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Pembroke State College
for Indians

CATALOG

Containing the Register for 1943-44-45

And the Announcements for 1945-46-47

VOL. II

JUNE 1945

NO. 2

PEMBROKE STATE COLLEGE FOR INDIANS
PEMBROKE, NORTH CAROLINA

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ADMINISTRATION BUILDING

CALENDAR FOR 1945

JANUARY							APRIL							JULY							OCTOBER						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
	1	2	3	4	5	6	1	2	3	4	5	6	7	1	2	3	4	5	6	7		1	2	3	4	5	6
7	8	9	10	11	12	13	8	9	10	11	12	13	14	8	9	10	11	12	13	14	7	8	9	10	11	12	13
14	15	16	17	18	19	20	15	16	17	18	19	20	21	15	16	17	18	19	20	21	14	15	16	17	18	18	20
21	22	23	24	25	26	27	22	23	24	25	26	27	28	22	23	24	25	26	27	28	21	22	23	24	25	26	27
28	29	30	31				29	30						29	30	31					28	29	30	31			

FEBRUARY							MAY							AUGUST							NOVEMBER						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
				1	2	3			1	2	3	4	5				1	2	3	4					1	2	3
4	5	6	7	8	9	10	6	7	8	9	10	11	12	5	6	7	8	9	10	11	4	5	6	7	8	9	10
11	12	13	14	15	16	17	13	14	15	16	17	18	19	12	13	14	15	16	17	18	11	12	13	14	15	16	17
18	19	20	21	22	23	24	20	21	22	23	24	25	26	19	20	21	22	23	24	25	18	19	20	21	22	23	24
25	26	27	28				27	28	29	30	31			26	27	28	29	30	31		25	26	27	28	29	30	

MARCH							JUNE							SEPTEMBER							DECEMBER						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
				1	2	3					1	2						1							1		
4	5	6	7	8	9	10	3	4	5	6	7	8	9	2	3	4	5	6	7	8	2	3	4	5	6	7	8
11	12	13	14	15	16	17	10	11	12	13	14	15	16	9	10	11	12	13	14	15	9	10	11	12	13	14	15
18	19	20	21	22	23	24	17	18	19	20	21	22	23	16	17	18	19	20	21	22	16	17	18	19	20	21	22
25	26	27	28	29	30	31	24	25	26	27	28	29	30	23	24	25	26	27	28	29	23	24	25	26	27	28	29
														30							30	31					

CALENDAR FOR 1946

JANUARY							APRIL							JULY							OCTOBER								
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S		
		1	2	3	4	5			1	2	3	4	5	6			1	2	3	4	5	6			1	2	3	4	5
6	7	8	9	10	11	12	7	8	9	10	11	12	13	7	8	9	10	11	12	13	6	7	8	9	10	11	12		
13	14	15	16	17	18	19	14	15	16	17	18	19	20	14	15	16	17	18	19	20	13	14	15	16	17	18	19		
20	21	22	23	24	25	26	21	22	23	24	25	26	27	21	22	23	24	25	26	27	20	21	22	23	24	25	26		
27	28	29	30	31			28	29	30					28	29	30	31				27	28	29	30	31				

FEBRUARY							MAY							AUGUST							NOVEMBER						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
				1	2					1	2	3	4					1	2	3					1	2	
3	4	5	6	7	8	9	5	6	7	8	9	10	11	4	5	6	7	8	9	10	3	4	5	6	7	8	9
10	11	12	13	14	15	16	12	13	14	15	16	17	18	11	12	13	14	15	16	17	10	11	12	13	14	15	16
17	18	19	20	21	22	23	19	20	21	22	23	24	25	18	19	20	21	22	23	24	17	18	19	20	21	22	23
24	25	26	27	28			26	27	28	29	30	31		25	26	27	28	29	30	31	24	25	26	27	28	29	30

MARCH							JUNE							SEPTEMBER							DECEMBER						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
				1	2							1						1	2	3							1
3	4	5	6	7	8	9	2	3	4	5	6	7	8	8	9	10	11	12	13	14	8	9	10	11	12	13	14
10	11	12	13	14	15	16	9	10	11	12	13	14	15	15	16	17	18	19	20	21	15	16	17	18	19	20	21
17	18	19	20	21	22	23	16	17	18	19	20	21	22	22	23	24	25	26	27	28	22	23	24	25	26	27	28
24	25	26	27	28	29	30	23	24	25	26	27	28	29	29	30						29	30	31				
31							30																				

CALENDAR

	1945-46	1946-47
Fall Quarter Begins.....	Sept. 17	Sept. 16
Thanksgiving Holidays.....	Nov. 22, 23	Nov. 28, 29
Winter Quarter Begins.....	Dec. 10	Dec. 9
Christmas Holidays.....	Dec. 21-Jan. 2	Dec. 23-Jan. 6
Spring Quarter Begins.....	March 18	March 17
Good Friday.....	April 19	April 4
Session Closes.....	June 7	June 6
Summer School Opens.....	June 10	June 9

ANNUAL EVENTS

Certain annual events at the college have become traditional and are anticipated with great pleasure by students, faculty, alumni and people of the community:

- Reception for new students
- Lyceum Course
- Fall Drama
- Religious Emphasis Week
- Citizenship Institute
- Easter Sunrise Service
- Music Recitals—Students and Faculty
- May Day
- High School Senior Day
- Commencement Week including:
 - Class Day
 - Baccalaureate Sermon
 - President's Reception
 - Alumni Association Meeting
 - Commencement Program

BOARD OF TRUSTEES

REV. L. W. JACOBS, *Chairman*

J. OLIN BROOKS

M. L. LOWRY

REV. S. A. HAMMONDS

Z. A. LOWRY

J. R. SPAULDING

C. L. MAYNOR

E. LOWRY

E. B. SAMPSON

E. HARRIS

J. L. CARTER, *Secretary*

JAMES E. HILLMAN, Ph.D., State Department of Education, *Director*

ADMINISTRATIVE AND OTHER OFFICERS

RALPH D. WELLONS.....*President*

CLIFTON OXENDINE.....*Dean*

MARY LIVERMORE.....*Dean of Women*

HAROLD W. KENNEDY.....*Acting Registrar*

MARJORIE KANABLE.....*Librarian*

BERTEEN OXENDINE.....*Secretary and Bookkeeper*

WALTER J. PINCHBECK.....*Superintendent of Buildings and Grounds*

FACULTY 1944-45

- RALPH D. WELLS, A.B., M.A., Ph.D. *President*
A.B., M.A., Indiana University; Ph.D., Teachers College, Columbia University.
- CLIFTON OXENDINE, A.B., M.A. *Dean, History and Social Science*
A.B., McKendree College; M.A., George Peabody College for Teachers; Graduate Student, George Peabody College for Teachers.
- MARY LIVERMORE, A.B. *Dean of Women, Religion*
A.B., Adelphi College; Graduate Student, N. Y. School of Social Work, Columbia University.
- JAMES A. JACOBS, B.S., M.Ed. *Registrar, Mathematics*
B.S., Murray State Teachers College; M.Ed., Duke University; (Army Service, 1944-45)
- HAROLD W. KENNEDY, B.S., M.A., Ph.D. *Acting Registrar, Psychology and Ed.*
B.S., Ohio State University; M.A., Ohio State University; Ph.D., Ohio State University.
- IRA PATE LOWRY, B.S., M.A. *Music*
B.S., Dakota Wesleyan University; Graduate Student, Kentucky State Teachers College; M.A., Ohio State University.
- REBA MILLSAPS LOWRY, A.B., M.A. *French, Spanish, Expression*
A.B., Maryville College; M.A., University of Tennessee; Graduate Student Ohio State University.
- FRANCES STINEBRING, B.S., M.A. *English*
B.S., Kent State University; M.A., Ohio State University; Graduate Student, Ohio State University; University of Colorado.
- MARY SHARPE, A.B., M.A. *Primary Critic Teacher*
A.B., Winthrop College; M.A., Columbia University; Graduate Student, Greeley College; Peabody Teachers College.
- HERBERT H. TODD, A.B., M.A., Ph.D. *History and Social Science*
A.B., Ohio University; M.A., George Peabody College; Ph.D., Vanderbilt University.
- MARJORIE KANABLE, A.B., B.S., M.A. *Librarian*
A.B., Ohio Wesleyan University; B.S., M.A., University of Denver.
- ELIZABETH M. TODD, B.S., M.A. *Home Economics*
B.S., Berea College; M.A., Teachers College, Columbia University.
- ANGELIKA RECKENDORF, A.B., M.A. *Art*
Zeichenlehrerinnenexamen, Kunstgewerbeschule, Munich (Germany)
Gewerbeoberlehrerinnenexamen, Gewerbelehrerinnenseminar,
Potsdam (Germany) B.A., M.A., University of North Carolina.
- VANDA WHICKER, B.S. *Physical Education*
B.S., Appalachian State Teachers College.
- J. O. JAMES, A.B., M.A., B.S. (Agri.) *Agriculture*
A.B., M.A., Indiana University; B.S. Agri., Purdue University.
- GEORGE A. DUNLAP, A.B., M.A., Ph.D. *English*
A.B., Hayerford; M.A., Ph.D., University of Pennsylvania.
- PAUL L. HOLLISTER, A.B., M.A., B.P.E., M.S., Ph.D. *Science*
A.B., M.A., Cumberland University; B.P.E., Y.M.C.A. College; M.S., University of Chicago; Ph.D., Peabody College.
- KATHRYN WYRICK, A.B. *Commerce*
A.B., Woman's College of the University of North Carolina.
- RUDOLPH TREO, M.A. (Temporary) *French, Spanish*
A.B., University of Ljubljana; M.A., University of Paris; Graduate Student, Princeton University.

