates of the University to obtain positions in the teaching profession. From school officials it receives requests for teachers. From teachers it receives requests for information as to vacancies. 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 col-

lege-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.

The aggregate yearly salaries of all teachers who secured positions through the Bureau in a recent summer was in excess of \$324,675.00. Had the same positions been obtained through professional agencies, fees in excess of \$16,233.75 would have been collected from the teachers. As the Employment Bureau made no charges whatever, it is readily seen that no small amount was saved the teachers of the state.

Communications in regard to teaching positions should be addressed to Dean J. W. Norman, University of Florida, Gainesville, Florida.

**THE BULLETIN BOARDS.**—Read the bulletin boards daily. Students and faculty members will be responsible for all notices appearing on the Bulletin Boards and in the Daily Summer School Bulletin Sheet.

**REDUCED RAILROAD RATES.**—The Southeastern Passenger Association has authorized reduced rates on the round trip identification plan from all stations except stations on N. O. G. R., R. F. & P., and W.-S. S. B. railways. 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 Dean of the Summer School on application.

Tickets will be sold from June 6th to June 12th, inclusive, and the final limit of all tickets will be August 8th. 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 Dean of the Summer School.

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

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

#### COURSES IN ATHLETIC COACHING

The department of athletic coaching established as a part of the University Summer School, has proved one of the most successful departments in the session and has met a felt need among the teachers in the State. The chief purpose of the department is to meet a widespread demand for high school teachers who combine a knowledge of athletic coaching with their scholastic training. The department this year will be under the direction of Mr. C. W. Bachman, Coach of the University of Florida, with the assistance of Mr. A. N. Higgins, also of the University coaching staff. University gymnasium and equipment will be at the disposal of the students who register for this work.

#### LIBRARY SCIENCE

Libraries are more and more being regarded as educational institutions. Perhaps the most remarkable development in the field of modern secondary education is the rapid growth of the high school library in recent years. The administrative department and the library are the only two agencies in the high school that come in contact with all of the pupils. The school library is not, as many people think, a separate and independent organization in the school. It is a definite part of the school system and has something to contribute to all of the departments of the school.

The new Library Standards for Secondary Schools accredited by the Association of Colleges and Secondary Schools of the Southern States were adopted December 4, 1927. These Standards are to become effective at the beginning of the school year 1930-31. The demand for trained librarians is already greater than the supply. The question of where this additional training is to be given is a very important one. If given as summer school work in colleges and universities four summers will be required to meet type three in the Standards. The courses given must also follow the same requirements and give the same grade of work and the same amount of

credit as the established library schools is those taking the courses are to qualify for positions under the new Standards. For this reason the entrance requirements must be two years in an accredited college or the equivalent.

The cost of books will probably not exceed \$5.00. A fee of \$1.50 will be charged for Cataloging I and \$1.50 for Book Selection I. These fees will be used to help cover the expense of supplies and mimeographing.

#### MUSIC DEPARTMENT

The Department of Music has been much broadened for this summer. Besides the work in Public School Music and Glee Club, we are offering special opportunity for private lessons in voice, piano and organ under most excellent teachers. As a culmination to the work of the Department, at the close of the Summer School a presentation of some popular light opera will be given. It is especially desired that good voices, both male and female, will try out at the beginning of the session for parts in this opera.

Mrs. Alberta Murphree Worth will have charge of the Voice Department. Mrs. Worth received her musical training at the Peabody Conservatory of Music in Baltimore, where she held a scholarship in voice under Baron Berthold, later studying with eminent teachers of this country and abroad. She studied for two seasons with Conrad Murphree, of Tampa, Florida, who is one of the most prominent voice teachers of the south. Mrs. Worth has had wide success as a teacher and concert artist, and the University is fortunate in having her this year for the fifth summer. The Department will offer two scholarships in voice this summer, one full scholarship paying tuition for two lessons per week for eight weeks, value \$25.00, and one partial scholarship paying tuition for one lesson per week, value \$12.50, the student to pay for one lesson per week. These scholarships will be awarded by competitive examination which will be held in the Auditorium immediately following the first Assembly period.

Mr. Claude Murphree, University organist, will give private lessons in organ by special arrangement.

## 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. There is no charge for tuition and fees are very low. The combined cost for a room on the campus and meals in the Commons is only \$40.00 for the session. The cost of meals alone is \$32.00 for the session. 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:

	High	Low
Tuition .....	\$00.00	\$00.00
Registration fee, residents of Florida.....	15.00	15.00
Registration fee, non-residents of Florida.....	17.50	17.50
Board and Lodging in Dormitory:		
In advance for the half term.....	21.00	21.00
In advance for the term.....	40.00	40.00
Board in Dormitory without lodging:		
In advance for the term.....	32.00	32.00
In advance for the half term.....	17.00	17.00
Board for children under eight:		
In advance for the term.....	16.00	16.00
In advance for the half term.....	9.00	9.00
<i>Fees and Special Tuition:</i>		
Fine Arts Courses per semester hour.....	4.00	4.00
Biology laboratory fee .....	5.00	5.00
Business Administration 211-212, per semester hour .....	1.00	1.00
Chemistry laboratory fee .....	5.00	5.00
Demonstration School fee .....	6.00	6.00
Kindergarten fee .....	9.00	9.00
Drawing fee (for materials used).....	1.00	1.00
General Natural Science fee.....	3.00	3.00
Glee Club (music scores) .....	1.00	1.00

Library Science: Cataloging I fee .....	1.50	1.50
Book Selection I fee.....	1.50	1.50
Physical Education and Coaching fee.....	.50	.50
Physics laboratory fee .....	2.50	2.50
Primary Handwork fee (for materials used)....	1.00	1.00
Tests and Measurements fee .....	1.50	1.50
Voice tuition per term (2 lessons per week).....	25.00	25.00
Voice tuition per term (1 lesson per week).....	16.00	16.00

*Personal expenses:*

Books .....	8.00	3.00
Incidentals .....	16.00	8.00
Laundry .....	12.00	4.00

For students living off the campus, the estimated expense is the same except that room and board will be somewhat higher. However, good rooms adjacent to the campus can be obtained at from \$6.00 to \$12.00 a month per student, and board off the campus will cost about \$7.00 a week. (See pp. 82-84.)

Only students will be admitted to the dormitories, but children may take meals with their parents in the Commons at the rates given in the above list. All accounts are payable in advance.

**MONEY.**—1. Students may deposit their money with the Auditor 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.

*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.

WHAT TO BRING.—All dormitory rooms are comfortably furnished with single iron bedsteads and mattresses, chiffonier or bureau, a table, washstand and chairs. All students are required to provide for themselves a pillow, bed linen, towels, and other things as they may want for their own special comfort and convenience. Dormitory rooms may be reserved at any time, and the deposit of \$5.00 is payable by each student reserving dormitory space. This must be in hand before May 1st, or reservations made prior to that time will be cancelled and given to later applicants.

Students who prefer to room off the campus, may secure good rooms and board at a reasonable rate. Only women students may be admitted to the dormitories. Married couples will not be permitted to room on the campus.

TEXTBOOKS.—The University maintains a depository for the convenience of students where all necessary books may be had at list prices. Students may well bring English dictionaries and other useful books of reference. Those studying courses for intermediate or grammar grade teachers should bring copies of the State-adopted supplementary texts in the subjects to be studied. All teachers should be supplied with copies of the Florida State Course of Study. These may be secured from the Pepper Printing Co., Gainesville, Florida.

Students in Education courses should bring with them professional books and textbooks related to the courses they plan to take.

SCHOLARSHIPS.—*County and Senatorial Scholarships.*—At the meeting of the Legislature in 1923, a scholarship law was passed providing for two scholarships from each county in the State, one to the Teachers College of the University of Florida, and one to the School of Education at the State College for Women. At the 1927 session of the Legislature, this Act was amended to provide as many scholarships as there are legislators and senators. Each of these scholarships may be held for four years by the successful applicant

and carries a stipend of \$200.00 per year. These scholarships may be applied for Summer School, paying \$50.00 per summer to regularly enrolled Teachers College students. Examinations are held in each county on the first Thursday in June and third Thursday in September under the supervision of the county superintendent. A student to be considered as an applicant for a scholarship must present sixteen college entrance units. These scholarships are awarded upon competitive examinations to persons satisfying the entrance requirements of the University of Florida and of the Florida State College for Women. A student who desires to be considered as an applicant for a scholarship should make his desire known to his county superintendent before the first of May of each year. He should also write to the State Superintendent of Public Instruction at Tallahassee, telling him of his application for the scholarship.

VOICE SCHOLARSHIPS.—Two scholarships in Voice will be offered by competitive examination. See Music Department, p. 24.

LOAN FUNDS.—On June 27, 1927, the "Florida State Scholarship Fund" was approved and established by the Student Council of the University of Florida Summer School, and on August 2, 1927, the "College Girls Club Scholarship Loan Fund" was approved and established by the College Girls Club of the University of Florida Summer School. In order to be eligible to share in these funds, the following regulations must be adhered to:

- (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 must apply for Scholarship Loan at least two weeks before opening of the Summer School.
- (5) Application must be made direct to Dean of 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.

**ADMISSION TO SUMMER SCHOOL.**—Graduates of Senior High Schools who can offer sixteen entrance units, including three (3) of English, two (2) of mathematics, one (1) of history and one (1) of Science, are admitted to the Freshman year of the Collegiate course.

Students under 21 years of age who register for college courses must present their high school credits to the Entrance Committee at time of registration.

Students are urged to pursue courses leading to a degree and to have themselves classified when they register. To facilitate proper classification, all students are requested to bring with them a certified transcript of the work they have completed in high school or in other colleges. Blanks conveniently arranged for this data will be sent to prospective students upon application.

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 be admitted as "adult specials."

No one under sixteen years of age will be admitted unless he is a graduate of a senior high school.

There are no academic requirements for admission for those who register merely for review courses.

**ADMISSION TO LAW COLLEGE.**—Students already admitted to the College of Law and those presenting sixty-eight (68) semester hours of academic college work acceptable for a degree, are eligible to attend. Those taking law for the first time should present certificates showing the completion of the above work. See p. 68 for description of courses in Law to be offered in the Summer School.

**ENTRANCE EXAMINATIONS.**—For the large number of summer school students who have not finished high school and, hence, do not have sufficient entrance units to enable them to

enter the Freshman class, but yet are mature enough to profit by regular college work, entrance examinations will be arranged. All students should file with the Dean of the Summer School not later than May 20th petitions for examinations in each subject in which they wish to be examined.

ADMISSION TO ADVANCED STANDING.—Office hours will be held daily by the Committee on Advanced Standing in Room 105E, Language Hall, to evaluate the credits of those students who have attended other colleges and universities and who wish to receive advanced standing at the University of Florida. This office will, however, not be open after Saturday, July 27, as this Committee will have other duties during the last week of the Summer School. Students are, therefore, cautioned not to delay attention to this important matter later than this date.

### DEGREES IN TEACHERS COLLEGE

DEGREES.—Courses are offered in Teachers College leading to the degrees of Bachelor of Arts in Education, Bachelor of Science in Education, and Bachelor of Science in Agricultural Education. In addition to these degrees, the Normal Diploma, sometimes called the L. I. degree, is granted to those students who have finished the second year's work in Teachers College. There is considerable agitation in the United States at present to make two years of training beyond the high school a minimum requirement for teaching even in the elementary schools. All students are therefore urged by all means to complete the requirements which are necessary to receive the Normal Diploma. Students who expect to teach in high school should possess a Bachelor's Degree.

CURRICULA.—On December 14, 1927, the Teachers College Faculty adopted four curricula for students in the Summer School, leading to the Normal Diploma and the bachelor's degrees.

1. A curriculum leading to the Normal Diploma and bachelor's degree for those who expect to teach in the primary grades. (See p. 32 for detailed curriculum.)

2. A curriculum leading to the Normal Diploma and bachelor's degree for those who expect to teach in the intermediate grades. (See p. 33 for detailed curriculum.)

3. A curriculum leading to the Normal Diploma and bachelor's degree for those who expect to teach in the Junior High School. (See p. 34 for detailed curriculum.)

4. A curriculum leading to the Normal Diploma and bachelor's degree for those who expect to teach in the Senior High School. (See p. 35 for detailed curriculum.)

5. On May 7, 1928, an alternate curriculum leading to Bachelor of Science in Education was adopted. This curriculum is particularly designed for those who are specializing in Physical Education and Coaching. (See General Catalog for detailed curriculum.)

GROUP REQUIREMENTS.—Each student in the Freshman year must select two of the six groups of studies as given on p. 36. In order to receive the Bachelor of Science in Education, the student must select and complete the required courses in Group E. It is recommended that Group D (Mathematics) be selected by these students for their second group.

REQUIREMENTS FOR THE BACHELOR'S DEGREES.—The following curriculum has been designed to meet the requirements for the degrees of Bachelor of Arts in Education and Bachelor of Science in Education. (For the requirements for the Bachelor of Science in Agricultural Education degree, see General Catalog of the University.)

## CURRICULA

Curriculum Leading to Normal Diploma and Bachelor's Degree for Those Who Expect to Teach in the Primary Grades

FRESHMAN YEAR		JUNIOR YEAR	
*Physical Education 101-102	1 1	Education 308 .....	0 3
†Military Science 101-102...	2 2	Education 317 .....	3 0
English 101-102 .....	3 3	Continue two Groups	6 6
‡General Natural Science....	4 4	(See p. 36)	
‡‡General Social Science ....	2 2	Electives .....	6 6
Education 101 .....	3 0		
Education 122 .....	0 3		15 15
Begin one Group (see p. 36)	3 3		
	— —		
	18 18		
SOPHOMORE YEAR		SENIOR YEAR	
*Physical Educ. 201-202.....	1 1	Education 403 .....	3 0
††Military Science 201-202..	2 2	Education 405 .....	0 3
English 201-202 .....	3 3	Finish two Groups .....	6 6
Education 121 .....	3 0	(See p. 36)	
Education 207 .....	0 3	Electives .....	6 6
Education 203 .....	3 0		15 15
**Philosophy 201 .....	0 3		
Courses in two Groups.....	6 6		
(See p. 36)			
	— —		
	18 18		

\*Instead of Physical Education, women students may take Health Work (Education 103), which includes plays and games.

†Women students must take an equal number of credit hours in Drawing and Industrial Arts, or Education 123, for Military Science 101-102.

††Women students must take an equal number of hours in Public School Music.

\*\*Students who expect to take the Normal Diploma must take Education 405 instead of Philosophy 201, in which case they must take Philosophy 201 in Junior Year.

‡Students who elect Group E are not required to take General Natural Science.

‡‡Students who elect Group F are not required to take General Social Science.

Curriculum Leading to Normal Diploma and Bachelor's Degree for Those Who Expect to Teach in the Intermediate Grades

FRESHMAN YEAR

*Physical Education 101-102	1	1
†Military Science 101-102	2	2
English 101-102	3	3
‡General Natural Science	4	4
‡‡General Social Science	2	2
Education 101	3	0
Education 122	0	3
Begin one group	3	3
(See p. 36)	—	—
	18	18

JUNIOR YEAR

Education 317	3	0
Education 308	0	3
Complete two Groups	6	6
(See p. 36)		
Electives	6	6
	15	15

SENIOR YEAR

Education 403	3	0
Education 405	0	3
Complete two Groups	6	6
(See p. 36)		
Electives	6	6
	15	15

SOPHOMORE YEAR

*Physical Education 201-202	1	1
††Military Science 201-202	2	2
English 201-202	3	3
Education 203	3	0
Education 207	0	3
**Philosophy 201	3	0
Two Groups (see p. 36)	6	6
Education 121	0	3
	18	18

\*Instead of Physical Education, women students may take Health Work, which includes plays and games.