COMMITTEES OF THE FACULTY

(The first person named in each case serves as chairman.)

REGISTRATION:

Clifton Oxendine, H. W. Kennedy, Frances Stinebring.

DISCIPLINE:

Clifton Oxendine, Mary Livermore, Vanda Whicker, I. P. Lowry.

CHAPEL:

I. P. Lowry, G. A. Dunlap, Elizabeth M. Todd.

SOCIAL:

Mary Livermore, Paul L. Hollister, Angelika Reckendorf, Vanda Whicker.

LIBRARY:

Marjorie Kanable, Mary Sharpe, H. W. Kennedy, H. H. Todd.

CATALOG:

Clifton Oxendine, H. W. Kennedy, H. H. Todd, Mary Sharpe.

LYCEUM COURSE:

Angelika Reckendorf, Mary Sharpe, Reba M. Lowry.

ATHLETICS:

Vanda Whicker, Clifton Oxendine, H. W. Kennedy, Reba M. Lowry.

CLASS COUNSELLORS:

Freshman	Frances Stinebring
Sophomore	J. O. James
Junior	Reba M. Lowry
Senior	H. W. Kennedy

GROUP SPONSORS:

Baptist Student Union	Mary Livermore
Wesley Fellowship	Marjorie Kanable
Pontiac Society	George A. Dunlap
Emeritan Society	Reba M. Lowry, Frances Stinebring

PEMBROKE STATE COLLEGE FOR INDIANS

(Founded in 1887 by an Act of the Legislature of North Carolina)

General Information

HISTORICAL SKETCH

In 1887, under the influence of Honorable Hamilton McMillan, representative in the Legislature from Robeson County, a law was passed providing for the establishment of a Normal School for the Indians of Robeson County. The law stipulated that only those above fifteen years of age might attend, and then only if they signed a contract to teach at least one year. The law appropriated \$500.00 from the State treasury for maintenance only and carried a further provision that, if a building were not provided and the money not actually used for the maintenance of the school, the Legislature of 1889 should repeal the Act.

The Legislature appointed W. L. Moore, Preston Locklear, James Oxendine, and James Dial, Sr., as trustees to carry out the provisions of the Act. With the authority of the Legislature these men elected three other trustees, J. J. Oxendine, James Braboy, and Ollen Oxendine. These Indian trustee were given full power by the State Legislature to rent or acquire suitable buildings, to appoint teachers, and to do all things necessary to inaugurate a Normal School.

With a subscription raised among the Indian and white members of the community an acre of land was purchased opposite New Hope Church, and a two-story building was erected. W. L. Moore, who had taught in the public schools of Robeson County for several years, was elected the first principal and teacher. Work began in the fall of 1887 with an enrollment of fifteen students and continued throughout the school year, thus fulfilling the provisions of the legislative act. In 1889 the Legislature raised the appropriation to \$1,000.00, and a like sum was granted for many years thereafter.

Among the loyal supporters of the school during the early years of its development the name of Reverend O. R. Sampson deserves special mention. Of all the friends and helpers he touched the institution at more points, knew it more intimately, and served it longer as teacher and board member than any other man has done.

In 1909 a new site for the school was purchased at Pembroke, North Carolina, and the Legislature appropriated \$3,000.00 for a new building. During the following years the faculty was enlarged, new high school courses were offered, and vocational training for both boys and girls was organized. In 1921, under the terms of a bill sponsored by Judge L. R. Varsler of Lumberton, North Carolina, the Legislature appropriated \$75,000.00 for the erection of a new and more modern building. Subsequently four faculty houses were provided. The State High School Inspector granted the institution high school standard rating in 1924, and graduating students did much to spread the gospel of education among the people.

While the Legislature by act of 1885 had created a normal school, work of normal level was not begun in regular session until the fall of 1926. In that year, under the leadership of Superintendent S. B. Smithey, classes in normal work were introduced, and in June, 1928, the first normal class was graduated. The same year the State Board of Education gave the school standard rating.

Under Superintendent J. E. Sawyer, who succeeded Mr. Smithey in the fall of 1929, the school continued to advance in scholastic attainments. Before his resignation in 1935 two years of college work were being given in addition to the normal work. During Mr. Sawyer's administration a new home economics building was erected, and there were campus improvements generally.

In the summer of 1935 Mr. G. G. Maughon was elected superintendent and continued in office until the summer of 1940. During these years a department for the teaching of the deaf was organized which, after a period of three years of vital activity, was discontinued. Increased enrollment in the college necessitated the addition of members to the teaching staff, and a full time librarian was employed. In June, 1938, the first three-year college and normal diplomas were given.

In the fall of 1939 the high school was separated from the college, and removed to a new building on a separate site off the campus. This made possible further expansion of the college faculty and the addition of the senior year. In the spring of 1940 the first degrees were awarded to members of the graduating class of the four year standard college.

Mr. Maughon resigned in the summer of 1940 and Dr. O. H. Browne was selected from the teaching staff to serve as Acting President. Dr. Browne continued in this capacity for two years.

Recent developments in the college include the addition of departments of Art, Home Economics, Commerce and Agriculture. The number of books in the library has been doubled. The privilege of admission has been extended to all bona-fide Indians.

The name of the school was changed by act of the Legislature in 1940, and is officially designated as Pembroke State College for Indians. The institution is now under the able administration of Dr. Ralph D. Wellons, elected president in the summer of 1942.

LOCATION

Pembroke State College is located on a campus of 35 acres, and much of the campus is within the limits of the town for which it is named. Pembroke, a village of about 1,000 people, is in Robeson County, one of the richest agricultural sections of North Carolina. Highway 74 passes through the town, and it is a junction point of the main north and south line of the Atlantic Coast Line Railway and the east and west line of the Seaboard Railway.

THE PURPOSE OF THE COLLEGE

The purpose of Pembroke State College has undergone a change in the course of the last few years. While continuing to train teachers for the secondary and elementary schools, a major emphasis is now being put on courses designed to provide students with a standard liberal arts educa-

tion. A diversity of course offerings makes it possible for a student to develop skills in a chosen field, and at the same time obtain an all round general education that will make his whole life richer and fuller. Both class and non-class activities are designed to give the student experiences in social and professional activities that lead to the development of dynamic personality.

GROUNDS AND BUILDINGS

The campus of thirty-five acres is equaled in natural attractiveness by few campuses in the country. Much of the campus is taken up by the twelve buildings, surrounded by beautiful lawns. An avenue of poplars, an avenue of long leaf pines, and a grove of stately loblolly pines add much to the attractiveness of the grounds.

The Main Building contains the administrative offices, the library, laboratories, ten class rooms, and the auditorium which seats seven hundred people.

The Women's Dormitory is a large frame building containing ample room for all the women students living on the campus. Some women of the faculty also have rooms in the building. All modern conveniences are available, and the dormitory is under the direction of a matron.

The Men's Dormitory is small, but well-constructed and convenient. It is built to house twenty-four students comfortably.

The Home Economics Building houses foods and clothing laboratories; also a family-size kitchen, dining room, and bed room, used for practice and demonstration purposes.

The Gymnasium, a spacious building, modern in all details, was erected during the session of 1938-39. The building meets all requirements for indoor athletic sports and classes in physical education.