†Women students must take an equal number of credit hours in Drawing and Industrial Arts, or Education 123, for Military Science 101-102.

††Women students must take an equal number of hours in Public School Music.

\*\*Students who expect to take the Normal Diploma must take Education 405 instead of Philosophy 201, in which case they must take Philosophy 201 in Junior Year.

‡Students who elect Group E are not required to take General Natural Science.

‡‡Students who elect Group F are not required to take General Social Science.

## Curriculum Leading to Normal Diploma and Bachelor's Degree for Those Who Expect to Teach in the Junior High School

FRESHMAN YEAR				JUNIOR YEAR			
Physical Education 101-102..	1	1	Education 301 .....	3	0		
Military Science 101-102.....	2	2	Education 408 .....	0	3		
Education 101-102 .....	3	3	Two Groups (see p. 36).....	6	6		
English 101-102 .....	3	3	Electives .....	6	6		
‡General Natural Science....	4	4					
‡‡General Social Science.....	2	2				15	15
Begin one Group (see p. 36)	3	3					
	—	—					
	19	19					
SOPHOMORE YEAR				SENIOR YEAR			
Physical Education 201-202..	1	1	Education 403 .....	3	0		
Military Science 201-202.....	2	2	Education 405 .....	0	3		
Education 203 .....	3	0	Education 401 .....	3	0		
Philosophy 201 .....	3	0	Complete two Groups .....	6	6		
Education 207 .....	0	3	(See p. 36)				
English 201-202 .....	3	3	Electives .....	3	6		
Education (this must be 405 if student expects Normal Diploma) .....	0	3				15	15
Continue Group elected 1st year .....	3	3					
Begin second Group .....	3	3					
(See p. 36)							
	—	—					
	18	18					

‡Students who elect Group E are not required to take General Natural Science.

‡‡Students who elect Group F are not required to take General Social Science.

NOTE: Students who expect to be recommended as principals must take Education 308.



Curriculum Leading to Normal Diploma and Bachelor's Degree for Those Who Expect to Teach in the Senior High School

FRESHMAN YEAR

Physical Education 101-102	1	1
Military Science 101-102	2	2
‡General Natural Science	4	4
‡‡General Social Science	2	2
English 101-102	3	3
Education 101-102	3	3
Begin one Group	3	3
(See p. 36)		
	—	—
	18	18

SOPHOMORE YEAR

Physical Education 201-202	1	1
Military Science 201-202	2	2
Education 203	3	0
Philosophy 201	3	0
Education 207	0	3
Education	0	3
English 201-202	3	3
Two Groups (see p. 36)	6	6
	—	—
	18	18

JUNIOR YEAR

Education 301	3	0
Education 408	0	3
Two Groups (see p. 36)	6	6
Electives	6	6
	—	—
	15	15

SENIOR YEAR

Education 401	3	0
Education 403	3	0
Education 405	0	3
Two Groups (see p. 36)	6	6
Electives	3	6
	—	—
	15	15

‡Students who elect Group E are not required to take General Natural Science.

‡‡Students who elect Group F are not required to take General Social Science.

NOTE: Students who expect to be recommended as principals must take Education 308.

## GROUPS

Each student must select two of the following groups of studies and complete the required courses in those two groups. For the Bachelor of Science in Education degree, Group E must be selected and completed.

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 } Hist. 301-302 } Hist. 303-304 } 36 Sociology, 6 } sem. hrs. } 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 }		

## REGULATIONS:

1. A total of 132 semester-hours is required for graduation.

2. In case a student is exempt from Military Science 101-102 and 201-202, he must substitute an equal number of hours from other departments.

REQUIREMENTS FOR THE NORMAL DIPLOMA. — A student who finishes the first two years of any one of the foregoing curricula may receive the Normal Diploma (sometimes called

the L. I. Degree), except that Education 405 must be taken before completing this work.

#### DEGREES FROM OTHER COLLEGES

For a description of the courses leading to degrees in all the other colleges on the campus, see the General Catalog of the University, or write to the Dean of the College in which you are interested.

#### OPPORTUNITIES FOR GRADUATE STUDY

As stated above, any course that is numbered above 300 may be counted as a minor subject. Any course that is numbered above 500 may be counted as a major. 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 10th. These blanks may be secured at the time of registration from Dean J. N. Anderson, Chairman of the Committee on Graduate Studies.

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. 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.

5. All students who hold the bachelor's degree are urged to register for Education 527.

6. Passing grade for graduate students is B.

**RESIDENCE REQUIREMENT.**—In order to receive a degree, or Normal Diploma, from Teachers College, students must have spent at least one scholastic year in residence (three summer schools may be considered equivalent to a year in residence), and must have completed thirty (30) semester hours of college work in residence. In the case of candidates for the Normal Diploma twenty-seven (27) semester hours in residence will satisfy this requirement. These hours in residence, except in one condition, must be the last which one takes immediately prior to graduation. The exception is the case of students who take their degrees by attendance at the Summer School, in which case twelve (12), but never more, semester-hours of work by correspondence may be taken during the ten (10) months just prior to the Summer Session in which the degree is received. In every case, students must have completed thirty (30) semester-hours of work in residence and must have been in attendance at the summer session or scholastic term immediately prior to the reception of a degree.

**AMOUNT OF CORRESPONDENCE WORK PERMITTED.**—Students are not permitted to complete more than fifty per cent (50%) of the work toward a degree by correspondence.

Correspondence study courses may not at any time be offered to satisfy the residence requirements.

Students will not be permitted to take work by correspondence while they are in residence without the consent of the Dean of Teachers College.

### CREDIT

**SUMMER SCHOOL CREDIT.**—The schedule of classes has been so arranged that a full semester's work may be completed in each course. The student will find the amount of credit which will be given for each course in the description of the various courses.

No high school credit is given, but students taking work of pre-college rank may arrange for entrance examinations in these subjects, if they wish to enter the University.

### MAXIMUM AND MINIMUM HOURS

I. FOR COLLEGE STUDENTS.—Without special permission of the Teachers College Faculty, college students must take courses aggregating as many as 7 semester hours, but not more than 9 semester hours credit. Under some circumstances, students may petition the faculty to waive the above regulation. The following regulation governs such cases:

1. Students must first petition the Teachers College Faculty for permission to register for more than the usual amount of work, presenting this petition to the Dean of the Summer School.

2. Before being allowed to register for more than 9 semester hours credit, the student must show that he has attained an average of B in the term or Summer School immediately preceding, in which case he may be permitted to take 11 semester hours credit. In like manner, the student must show an average of A before he will be permitted to take as much as 12 semester hours credit. The faculty reserves the right to reduce the amount of credit received to 9 semester hours even if the subjects should be passed, unless the same high averages, respectively, are maintained.

3. Those who wish more than the required amount of work must have a thorough physical examination by the University physician.

4. Students will not be permitted to register for more than the usual number of hours until their petitions have been granted.

5. On account of the large number of regularly registered students in the classes, it has been found necessary to discourage visiting. Therefore, the faculty has ruled that students wishing to attend classes as visitors may be admitted only upon the presentation of a permission card issued by the Dean.

II. FOR STUDENTS IN REVIEW COURSES PREPARATORY TO THE TEACHERS EXAMINATIONS.—Students preparing for the

First Grade Certificate may register for Advanced Algebra, General Biology, Elementary Psychology, Rhetoric and General History, an aggregate of 25 hours.

Students preparing for the Second Grade Certificate may register for Elementary Agriculture, Civics, First Year Algebra, Arithmetic, Elementary United States History, and seven hours of electives, an aggregate of 25 hours.

Students preparing for the Third Grade Certificate may register for Spelling, Constitution of the United States, Arithmetic, Grammar, Composition, Geography, Elementary United States History and Education 101, an aggregate of 27 hours.

### CERTIFICATES

GRADUATE STATE CERTIFICATES.—Graduates of the Teachers College are granted Graduate State Certificates without further examination, provided that one-fifth of their work has been devoted to professional training and provided that they have the recommendation of the Teachers College faculty. 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 before a certificate to teach that subject will be granted. Applicants for the Graduate State Certificate must apply to Supt. W. S. Cawthon, Tallahassee, for application blanks.

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."

*Requirements for Other Teachers' Certificates.*—The following are the subjects in which applicants for Third Grade Certificates will be examined: Orthography, reading, arithmetic, English Grammar, composition, geography, United States history, including the Constitution of the United States, physiology and theory and practice of teaching.

Applicants for Second Grade Certificates will be examined in the subjects prescribed for the Third Grade Certificate, and in Agriculture, Civil Government, and Algebra to Quadratics. "Applicants for Second Grade Certificates who submit unexpired Third Grade Certificates as parts of their examinations may be exempt from tests on Orthography, reading and physiology."

In addition to the subjects prescribed for the Second Grade Certificate, applicants for First Grade Certificates must be examined in Algebra, quadratics and beyond, Biology, Psychology, General History and Rhetoric, and by submitting an unexpired Second Grade Certificate may be exempt from all subjects covered by that certificate, provided the grades attained on the Second Grade Certificate are equal to those required for the First Grade 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 (but not in Pedagogy) 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. Students who desire an extension of a third grade certificate may not register for orthography, arithmetic, English grammar, English composition, geography, United States history, and physiology.

4. Students who desire an extension of a second grade certificate may not register in the subjects enumerated in the preceding paragraph, or in agriculture, civics and first year algebra.

5. Students who desire extension of a first grade certificate may not register in the subjects enumerated in the preceding two paragraphs or for second year algebra, biology, elementary psychology, general history and rhetoric.

6. No applicant for extension shall take less than 15 hours per week without special permission, and at least 10 hours of this amount shall be in courses not covered by the certificate held, or by courses previously taken.

7. No student will be granted an extension of certificate who does not apply for the same on the student REGISTRATION CARD. A list of those who have applied will be posted on the Bulletin Board in Peabody Hall not later than July 1 for correction, and no student will be recommended for extension of certificate whose name does not appear on this list by August 1. Students should register under exactly the same name that appears on the certificate which they wish to have extended.

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

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

10. Certificates to be extended must be sent by Registered mail to W. S. Cawthon, State Superintendent of Public Instruction, at Tallahassee, Florida, immediately after the Summer Session. Those who expect to take the state examinations immediately after the Summer School, however, should retain their certificates until they have adjusted their exemptions with the county superintendent. They should then send their certificates as directed above. This must be done as soon as possible, as there is a time limit and delay may cause the student to lose the extension.

The Summer School faculty will not recommend students for extension of certificate for repeating courses which they have taken in previous summer sessions, or those who are not pursuing courses in order to raise the grade of certificate already held. At the end of the term the faculty will recommend for extension those that meet the above conditions.

### GENERAL DIRECTIONS FOR REGISTRATION

Please stop, look, listen, and observe the following directions! It will be a great time-saver to you and your instructors if you will read and understand these directions before you come to register.



1. Get your registration right the first time. Remember the proverb, "Haste makes waste." More than 500 students every year find it necessary to re-register. Don't hurry. Be accurate. Make up your mind to take not less than one nor more than three hours in registering.

2. Study the registration blanks.

3. Fill out the REGISTRATION CARDS II and III in complete detail DOWN TO the word "COURSES." Answer every question if possible.

4. Study the Bulletin and the daily program until you know or at least think you know, what subjects you desire to study. See that there are no conflicts in your class hours.

5. Consult freely with members of the faculty about your schedule.

6. Students who are taking courses that require observation in the Demonstration School should reserve some time for this purpose between 8:30 and 11:30 A. M.

7. After you have decided which subjects you expect to take, list them on REGISTRATION CARD No. I under the words "TRIAL COURSES."

8. Do not register for more than 9 semester hours college credit.

9. Have this trial study list approved by the Dean of the college in which you are registering—Teachers, Arts and Science, Commerce and Journalism, Agriculture, etc.

10. You are now ready to fill out the INSTRUCTOR'S COURSE CARDS. Make out one of these cards for each subject you are taking. For instance, if you are taking three subjects, you will need three Course Cards, four subjects, four cards, etc.

11. Secure the signature on your REGISTRATION CARD of each of your instructors and leave with him the INSTRUCTOR'S COURSE CARD made out for the subject which he teaches.

12. Be sure you have your registration as you want it. Do not change courses unnecessarily.

13. When your trial courses are approved by the Dean and ALL your instructors, fill in the bottoms of cards II and III and card IV EXACTLY in same order and spaces as on card I.

14. An extra fee of one dollar will be charged for any change in registration after Friday of the first week. Drop-

ping a course, adding a course, or exchanging one course for another, each constitutes a change.

15. Graduate students register with the Chairman of the Graduate Committee in Language Hall.

WHEN AND WHERE TO REGISTER.—Students who live in or near Gainesville should register on Friday or Saturday, June 7th and 8th, in the Dean's office in Peabody Hall. Those who can reach Gainesville on the morning trains on Monday, June 10th, should register on that day to relieve the congestion on Tuesday, June 11th. All others should register on Tuesday, June 11th. No effort will be made to meet trains or to transfer trunks on Sunday. In fact, students are urged not to arrive on Sunday, as the dormitory rooms will not be open until Monday.

# UNIVERSITY OF FLORIDA SUMMER SCHOOL REGISTRATION CARD

June.....

1929.

This card for Male Students only

Mr.

Last name

First name

Middle Name

Home Address: P. O.

County

State

Your Age?

Are You Married?

What college degree do you hold?

Do you intend to teach?

Total number of months already taught

What Certificate do you hold?

Do you desire extension of Certificate?

In case of illness or accident, whom shall we notify?

Address of this person

Is this person your parent or guardian?

Where should telegrams be delivered, i. e.  
Your rooming address while in Gainesville.

In which College are  
you registered?

What church do you care to attend?

(See back of this card for further instructions.)

## COURSES

Subject	Course No.	Sec.	Time	Class Room	Instructor	Grade
1	.....	.....	.....	.....	.....	.....
2	.....	.....	.....	.....	.....	.....
3	.....	.....	.....	.....	.....	.....
4	.....	.....	.....	.....	.....	.....
	5	.....	.....	.....	.....	.....
	6	.....	.....	.....	.....	.....
	7	.....	.....	.....	.....	.....
	8	.....	.....	.....	.....	.....

**INSTRUCTOR'S COURSE CARD**

This card for Male Students only  
Surname First Name

Middle Name

NAME OF STUDENT ..... 1929.  
June.....

SUBJECT	Course No.	Sec.	Hr. of Rec'n	CLASSROOM	INSTRUCTOR			
Students fill in only above and to right of heavy line								
1	2	3	4	5	6	7	8	Do you desire Extension of Certificate? .....
Monday								
Tuesday								
Wednesday								
Thursday								
Friday								
Saturday								
				Final Gr.....	Days Present.....	Instructor.....		

Note: The registration cards for women are exactly the same as those for men except in color.

## 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

**ELEMENTARY AGRICULTURE.**—A general course in agriculture.—This will introduce the student to the study of soils, plants, common diseases of plants, insects, farm crops, domestic animals and the like. Methods of teaching agriculture in rural schools will be stressed. Review. Extension credit only. M. Th. 10:00 A. 106 (13). Mr. Ritchey.