The Library is housed in the Main Building. It has 9,000 volumes carefully selected to meet the needs of the expanding college curriculum. The students have access to the stacks at all times, and the general reading room is well equipped with reference books, magazines, and daily papers.

The Dining Hall and Kitchen occupy a separate building, conveniently located and amply equipped. Wholesome food at reasonable rates is furnished.

Vocational Education Buildings. Two buildings, one formerly used by the Department of the Deaf, and the other constructed in 1942, are being used for shop work and classes in agriculture.

Dwelling Houses, four in number, are provided for the officers of administration and members of the faculty.

STUDENT LIFE AND ORGANIZATIONS

ATHLETICS

Wholesome, amateur athletics for the young men and young women are encouraged. The school believes in training the body as well as the mind and soul. Perhaps nothing encourages an interest in physical exercise more than school athletics. Accordingly, as many inter-school contests as possible are arranged each year.

The classes, societies, and other groups of students organize athletic teams and arrange contests with each other freely. The school also has an intra-mural program of sports, and conducts, under competent supervision, athletic events in basketball, soft ball, volley ball, and baseball. A large percentage of the student body participates in these sports.

CLASS ORGANIZATIONS

The class organizations provide opportunity for all students of the college to participate in debating, parliamentary practice, and extemporaneous and prepared discussions. They also provide for the social needs of the class groups. Each organization is under the direct sponsorship of a member of the faculty appointed by the President. The class organizations, known as the Freshman, Sophomore, Junior and Senior classes, meet twice monthly. Each student of the institution is urged to participate actively in the class of which he is a member.

DEPARTMENTAL CLUBS

The Arts and Crafts Club. Every student who is taking art is automatically a member of this club, and any student or faculty member who is interested is invited to hold membership. In order to keep in touch with current problems and events of interest in the field of arts and crafts the club provides for reports, exhibits, field trips and lectures. The monthly meetings offer opportunity for criticism and discussion of the work done by the members.

The Henry Berry Folklore Club. This club was organized in October 1942, for the following purposes: To memorialize Robeson County heroes, to study Robeson County history, folklore, and traditions, and to establish a museum for the preservation of relics and items of historic value. The club is sponsored by the English and History Departments of the college, and invites the cooperation and membership of students and faculty members who are interested.

LITERARY SOCIETIES

Two literary societies, the Emeritan and the Pontiac, are organizations of men and women who desire a larger opportunity to participate in parliamentary practices and public speaking. At the beginning of the session each society elects freshmen to membership. The societies meet twice a month.

MUSIC

Outstanding among the student activities are those provided by various musical organizations. Foremost among these is the Glee Club consisting of forty members. Programs are given by this organization throughout the year, usually reaching a climax in the regular spring concert which attracts as much interest as any feature of the college.

Another organization which is very popular among the student body is the school Orchestra. Although this organization is comparatively young, it includes about twenty pieces and in the past year participated in a number of programs.

In addition to the Glee Club and Orchestra, rhythm bands and quartets also are sponsored by the Music Department by way of providing a still larger field for the varied interests and abilities of the student body.

SOCIAL LIFE

All students are expected to follow the observances of good society. Each class and society organization is urged to sponsor social functions. Affairs not approved by the Social Committee and not attended by the sponsor of the organization giving them, are not desired.

It is the policy of the college to sponsor parties only on the college campus.

Each school sponsored organization may hold two parties during the school year, only one of which may be held during the spring quarter.

Dates on which parties may be held must be arranged with the social committee.

No outsiders except students' parents or guardians will be permitted to attend college parties.

The organization sponsor is responsible for seeing that the party is properly chaperoned.

RELIGIOUS ACTIVITIES

Believing that the moral and religious development is an important factor in life, the college seeks to encourage each student to form the best habits, cultivate uprightness of character and conduct, and give due attention to spiritual growth. The denominational student organizations known as the Baptist Student Union and the Wesley Foundation are represented on the college campus, and these two groups include most of the students in their membership and volunteer activities. A joint worship program is given in chapel every third Wednesday, and separate meetings are held every first Wednesday. The leaders meet weekly in student councils. A varied program of social, spiritual, and community activities is carried on, reaching out from the local campus to the broader fields of state and national student religious work. State and southwide conferences at Ridgecrest, Junaluska and leading cities, are attended by many students, and visits are exchanged with other colleges. National youth leaders visit the college and correspond with the student leaders.

The religious societies also, from time to time, present religious films to the college and the community, and visit the churches in the county giving special programs to encourage their work with young people. They hold discussion groups open to all, such as the weekly Sunday School lesson study on Monday evenings. In these and other ways the college seeks to develop more trained leaders and enlist those qualified to prepare for full time religious service, but also deepen the spiritual life of every student, that he may grow in body, mind, and soul.

Religious Emphasis Week is held every Spring under the leadership of a visiting minister of outstanding influence.

The religious life of students and faculty receives inspiration also in the formal worship program held each Thursday morning in the chapel.

Within reach of the campus are several churches with which both students and members of the faculty are actively associated.

MEDALS AND AWARDS

In order to encourage the students to attain the highest in deportment and scholarship, several medals are awarded each year on a competitive basis. Medals for excelling in music, dramatics, and art are offered.

SUMMER SCHOOL

In order to meet the requirements of advancing standards of teacher training and in order to make it possible for teachers to raise their present certificates, summer school courses are being offered each summer. Each course offered will cover the equivalent of a full quarter's work. College students attending summer sessions may make up deficiencies incurred, or by attending three or four summer sessions may shorten their college course one year.

Students desiring to take courses in summer school for advanced standing credit should confer in advance with the Registrar.

Information for Applicants

ADMISSION

Students are admitted to Pembroke State College for Indians under any one of the following conditions:

1. The satisfactory completion of a four year course in an approved secondary school, with sixteen units of credit.

2. Graduation from a four year non-standard classified high school, and passing the State Senior High School examination (for admission to College), with units of credit as follows:

English -----	4 units
Mathematics -----	2 units
Social Science -----	2 units
Science -----	1 unit
Elective -----	7 units

3. Mature persons who do not meet the requirements for admission as regular students may be allowed, under restrictions approved by the registration committee, to register as special students for such courses as they appear to be able to pursue with profit. Should a special student wish to become a candidate for a degree he must satisfy the usual entrance requirements as well as the degree requirements.

4. Upon entering the college for the first time each student is required to present a health certificate on a form prepared by the college Department of Health and Physical Education and filled out by the student's family physician. The primary purpose of this pre-entrance physical examination is to determine to what extent the individual is able to participate in active physical education and to show the absence or presence of communicable diseases which might endanger the health of other students. The examination may also provide a stimulus for correction of some defects such as poor eyesight before the individual is subjected to further strain of the defective member.

Applicants for admission should have official transcripts of school work sent direct to the Registrar. An official record of high school work must be presented as well as an official transcript of all college work done. Honorable dismissal from the last college attended is required.

All applicants must satisfy the legislative committee as to their racial eligibility.

Inquiries for information about entrance, courses of study, expenses, rooms, etc., should be made to the Dean.

Students desiring advanced standing should send their credits in advance to the Registrar.

Entrance units should be filed not later than date of entrance.

REGISTRATION AND ATTENDANCE

Students must register on the first day of each quarter. In case of late registration the number of hours of a student's load will be subject to reduction in proportion to the amount of time lost. A student should not enter any quarter more than five days late.

Every student is expected to attend all his or her classes, except when compelled to be absent because of illness. The number of times a student may be absent from class must not exceed 10 percent of the class periods. Classes missed through late registration count as absences.

Assembly exercises are regarded as an essential part of the work of the institution. Attendance is required. One quality point is deducted for each unexcused assembly absence.

Each absence from class will deduct one quality point from the student's total points for the quarter, unless he obtains an excuse and makes up the work. The total number of quality points which a student may lose in any quarter can not exceed the number of quality points which he earns during the quarter.

Excuses for absences may be obtained from the Dean within two days after the student returns to school.

STUDENT'S LOAD

The normal load is 16 quarter hours, the maximum is 18 quarter hours, and the minimum for a full-time student is 12 quarter hours. Only students making an average grade of B on a load of 16 hours or more in a preceding quarter will be allowed to carry the maximum load.

Students registering in the various departments will do so under the advice and approval of the faculty adviser for that department.

There are special counsellors for each of the four classes, and the heads of departments advise the juniors and seniors majoring in their respective departments.

No credit will be allowed for any course which is taken in any department without the approval of the faculty adviser of that department. In all cases the amount of work carried by a student must conform to the regulations.

Changes in courses should not be made after registration except in unusual cases. For one week following registration a student may make necessary changes by presenting to the Registrar a change-of-course card signed by the student's adviser and the Dean.

The student is responsible for fulfilling the requirements for the degree.

One year of work done in residence is required for the degree. Not fewer than 30 of the last 48 quarter hours required for the degree shall be done at this college.

No student will be permitted to take any course, or make up work under a private tutor, whether teacher or some other instructor, without first obtaining written permission from the President.

A student who desires to withdraw from the college should file a written request with the Dean on forms provided for that purpose and obtain his approval.

CLASSIFICATION

At the beginning of the college year the following quarter hours credit shall be required for the classification indicated:

Seniors	-----	126 quarter hours
Juniors	-----	81 quarter hours
Sophomores	-----	36 quarter hours
Freshmen	-----less than-----	36 quarter hours

CREDITS

In order to receive credit for a course the student must officially register and present to the instructor a card of admission from the Registrar.

The grade of a student in any course is indicated by letters as follows:

A—Excellent	D—Barely Passed
B—Good	E—Conditioned
C—Fair	F—Failure

In addition to the above standard grades, the following marks are used: a mark of I represents an incompleting course, due to illness or some other unavoidable circumstances, and must be removed early within the next quarter; a mark of WF indicates that the student withdrew from the course when his record of achievement was failure; a mark of WP indicates that the student withdrew from the course when his record of achievement was passing.

A grade of E indicates that the student is conditioned. This deficiency may be removed by passing a special examination on the work of the same quarter at such time as will satisfy the instructor, or by passing the regular examination with the next class doing the work of the same quarter; provided that, in either case, the condition be removed not later than one year from the time when it was received. If the condition should not be removed within the time limit, the grade E becomes an F.

A student marked "Conditioned" in a course may be permitted to continue the work but must remove the condition, or it will automatically become a failure at the end of one year.

A student who has failed in any required course must repeat that course in a class as soon as it is offered again.

Special examinations for student who have been officially excused by the Dean from regular examinations on account of sickness or some necessary cause, may be held at suitable times fixed by the Registrar and the instructors concerned. Such examinations must be taken within a year of the absence, otherwise the grade becomes F.

In order to graduate in any of the college curricula a student must receive a total number of quality points equal to or in excess of the total sum of quarter hours required for graduation. For a grade of A, three quality points are awarded for each quarter hour; for a grade of B, two points; for a grade of C, one point; for grades of D and E, no points. Points will be allowed for credits earned in other institutions commensurate with the quality of work done in keeping with the rating herein set forth.

All students above the freshman class must pass not less than 70 per cent of the hours for which they have registered, or be excluded from the school.

A course which is dropped after the time limit for changes, except upon the advice or approval of the Dean, will be reported at the end of the quarter as a failure.

EXAMINATIONS

The regular school session is divided into three quarters of twelve weeks each. Examinations are given at the end of each quarter.

No student will be exempt from the final examination in any course. In addition to quizzes, term reports, tests, etc., every credit shall include a formal examination which shall be given at the close of the course at the time designated by the examination schedule.

The Dean's list, issued at the close of each quarter, contains the names of those students who, during the quarter, have earned twice as many quality points as hour credits, provided no mark is lower than C.

GRADUATION REQUIREMENTS

Graduation from the college curriculum is based upon the earning of 192 quarter hour credits.

Students with twice as many honor points as quarter-hour credits are graduated **cum laude**; those with two and half times as many honor points as quarter-hour credits are graduated **magna cum laude**; those with two and three-fourths times as many honor points as quarter-hour credits are graduated **summa cum laude**. Honor points are not given on grades transferred from other institutions. To determine graduation honors, honor points are reckoned on the last two years of the degree curriculum.

Candidates for graduation are required to be present for graduation exercises, unless officially excused. Diplomas will not be granted to those who are absent without official approval.

EXPENSES

It is the desire of the Board of Trustees of Pembroke State College for Indians to keep the total charges within the reach of every student. The necessary expenses are held within the reach of that great group of people who want their sons and daughters to have the best in education and training, but not with extravagance and the needless spending of money. Economy in dress, in living habits, and in the spending of money, is encouraged. All fees are payable in advance.

SCHEDULE OF EXPENSES

Room Rent in Dormitories	\$ 7.50 per quarter
Tuition	14.00 per quarter
Laboratory Fee (for each laboratory course)	1.50 per quarter
Athletics and Recreation Fee (all students)	1.00 per quarter
Music:	
Piano: Two one-half hour lessons per week	7.50 per quarter
Voice class lessons:	
Two one hour lessons per week	2.50 per quarter
All other applied music courses:	
Two one hour lessons per week	2.50 per quarter
Diploma (seniors)	3.00 per quarter
Cap and Gown (seniors)	1.50 per quarter
Breakage Deposit (Science laboratories)	1.00 per quarter

All residents in the dormitories are required to take their meals in the college dining hall where board is available at an average cost of \$1.00 per day.

Damage to furniture or buildings will be repaired at the expense of students causing same.

SELF HELP

A limited number of students will be offered opportunity to defray part of their college expenses through work. Work cannot be given to all who apply, and if a disposition to shirk in the performance of duties is observed, the position may be passed along to other applicants. No student will be permitted to continue any sort of student employment who fails to maintain an average of C. To continue employment students must also be of good moral character.

A few students are able to obtain work in or near Pembroke, getting in return their board or room or both.

DISCIPLINE

The Pembroke State College for Indians is an institution for the training of young men and women who expect to take their places as responsible trust-worthy citizens of their country. It takes for granted that students will not be guilty of unmanly or unwomanly conduct.

The aim of all discipline is two-fold: first, to develop self-control in the individual; second, to protect the welfare of society.

Students who can not or will not comply with the few and simple rules set for the student body are subject to dismissal.

The institution reserves the right to decline to register students whose past record is such as to indicate moral or scholastic unfitness.

No student is allowed to participate in any unwarranted criticism of the policy of the institution.

Loitering on the campus is forbidden.

Students rooming in the dormitories will observe the rules posted in the respective rooms.

Students rooming in any of the homes of the community are expected to observe the rules applicable to those living in the dormitories with respect to social and study activities.

LIBERAL ARTS CURRICULUM

To meet the needs and interests of professional and occupational groups of students the college provides an Arts and Science curriculum leading to the Bachelor of Arts Degree or the Bachelor of Science Degree. This curriculum is designed to provide opportunity for contacts with a variety of fields of knowledge considered necessary for a general education, and also to give opportunity for special study in the field of the student's major interests. Students desiring a general college training and also those wanting to complete preprofessional requirements for entrance to professional schools, will find this curriculum adapted to their individual needs.

REQUIREMENTS FOR DEGREES

The B.A. Degree will be granted to students who complete this curriculum with a major in one of the following departments:

English
Music

Romance Languages
Social Science

The B.S. Degree will be granted to students who complete this curriculum with a major in one of the following departments:

Agriculture	Mathematics
Arts and Crafts	Science
Home Economics	

The B.S. Degree will also be granted to those students who complete the requirements for the class A Primary or Grammar Grade Certificate.

On or before May 1, of his Sophomore year, each student except those who are candidates for the class A Primary or Grammar Grade Certificate, must indicate to the Registrar a major subject and a minor subject in which he desires to work during his junior and senior years.

A major shall consist of a minimum of forty-five quarter hours in one field or department. A minor shall consist of a minimum of twenty-four quarter hours in a single department. At least half of the majors and one-fourth of the minor must consist of junior and senior courses. Details of requirements for majors and minors in the various departments may be found under the respective department headings. Minor areas of specialization must be approved by the student's adviser in his major department. Unless otherwise specified, required courses will count towards satisfying major and minor requirements.

Minimum Requirements for the B.A. or B.S. Degree

English	18 quarter hours
Mathematics or Languages	9 quarter hours
Physical Education	6 quarter hours
General Psychology	3 quarter hours
Social Science	18 quarter hours
Science	18 quarter hours
Philosophy	3 quarter hours
Electives to make a total of	192 quarter hours

NOTE:—Students preparing to enter the teaching profession will have to meet, in addition to the prescribed courses for either of the degrees, the professional and academic requirements as set forth by the Division of Professional Service of the State Department of Public Instruction. For these requirements see pages 21-22 of this catalog.