**AGRONOMY 301.**—Soils.—The nature and properties of the soil as related to fertility and crop production. (Prerequisite Chemistry 101-102.) 5 semester hours credit. Daily 11:00; Lab. M. W. 1:00-5.00. A. 106 (13). Mr. Ritchey.

**ANIMAL HUSBANDRY 305.**—Animal Nutrition.—Feeds, feeding and management of farm live stock. (Prerequisites Animal Husbandry 101, 201.) 2 semester hours credit. M. T. Th. F. 9:00. A. 103 (17). Mr. Martin.

**DAIRYING 305.**—Advanced Dairy Farming.—Testing milk products, butter, ice cream, and cheese making; selection, feeding and management of a dairy herd; herd and advanced registry testing. 3 semester hours credit. M. W. Th. S. 10:00; Lab. T. Th. 1:00-3:00. A. 103 (17). Mr. Martin.

**HORTICULTURE 305.**—Citrus Culture.—The citrus grove; site and soil selection; preparation, planting and management; selection of varieties and stocks, and the use of cover crops. (Prerequisite Horticulture 202.) 3 semester hours credit. M. W. Th. F. 8:00. Lab. T. 1:00-5:00. A. 205. Mr. Lord.

**HORTICULTURE 308.**—Deciduous Fruits.—Peaches, pears, grapes, pecans, and other deciduous fruits with special reference to Florida conditions, culture, varieties, insects, diseases,

etc. (Prerequisites: Horticulture 101, 102.) 3 semester hours credit. M. W. Th. F. 9:00. Lab. Th. 1:00-5:00. A. 205. Mr. Lord.

POULTRY HUSBANDRY 202.—Farm Poultry.—Poultry as a modest sideline on the farm. Breeds and varieties; location and construction of buildings, feeding and management; incubation, breeding, rearing, care of adult birds on the farm. 1½ semester hours credit. M. W. 12:00. Lab. F. 1:00-3:00. H. 205. Mr. Sanborn.

POULTRY HUSBANDRY 302.—Commercial Poultry Keeping.—Incubation, breeding, rearing, spring and summer work, culling, farm grown feeds and pastures, marketing. 3 semester hours credit. M. W. Th. S. 10:00. Lab. T. Th. 1:00-3:00. H. 205. Mr. Sanborn.

### BIOLOGY

GENERAL BIOLOGY.—General introduction to the structure and classification with special reference to the flowering plants, the insects and vertebrates. Designed to prepare for state examinations. Three recitations and three laboratory periods per week. No credit but arrangements may be made for a college entrance examination. M. W. Th. 10:00. S. 111. Laboratory M. T. F. 3:00-5:00. Mr. Sherman.

BIOLOGY 101.—Principles of Animal Biology.—An introduction to the subject matter and principles of zoology. 5 semester hours credit. Daily 8:00 S. 101. Laboratory to be arranged. Mr. Rogers.

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

BIOLOGY 106.—Genetics and Evolution.—An introduction to the study of variation, selection, and inheritance in animals. 3 semester hours credit. Daily 11:00. S. 101. Mr. Rogers.

### BUSINESS ADMINISTRATION

(See Economics)

## 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.—First Semester. A study of the non-metals. 5 semester hours credit. Daily 9:00. C. 212. Lab. M. T. Th. F. 2:00-4:00. Mr. Beisler.

CHEMISTRY 102.—Second Semester. A study of the metals. 5 semester hours credit. Daily 11:00. C. 110. Lab. M. T. Th. F. 2:00-4:00. Mr. Jackson.

CHEMISTRY 201.—Qualitative Analysis.—Lectures and laboratory course in this subject offered to those who have had general chemistry. 3 semester hours credit. T. Th. 2:00. C. 110. Lab. M. T. Th. F. 2:00-5:00. Mr. Jackson.

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 semester hours credit. Daily 11:00. C. 212. Laboratory 2:00-6:00. Days to be arranged. Mr. Beisler.

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

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

CHEMISTRY 513.—Advanced Inorganic Chemistry. The theory, practice and applications of colloid chemistry. 3 semester hours credit. 4 hours of lecture and 4 hours of laboratory per week. Hours to be arranged. Mr. Beisler.

CHEMISTRY 551.—Chemical Research.—Organic Chemistry; Inorganic Chemistry; Physical Chemistry, and Agricultural Chemistry. 5 to 10 semester hours. Hours and place to be arranged. Messrs. Beisler and Jackson.

### CIVICS

CIVICS.—Designed to prepare students for the state teachers examination on the Constitution of the United States and for the examination in Civil Government in the Second Grade Certificate. Special attention will be given to school laws of Florida and to local, town, city, and county governments. Review. No credit except for extension of third grade certificate. Three sections:

Section 1. M. Th. 8:00. L. 307. Mr. Turner.

Section 2. W. F. 12:00. L. 307. Mr. Turner.

Section 3. M. W. 10:00. L. 307. Mr. Trottman.

### ATHLETIC COACHING

COACHING 101-102.—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. The several styles of offense and defense, with consideration of their special strength and weakness; generalship and strategy; training, conditioning and player's equipment will be discussed. Special emphasis will be given to forward-pass attack and its defense. The practical work will include punting, place-kicking, drop-kicking, kick-off and forward passing; tackling dummy and charging sled; special drill for linemen, ends and backs; interference and team work; fundamental plays, break plays, and signal systems. Textbook, "Coaching," by Rockne. 4 semester hours credit. 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 111-112 (formerly 104).—Basketball (men).—The fundamentals of the game; passing, receiving, pivots,



shooting; the defense, of the individual, of the team, the five man defense showing the different types employed and emphasizing the most successful. The offense, as applied to the individual, team offense, different types employed, special attention given to the types of offense to break through a five man defense. Practices to employ in developing a strong offense. Textbook, "My Basketball Bible," by Forrest C. Allen. 4 semester hours credit. M. T. W. Th. F. 9:00. Laboratory M. W. F. 2:00-4:00. Basketball Court. Mr. Higgins.

NOTE: Students in this course may furnish their own equipment or rent it from the Athletic Department for \$3.00. When it is returned, \$2.00 of this amount will be refunded.

COACHING 113-114 (formerly 105).—Basketball (women).—The fundamentals of the game; passing, receiving, the pivots, shooting; the defense, of the individual guards; centres; team work on defense. The offense, individual play, offense on team work, guards, centres and forwards. Practices employed to develop a strong offense. Given as an aid to coaches of girls' teams. 1 semester hour credit. M. W. Th. S. 10:00. Basketball court. Mr. Higgins.

COACHING 121 (formerly 103).—Track and Field.—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. 2 semester hours credit. T. Th. 4:00-6:00. Basketball Court. Mr. Higgins.

COACHING 131 (formerly 102).—Baseball.—The fundamentals of the game as applied to the individual; the defensive game, the battery; the basemen; the outfielders; the defensive team as a unit with emphasis upon the finer points of "inside" defense; the offensive game; the batsman, the runner, the base coaches; types of offense to be used in particular stages of the game; the team coach and his duties to his team. Textbook, "The Science of Baseball," by Byrd Douglas. 2 semester hours credit. T. Th. 2:00-4:00. 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.

#### DRAWING, CONSTRUCTIVE WORK AND INDUSTRIAL ART

DRAWING 101.—Grades I-III, inclusive. Application of Art to everyday studies; construction work and design; paper cutting, illustration; free-hand drawing; nature study in colors. 1 semester hour credit. Two sections:

Section 1. M. W. Th. S. 10:00. P. 302. Miss Ballard.

Section 2. M. T. Th. F. 3:00. P. 302. Miss Ballard.

DRAWING 102.—Grades IV-VII, inclusive. Design and applied design; line and shade; theory of color and study of water colors; nature study and still life in color; notebooks kept up to date each week. 1 semester hour credit. M. T. Th. F. 2:00. P. 302. Miss Ballard.

DRAWING 201.—A course in craft and design embodying a thorough course in color and design applied to articles constructed of wood, tin, etc.; dying, block-printing and other forms of craft work suitable for junior and senior high schools. 1 semester hour credit. M. T. Th. F. 9:00. P. 302. Miss Ballard.

#### ECONOMICS AND BUSINESS ADMINISTRATION

ECONOMICS 101 (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 semester hours credit. Daily 8:00. L. 204. Mr. Myers.

ECONOMICS 102 (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 semester hours credit. Daily 9:00. L. 202. Mr. Matherly.

ECONOMICS 103 (BUSINESS ADMINISTRATION 103E).—Economic Geography.—This course deals with the adjustments to natural environment which man makes in his effort to secure a living. The subject-matter consists of climate, soils, products of land and sea, natural divisions of the world, trade routes, and commercial centers. 3 semester hours credit. Daily 8:00. L. 202. Mr. Matherly.

ECONOMICS 201 (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 is made of production, distribution and consumption. Chief consideration is given to the functions of economic institutions. 3 semester hours credit. Daily 9:00. L. 204. Mr. Myers.

ECONOMICS 202 (BUSINESS ADMINISTRATION 202E). — Principles of Economics.—This is a continuation of Economics 201. Attention is devoted chiefly to the principles governing value and market price. With the permission of the instructor, students may take this course along with Economics 201. 3 semester hours credit. Daily 11:00. L. 202. Mr. Matherly.

ECONOMICS 302 (BUSINESS ADMINISTRATION 302E).—Elements of Statistics.—An introduction to statistics; brief consideration of statistical theory; collection, classification, 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. 3 semester hours credit. Daily 11:00. L. 201. Mr. Myers.

BUSINESS ADMINISTRATION 81.—Office Management.—Office organization; office functions; duties of office manager; the modern secretary in relation to office operation. Proficiency in the use of the typewriter will be required. Typing room with typewriters will be provided for the use of students. (Laboratory fee to be arranged.) 1 lecture and 4 laboratory hours. 1 semester hour credit. L. 201.

BUSINESS ADMINISTRATION 82.—Office Management.—Office appliances; handling correspondence; office records;

methods of filing. The student will be required to attain proficiency in shorthand. (Laboratory fee to be arranged.) 1 lecture and 4 laboratory hours. 1 semester hour credit. L. 201.

**BUSINESS ADMINISTRATION 211-212.**—Principles of Accounting.—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. This course will meet two hours a day. Business Administration 211 will be completed the first four weeks and Business Administration 212 the second four. Laboratory fee \$1.00 per semester hour. 6 semester hours credit. Daily 8:00 to 10:00. L. 201. Mr. Ward.

#### EDUCATION

Any 4 or 6 hour course in Education or Psychology will meet the professional requirement for the extension of certificates. Students in Education courses should bring with them professional books and textbooks related to the courses they plan to take.

**EDUCATION 101.**—Students who have not taken any course in Education should begin with this one. The purpose of the course is to give an introduction to the study of classroom teaching. What makes a good teacher, the improvement of personality, how to study, the art of questioning, reflective thinking, elimination of waste in classroom management, the importance of education, such questions as these will be covered by the course. 3 semester hours credit. Eight sections:

Section 1. Daily 8:00. L. 5. Mr. Altstetter.

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

Section 3. Daily 11:00. P. 4. Mrs. Altstetter.

Section 4. Daily 12:00. H. 215. Mrs. Branning.

Section 5. Daily 8:00. H. 215. Mrs. Branning.

Section 6. Daily 9:00. H. 215. Mrs. Branning.

Section 7. Daily 11:00. P. 101. Mr. Tolbert.

Section 8. Designed for those who expect to teach in the lower grades and are preparing to take the State teachers' examinations. Daily 12:00. P. 206. Mr. Mears.

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 semester hours credit. Daily 12:00. L. 209. Mr.  
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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 semester hours credit. Three sections:

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

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

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

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 semester hours credit. Three sections:

Section 1. For teachers of the First Grade. Daily 9:00. H. 205. Mrs. Lord.

Section 2. For teachers of the first three grades. Daily 11:00. H. 205. Mrs. Lord.

Section 3. The same as Section 2. Daily 8:00. H. 205. Mrs. Lord.

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, memorization and dramatization will be presented. Observation of demonstration lessons and criticisms will be required. Pre-

requisite or parallel courses: Education 101 or Education 207. 3 semester hours credit. 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. Robison.

Section 2. The same as Section 1. Daily 11:00. H. 207. Mrs. Robison.

Section 3. This section is designed for those teachers who will teach in the middle elementary grades. Daily 12:00. H. 207. Mrs. Robison.

EDUCATION 123.—Hand-work for Elementary Grades.—The purpose of this course is to develop the real function of handwork in the elementary grades. The various types of hand work will be discussed, paper cutting, free hand drawing, clay modeling, etc. A constructive project for each grade will be developed during the course. This course counts as a four-hour course toward the extension of certificates. 2 semester hours credit. Three sections:

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

Section 2. The same as Section 1. 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 201.—The Social Studies in the Elementary School.—A course in methods of teaching geography, history and civics from the standpoint of human relationships. This includes lesson planning and criticism and observation in the Demonstration School. 3 semester hours credit. Daily 8:00. P. 4. Mrs. Altstetter.

EDUCATION 203.—Child and Adolescent Psychology.—The nature, growth and development of the child from birth to adolescence with reference to education; the original nature of the child and his education; the meaning of protracted infancy; training in recognition of types and individual differences, of common defects and how to deal with them; the cultivation of intelligent sympathy with children; the effect of

Child Study on the practices of elementary and secondary education. 3 semester hours credit. Three sections:

Section 1. Daily 11:00. P. 205. Mr. ....

Section 2. Daily 12:00. P. 112. Mr. ....

Section 3. Daily 8:00. A. 303. Mrs. Metcalfe.

EDUCATION 207.—Educational Psychology.—Psychology applied to Education, the learning process, acquisition of skill, etc. 3 semester hours credit. Three sections:

Section 1. Daily 11:00. P. 102. Mr. Wilson.

Section 2. Daily 9:00. P. 205. Mr. Tolbert.

Section 3. Daily 9:00. P. 101. Mr. ....

EDUCATION 301.—High School Curriculum.—This course is designed for the consideration of the high school curriculum. Standards for the selection and organization of the curriculum will be considered with much detail. 3 semester hours credit. Daily 11:00. P. 201. Mr. Carmichael.

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 semester hours credit. Daily 11:00. L. 209. Mr. Altstetter.

EDUCATION 317.—Tests and Measurements.—An elementary course confined mainly to achievement tests. 3 semester hours credit. Daily 11:00. L. 204. Mr. Evans.

EDUCATION 361.—Teaching of Mathematics.—See Mathematics 361.

EDUCATION 401.—Public School Administration.—Stresses in a practical way problems peculiar to Florida schools; the supervising principal, relation to superintendent, boards, teachers and community; consolidation and transportation; adapting the school to the child's needs, promotions, tests, extra-curricular activities; school finance; records and reports. 3 semester hours credit. Daily 9:00. P. 201. Mr. Carmichael.

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 semester hours credit. Daily 8:00. P. 205. Mr. Norman.

EDUCATION 405.—Supervised Teaching.—This course is planned to give the student practice in conducting recitations under close supervision. A study will be made of the development of courses, and the present status of the subject taught. Lesson plans will be required for all recitations, and the manner of teaching will be subject to criticism. Teaching 4 hours a week; conferences 2 hours a week. 3 semester hours credit. Three sections:

Section 1. Designed for those who expect to teach in the primary grades. Daily 12:00. P. 2. Miss Peeler.

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

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. Daily 12:00. P. 201. Mr. Simmons.

EDUCATION 406.—The Elementary School Principal.—The problems that usually confront the elementary school principal will be stressed in this course. Daily 8:00. L. 209. Mr. Evans.

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 semester hours credit. Daily 8:00. P. 101. Mr. Hinson.

#### GRADUATE COURSES IN EDUCATION

EDUCATION 502.—The Elementary School Curriculum.—An intensive study of the development, and present content of the elementary school curriculum, including kindergarten; the selection and evaluation of material; the importance of the classroom teacher. This course will be especially beneficial to teachers in the teacher-training departments of the Florida high schools. 3 semester hours credit. Daily 9:00. L. 209. Mr. Altstetter.

EDUCATION 503.—Educational Tests and Measurements. Seminar.—This is an intensive study of intelligence and edu-



ational tests. A thorough and systematic study is made of all the chief tests in both fields with laboratory material for class use so as to familiarize the student with the process of actually handling tests. It is recommended that Education 517 be taken before this course. 2 semester hours credit. M. W. Th. S. 10:00. L. 209.

EDUCATION 505.—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 semester hours credit. M. W. Th. S. 10:00. P. 112. Mr. Carmichael.

EDUCATION 506.—Methods of Teaching Farm Shop Work.—The selection and organization of subject matter or jobs in farm shop work to be included in a course given in the high school to vocational agricultural students, and the methods to be used in the teaching of these jobs. The course is designed for those who are teaching vocational agriculture or for those preparing for this field. Education 303-304 or their equivalents are required as prerequisites to this course. 2 semester hours credit. M. T. W. Th. 11:00. P. 208. Mr. Garris.

EDUCATION 509.—Problems in the Administration of a School System.—Seminar.—Open to graduate students who are qualified by experience and training to pursue advanced study on selected problems in administration. As far as possible problems will be 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. Students may work on chosen problems either singly or in small groups. 3 semester hours credit. Daily 8:00. P. 201. Mr. Fulk.

EDUCATION 511.—Methods and Materials in Vocational Agriculture.—The organization of subject matter for a long time teaching program; the analysis and teaching layout of a farm job; the selection of teaching devices; the organization for and supervision of supervised practice work; and the selection of proper classroom equipment. 2 semester hours credit. Daily 8:00. P. 208. Mr. Garris.

EDUCATION 512.—A continuation of Education 511. (Not offered in summer of 1929.)

EDUCATION 517.—The chief purpose of this course is to acquaint students with statistical methods as applied to education. The chief topics to be discussed are: advantages of statistical methods; methods of collecting educational data, and tabulations; the calculation of median, mode, mean; the mean and standard deviations; variabilities; correlations; regressions; probabilities; reliabilities; graphs and the like. A knowledge of the above topics will enable one to read educational literature more intelligently. It is recommended that this course be taken before Education 503. 2 semester hours credit. M. W. Th. S. 10:00. H. 207. Mr. Ackley.

EDUCATION 519.—The purpose of this course is to give a comprehensive view of the basic principles in curriculum construction; compare the curricula of various secondary schools; terminologists; tendencies in curriculum making; constants; electives, and the like. This course should enable both principals and teachers to understand better the objectives of secondary education. 3 semester hours credit. Daily 12:00. P. 101. Mr. Hinson.

EDUCATION 527.—Research in Education.—Seminar and Individual Conferences.—A course designed primarily to give individual guidance to graduate students majoring in Education, selection and definition of problems suitable for master's theses; collection, analysis and organization of data; the mechanics of thesis construction. Every student majoring in Education should enroll in this course. Open to all other graduate students. No college credit.

Sections (Students choose one):

Seminar (for all) M. W. 10:00. P. 201.

Section 1. T. Th. 9:00. P. 203.

Section 2. M. W. 2:00. P. 201.

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

EDUCATION 528.—A graduate course in the Supervision of Instruction. Designed for principals, supervisors and teachers. 3 semester hours credit. Daily 8:00. H. 207. Mr. Ackley.

EDUCATION 563.—Vocational Education.—The meaning, principles and development of vocational education. Special stress will be given to agricultural education, home economics

education, trade and industrial education, and commercial education as provided for by the National Vocational Education Act of Congress. 2 semester hours credit. M. T. W. F. 9:00. P. 208. Mr. Garris.

### ENGLISH

ENGLISH GRAMMAR.—This course is designed for those who are preparing for the examinations for third and second grade certificates. Texts: Kingsley, Mason and Rogers, "A Brief Review of English Grammar with Supplementary Exercises;" Sharp's "English Exercises Book V." Review. No extension credit. Two sections:

Section 1. M. W. Th. 10:00. E. 203. Miss England.

Section 2. T. Th. F. 12:00. E. 203. Miss England.

COMPOSITION.—This course is designed for those who are preparing for the teachers examinations for third and second grade certificates. The work is so arranged that there will be no duplication of the material covered in the Grammar course. Texts: Lewis and Holic's "Practical English for High School," Sharp's "English Exercises, Book V." Review. No extension credit. Two sections:

Section 1. M. T. Th. 3:00. P. 112. Miss Graham.

Section 2. M. T. Th. 8:00. E. 203. Miss England.

RHETORIC.—Designed to prepare teachers for the examination for first grade certificate. No one enrolling for this course should take Composition. A rapid review of narration, description, exposition, argument, drama and other literary forms; poetry, diction, punctuation and figures of speech will be given. Texts: Brooks' "English Book II (Revised)?" Sharp's "English Exercises, Book V." Review. Extension credit for second and third grade certificates. No high school credit, but arrangements may be made to take entrance examinations. Three sections:

Section 1. T. W. Th. F. 11:00. E. 203. Miss England.

Section 2. T. W. Th. F. 9:00. E. 203. Miss England.

Section 3. M. W. Th. S. 10:00. L. 5. Miss Crozier.

AMERICAN LITERATURE.—The study of American Literature as outlined in Metcalf's "American Literature." No

credit, but arrangements may be made for a college entrance examination. M. T. W. Th. 11:00. L. 5. Mr. Hait.

ENGLISH LITERATURE.—The history of English Literature as outlined in Metcalf's "English Literature" will be given. No credit, but arrangements may be made for a college entrance examination. M. T. Th. F. 2:00. L. 209. Mr. Thompson.

SPELLING.—A thorough review of prefixes, suffixes, abbreviations, syllabication, diacritical marks, and rules of spelling will be given. In every class period there will be spelling exercises and drills in the meaning and use of synonyms, antonyms, and homonyms. There will be a study of how to make the spelling period most interesting and helpful. At the close of the summer school a spelling tournament, open to all ambitious spellers, will be held. A copy of Webster's "Blue-Back Speller," suitably autographed and inscribed, will be given to the winner of the tournament. Hours to be arranged. Mr. Little.

#### COLLEGE ENGLISH

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. Textbook, Genung's "Working Principles of Rhetoric," first half. 3 semester hours credit. Four sections:

Section 1. Daily 8:00. L. 203. Mr. Mounts.

Section 2. Daily 9:00. L. 211. Mr. Wise.

Section 3. Daily 11:00. L. 211. Mr. Wise.

Section 4. Daily 12:00. L. 203. Mr. Mounts.

ENGLISH 102.—A continuation of English 101. The second half of the rhetoric, "Invention," will be completed. 3 semester hours credit. Two sections:

Section 1. Daily 11:00. L. 203. Mr. Mounts.

Section 2. Daily 12:00. L. 211. Mr. Wise.

ENGLISH 103.—Introduction to Literature.—A survey of the literature of the Western world from the beginnings to

the Renaissance. 2 semester hours credit. Daily 12:00. S. 111. Mr. Jarrell.

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 semester hours credit. Daily 11:00. S. 111. 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 semester hours credit. 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 semester hours credit. Daily 11:00. L. 210. Mr. Farr.

ENGLISH 408.—Contemporary Poetry.—The influence of Whitman; contemporary English and American poets. 3 semester hours credit. Daily 11:00. L. 212. Mr. Robertson.

ENGLISH 409. — Chaucer. — Extensive reading in the "Canterbury Tales," "Troilus," and minor works. 3 semester hours credit. Daily 8:00. L. 212. Mr. Robertson.

ENGLISH 501. — Anglo-Saxon. — Anglo-Saxon grammar, reading of Alfredian prose, "Beowolf," and other Anglo-Saxon literature. 3 semester hours credit. Daily 8:00. L. 210. Mr. Farr and 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 credit.

Students may take the following courses without college credit in which case the University registration fee is not required.

#### ARCHITECTURE

Special arrangement 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. Make arrangements for this course with the Director of the School of Architecture. Mr. Weaver.

#### PAINTING

ART 121.—Freehand Drawing.—An introduction to perspective with outdoor sketching in pencil. Occupies the first third. The remaining two-thirds is given to charcoal drawing from casts and from still life groups. Teachers taking this course are given, in addition to the above, the methods of teaching Freehand Drawing. 2 semester hours credit. M. T. W. Th. 8:00-10:00. P. 301. Mr. Long.

ART 226.—Water Color Painting.—Color theory and various methods of applying water color. Still life painting. Landscape painting from nature. Methods of teaching water color will be given to teachers taking this course. 2 semester hours credit. M. W. 1:00-5:00. P. 301. Mr. Long.

ART M-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 by creative and imaginative effort on the part of the student. Especially valuable for teachers who wish to strengthen their work. 2 semester hours credit. T. Th. 1:00-5:00. P. 306. Mr. Long.

#### COMMERCIAL ART

ART M-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 semester hours credit. M. T. W. Th. 10:00-12:00. P. 301. Mr. Long.

ART M-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. A method of teaching poster design will also be covered. 2 semester hours credit. M. T. W. Th. 10:00-12:00. P. 306. Mr. Long.

#### FRENCH

FRENCH 21.—Elementary French, first semester of first year; grammar, pronunciation, dictation, easy conversation, oral and aural practice, reading. 3 semester hours credit. Daily 8:00. L. 207. Mr. Atkin.

FRENCH 22.—Elementary French, second semester of first year; continuation of French 21. 3 semester hours credit. Daily 11:00. L. 207. Mr. Atkin.

FRENCH 101.—Third semester French; prerequisites: French 21 and French 22. 3 semester hours credit. Daily 9:00. L. 207. Mr. Atkin.

#### GENERAL NATURAL SCIENCE

We are living in a scientific age and some knowledge of the principles of science and their application to everyday life has become an essential part of a well rounded education. But the field of science has become so broad and far reaching, and it has been so sub-divided, that it is almost if not altogether impossible for students majoring in other fields to take even a beginning course in all of its branches. There would seem to be need, then, for a broad, general course which would present an outline of our knowledge of the physical and biological world and show the position of man in the universe in which he lives. Such a course would not only give the student something of the fundamentals of all the sciences, but would serve the further purpose of weaving them together into a unified whole. The course outlined below is an attempt to fill this need and attain this end.

GENERAL SCIENCE 101.—The course begins with a study of the earth as an astronomical body; of the sun, moon, planets, and stars. Following this comes a study of the theories as to

the origin of the earth; its early stages; geological processes and earth history; the laws of physics with special emphasis on energy; the nature of chemical processes; the nature and origin of life; the bacteria and other micro-organisms; the plant kingdom; interaction between plants and their environment. 4 semester hours credit. Daily 8:00. C. 110. Laboratory and conference hours to be arranged. Mr. Black.

GENERAL SCIENCE 102.—A continuation of General Science 101.—The invertebrates; the vertebrates; human physiology; the dynamics of living processes; digestion, food, and nutrition; the vitamins; the nervous system and consciousness; elementary psychology. 4 semester hours credit. Daily 9:00. C. 110. Laboratory and conference hours to be arranged. Mr. Black.

#### GEOGRAPHY

POLITICAL GEOGRAPHY.—Special attention will be given to Florida and its relation to other states. A thoro review of the geography of the United States and the world. Instruction will be given in the use of textbooks, maps, globes, industrial products as a help and guide for the teaching of the subject. Review and extension credit only. Two sections:

Section 1. M. W. Th. 9:00. L. 5. Mrs. Blacklock.

Section 2. M. W. Th. 10:00. L. 201. Mrs. Kelly.

#### HISTORY

Elementary United States and Florida History. Three sections, each covering thoro review of state adopted text book. Review and extension credit only. Two sections:

Section 1. M. T. Th. F. 11:00. A. 204. Mr. Buchholz.

Section 2. M. W. Th. S. 10:00. A. 204. Mr. Buchholz.

HISTORY.—General.—This course is designed to prepare for the teachers examination for first grade. No credit, but arrangements may be made for a college entrance examination. Four sections:

Section 1. Daily 12:00. A. 104. Mr. McLane.

Section 2. Daily 11:00. A. 104. Mr. Zetrouer.

Section 3. Daily 9:00. A. 204. Mr. J. E. Williams.

Section 4. Daily 8:00. A. 204. Mr. Buchholz.



HISTORY.—American.—A detailed study of American history from the period of discovery and colonization to Jackson's administration. No credit, but arrangements may be made for a college entrance examination. M. T. W. F. 12:00. A. 205. Mr. Buchholz.

#### COLLEGE HISTORY

HISTORY 101.—Europe During the Middle Ages.—A general course in the history of Western Europe from the Teutonic migrations to the close of the Seven Years' War. 3 semester hours credit. Daily 8:00. A. 104. Mr. Tribolet.

HISTORY 102.—Europe During the Middle Ages.—A continuation of History 101. 3 semester hours credit. Daily 12:00. L. 202. Mr. Haseltine.

HISTORY 302.—American History Close of Revolution to 1830.—A continuation of History 301. 3 semester hours credit. Daily 9:00. L. 109. Mr. Leake.

HISTORY 304.—American History 1876 to Present.—A continuation of History 303. 3 semester hours credit. Daily 8:00. L. 109. Mr. Leake.

HISTORY 308.—Renaissance and the Reformation.—Study of the causes, development and results of these great intellectual and religious movements. A continuation of History 307. 3 semester hours credit. Daily 11:00. L. 311. Mr. Carleton.

GRADUATE SEMINAR IN HISTORY.—2 semester hours credit. Hours to be arranged. Mr. Leake.

#### LATIN

LATIN 101.—Selections from Ovid.—First semester of Freshman Latin. Prerequisite: Three years of High School Latin. 3 semester hours credit. Daily 9:00. L. 111. Mr. Anderson.

LATIN 305.—Virgil.—An intensive study of the works of Virgil with emphasis on the less read portions. Prerequisite: Two years of College Latin. 3 semester hours credit. Daily 11:00. L. 111. Mr. Anderson.

## LAW

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

ADMINISTRATIVE LAW.—3 semester hours credit. Daily. Hours to be arranged. Mr. Slagle.

LAW 308.—Common Law Pleading.—3 semester hours credit. Daily. Hours to be arranged. Mr. Cockrell.

LAW 405.—Equity Pleading.—3 semester hours credit. Daily. Hours to be arranged. Mr. TeSelle.

LAW 402S.—Evidence.—3 semester hours credit. Daily. Hours to be arranged. Mr. TeSelle.

LAW 412.—Florida Civil Practice.—3 semester hours credit. Daily. Hours to be arranged. Mr. Cockrell.

SCHOOL LAW.—2 semester hours credit. Four recitations per week. Hours to be arranged. Mr. Trusler.

LAW 301S.—Torts.—4 semester hours credit. Daily (70-minute periods.) Hours to be arranged. Mr. Trusler.