To aid Freshmen and Sophomores in the selection of their courses the following programs are presented:

PRESCRIBED COURSES:	FRESHMAN YEAR		
	Quarters		
	I	II	III
English	3	3	3
Orientation	3	3	3
Physical Education	1	1	1
ELECTIVES:			
1. At least one from among the following:			
Mathematics	3	3	3
Modern Language (French or Spanish)	3	3	3
Science (Biology or Chemistry)	4	4	4
2. At least one from among the following:			
Agriculture	3	3	3
Art	3	3	3
Bible	2	2	2
Commerce	3	3	3
Dramatic Production	2	2	2
Home Economics	3	3	3
Music	3	3	3
	15-18	15-18	15-18

SOPHOMORE YEAR

PRESCRIBED COURSES:	<i>Quarters</i>		
	I	II	III
English.....	3	3	3
American History and Government.....	3	3	3
Physical Education.....	1	1	1
General Psychology.....	3	0	0
ELECTIVES:			
1. At least one from among the following:			
Mathematics.....	3	3	3
Modern Language.....	3	3	3
Science (Biology or Chemistry).....	4	4	4
2. At least one from among the following:			
Agriculture.....	3	3	3
Art.....	3	3	3
Bible.....	2	2	2
Commerce.....	2	2	2
Dramatic Production.....	2	2	2
Home Economics.....	3	3	3
Music.....	3	3	3
	15-17	15-17	15-17

REQUIREMENTS FOR CERTIFICATION OF TEACHERS**Curriculum for Primary and Grammar Grade Teachers****FRESHMAN YEAR**

PRESCRIBED COURSES:	<i>Quarters</i>		
	I	II	III
English.....	3	3	3
Orientation.....	3	3	3
Physical Education.....	1	1	1
Science.....	4	4	4
ELECTIVES:			
1. At least one from among the following:			
French or Spanish.....	3	3	3
Mathematics.....	3	3	3
2. At least one from among the following:			
Agriculture.....	3	3	3
Art.....	3	3	3
Bible.....	2	2	2
Commerce.....	2	2	2
Dramatic Production.....	2	2	2
Home Economics.....	3	3	3
	16-17	16-17	16-17

SOPHOMORE YEAR

PRESCRIBED COURSES:	<i>Quarters</i>		
	I	II	III
English.....	3	3	3
American History and Government.....	3	3	3
General Psychology.....	3	0	0
Physical Education.....	1	1	1
ELECTIVES:			
1. At least one from among the following:			
French or Spanish.....	3	3	3
Mathematics.....	3	3	3
Science.....	4	4	4
2. At least one from among the following:			
Agriculture.....	3	3	3
Art.....	3	3	3
Bible.....	2	2	2
Commerce.....	2	2	2

Dramatic Production.....	2	2	2
Home Economics.....	3	3	3
Music.....	3	3	3
	<hr/>	<hr/>	<hr/>
	14-17	14-17	14-17

JUNIOR AND SENIOR YEARS

	Quarters		
	I	II	III
Art.....	3	3	3
Child Psychology.....	0	0	3
Children's Literature.....	0	3	0
Classroom Management.....	0	0	3
*Practice Teaching.....	0	5	0
Educational Psychology.....	0	3	0
Geography.....	3	3	3
Music.....	2	2	2
*Observation of and Perparation for Practice Teaching.....	3	0	0
Physical Education and Health.....	3	3	3
Political Science.....	3	0	0
Primary or Grammar Grade Methods.....	3	3	3
Teacher's Arithmetic.....	0	0	3
Tests and Measurements.....	3	3	0
Electives.....	9	4	9
	<hr/>	<hr/>	<hr/>
Total for Junior and Senior Years.....	32	32	32

*These courses must be taken during the Senior Year.

Curriculum for Secondary School Teachers

For those preparing to teach in high schools the requirements during the Freshman and Sophomore years are the same as for those preparing to teach in the Primary and Grammar grades.

Further, a candidate for a secondary school certificate must have a major and a minor area of specialization along with the professional courses listed below as a minimum.

302	Educational Psychology
304	Psychology of Adolescence
331, 332	Tests and Measurements
330	Technique of Teaching in high school
401, 402	Secondary Education
421	Observation of, and Preparation for, Practice Teaching
422	Practice Teaching

and one of the following:

351	Teaching of Romance Language in high school
352	Teaching of Social Science in high school
353	Teaching of Mathematics in high school
354	Teaching of Music in high school
355	Teaching of Science in high school
356	Teaching of English in high school
357	Teaching of Home Economics

No student will be permitted to register for practice teaching unless he or she has maintained a point hour ratio of at least 1.0 in all subjects attempted, and a point hour ratio of at least 1.2 in his or her major field of work.

REQUIREMENTS FOR SPECIALIZATION IN CERTAIN SPECIFIC FIELDS OF STUDY

To aid students who wish to major in one of the newer departments the following schedules are presented with a view to guaranteeing a proper sequence of courses.

A. Agriculture

FRESHMAN YEAR

<i>FALL QUARTER</i>		<i>WINTER QUARTER</i>		<i>SPRING QUARTER</i>	
<i>Course</i>	<i>Hrs.</i>	<i>Course</i>	<i>Hrs.</i>	<i>Course</i>	<i>Hrs.</i>
English.....	3	English.....	3	English.....	3
General Biology.....	4	General Biology.....	4	General Biology.....	4
Mathematics.....	3	Mathematics.....	3	Mathematics.....	3
Orientation.....	3	Orientation.....	3	Orientation.....	3
Physical Education.....	1	Physical Education..	1	Physical Education..	1
Agriculture.....	3	Agriculture.....	3	Agriculture.....	3

SOPHOMORE YEAR

<i>Course</i>	<i>Hrs.</i>	<i>Course</i>	<i>Hrs.</i>	<i>Course</i>	<i>Hrs.</i>
English.....	3	English.....	3	English.....	3
History.....	3	History.....	3	History.....	3
Psychology.....	3	Physical Education..	1	Physical Education..	1
Physical Education.....	1	Agriculture.....	3	Agriculture.....	3
Agriculture.....	3	Electives.....	6	Electives.....	6
Electives.....	3				

JUNIOR-SENIOR YEAR

<i>Course</i>	<i>Hrs.</i>	<i>Course</i>	<i>Hrs.</i>	<i>Course</i>	<i>Hrs.</i>
Chemistry.....	5	Chemistry.....	5	Chemistry.....	5
Physics.....	4	Physics.....	4	Physics.....	4
Economics.....	3	Economics.....	3	Economics.....	3
Sociology.....	3	Sociology.....	3	Sociology.....	3
Plant Pathology.....	3	Bacteriology.....	3	Agriculture.....	6
Embryology.....	3	Agriculture.....	6	Philsoophy.....	3
Agriculture.....	6	Electives.....	5-7	Electives.....	5-7
Electives.....	5-7				

B. Art

FRESHMAN YEAR

<i>FALL QUARTER</i>		<i>WINTER QUARTER</i>		<i>SPRING QUARTER</i>	
<i>Course</i>	<i>Hrs.</i>	<i>Course</i>	<i>Hrs.</i>	<i>Course</i>	<i>Hrs.</i>
English.....	3	English.....	3	English.....	3
Orientation.....	3	Orientation.....	3	Orientation.....	3
Biology.....	3	Biology.....	3	Biology.....	3
Art Appreciation.....	3	Art Appreciation.....	3	Art Appreciation.....	3
Fine Arts.....	3	Fine Arts.....	3	Fine Arts.....	3
Physical Education.....	1	Physical Education..	1	Physical Education..	1

SOPHOMORE YEAR

English.....	3	English.....	3	English.....	3
American History.....	3	American History....	3	American History....	3
Mathematics.....	3	Mathematics.....	3	Mathematics.....	3
Psychology.....	3	Bible.....	2	Music.....	3
Industrial Arts.....	3	Industrial Arts.....	3	Industrial Arts.....	3
Physical Education.....	1	Physical Education..	1	Physical Education..	1

JUNIOR YEAR

Social Science.....	3	Social Science.....	3	Social Science.....	3
Clothing.....	3	Clothing.....	3	Music.....	3
Advanced Fine Arts....	3	Advanced Fine Arts....	3	Advanced Fine Arts....	3
Art Education.....	3	Art Education.....	3	Vocational Ed.....	3
Advanced Physical Education.....	1	Advanced Physical Education.....	1	Advanced Physical Education.....	1