TRADE REGULATIONS.—3 semester hours credit. Daily. Hours to be arranged. Mr. Slagle.

## LIBRARY SCIENCE

LIBRARY SCIENCE 101.—Cataloging I.—A study of the principles and methods of the simpler forms of cataloging. Two hours supervised practice work will follow each lecture. The cards will be revised and form a sample catalog for the use of the student. Three semester hours credit. Daily 8:00. P. 1. Laboratory hours to be arranged. Miss Mercier.

LIBRARY SCIENCE 102.—Classification I.—The Dewey Decimal system is used as the basis of the instruction. The study of book numbers is included. Problems will be given with each lecture. Two semester hours credit. M. W. Th. S. 10:00. P. 1. Miss Mercier.

LIBRARY SCIENCE 103.—Library Economy.—This course includes the general routine of adding books to the library with instruction in order work, accessioning, mechanical prep-

aration and care of books and the checking of periodicals. Simple charging systems and various circulation records will be studied. Two semester hours credit. M. T. Th. F. 11:00. P. 1. Miss Timmerman.

LIBRARY SCIENCE 104.—Book Selection I.—This course includes lectures covering the general principles of book selection, with the needs of the high school library particularly in view, the examination and discussion of selected books in the various fields of literature and the writing of annotations. Problems involving the use of standard guides to book selection and reading lists will be required of each student. As a final project the class will make up a list of books for a school library. Three semester hours credit. Daily 9:00. P.1. Miss Timmerman.

### MATHEMATICS

ARITHMETIC.—A thoro review of Arithmetic is made, that the student may view it from both the teacher's and child's point of view. Common and decimal fractions, denominate numbers, percentage and all other subjects covered by the textbooks adopted by the state. Principles and methods of teaching Arithmetic are thoroly covered. Review. Extension credit only. Three sections:

Section 1. M. T. W. Th. F. 12:00. S. 101. Mr. C. M. Williams.

Section 2. M. T. W. Th. F. 8:00. P. 206. Mr. Little.

Section 3. M. T. W. Th. F. 9:00. P. 206. Mr. Little.

ALGEBRA B.—Review of first year Algebra. No one admitted who does not have a rather thoro knowledge of first semester first year Algebra. Review. Extension credit only. M. T. W. Th. F. 12:00. E. 210. Mr. Stone.

ALGEBRA C.—Advanced Algebra.—Involution, Evolution, Quadratic Equations, Progressions, Ratio and Proportion. No one admitted who has not a rather thoro knowledge of first year Algebra. No credit, but arrangement may be made for college entrance examination. Four sections:

Section 1. M. T. W. Th. F. 11:00. P. 206. Mr. Little.

Section 2. M. T. W. Th. F. 9:00. E. 209. Mr. Steen.

Section 3. M. T. W. Th. F. 12:00. E. 209. Miss Jones.

Section 4. M. T. W. Th. F. 8:00. E. 209. Miss Portner.

PLANE GEOMETRY I.—Books I and II. No credit, but arrangements may be made for college entrance examination. Daily 8:00. L. 314. Miss Stewart.

PLANE GEOMETRY II.—Books III to V. Those desiring to review all of Plane Geometry should either take both Geometry I and Geometry II, or Geometry II. Prerequisite to Geometry II is Geometry I. No credit but arrangements may be made for college entrance examination. Daily 11:00. E. 208. Mr. Phipps.

#### COLLEGE MATHEMATICS

MATHEMATICS 83.—Solid Geometry.—3 semester hours credit. Daily 12:00. E. 208. Mr. Phipps.

MATHEMATICS 85.—Plane Trigonometry.—3 semester hours credit. Daily 9:00. P. 102. Mr. Simpson.

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 semester hours credit. Daily 8:00. P. 102. Mr. Simpson.

MATHEMATICS 102.—Plane Analytic Geometry.—Text, Roberts and Colpitt's "Analytic Geometry" (Second edition), John Wiley and Sons. 3 semester hours credit. Daily 9:00. E. 210. Mr. Kokomoor.

MATHEMATICS 251.—Elementary Calculus.—3 semester hours credit. Daily 8:00. E. 210. Mr. Kokomoor.

MATHEMATICS 252.—Calculus.—A continuation of course 251, by which it must be preceded. 3 semester hours credit. Daily 9:00. E. 208. Mr. Phipps.

MATHEMATICS 361.—The Teaching of Mathematics.—The teaching of mathematics with particular attention to the content of secondary school mathematics. This course may be substituted for Education 405 by teachers of mathematics. Registration for course only by permission of instructor. 3 semester hours credit. Daily 12:00. P. 102. Mr. Wilson.

MATHEMATICS 568.—History of Elementary Mathematics.—A study of the development of Arithmetic, Algebra, Geom-

etry, Trigonometry and the beginnings of Analytic Geometry and Calculus, with special emphasis upon the changes of processes of operations and methods of teaching. Valuable for teachers and prospective teachers. Open to students taking or having had Mathematics 251, or by special permission of instructor. Daily 11:00. E. 210. Mr. Kokomoor.

MATHEMATICS 575.—Fundamental Concepts of Modern Mathematics.—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. Prerequisites: A course in Calculus and a certain amount of mathematical maturity to be determined by the instructor. 3 semester hours credit. Hours to be arranged. P. 102. Mr. Simpson.

#### MUSIC

MUSIC 101.—Note singing; sight singing; child voice; art and rhythmic songs; Dalcroze Eurythmics. Designed for Grades I-IV. 1 semester hour credit. Three sections:

Section 1. M. T. Th. F. 9:00. C. 112. Miss Porter.

Section 2. M. T. Th. F. 10:00. C. 112. Miss Porter.

Section 3. M. T. Th. F. 4:00. C. 112. Miss Porter.

MUSIC 102.—Development of sight singing; ear training; part singing; changing voice. Designed for Grades V-XII. 1 semester hour credit. M. T. Th. F. 11:00. C. 112. Miss Porter.

MUSIC 201.—Appreciation and History of Music. Designed for all grades. 1 semester hour credit. M. Th. 3:00. C. 112. Miss Porter.

MUSIC 202.—Harmony.—Beginning Harmony. 1 semester hour credit. W. F. 3:00. C. 112. Miss Porter.

MUSIC 203.—Supervised Teaching in Music. Class for those who are especially interested in teaching and supervising music in the schools. This is in cooperation with the Demonstration School. 1 semester hour credit. M. Th. 12:00. C. 112. 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 semester hour credit. M. T. Th. F. 5:00. Stage of Auditorium. Mr. Collins.

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 semester hour 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 semester hour credit. Stage of Auditorium. Mrs. Worth.

ORGAN.—Private lessons in pipe organ will be given by special arrangement. 1 semester hour credit. Auditorium. Mr. Murphree.

#### NATURE STUDY

A course for teachers wishing to prepare themselves better for teaching nature study. A study of the classification of plants, and the study of insects and small animals. Bird protection will be a special feature. Three recitations and three laboratory periods per week. M. W. Th. 8:00. S. 111. Laboratory M. T. W. 4:00-6:00. Mr. Boardman.

#### NURSING EDUCATION

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 semester hours credit. M. W. Th. S. 10:00. A. 304. Miss Gault.

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 semester hours credit. Daily 9:00. A. 304. Miss Gault.

**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 semester hours credit. Daily 11:00. A. 304. Miss Gault.

**HOME NURSING.**—Home Hygiene and Care of the Sick.—A standard Red Cross Training course. About 24 lectures and demonstrations given during the second four weeks of the Summer School. This course is not for nurses, but is designed for people who have had no hospital training. 1 semester hour credit. M. T. W. Th. F. 2:00. A. 304. Miss Fetting.

### PHILOSOPHY AND PSYCHOLOGY

**ELEMENTARY PSYCHOLOGY.**—A beginner's course in psychology with applications to teaching. No credit, but arrangements may be made for a college entrance examination. Three sections:

Section 1. M. T. Th. F. 12:00. A. 204. Mrs. Metcalfe.

Section 2. M. W. Th. F. 11:00. A. 205. Mrs. Metcalfe.

Section 3. M. W. Th. S. 10:00. A. 205. Mrs. Metcalfe.

**PHILOSOPHY 201.**—General Psychology.—Facts 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 semester hours credit. Three sections:

Section 1. Daily 8:00. P. 112. Mr. Osborne Williams.

Section 2. Daily 11:00. P. 112. Mr. Osborne Williams.

**PHILOSOPHY 301.**—Ethics.—Principles of Ethics: Study of such topics as goodness, happiness, virtue, duty, freedom, civilization, and progress. 3 semester hours credit. Daily 11:00. P. 114. Mr. Enwall.

**PHILOSOPHY 304.**—History of Modern Philosophy.—A continuation of Philosophy 303. Special attention will be given to the works of Descartes, Spinoza, Leibnitz, Kant, Hume, etc. 3 semester hours credit. Daily 12:00. P. 114. Mr. Enwall.

PHILOSOPHY 312.—Psychology of Abnormal Children.—This course deals with psychopathic, retarded, and mentally defective children; causes, types, characteristics and treatment. 3 semester hours credit. Daily 9:00. P. 112. Mr. Williams.

PHILOSOPHY 507.—The Philosophic Conceptions of the Great English Poets.—(Prerequisite: English 103-104, 201-202.) 3 semester hours credit. Seminar. Hours to be arranged. Mr. Enwall.

#### PHYSICAL EDUCATION

The courses in this department are designed to meet the needs of teachers, who, even though not graduates of Physical Education, are nevertheless expected to have a practical knowledge of physical training, gymnastics, plays and games, and are expected to teach them in the public schools. All teachers preparing to qualify under the new State law regarding Physical Education will find these courses particularly to their needs. Local problems of the members of the classes will be met as far as possible. Plans will be formulated whereby unhealthy physical conditions may be eradicated from the environment of the schools and physical defects found among school children properly handled. The aim of the department is to have in every community as many trained leaders in playground and school athletic activities as possible. 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. 1 semester hour credit. Two sections:

Section 1. For women. M. T. Th. F. 4:00 Gymnasium. Mr. Haskell.

Section 2. For men. M. W. Th. S. 10:00 Gymnasium. Mr. Haskell.

PHYSICAL EDUCATION 102.—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. 1 semester hour credit. M. T. Th. F. 2:00 Gymnasium. Mr. Haskell.

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

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 semester hour credit. M. T. Th. F. 3:00. Gymnasium. Mr. Haskell.

PHYSICAL EDUCATION 201.—Advanced Gymnastics.—This class is especially designed for those who have had elementary gymnastics and consists mainly of conducting the elementary classes and advanced calisthenics and gymnastics. 1 semester hour credit. Two sections:

Section 1. For women. M. T. Th. F. 4:00. Gymnasium. Mr. Haskell.

Section 2. For men. M. W. Th. S. 10:00. Gymnasium. Mr. Haskell.

PHYSICAL EDUCATION 204.—Minor Sports.—This course is for those who have completed an elementary course and will consist mainly of the finer points of the games, and practical work in coaching the elementary classes. 1 semester hour credit. M. T. Th. F. 3:00. Gymnasium. Mr. Haskell.

PHYSICAL EDUCATION 231-232 (formerly Coaching 107).—Athletic Training Theory.—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 semester hours credit. M. T. Th. F. 3:00. Basketball Court. Mr. Bachman.

## PHYSICS

\*HIGH SCHOOL PHYSICS.—A general course, such as is usually given in standard secondary schools—lectures, recitations, demonstrations, and a limited amount of individual laboratory work. No credit, but arrangements may be made for a college entrance examination. M. W. Th. S. 10:00. E. 303. Laboratory W. F. 2:00-4:00. E. 303. Mr. Bless.

GENERAL PHYSICS.—The courses described below fall into two groups: Physics 203-204 (a total of 10 semester hours credit) is a general course in Physics; Physics 105-106, 107-108, 209 (a total of 13 semester hours credit) are a group of courses in which the subject is taken up with greater thoroughness and detail. Those who plan to teach physics are advised to take this group. It should be noted, however, that a course in high school physics is a prerequisite for the latter.

PHYSICS 203.—Mechanics and Heat.—5 semester hours credit. Daily 11:00. E. 303. Lab. 8 hours, schedule to be arranged. Mr. Weil.

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

LONGER COURSE IN GENERAL PHYSICS.—A course designed for students prepared to do more advanced work than in Physics 203-204, and desiring to spend more time on the subject. A knowledge of high school physics, and of mathematics through trigonometry, is presupposed, and is a prerequisite for admission to the longer course. The course is given in three parts, called Physics 105-6, 107-8, 209-10.

\*PHYSICS 105.—Mechanics.—3 semester hours credit. Daily. E. 303. Mr. Weil.

\*PHYSICS 106.—Heat, Sound, and Light.—3 semester hours credit. Daily. E. 209. Mr. Weil.

PHYSICS 107.—General Laboratory Physics to accompany Physics 105. 2 semester hours credit. Laboratory 8 hours, schedule to be arranged. Mr. Weil and Mr. Bless.

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\*Only four of the courses starred will be given during the summer of 1929.

PHYSICS 108.—General Laboratory Physics to accompany Physics 106. 2 semester hours credit. Lab. 8 hours, schedule to be arranged. Mr. Weil and Mr. Bless.

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 semester hours credit. Hours to be arranged. Mr. Weil.

\*PHYSICS 302.—Astronomy.—A brief general course in descriptive astronomy. Textbook: Fath's Elements of Astronomy. 3 semester hours credit. Hours to be arranged. Mr. Bless.

\*PHYSICS 303-304.—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 semester hours credit. Hours to be arranged. Mr. Weil and Mr. Bless.

\*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 semester hours credit. Hours to be arranged. Mr. Weil.

\*PHYSICS 315.—Demonstrational Physics.—A course designed primarily for teachers of science in the high school. Problems from every day life will be selected and the laws of physics pertaining to them will be applied. Many lecture demonstrations will accompany the course, many of which can be used in the teaching of Physics in the high school to create interest in the subject. One year of college physics is presupposed and is a prerequisite for this course. 2 semester hours credit. Daily. E. 209. Hours to be arranged. Mr. Weil.

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\*Only four of the courses starred will be given during the summer of 1929.

\*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 semester hours credit. Hours to be arranged. Mr. Bless.

#### POLITICAL SCIENCE

POLITICAL SCIENCE 101.—American Government and Politics.—A study of the structure and functions of our national and state governments. Throughout the course present-day political problems of national and local interest will be made subjects of class discussion. 3 semester hours credit. Daily 9:00. A. 104. Mr. Tribolet.

POLITICAL SCIENCE 102.—State and Municipal Government.—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. 3 semester hours credit. Daily 12:00. L. 210. Mr. Tribolet.

#### SOCIOLOGY AND SOCIAL ADMINISTRATION

SOCIOLOGY 111S.—General Social Science.—Designed to help students to understand themselves and to give some insight into the problems of human living together. A non-technical, genetic approach, and an extensive study of the individual and of social relations. Required of Freshmen in Teachers College who do not elect the Social Science Group. 2 semester hours credit. Two sections:

Section 1. M. T. Th. F. 8:00. L. 211. Mr. Carleton.

Section 2. M. T. Th. F. 12:00. L. 212. Mr. Carleton.

SOCIOLOGY 112S.—General Social Science.—A continuation of Sociology 111S. 2 semester hours credit. M. W. Th. S. 10:00. L. 211. Mr. Carleton.

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\*Only four of the courses starred will be given during the summer of 1929.

SOCIOLOGY 231.—Community Recreation.—A course of practical training in community leadership; evaluation of indoor and outdoor recreational programs; various games and stunts; methods of organizing and promoting social entertainments for all occasions. 1 semester hour credit. M. Th. 9:00. Gymnasium. Miss Hill.

SOCIOLOGY 259.—The Visiting Teacher.—The Visiting Teacher Movement with special emphasis on the problem child. 1 semester hour credit. First two weeks of session. M. T. W. Th. F. 2:00-4:00. L. 109. Miss Taylor.

SOCIOLOGY 311.—Problems of Child Welfare.—Conservation of life; health and physique; training and education including industrial and moral; child labor; juvenile delinquency; problems of dependent children. 2 semester hours credit. M. W. Th. S. 10:00. L. 109. Mr. Bristol.

SOCIOLOGY 313.—Florida Laws Affecting Child Welfare.—A study of the laws of Florida affecting child welfare and needed changes. Classes during the second two weeks of Summer School. 1 semester hour credit. M. T. Th. F. 2:00-4:00. L. 109. Mr. Bristol.

SOCIOLOGY 441.—Principles of Sociology.—A brief study of the principles of social evolution, social organization, social control and social progress. 3 semester hours credit. Daily 9:00. L. 203. 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 production and diffusion of the social income and to the diffusion of efficient socialized education. Prerequisite: Consent of instructor. 3 semester hours credit. Daily 12:00. L. 109. Mr. Bristol.

SOCIOLOGY 545.—Seminar in Methods of Social Progress.—For graduate students. To be taken in connection with Sociology 442 with occasional meetings for special reports. 3 semester hours credit. P. 106. Mr. Bristol.

## SPANISH

SPANISH 21.—This is the first semester of beginners' Spanish, and will cover such matters as pronunciation, forms, elementary syntax, vocabulary, diction, and written exercises. Textbook: Marder and Tarr, "A First Spanish Grammar" (Gill and Co., Atlanta). 3 semester hours credit. Daily 11:00. P. 209. Mr. Hathaway.

SPANISH 22.—Second semester of beginners' Spanish; continues course above described, using the same grammar as Spanish 21. Adds as a reader, "Cuentos Contados" (Heath and Co., New York). Prerequisite: Spanish 21, or its equivalent. 3 semester hours credit. Daily 9:00. P. 209. Mr. Hathaway.

SPANISH 102.—This is the second semester of second year Spanish; like the first in matters covered, except that the second year requires more in the quantity and the quality of the work. Textbooks: Galland and Brenes-Meser's, "Spanish Grammar Review" (Allyn and Bacon, Atlanta). For reading and study in class Owen's edition of Baroja's "Zalocain el Aventurero" (Heath and Co., New York). Prerequisites: Spanish 21, 22 and 101, or their equivalent. 3 semester hours credit. Daily 8:00. P. 209. Mr. Hathaway.

## SPEECH

SPEECH 332.—The Speaking Voice.—The aim of this course is to enable students to acquire for themselves attractive voices and to equip teachers to develop in their pupils pleasing and attractive voices. Affords much practice in speaking and in oral reading under careful, constructive criticism. 2 semester hours credit. M. W. Th. F. 12:00. P. 205. Miss Payne.

SPEECH 333.—Story-Telling.—The art of telling stories aloud to children. The principles are carefully studied and much practice is given. Constructive analysis is afforded of the performance of each student. 2 semester hours credit. M. T. Th. F. 2:00. P. 205. Miss Payne.

SPEECH 433.—The Conduct of Dramatics in the Public School.—The principles and practices of staging plays under

school conditions. One long play and several short plays are actually produced, in public performance, by the class. Elements of the technique of coaching and of staging; lighting, backgrounds; inexpensive furnishings and costumes. 2 semester hours credit. M. W. Th. S. 10:00. P. 205. Miss Payne.

## LIST OF APPROVED BOARDING AND ROOMING HOUSES

Below are given some of the names and addresses of persons who will take students to board during the Summer School. Roomers are expected to provide themselves with the necessary bed clothes, towels, etc. The houses listed below have been inspected by the University authorities, and the rooms are clean, well ventilated and convenient to bath. Each house where women students are taken will be provided with a responsible woman as preceptress. In making reservation, a deposit of \$5.00, advance payment on room, is usually required. When a room is engaged it is understood that it is for the entire term of eight weeks, unless there is an agreement to the contrary. In case the list below is not satisfactory for the prospective students' needs, we shall be glad to give assistance if desired.

Note: Persons listed below for both men and women are in charge of separate houses for each or they wish men and women for table board only.

	No. Women in house	No. Men in house	Price of room per week				Table board Price per week
			Single	Two in room	Three in room	Room with Board	
Adkins, Mrs. C. J., 449 Roux St.	12	1	4.50				
Anderson, Mrs. F. M., 200 Washington St.				4.00			\$6.00
Ange, Mrs. O. J., 139 S. Seventh St.		7	3.50	6.00			
Atkinson, Mrs. H. L., 1719 W. Court St.		2		5.00			6.00
Bashaw, Mrs. P. P., 2023 W. Leon St.	10			3.00			5.00
Bell, Mrs. C. E., 324 University Terrace	2	2		6.00			
Bridges, Mrs. Allen, 1431 W. Union St.		10	3.00	5.00			
Bridges, Mrs. F. E., 1227 W. University Ave.	10			6.00			
*Bryant, Mrs. E. W., 326 Washington St.	8						
Cobb, Mrs. S. E., 1720 W. University Ave.	14	20	2.50	4.00	6.00	7.50	6.00
Cragin, Mrs. F. W., 408 Washington St.		18					
Culpepper, J. B., Theta Chi House.		20					
Davis, Mrs. M. R., 344 Washington St.	6			3.50			
Fennell, Mrs. J. M., 1257 W. Union St.	16			6.00			
Gilrie, Mrs. O., 1321 W. University Ave.		12		6.00			
Go'den, Mrs. L., 1846 W. Leon St.		11	2.50	5.00			6.00
Gunn, Mrs. Annie, 1411 W. Union	8		2.00	5.00			
Gunz, Mrs. W. H., 1956 Hernando St.	9			4.00			
Hardee, Mrs. E. R., 1234 W. Union St.		12		4.00			
Hayes, Mrs. Clara, 232 Lafayette St.		22		5.00	3.50		6.00
Hazen, Mrs. Ruby, 224 Lafayette St.				5.00			6.00
Kent, Mr. A. L., 1764 W. Court St.	14			3.00			
Lancaster, Mrs. N. M., 325 Lafayette St.		2		5.00			6.00



McQuarrie, Mrs. Bruce, 266 Cedar St.	8	7	3.00	5.00	6.00
Martin, Mrs. Roe, 1962 Hernando St.	12	12	5.00	5.00	6.00
Mitchell, Mrs. W. K., 354 Colson St.	2	2	4.00	4.00	
Mixson, Mrs. C. G., 1053 W. Union St.	18	18	3.50	3.50	
*Mizelle, Mrs. C. F., 214 Washington St.	8	8	2.00	3.50	10.00
Nelson, Mrs. C. E., 1122 W. University Ave.	8	8	5.00	5.00	
Nolder, Mrs. C. F., 1822 W. Leon St.	10	10	4.00	5.00	6.00
Norton, Miss Nora, 1420 W. University Ave.			4.00	6.00	6.00
*Offutt, Mrs. Mary S., 334 N. Pleasant St.	5	1	3.00		
*Peel, Mrs. Maud, 1804 Hernando St.	5	5	2.50	5.00	7.50
Perry, Mrs. W. S., 215 Roux St.	5	5	2.00	4.00	7.50
Platt, Mrs. Wm., 2006 W. University Ave.	12	12	5.00	5.00	
Potts, Mrs. E. A., 1423 W. Court St.	10	10	5.00	5.00	
Price, Mrs. Melvin, 958 E. University Ave.	14	14	5.00	5.00	
*Rabb, Mrs. E. G., 1438 W. Court St.	12	12	6.00	6.00	
Rabb, Mrs. Ethel, 1538 W. Court St.	12	12	3.50	3.50	
Race, Mrs. J. L., 1110 W. University Ave.	12	12	4.00	5.00	6.00
Robertson, Mrs. J., 325 College Park Ave.	12	12	4.00	4.00	6.00
Rogers, Mrs. S. H., 223 N. 9th St.	12	12	4.00	4.00	
*Saunders, Mrs. J. W., 1664 W. Court St.	1	1	4.00	4.00	
Saunders, Mrs. O. N., 1168 W. Union St.	24	24	3.00	3.00	5.00
Scott, Mrs. J. M., 1110 W. Masonic St.	3	3	2.00	4.00	5.00
*Senn, Mrs. M. E., 1832 W. Court St.	25	14	4.00	4.00	6.00
Sheffield, Mrs. L. O., 1653 W. Mechanic	10	10	4.50	5.00	
Stanly, R. L., 1906 W. University Ave.					6.00
Steen, Mrs. A. M., 336 Roux St.	14	14	6.00	4.00	4.00
Stribling, Mrs. J. N., 1656 W. University	10	6	4.00	5.00	5.00
Tench, Mrs. J. D. L., 1245 W. University Ave.	2	2	5.00	5.00	
Traxler, Mrs. L. W., 129 College Park Ave.	2	2	5.00	5.00	
Waits, Mrs. H. W., 1254 W. Union St.	15	15	7.50	7.50	
Walker, Mrs. Bryan, 1306 W. Union St.	4	4	6.00	6.00	
Watson, Mrs. J. R., 1236 W. Masonic St.	8	8	3.50	4.50	
West, Mrs. E., 335 University Terrace	12	12	2.00	3.50	6.25
Williams, J. D., 1857 Hernando St.					6.00
Winston, Mrs. F. H., 1111 W. Masonic St.					4.50
Wood, Mrs. Cora G., 1432 W. Masonic St.					3.50
Woodward, Mrs. T. G., 1815 Leon St.					4.00
*136 N. Lafayette St.					

\*Indicates can accommodate children.

## APARTMENTS AND HOUSES FOR HOUSEKEEPING

NAME and ADDRESS	No. Rooms	Garage	Furnished	Linen	Silver	Price per Term of Eight Weeks
Angle, Mrs. O. J., 139 S. Seventh.....	8	Yes	Yes	No	No	\$200.00
Bell, Mrs. C. E., 324 University Terrace.....	7	Yes	Yes	No	Yes	100.00
*Bristol, Dr. L. M., 234 Roux St..... (3 apartments)	4	Yes	Yes	No	No	100.00 90.00
*Offutt, Mrs. M. S., 334 N. Pleasant St.....	3	Yes	Yes	Yes	Yes	60.00
*Rabb, Mrs. E. G., 1538 W. Court St.....	5	No	Yes	No	No	100.00
Thrasher, Mrs. B. E., 421 Roux St.....	5	Yes	Yes	No	Yes	100.00

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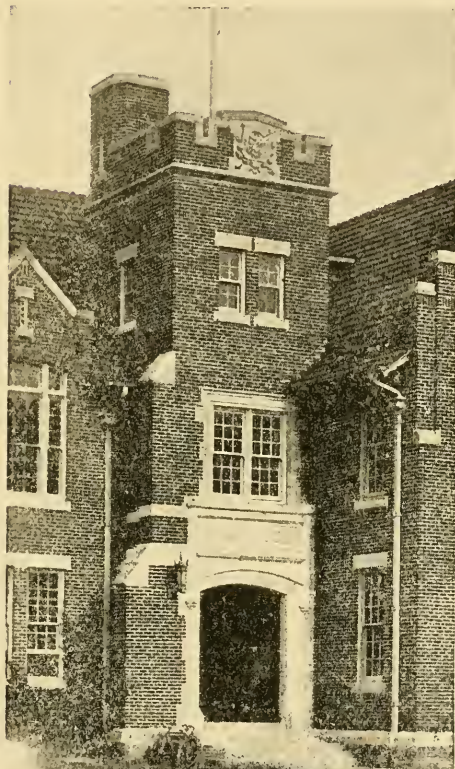
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1929-30

No. 1

UNIVERSITY OF FLORIDA  
**College of Law**  
GAINESVILLE



TWENTY-FIRST  
ANNUAL ANNOUNCEMENT  
1929-30







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## 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 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 Debating Society. The building is steam-heated, 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 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 text books, 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 will render such aid as the students may need in their use of the books.

**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.

**GYMNASIUM.**—A brick and stone structure of two stories and basement, one hundred and six feet long and fifty-three wide. It is steam-heated, supplied with hot water, and well-lighted and ventilated. A gallery around the main floor provides space for spectators at gymnastic exhibitions. The basement contains lockers, shower baths and toilets. Adjacent is a swimming-pool, thirty-six feet long and twenty-four feet wide, and from four and one half to seven feet deep. Organized classes are conducted by the Professor of Physical Culture.

**FLEMING FIELD.**—A large and well-kept athletic field equipped for the various outdoor games and sports which in this climate are carried on the year round.

## ADMISSION

REQUIREMENTS FOR ADMISSION.—Those entering 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.

A high school unit represents a course of study pursued thruout the school year with five recitation periods of at least forty-five minutes per week, four courses being taken during each of the four years.

Seven of the high school units are prescribed, viz: English 3; Mathematics 2; History 1; Science 1. The remaining units may be chosen from among the subjects regularly taught in a standard high school, although not more than four will be accepted in vocational subjects—agriculture, mechanic arts, stenography, typewriting, etc.

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.

The certificate must be officially signed by the principal of the school attended, and *must be presented to the Registrar on or before the date on which the candidate wishes to register*. It must state in detail the work of preparation and, in the case of Florida high schools, that the course *thru the twelfth grade* has been satisfactorily completed. Students not presenting a statement of graduation from high school will be required to take entrance examinations in all subjects presented for entrance.

Blank certificates, conveniently arranged for the desired data, will be sent to all high-school principals and, upon application, to prospective students.

No specific course of studies is prescribed for the college work required for admission; but, in general, students are advised to pursue the course offered by the College of Arts and Sciences or by the College of Commerce. Thereby it will be easier for them to complete the combined academic and law course should they so desire.

**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

The yearly expenses of a law student who is a permanent legal resident, exclusive of incidentals, may be summarized as follows:

Tuition .....	\$40.00
Registration Fee and Contingent Fee.....	7.50
Student Activity Fee .....	23.60
Infirmary Fee .....	9.00
Locker Service Fee .....	1.50
Board and Lodging (in advance).....	200.00
Books (about) .....	65.00
	<hr/>
	346.60

An additional fee of five dollars (\$5.00) is required of students who do not complete their registration on the dates set by the Council.

Registration is not complete until all University bills are paid. Those who fail to meet this obligation are not regarded as members of the University.

*Students who are assigned to student service will be required to pay their fees at the beginning of the semester in cash; and at the end of the semester, or at such time as the service to which they are assigned is completed, the University will pay them in cash for the work done.*

*No refund of any fees except unused portions of laboratory fees, will be made after the student has attended class for three days.*

Tuition is payable in advance, \$20.00 each semester. Students taking less than eleven hours of work are charged a proportionate part of the full tuition.

Non-resident students will pay an additional tuition fee of \$100.00 for the year, \$50.00 per semester in advance. The burden of proof as to residence is with the student. Any student who registers improperly under the above rule will be required to pay the non-resident tuition and also a penalty of \$10.00.

A diploma fee of five dollars (\$5.00), is charged all candidates for degrees.