SENIOR YEAR

Social Science.....	3	Social Science.....	3	Social Science.....	3
Science.....	3	Science.....	3	Science.....	3
Vocational Education.....	3	Vocational Education.....	3	Philosophy.....	3
Advanced Industrial Arts.....	3	Advanced Industrial Arts.....	3	Advanced Industrial Arts.....	3
History of Art.....	3	History of Art.....	3	History of Art.....	3

C. Home Economics**FRESHMAN YEAR***FALL QUARTER**WINTER QUARTER**SPRING QUARTER*

<i>Course</i>	<i>Hrs.</i>	<i>Course</i>	<i>Hrs.</i>	<i>Course</i>	<i>Hrs.</i>
Biology.....	4	Biology.....	4	Biology.....	4
English.....	3	English.....	3	English.....	3
Orientation.....	3	Orientation.....	3	Orientation.....	3
Foreign Language or Mathematics.....	3	Foreign Language or Mathematics....	3	Foreign Language or Mathematics....	3
Clothing.....	3	Clothing.....	3	Clothing.....	3
Physical Education.....	1	Physical Education..	1	Physical Education..	1

SOPHOMORE YEAR

General Chemistry.....	5	General Chemistry... 5	General Chemistry... 5	
English.....	3	English.....	3	
Art (Fine Arts).....	3	Art (hand crafts).... 3	American History... 3	
American History.....	3	American History... 3	Foods.....	3
Foods.....	3	Foods.....	3	Physical Education.. 1
Physical Education.....	1	Physical Education.. 1	Elective.....	3

JUNIOR YEAR

Physics.....	3	Tests and Meas..... 3	Psych. of Adol..... 3
Psychology.....	3	Ed. Psychology..... 3	Bacteriology..... 4
Tests and Meas..... 3	Home Nursing..... 3	Child Care..... 3	Elective..... 5
Nutrition.....	3	(Alternate Years)	
Elective.....	3	Advanced Clothing... 3	
		(Alternate Years)	
		Elective.....	6

SENIOR YEAR

Sociology.....	3	Economics.....	3	Economics.....	3
The Family and Social Relations.....	3	Practice Teaching... 5	Rural Sociology..... 3	Rural Sociology..... 3	
Observation.....	3	Secondary Ed..... 3	Technique of Teach- ing in high school.. 2	Technique of Teach- ing in high school.. 2	
Secondary Education... 3	Home Management.. 3	Home Management... 3	Home Management- House Residence.. 3	Home Management- House Residence.. 3	
Home Economics Methods.....	3	Home Furnishing..... 3	Elective.....	Elective.....	4

D. Music**FRESHMAN YEAR**

<i>FALL QUARTER</i>		<i>WINTER QUARTER</i>		<i>SPRING QUARTER</i>	
<i>Course</i>	<i>Hrs.</i>	<i>Course</i>	<i>Hrs.</i>	<i>Course</i>	<i>Hrs.</i>
English.....	3	English.....	3	English.....	3
Orientation.....	3	Orientation.....	3	Orientation.....	3
Biology.....	4	Biology.....	4	Biology.....	4
Language.....	3	Language.....	3	Language.....	3
Music.....	3	Music.....	3	Music.....	3
Applied Music.....	1	Applied Music.....	1	Applied Music.....	1
Physical Education.....	1	Physical Education..	1	Physical Education..	1
Practical music through- out the year.		Band or Glee Club.			

SOPHOMORE YEAR

English.....	3	English.....	3	English.....	3
U. S. History.....	3	U. S. History.....	3	U. S. History.....	3
Music.....	3	Music.....	3	Music.....	3
Harmony.....	2	Harmony.....	2	Harmony.....	3
Applied Music.....	1	Applied Music.....	1	Applied Music.....	2
Physical Education.....	1	Physical Education..	1	Physical Education..	1
Elementary Psy.....	3	Electives.....	3	Electives.....	
Practical music through- out the year.		Band or Glee Club.			

JUNIOR YEAR

History of Music.....	3	History of Music.....	3	Music Appreciation..	3
Harmony.....	2	Harmony.....	2	Harmony.....	2
Applied Music.....	2	Applied Music.....	2	Applied Music.....	2
Gen. Soc.....	3	Gen. Soc.....	3	Gen. Soc.....	3
Gen. Psy.....	3	Ed. Psy.....	3	Psy. of Ch.....	3
Electives.....	3	Electives.....	3	Electives.....	3
Practical music through- out the year.		Band or Glee Club.			
Junior Public Recital.					

SENIOR YEAR

Public Sch. Music.....	3	Public Sch. Music.....	3	Applied Music.....	2
Conducting.....	3	Applied Music.....	2	Education.....	
Applied Music.....	2	Education.....		Electives.....	
Education.....		Electives.....		Sr. Pub. Recital.....	3
Electives.....		Band or Glee Club or both.			
Practical music through- out the year.					

COURSES OF INSTRUCTION

Freshmen may take courses numbered under 200, sophomores under 300, juniors under 400, seniors under 500.

The college reserves the right to require a minimum enrollment of six in any class.

DEPARTMENT OF AGRICULTURE

J. O. JAMES

The courses of instruction are designed for any one interested in farming and more especially for those who desire to equip themselves for service in the field of Agriculture. Intensive specialization in any one field is not attempted. The college farm is used for demonstration and practical projects.

Requirements for a major in Agriculture: 101, 102, 201, 301, 302, 401, 402 and electives enough in Agriculture to complete the total requirement of 45 quarter hours.

101. ANIMAL HUSBANDRY.

The history, development, breeding, feeding, uses, marketing, and general management of swine, horses, mules, sheep, beef cattle and other farm animals. Laboratory fee \$1.50. Fall; 4 periods per week. Credit, 3 quarter hours.

102. POULTRY.

History of types, classes, breeds and varieties, culling, marketing, housing, feeding, sanitation, diseases, insects, pests, brooding young chicks, and general management of the flock for best results in production of eggs and meats. Laboratory fee \$1.50. Winter; 4 periods per week. Credit, 3 quarter hours.

103. DAIRY.

A study of different breeds, management of the herd, feeding, housing, caring for the calves, improvement of the herd by breeding; testing and handling milk and milk products. Spring; 4 periods per week. Credit, 3 quarter hours.

104. FEEDS AND FEEDING.

Balancing rations, analysis and use of commercial feeds; a survey of home grown feeds and pastures, value of various feeding stuffs as to digestibility and a special study of feeding standards for different kinds of live stock. Laboratory fee \$1.50. Spring; 4 periods per week. Credit, 3 quarter hours.

201. FARM CROPS.

Principles of plant growth, crop rotations, legumes, pastures, forage crops, soiling crops, cover crops, grains, special study of money crops grown locally; demonstrations on college experimental plots and field trips. Laboratory fee \$1.50. Fall; 4 periods per week. Credit, 3 quarter hours.

202. VEGETABLE GARDENING.

Classification and study of plants, culture, use, marketing, a special survey and planning of home gardens; demonstrations on college farm of both winter and spring plantings, also use of hot bed and compost heap. Laboratory fee \$1.50. Winter; 4 periods per week. Credit, 3 quarter hours.

203. FRUIT CULTURE.

A study of small fruits, tree fruits and nuts, pruning, spraying, fertilizing, grafting, cultivating, harvesting the crops and planning orchards

as to varieties and cover crops. Laboratory fee \$1.50. Spring; 4 periods per week. Credit, 3 quarter hours.

204. SOILS AND FERTILIZERS.

Origin of soils, types, classes, physical properties, chemical analysis, distribution and relation to crop production, soil bacteria, erosion, soil moisture, material and artificial fertilizers. Laboratory fee \$1.50. Spring; 4 periods per week. Credit, 3 quarter hours.

301. FARM SHOP.

Mechanical drawing, blue print reading, wood projects, cement work, harness repair, sharpening and care of tools, soldering and odd jobs. Laboratory fee \$1.50. Fall; 4 periods per week. Credit, 3 quarter hours.

302. FARM MACHINERY.

Repair of farm machinery, setting up new machines, use and installation of electric appliances, water systems, heating plants and other home mechanical devices, also the handling and care of farm machines. Laboratory fee \$1.50. Winter; 4 periods per week. Credit, 3 quarter hours.

303. LANDSCAPE GARDENING.

Principles of landscaping both formal and natural as applied to home grounds and civic improvements, establishing and care of lawns, ornamental flowers, shrubs, vines, and tree surgery. Spring; 3 periods per week. Credit, 3 quarter hours.