Students are urged to provide themselves with the Statutes of their state and a law dictionary. These books will form a nucleus for a future library, and by the purchase of second-hand books the cost may be materially reduced.

The charge for board and lodging and janitor service is one hundred dollars (\$100.00) per semester in the old dormitories and one hundred-sixteen (\$116.00) in the new, payable at the beginning of each semester.

For more detailed statements reference is made to the University catalog, pp. 43-45.

Board and lodging in private homes may be secured at the rate of thirty-five to forty-five dollars (\$35.-\$45.00) per month. For copy of lists and advance information, address the General Secretary, Y.M.C.A., University of Florida.

The dormitories are inadequate. Freshmen are given preference in reservations. Students wishing to stay in them are urged to reserve their rooms at the earliest possible date. Application should be made to Mr. K. H. Graham, Business Manager.



A room reservation fee of \$10.00 is charged for dormitory space, and is payable in advance. This fee is retained as a deposit until the student gives up his room, when refund, less any charges for damages incurred during his residence there, is made.

### 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, to membership in which law students are eligible. They are not required, however, to join this organization or to take any other military drill.

**MARSHALL DEBATING SOCIETY.**—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 was fittingly named "The Marshall Debating Society", 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.

**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 in their law studies of 10% above the passing mark, 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.). After 1929-30 the average standing must be B.

**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. Candidates for either the A.B. or the B.S. degree may elect twelve year-hours of work from the first year of the course of the College of Law and count the same as credits toward the aforesaid degrees. Such degrees will not be conferred, however, until after the completion of the second year of the law work. See University Catalog, pp. 63, 122.

### 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. 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 (95-100), B (86-94), C (77-85), D (70-76), E (below 60). D is the lowest passing grade. E is failure.

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.

In addition to passing the required courses, students must average C in all courses used for meeting the requirements of a degree. 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.

### EXAMINATIONS

Searching examinations are held at the end of each semester.

No fee is charged those taking an examination at the regular semester examination period. To take an 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, the maximum charge of any period for such examinations being fixed at \$5.00.

A fee of \$5.00 is charged for each examination given at a time other than the regularly scheduled examination.

Re-examinations have been abolished.

### FAILURE IN STUDIES

A final grade, based upon the examination and the monthly grades, is assigned for each semester's work. If this grade falls below D, the student is considered to have failed and may proceed only with the permission of his Dean.

*A student who fails fifty per cent or more of his work for the mid-semester or for the semester, or for the Summer School, will be dropped from the University by the Registrar and will be re-instated at the discretion of his Dean, if he makes application for such reinstatement not later than forty-eight hours (exclusive of Saturday afternoons, Sundays, and holidays) after the notice has been mailed to his University address by the Registrar.*

*A student who fails fifty per cent or more of his work twice is automatically dropped from the University. These two failures need not be consecutive.*

*A student dropped for failure in studies at the mid-semester may re-register for the following semester, or for the Summer School; a student dropped at the close of the first semester may re-register for the Summer School or for the following fall semester.*

*A student who has been dropped twice for failure in studies may never again register in any college at the University of Florida, except by permission of the University Council. Every portion of this rule is applicable to special students, to students registered in more than one college at one time, and to students who transfer from one college to another.*

## 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 recently have been compiled and revised, many important changes being made. It is expected that they will be printed and ready for distribution by the beginning of the session of 1929-30, and students are urged to familiarize themselves therewith.

## PLEADING AND PRACTICE

COURSES.—Differing from some other law schools, this 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, General 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 ad-

vantages of travel, new associations, and salubrious climate with those of the superior 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 thruout the year in an admirably 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.

## CURRICULUM

## FIRST YEAR

## FIRST SEMESTER

301. TORTS.—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. (*5 hours. Professor Trusler; Assistant, Professor Day.*)

303. CONTRACTS.—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 Contract, fourth edition. (*Two sections. 3 hours. Professor Thompson.*)

305. CRIMINAL LAW.—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. (*Two sections. 2 hours. Professor Cockrell.*)

307. CRIMINAL PROCEDURE.—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. (*Two sections. 2 hours. Professor Cockrell.*)

309. PROPERTY.—Personal property; possession and rights based thereon; acquisition of title; liens and pledges; conver-

sion. Textbook: Warren's Cases on Property. (*Two sections. 2 hours. Professor Crandall.*)

### SECOND SEMESTER

302. EQUITY JURISPRUDENCE.—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. (*5 hours. Professor Trusler; Assistant, Professor Day.*)

304. CONTRACTS.—Joint obligations; interpretation of contracts; rules relating to evidence and construction; discharge of contract. Textbook: Throckmorton's Cases on Contract, fourth edition. (*Two sections. 3 hours. Professor Thompson.*)

306. MARRIAGE AND DIVORCE.—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. (*Two sections. 1 hour. Professor Cockrell.*)

308. COMMON LAW PLEADING.—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. (*Two sections. 3 hours. Professor Crandall.*)

312. PROPERTY.—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. (*Two sections. 2 hours. Professor Crandall.*)

## SECOND YEAR

## FIRST SEMESTER

401. UNITED STATES CONSTITUTIONAL LAW.—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. (4 hours. Professor Slagle.)

403. AGENCY.—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. (2 hours. Professor Thompson.)

405. EQUITY PLEADING.—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. (3 hours. Professor Te Selle.)

407. BRIEF MAKING AND THE USE OF LAW BOOKS.—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. (Two sections. 1 hour. Professor Day.)

409. PROPERTY.—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. (3 hours. Professor Day.)



411. FLORIDA CONSTITUTIONAL LAW.—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. Textbooks: Constitution, statutes, and judicial decisions of Florida. (2 hours. Professor Trusler.)

413. FLORIDA CIVIL PRACTICE.—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. (Section A. 3 hours. Professor Crandall.)

417. SALES.—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. (1 hour. Professor Day.)

## SECOND SEMESTER

402. EVIDENCE.—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. (4 hours. Professor Cockrell.)

404. QUASI CONTRACTS.—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. (2 hours. Professor Day.)

406. PRIVATE CORPORATIONS.—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. (4 hours. Professor Slagle.)

408. LEGAL ETHICS.—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 to society. Textbooks: Attorneys at Law in Ruling Case Law and the Code of Ethics adopted by the American Bar Association. (1 hour. Professor Day.)

410. PROPERTY.—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. (3 hours. Professor Thompson.)

412. FLORIDA CIVIL PRACTICE.—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. (Section B. 3 hours. Professor Cockrell.)

416. INSURANCE.—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. (1 hour. Professor Te Selle.)

**THIRD YEAR**  
**FIRST SEMESTER**

503. PUBLIC SERVICE CORPORATIONS.—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. (2 hours. Professor Slagle.)

505. FEDERAL PROCEDURE.—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. (2 hours. Professor Slagle.)

509. PARTNERSHIP.—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. (2 hours. Professor Thompson.)

513. PROPERTY.—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. (3 hours. Professor Crandall.)

515. MORTGAGES.—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. (2 hours. Professor Cockrell.)

517. ROMAN LAW.—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. (3 hours. Professor Simonds.)

519. TRIAL PRACTICE AND PRACTICE COURT.\*—Jurisdiction; process; the jury; instructions. Preparation of pleadings and trial of cases. Textbook: McBaine's Cases on Trial Practice. (3 hours. Professor Te Selle.)

521. TRUSTS.—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. (2 hours. Professor Day.)

#### SECOND SEMESTER

502. DAMAGES.—General principles; nominal; compensatory; exemplary; liquidated; direct and consequential; proximate and remote; general and special; measure in contract and tort actions; entire damages 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. (2 hours. Professor Trusler.)

504. MUNICIPAL CORPORATIONS.—Creation of cities and towns; powers of a municipality, including public powers, power of taxation, power over streets and alleys, etc.; obligations and liabilities of municipal corporations; powers and liabilities of officers. Textbook: Elliott on Municipal Corporations, second edition. (1 hour. Professor Crandall.)

506. NEGOTIABLE INSTRUMENTS.—Law merchant; definitions and general doctrines; contract of the maker, acceptor, certifier, drawer, indorser, vendor, accommodater, assurer;

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\*In special cases permission may be given to take either Trial Practice or Practice Court.

proceedings before and after dishonor of negotiable instruments; absolute defenses; equities; payments; conflict of laws. Textbook: Britton's Cases on Bills and Notes. (3 hours. Professor Day.)

508. CONFLICT OF LAWS.—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. (3 hours. Professor Slagle.)

510. ABSTRACTS.—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. (1 hour. Professor Thompson.)

516. ROMAN LAW.\*—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. (3 hours. Professor Simonds.)

518. TRIAL PRACTICE AND PRACTICE COURT.—Trials; verdicts; judgments; new trials; bills of exceptions. Preparation of pleadings and trial of cases. Textbook: McBaine's Cases on Trial Practice. (3 hours. Professor Te Selle.)

520. BANKRUPTCY.—Federal and state bankruptcy legislation; who may become bankrupt; prerequisites to adjudication; receivers; trustees; provable claims; exemptions; composition; discharge; appeals. Textbook: Brittons' Cases on Bankruptcy. (2 hours. Professor Te Selle.)

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\*Only three semester hours of Roman Law will be counted toward a degree.

522. ADMIRALTY.—Jurisdiction; contracts, torts, crimes; maritime liens, ex contractu, ex delicto, priorities, discharge; bottomry and respondentia obligations; salvage; general average. Textbook: Hughes on Admiralty. (*2 hours. Professor Slagle.*)

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Those who desire further information concerning the College of Law may address letters of inquiry to Harry R. Trusler, Dean of the College of Law, Gainesville, Florida.

## REGISTER

## DEGREES CONFERRED

May 28, 1929

*Juris Doctor*

Brown, Algernon Dana .....	St. Petersburg, Fla.
Denison, Edward O. ....	Fort Pierce, Fla.
Harris, William Curry .....	Key West, Fla.
Inman, Rudolph Joe .....	Lake City, Fla.
Kendall, Michael M. ....	Winter Haven, Fla.
Roberts, Nathan J. ....	Daytona Beach, Fla.
Stanly, Richard Lee .....	Ft. Lauderdale, Fla.
Thacker, Omer Stephen .....	Kissimmee, Fla.

*Bachelor of Laws*

Aikin, Horace Dean .....	St. Petersburg, Fla.
Airth, George Edward .....	Live Oak, Fla.
Anderson, Jr., Charles B. ....	Tampa, Fla.
Atwater, Jr., James M. ....	Burlington, N. C.
Bancroft, Winthrop .....	Jacksonville, Fla.
Baynard, Henry Swinton .....	St. Petersburg, Fla.
Bennett, Stanley LeRoy .....	Prospect Plains, N. J.
Bishop, Howard Wayne .....	Gainesville, Fla.
Black, Arthur Keith .....	Lakeland, Fla.
Bouvier, Jr., John Andre .....	Gainesville, Fla.
Bradford, A. Lee .....	Miami, Fla.
Bryan, Allan .....	Jacksonville, Fla.
Buie, Jr., George Archibald .....	Lake City, Fla.
Burr, Raymond Orlando .....	Tallahassee, Fla.
Casebier, Herbert Nicholas .....	Kathleen, Fla.
Cannon, Frank Thomson .....	Falmouth, Fla.
Cleveland, Jr., Wilburn A. ....	Jacksonville, Fla.
Davis, William Mahon .....	St. Petersburg, Fla.
Edelstein, Marcus .....	Gainesville, Fla.
English, Bernard Henry .....	Lake City, Fla.
Enwall, Hayford Octavius .....	Gainesville, Fla.
Fisher, Augustus Alston .....	Pensacola, Fla.
Frank, David .....	Miami, Fla.
Frazier, Jr., Joseph Wheeler .....	Tampa, Fla.
Garner, Jr., James Franklin .....	Fort Myers, Fla.
Gillis, Alva Knox .....	Ponce de Leon, Fla.
Graham, George Boyington .....	Tampa, Fla.
Graham, John Louis .....	DeLand, Fla.
Gramling, William Sanders .....	Miami, Fla.
Granger, Stanley .....	Miami, Fla.
Hendry, Jr., H. Asbury .....	Tampa, Fla.
Hill, William Logan .....	Washington, D. C.
Holsberry, John Edwin .....	Pensacola, Fla.
Hughes, Robert Lawrence .....	Bartow, Fla.
Judge, William William .....	Daytona Beach, Fla.
Kustoff, Michael .....	Lake Wales, Fla.
Lanier, David .....	Madison, Fla.
Lewis, Jr., Edward Clay .....	Marianna, Fla.
Linebaugh, Charles David .....	Tampa, Fla.
Long, Latimer Ashlay .....	Polk City, Fla.
McClain, Will Kelly .....	Lebanon, Tenn.
Messer, Jr., James .....	Tallahassee, Fla.

Rifkin, Lewis Burney .....	Miami, Fla.
Ripley, Wayne Eugene .....	South Jacksonville, Fla.
Schwartz, Joseph .....	Miami, Fla.
Sears, Jr., William Joseph .....	Jacksonville, Fla.
Silverman, Sam .....	Miami Beach, Fla.
Smith, Allen Lowd .....	New Smyrna, Fla.
Swink, William Marion .....	Woodruff, S. C.
Thrower, Frank Briggs .....	Quincy, Fla.
Traxler, Leon William .....	Alachua, Fla.
Turner, Jr., Glover Manuel .....	South Jacksonville, Fla.
Vanderipe, Jr., John Fisk .....	Bradenton, Fla.
Williams, Nat Lawrence .....	Miami, Fla.

## THIRD YEAR CLASS

Abernathy, Jr., James Greenwood .....	Ft. Lauderdale, Fla.
Aikin, Horace Dean .....	St. Petersburg, Fla.
Airth, George Edward .....	Live Oak, Fla.
Anderson, Jr., Charles B. ....	Tampa, Fla.
Atwater, Jr., James M. ....	Burrington, N. C.
Bancroft, Winthrop .....	Jacksonville, Fla.
Baynard, Henry Swinton .....	St. Petersburg, Fla.
Bennett, Stanley LeRoy .....	Prospect Plains, N. J.
Bishop, Howard Wayne .....	Gainesville, Fla.
Black, Arthur Keith .....	Lakeland, Fla.
Boozler, Elwin Claud .....	West Palm Beach, Fla.
Bouvier, Jr., John Andre .....	Gainesville, Fla.
Bradford, A. Lee .....	Miami, Fla.
Brown, Algernon Dana .....	St. Petersburg, Fla.
Bryan, Allan .....	Jacksonville, Fla.
Buie, Jr., George Archibald .....	Lake City, Fla.
Burr, Raymond Orlando .....	Tallahassee, Fla.
Casebier, Herbert Nicholas .....	Kathleen, Fla.
Cannon, Frank Thomson .....	Falmouth, Fla.
Chambliss, James Walter .....	Tampa, Fla.
Cleare, Jr., Allan Bruce .....	Key West, Fla.
Cleveland, Jr., Wilburn A. ....	Jacksonville, Fla.
Davis, William Mahlon .....	St. Petersburg, Fla.
Dehoff, Philip Donald .....	Jacksonville, Fla.
Denison, Edward O. ....	Fort Pierce, Fla.
Edelstein, Marcus .....	Gainesville, Fla.
English, Bernard Henry .....	Lake City, Fla.
Enwall, Hayford Octavius .....	Gainesville, Fla.
Fisher, Augustus Alston .....	Pensacola, Fla.
Frank, David .....	Miami, Fla.
Frazier, Jr., Joseph Wheeler .....	Tampa, Fla.
Garner, Jr., James Franklin .....	Fort Myers, Fla.
Gillis, Alva Knox .....	Ponce de Leon, Fla.
Graham, George Boyington .....	Tampa, Fla.
Graham, John Louis .....	DeLand, Fla.
Gramling, William Sanders .....	Miami, Fla.
Granger, Stanley .....	Miami, Fla.
Guyton, Charles Moses .....	Marianna, Fla.
Hall, Malcolm Jackson .....	Tampa, Fla.
Harris, William Curry .....	Key West, Fla.
Hawley, Jr., Clifford Daniel .....	Lakeland, Fla.
Hendry, Jr., H. Asbury .....	Tampa, Fla.
Hill, William Logan .....	Washington, D. C.
Holsberry, John Edwin .....	Pensacola, Fla.
Hughes, Robert Lawrence .....	Bartow, Fla.
Inman, Rudolph Joe .....	Lake City, Fla.
Jordan, William Douglas .....	New Smyrna, Fla.