305. FARM BUILDINGS AND FENCES.

Drawings and plans for different types of buildings, cost and choice of materials, ventilation and other building problems, practical farm fences, how to plan and construct them. Spring or Winter quarters; 3 periods per week. Credit, 3 quarter hours.

401. FARM MANAGEMENT.

Applications of agriculture, technology and economics information, methods of securing the maximum from the farm; ownership, rental, planning cropping programs, selecting live stock enterprises and equipment, securing labor and marketing farm products, farm accounting. Fall; 3 periods per week. Credit, 3 quarter hours.

403. RESEARCH IN FARM PRACTICE.

Investigation of a home farm; student projects at home or on college farm including one or more of the following enterprises, orchard, dairy, landscape gardening, vegetable gardening, poultry, drainage, farm buildings, fencing or farm crop as cotton, tobacco, corn, sweet potatoes, or peanuts. Credit, 3 quarter hours.

DEPARTMENT OF ART

ANGELIKA RECEKNDORF

Requirements for a major in Art:

Fine Arts, 131, 132, 133
 Industrial Arts (Crafts), 201, 202, 203
 Art Education, 311, or 312, or 313
 Art Appreciation, 321, 322, 323
 Art History, 421, 422, 423

And choice of:

Industrial Arts (Crafts), 301, 302, 303, or 401, 402
 Fine Arts, 331, 332, 333, or 431, 432

Students who major in art are required to take at least one course in music.

The Art Department offers courses in Fine Arts (drawing, painting, sculpture), Industrial Arts (including some handicrafts), Art Appreciation and Art History, open to any student of the college. Courses 131, 201, and 321 do not require any previous training in these fields; opportunity is offered for the beginner to get acquainted with the fundamentals of fine arts, crafts and art appreciation.

Art Education 311 is required for the teachers' certificate for primary grades; Art Education 312 is required for the teachers' certificate for grammar grades.

131, 132, 133. FINE ARTS

Drawing, painting, sculpture with various media, pencil, charcoal, pen and ink, crayon, pastel, poster paint, water color, paper, clay, plaster paris, paper machè, metal, wood, etc. Studies from nature and by memory, figure, portrait, outdoor sketching, and landscape painting. Laboratory fee \$1.50 each quarter. Fall, winter, spring; 6 periods in the studio weekly. Credit, 9 quarter hours.

201, 202, 203. INDUSTRIAL ARTS (CRAFTS).

Study of native material and its possibilities for practical art problems. Of corn husks, acorns, pine needles, honeysuckle, cotton, wood, grass, etc. Also of dyeing, basketry handweaving with small appliances and with the foot power loom, lettering, map drawing, linoleum block printing, silk screen printing, making dolls, lampshades and simple pottery. Laboratory fee \$1.50 each quarter. Fall, winter, spring; 6 periods weekly. Credit, 9 quarter hours.

301, 302, 303. ADVANCED INDUSTRIAL ARTS (CRAFTS).

Prerequisite 201, 202, 203.

Advanced specialized problems in weaving, basketry, leathercrafts, pottery, lettering, printing, advertising. Laboratory fee \$1.50 each quarter. Fall, winter, spring; 6 periods weekly. Credit, 9 quarter hours.

311. ART EDUCATION FOR THE PRIMARY GRADES.

Prerequisite 131 and 201.

Arts and crafts as an integral part of teaching in the primary grades. Acquaintance with various tools and media for the 2 and 3 dimensional creative Art work with special emphasis on the creative usefulness of native products. Painting, paper cutting and tearing, modeling with clay, and paper machè, making dolls from corn husks and rags, simple weaving and braiding, simple book binding. Practice teaching in the elementary school. Laboratory fee \$1.50. Fall; 5 periods weekly. Credit, 3 quarter hours.

312. ART EDUCATION FOR THE GRAMMAR GRADES.

Prerequisite 131 and 201.

Arts and crafts as an integral part of the teaching program in the grammar grades. The knowledge about tools and media applied to 2 and 3 dimensional work. Color, harmony, balance, poster and mural painting, modeling, carving, weaving, basketry, braiding, simple bookbinding, needle craft, finger painting, block printing. Laboratory fee \$1.50. Winter; 5 periods in the studio. Credit, 3 quarter hours.

313. ART EDUCATION IN THE SECONDARY SCHOOL.

Prerequisite 131 and 201.

The development of arts and crafts as a one subject field in general education. Costume, and stage design, home decoration, commercial art, map drawing, wood and metal work, weaving, pottery and basketry. Laboratory fee \$1.50. Spring; 5 periods in the studio weekly. Credit 3 quarter hours.

321, 322, 323. ART APPRECIATION.

A survey of the development of basic elements in ancient art of Asiatic and African nations, the great masters of art in Europe and America from Greek Art through the Renaissance to the modern times. Fall, winter, spring; 1 recitation weekly. Credit, 3 quarter hours.

331, 332, 333. ADVANCED FINE ARTS.

Prerequisite 131, 132, 133.

Advanced study from nature, still life, landscape, portrait and figure. Problems in 2 and 3 dimensional work with regard to composition, space, balance, proportion, rhythm, color, surface pattern and depth. Laboratory fee \$1.50 each quarter. Fall, Winter, Spring; 6 periods in studio weekly. Credit, 9 quarter hours.

401, 402. ADVANCED INDUSTRIAL ARTS (CRAFTS).

Prerequisite 301, 302, 303.

Credit for this course will be given only to seniors who choose a special problem and present it as research work in Industrial Arts or Handicrafts for the B.S. degree. Laboratory fee \$1.50 each quarter. Fall, Winter; 6 periods in the studio weekly. Credit, 6 quarter hours.

421, 422, 423. ART HISTORY.

Prerequisite 321, 322, 323.

American Indian Folk Art, European and Asiatic Influence upon American Art. North and South American graphics, painting and sculpture. American architecture and engineering. Field trips in the neighborhood. Fall, Winter, Spring; 2 recitations weekly. Credit, 6 quarter hours.

431, 432. ADVANCED FINE ARTS.

Prerequisite, 331, 332, 333.

Credit for this course will be given only to seniors who choose a special problem and present it as research work in Fine Arts, either painting or sculpture, for the B.S. degree. Laboratory fee \$1.50 each quarter. Fall, Winter; 8 periods in the studio weekly. Credit, 6 quarter hours.

DEPARTMENT OF COMMERCE

KATHRYN MCGOWAN WYRICK

This department offers a complete professional course in business to those students desiring to enter upon secretarial and business careers. It is the aim of the course to afford a sound knowledge of fundamental business facts and principles in addition to practical training in business methods.

Two options are provided: (1) one leading to positions as secretaries and general office clerks in the business world; and (2) one to teaching clerical and basic business subjects in secondary schools.

The curriculum leading to the degree of Bachelor of Science in this field is designed to give a broad foundation on which to build further specialized training. This foundation is provided through certain basic courses in Economics plus a number of specified liberal arts courses.

Requirements for a major in Commerce: 60 quarter hours.

Commerce 101, 102, 103, 201, 202, 203

111, 112, 113, 211, 212, 213

224, 225, 226

301, 302

402, 403, 450, 452

Economics 401, 402

100. TYPEWRITING FOR PERSONAL USE.

One quarter. A short course in touch typewriting offered to students who wish to learn the use of the machine for personal convenience and not for marketable skill. Three hours per week. Laboratory fee \$1.50. Credit 1 quarter hour.

101, 102, 103. BEGINNING TYPEWRITING.

Fall, winter and spring quarters. Development of basic typewriting skills and their application to the production of letters, tabulations, and the manuscript. Mechanism, operation, and care of the typewriter. Three hours per week. Laboratory fee \$1.50 per quarter. Credit, 6 quarter hours.

201, 202, 203. ADVANCED TYPEWRITING.

Fall, winter and spring quarters. Emphasis placed on applied typewriting. The development of sustained production on various kinds of typewriting problems. A speed-building program, which develops a high degree of skill. Three hours per week. Laboratory fee \$1.50 per quarter. Credit, 6 quarter hours.

111, 112, 113. BEGINNING SHORTHAND.

Fall, winter, and spring quarters. Fundamental principles of Gregg shorthand with special emphasis on accuracy and speed. Practice work in dictation and transcription. Ability to take transcription at 80 words per minute and to transcribe easily and accurately. Five hours per week. Credit, 9 quarter hours.

211, 212, 213. ADVANCED SHORTHAND.

Fall, winter, and spring quarters. A second-year course in shorthand, consisting of rapid dictation and rapid transcription. Mastery of the principles of Gregg shorthand. Ability to take dictation at the rate of 100 words per minute. Five hours per week. Credit, 9 quarter hours.