Judge, William William .....	Daytona Beach, Fla.
Kendall, Michael M. ....	Winter Haven, Fla.
Kolbe, Henry Harold .....	Waukegan, Ill.
Lanier, David .....	Madison, Fla.
Lewis, Jr., Edward Clay .....	Marianna, Fla.
Lewis, Jr., Henry Hays .....	Marianna, Fla.
Linebaugh, Charles David .....	Tampa, Fla.
Long, Latimer Ashlay .....	Polk City, Fla.
McClain, Will Kelly .....	Lebanon, Tenn.
Messer, Jr., James .....	Tallahassee, Fla.
Model, Jacob .....	Gainesville, Fla.
Pepper, Jr., William Mullen .....	Gainesville, Fla.
Pogue, Cyril E. ....	Orlando, Fla.
Ramsey, Allan Collier .....	Tampa, Fla.
Reese, John Lewis .....	Pensacola, Fla.
Richards, Benjamin Pierpont .....	Gainesville, Fla.
Richards, John Lawler .....	Tampa, Fla.
Rifkin, Louis Burney .....	Miami, Fla.
Ripley, Wayne Eugene .....	South Jacksonville, Fla.
Rivers, Thomas Judson .....	Green Cove Springs, Fla.
Roberts, Nathan J. ....	Daytona Beach, Fla.
Sarra, Ernest LaMar .....	Gainesville, Fla.
Schwartz, Joseph .....	Miami, Fla.
Sears, Jr., William Joseph .....	Jacksonville, Fla.
Silverman, Sam .....	Miami Beach, Fla.
Smith, Allen Lowd .....	New Smyrna, Fla.
Smith, David Clair .....	Wabasso, Fla.
Stanly, George Booth .....	Ft. Lauderdale, Fla.
Stanly, Richard Lee .....	Ft. Lauderdale, Fla.
Stewart, Arthur Edward .....	Coconut Grove, Fla.
Swink, William Marion .....	Woodruff, S. C.
Thrower, Frank Briggs .....	Quincy, Fla.
Traxler, Leon William .....	Alachua, Fla.
Turner, Edward Eugene .....	Stuart, Fla.
Turner, Jr., Glover Manuel .....	South Jacksonville, Fla.
Vanderipe, Jr., John Fisk .....	Bradenton, Fla.
Vega, Jr., Celestino Camilo .....	Tampa, Fla.
Wallace, Samuel Delmar .....	Gainesville, Fla.
West, Jr., Thomas Franklin .....	Gainesville, Fla.
Williams, Nat Lawrence .....	Miami, Fla.
Wilson, Horace S. ....	Gainesville, Fla.
Wise, Jacob Hooper .....	Gainesville, Fla.

## SECOND YEAR CLASS

Airth, Alfred Thomas .....	Live Oak, Fla.
Akridge, William Greenberry .....	Cocoa, Fla.
Ausley, Charles Saxon .....	Tallahassee, Fla.
Bailey, Wilfred George .....	Port Richey, Fla.
Bonsteel, Louis Spencer .....	Lake City, Fla.
Brandt, Edward Frederick .....	Gainesville, Fla.
Brooks, Roy Ray .....	Tampa, Fla.
Buck, Kenneth Victor .....	Miami, Fla.
Burch, Ernest William .....	Ocala, Fla.
Calvert, Donald Ellwood .....	Newton Hamilton, Pa.
Camp, Henry Nurney .....	Ocala, Fla.
Campbell, Byron Fred .....	Hilliard, Fla.
Carlton, Mabry A. ....	Jacksonville, Fla.
Carlton, Thad Hudson .....	Fort Pierce, Fla.
Childs, Lawrence David .....	St. Petersburg, Fla.
Coleman, Burnis Theo .....	Panama City, Fla.
Connor, Warren William .....	Pensacola, Fla.

Coogler, Monroe Alvin .....	Brooksville, Fla.
Curry, Edgar Hayden .....	Nokomis, Fla.
D'Alemberte, Daniel Willoughby .....	Pensacola, Fla.
Davis, Harold Gilbert .....	St. Petersburg, Fla.
Denham, George Leitner .....	Bartow, Fla.
Dubler, Sheldon .....	Miami, Fla.
Edwards, Carlos Leroy .....	Miami, Fla.
Evans, Lewis Alexander .....	Gainesville, Fla.
Farnsworth, Harold Charles .....	Tampa, Fla.
Featherstone, Leland Blane .....	Miami, Fla.
Felson, Edgar Martin .....	Jacksonville, Fla.
Ferguson, Chester Howell .....	Wauchula, Fla.
Fishler, H. W. ....	Fernandina, Fla.
French, John Compton .....	Tampa, Fla.
Fuller, Herbert Francis .....	New Smyrna, Fla.
Getzen, Jr., James Culbert .....	Webster, Fla.
Gravelly, Jr., Louis Overton .....	Labelle, Fla.
Green, Carl Roger .....	St. Petersburg, Fla.
Green, George Marvin .....	Tampa, Fla.
Grenelle, Edwin William .....	Palm Harbor, Fla.
Griggs, Hulbert Eugene .....	Rockledge, Fla.
Hardee, James Edward .....	Madison, Fla.
Helvenston, George Rudolph .....	Jacksonville, Fla.
Herlong, Jr., Albert Sydney .....	Leesburg, Fla.
Houk, Dean Charles .....	St. Petersburg, Fla.
Johnson, Arrie Lee .....	Jay, Fla.
Johnson, Dewey Macon .....	Quincy, Fla.
Kaplan, Harry Maurice .....	Miami, Fla.
Love, Francis Edmond .....	Lake Worth, Fla.
Love, Jr., Herbert A. ....	DeFuniak Springs, Fla.
Luther, Charles William .....	Daytona Beach, Fla.
MacKenzie, Edward S. ....	Leesburg, Fla.
McNatt, John Mathews .....	Uvalda, Ga.
Marks, Paul Harold .....	Miami, Fla.
Mathis, Jr., Charles Carvel .....	Hastings, Fla.
Meeth, Jr., Louis Henry .....	New Port Richey, Fla.
Miller, Edwin Lee .....	Orlando, Fla.
Moyer, Martin Hartwell .....	Fort White, Fla.
Owenby, Jr., Carl Lester .....	Lakeland, Fla.
Phillips, William Sigmon .....	Tampa, Fla.
Platt, William Zachary .....	Arcadia, Fla.
Rawls, Vernon Charles .....	Gainesville, Fla.
Ray, William Newton .....	Pensacola, Fla.
Rothstein, Abe .....	Jacksonville, Fla.
Saloman, Morris Seymour .....	Orlando, Fla.
Scholze, Robert Ellis .....	Miami, Fla.
Simpson, Arthur Allen .....	Jacksonville, Fla.
Stone, Wilbur Charles .....	St. Petersburg, Fla.
Tedder, Warren Louis .....	Live Oak, Fla.
Thomas, Walter Lowrance .....	Palm Harbor, Fla.
Thornal, Jr., Benjamin Campbell .....	Orlando, Fla.
Towles, Alton Myers .....	Crawfordville, Fla.
Troxler, Walter Ganett .....	Ocala, Fla.
Untreiner, Royal J. ....	Pensacola, Fla.
Willes, Errol Shippen .....	Jensen, Fla.

## FIRST YEAR CLASS

Alexander, Thomas .....	Tampa, Fla.
Anderson, Arthur Lochridge .....	Tampa, Fla.
Anderson, William Faris .....	Orlando, Fla.

Arnow, Carlton Columbus .....	Hawthorne, Fla.
Atkins, George Wesley .....	Blountstown, Fla.
Axtell, Reginald Randall .....	Jacksonville, Fla.
Bass, Clayton Claude .....	Live Oak, Fla.
Berryhill, Tom Oscar .....	Ft. Lauderdale, Fla.
Black, Kermit Kellogg .....	Tampa, Fla.
Bond, William Bours .....	Jacksonville, Fla.
Brannon, William Brantley .....	Lake City, Fla.
Brogdon, Wright Martin .....	Miami, Fla.
Brown, Clyde Ree .....	Graceville, Fla.
Brown, Jr., William Franklin .....	Miami, Fla.
Bruton, Jr., James De Witt .....	Plant City, Fla.
Bull, John Francis Burt .....	Gainesville, Fla.
Butler, Byron Neel .....	Chipley, Fla.
Carmichael, Parks Mason .....	Gainesville, Fla.
Carraher, John Joseph .....	St. Petersburg, Fla.
Cason, Roy Sloan .....	Delray Beach, Fla.
Chace, Thomas Stephen .....	Tampa, Fla.
Clark, Charles L. ....	Blountstown, Fla.
Cobb, Jr., William Alfred .....	West Palm Beach, Fla.
Connor, Henry .....	Inverness, Fla.
Cooperman, Leonard William .....	St. Petersburg, Fla.
Corbett, Jr., Deloren Dempsey .....	St. Augustine, Fla.
Currie, F. A. ....	West Palm Beach, Fla.
Dial, William Henry .....	Gainesville, Fla.
Dinning, William Layton .....	Tampa, Fla.
Dishong, William Word .....	Arcadia, Fla.
Donahoo, John William .....	Jacksonville, Fla.
Dongo, Joseph Harry .....	Key West, Fla.
Duckwall, William David .....	Bradenton, Fla.
Dugan, Auldon Berge .....	Gainesville, Fla.
Evers, Joel .....	Mulberry, Fla.
Feuer, Gus .....	Miami, Fla.
Fisher, Jr., William .....	Pensacola, Fla.
Ford, Raymond Edmund .....	Fort Pierce, Fla.
Frecker, William Hubert .....	Tampa, Fla.
Fuchs, Richard William .....	Homestead, Fla.
Furman, Abraham Gordon .....	Jacksonville, Fla.
Gill, Jo Dozier .....	Sarasota, Fla.
Goldstein, Kessler M. ....	La Grange, Ga.
Green, Harry .....	St. Petersburg, Fla.
Haines, Webber Bly .....	Altamonte Springs, Fla.
Hall, Jr., Charles Reade .....	Mobile, Ala.
Harrell, Maurice Ticer .....	Noblesville, Ind.
Harrison, Louis Stanley .....	Tampa, Fla.
Hawkins, Durward E. ....	Tampa, Fla.
Hiers, Jr., Bryant Dickinson .....	Gainesville, Fla.
Hirsch, Bennett Marcus .....	Jacksonville, Fla.
Horrell, Robert Paul .....	Gainesville, Fla.
Howze, Jr., Thomas Alston .....	Palmetto, Fla.
Huddleston, George Adam .....	Sanford, Fla.
Keezel, James Edward .....	Winter Park, Fla.
Kelly, Jr., Daniel Anthony .....	Fernandina, Fla.
Larson, John Edwin .....	Keystone Heights, Fla.
Lawrence, Richard Abbott .....	Melbourne, Fla.
Livingston, Howard Gordon .....	Orlando, Fla.
Loewenkopf, Jack .....	Jacksonville, Fla.
Lorraine, Charles Cabell .....	Jacksonville, Fla.
McLanahan, Clarence Rhodes .....	Bunnell, Fla.
Maddox, John Clyde .....	Wauchula, Fla.
Mahorner, Bernard Teague .....	Inverness, Fla.
Martineau, James Anthony .....	Marinette, Wis.

Massey, Hollis .....	Gainesville, Fla.
Mathis, Jr., Charles Robert .....	Panama City, Fla.
Messer, William Herbert .....	Sanford, Fla.
Miller, J. B. Hamner .....	Tampa, Fla.
Montgomery, Stephen Miles .....	Gainesville, Fla.
Munger, Forest Harrold .....	Rivera, Fla.
Neuwirth, Phillip Alvin .....	Tampa, Fla.
O'Berry, Karlyle .....	Tampa, Fla.
O'Connell, Phillip Dillon .....	Gainesville, Fla.
O'Mahoney, Jeremiah Patrick .....	Gainesville, Fla.
Parker, James Patrick .....	Jacksonville, Fla.
Pegg, John William .....	Hernando, Fla.
Phillips, Cecil Robert .....	Gainesville, Fla.
Phillips, Jr., Enoch Bothwell .....	Bartow, Fla.
Rainey, Morton Henry .....	Jacksonville, Fla.
Richardson, Hugh Bracey .....	Sarasota, Fla.
Rosenberg, Morris .....	St. Petersburg, Fla.
Safer, Moe Ben .....	Jacksonville, Fla.
Scadron, Ivis Josef .....	Tampa, Fla.
Schirard, John Rogero .....	Sanford, Fla.
Schwartz, Dan Richard .....	Jacksonville, Fla.
Shuler, Jay Alfred .....	Hosford, Fla.
Starnes, Finis Ewing .....	Fort Myers, Fla.
Stenstrom, Eric Corr .....	Wauchula, Fla.
Stokes, John Patrick .....	Miami, Fla.
Sult, William Marion .....	Lakeland, Fla.
Summers, Adolphus Eugene .....	High Springs, Fla.
Tomlinson, Laurence Wells .....	Lake Wales, Fla.
Vaccaro, Joseph Anthony .....	Tampa, Fla.
Walker, Jr., Shade Wilson .....	Tampa, Fla.
Watrous, Thomas M. ....	Tampa, Fla.
Watson, Jr., William Bedford .....	Jacksonville, Fla.
Williams, Jack Davis .....	Tampa, Fla.
Wilson, Alfred Edgar .....	Bradenton, Fla.
Winderweedle, William Elbert .....	Mayo, Fla.
Wolfe, Joseph Emmet .....	Miami, Fla.
Woodberry, Robert McTyer .....	Orlando, Fla.
Woods, James Pasco .....	Perry, Fla.
Woodward, William Edward .....	Quincy, Fla.
Yancey, Hervey Hall .....	Tampa, Fla.
Yarbrough, Lucien Bell .....	Nashville, Tenn.

## SPECIAL STUDENTS

Allen, John Edward .....	Tampa, Fla.
Bryan, Johnson Hamlin .....	Jacksonville, Fla.

## STUDENTS FROM OTHER COLLEGES TAKING ONE OR TWO SUBJECTS

Carleton, William Graves .....	Evansville, Ind.
DeHoff, William Joseph .....	Jacksonville, Fla.
Eshleman, Silas Kendrick .....	Gainesville, Fla.
Hudson, J. H. ....	Key West, Fla.
Josey, Metzger Elroy .....	Gainesville, Fla.
Roberts, W. H. ....	Homestead, Fla.

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