224, 225, 226. ACCOUNTING.

Fall, winter, and spring quarters. Fundamental principles of accounting. Theory of debits and credits; journalizing and posting. Use of special journals and ledgers. The trial balance, balance sheet, profit and loss statement, work sheet, and adjusting and closing entries. Two lectures and one laboratory period per week. Credit, 3 quarter hours.

301. BUSINESS ENGLISH.

The purpose of this course is to give the basic elements and principles of good practical English as adapted to the usages of modern business. The topics discussed, besides a thorough review of grammar, are letter planning and preparation; effective letter layouts; credits, collections, and adjustments; selling by mail; job hunting by mail; and basic advertising. Three hours per week. Credit, 3 quarter hours.

302. BUSINESS CORRESPONDENCE.

An evaluation of current practices in business correspondence; a study of the fundamental principles of effective business letter writing and special training in the composition of the various types of business letters. Three hours per week. Credit, 3 quarter hours.

401. BUSINESS ORGANIZATION.

Designed to give the student a knowledge of business and factory organization. Corporations are emphasized. Three hours per week. Credit, 3 quarter hours.

402. COMMERCIAL LAW.

The general principles of business law, including contracts, agency, sales, negotiable instruments, partnerships, corporations, and bankruptcy. Three hours per week. Credit, 3 quarter hours.

403. OFFICE MANAGEMENT.

The aim of this course is to present actual office situations, and, through the assignment of definite problems, to develop an understanding of the principles, materials, and techniques of office practices and management. Special attention is given to the various systems of filing. Three hours per week. Credit, 3 quarter hours.

450. PRACTICAL WORK EXPERIENCE.

Planned work experience approved in advance by the instructor. Required of all majors in Commerce.

452. SECRETARIAL PRACTICE.

This course is designed to bring together the instruction offered in the other commercial courses in order to give the student comprehensive understanding of business as a whole and of the proper relationship of the various parts of business. Instruction in filing is included in this course. The entire course is given by the practical laboratory method. Each student is required to carry out all of the office duties arising from the transactions of an imaginary business. Two lectures and one laboratory period per week. Credit, 3 quarter hours.

DEPARTMENT OF EDUCATION AND PSYCHOLOGY

HAROLD W. KENNEDY, MARY SHARPE

EDUCATION**311. TEACHING OF PRIMARY READING.**

This course deals with the study of the activities, materials, and methods in oral and silent reading in the early elementary grades. Fall; three recitations weekly. Credit, 3 quarter hours.

312. MATERIALS AND METHODS IN PRIMARY GRADES.

This course is designed to provide a background of experiences for the teaching of language, history, and geography in the early elementary grades. Winter; three recitations weekly. Credit, 3 quarter hours.

313. MATERIALS AND METHODS IN PRIMARY GRADES.

The purpose of this course is to study the methods of presenting handwriting and number work in the classroom in the early elementary grades. Recitations and laboratory. Spring. Credit, 3 quarter hours.

321. TEACHING OF READING IN THE GRAMMAR GRADES.

This course is similar to that of Educ. 311, but adapted to the upper grades in the elementary school. Credit, 3 quarter hours.

322. MATERIALS AND METHODS IN GRAMMAR GRADES.

This course is similar to that of Educ. 312, but the content and procedures are adapted to the upper grades in the elementary school. Credit, 3 quarter hours.

323. MATERIALS AND METHODS IN THE GRAMMAR GRADES.

This course is similar to that of Educ. 313, but the content and procedures are adapted to the needs of the upper grades in the elementary school. Credit, 3 quarter hours.

330. ELEMENTARY SCHOOL ORGANIZATION & ADMINISTRATION.

This course deals with the values of organization, the factors involved in organizing, and the problems usually met in the operation of the elementary school. Three recitations weekly. Credit, 3 quarter hours.

331. TESTS AND MEASUREMENT.

The course covers a survey of standardized mental and subject matter achievement tests for both the elementary and secondary school. Fall; three recitations weekly. Credit, 3 quarter hours.

332. TEST AND MEASUREMENT.

A continuation of Educ. 331. Winter. Credit, 3 quarter hours.

333. TECHNIQUE OF THE CLASSROOM.

This course deals with the problems, other than instructional in nature, of the beginning teacher, such as routine of organization, attendance, records and reports, discipline, attitude of pupils toward learning, etc. Spring; three recitations weekly. Credit, 3 quarter hours.

340. TECHNIQUE OF TEACHING IN HIGH SCHOOL.

This course deals with both general and type methods of teaching; different kinds of learning products, control of the learning situation, organization of teaching materials, and classroom procedures for dealing with the individual pupil. Two recitations weekly. Credit, 2 quarter hours.

351. TEACHING OF ROMANCE LANGUAGES IN HIGH SCHOOL.

352. TEACHING OF MATHEMATICS IN HIGH SCHOOL.

354. TEACHING OF MUSIC IN HIGH SCHOOL.

355. TEACHING OF SCIENCE IN HIGH SCHOOL.

356. TEACHING OF ENGLISH IN HIGH SCHOOL.

357. TEACHING OF HOME ECONOMICS IN HIGH SCHOOL.

401. SECONDARY EDUCATION.

This course is designed to provide the student with information concerning the origin, development, and organization of secondary education in the United States. Fall; three recitations weekly. Credit, 3 quarter hours.

402. SECONDARY EDUCATION.

This is a continuation of Educ. 401. Winter; 3 recitations weekly. Credit, 3 quarter hours.

421. OBSERVATION OF AND PREPARATION FOR PRACTICE TEACHING.

The purpose of this course is to acquaint the student with the procedures to be employed in practice teaching. Observation of actual teaching in the area in which the student will subsequently be teaching, planning the course in advance, and discussions covering desirable methods to be employed will constitute the major part of the course. Three recitations or equivalent a week. Credit, 3 quarter hours.

422. PRACTICE TEACHING.

Students preparing to teach are required to do practice teaching under the supervision of critic teachers, to teach a minimum of thirty hours in approved work in the area of special preparation (elementary school or high school), and to participate in conferences with critic or supervising teachers. Prerequisite, Education 421. Credit, 5 quarter hours.

301. GENERAL PSYCHOLOGY.

The biological foundations of behavior, native tendencies, personality, emotions, different types of learning, and various mental functions are studied. All students of junior standing are required to take this course. Fall; three recitations weekly. Credit, 3 quarter hours.

302. EDUCATIONAL PSYCHOLOGY.

The original equipment of man and its modifications and the psychology of learning, with its application to educational practices, are studied. Winter; three recitations weekly. Credit, 3 quarter hours.

PSYCHOLOGY**303. PSYCHOLOGY OF CHILDHOOD.**

Infant equipment, mental and physical growth, and the origin and development of different kinds of behavior into adult forms are studied. Spring; 3 recitations weekly. Credit, 3 quarter hours.

304. PSYCHOLOGY OF ADOLESCENCE.

The aim of this course is to acquaint the student with the pre-adolescence and adolescence as an overlapping stage in growth from childhood to adulthood; behavioristic changes that are concomitant with physiological changes; desirable educational training; influence of social institutions; etc. Spring; 3 recitations weekly. Credit, 3 quarter hours.

DEPARTMENT OF ENGLISH AND SPEECH

GEORGE A. DUNLAP, FRANCES STINEBRING,

R. D. WELLONS, REBA MILLSAPS LOWRY

Requirements for a major in English:

English 131, 132, 133; 201, 202, 203

Thirty quarter hours of electives in English

ENGLISH**131, 132, 133. COMPOSITION, RHETORIC, LITERATURE.**

Written themes, exercises, and readings are required. This course reviews grammar, sentence form, punctuation, and diction. Required of all freshmen. Fall, winter, spring; 5 recitations weekly. Credit, 9 quarter hours.

201, 202, 203. MASTERPIECES OF LITERATURE.

This course requires readings in the literature of many nations. Appreciation of the cultural background and enjoyment in reading are the primary aims. Fall, winter, spring; 3 recitations weekly. Required of all sophomores. Credit, 9 quarter hours.

241, 242, 243. NEWS REPORTING.

A study of the basic principles of reporting news is combined in this course with practical experience in applying them. Fall, winter, spring; 1 recitation weekly. Credit, 3 quarter hours.

331, 332. SURVEY OF AMERICAN LITERATURE.

A chronological survey of American literature from the colonial period to modern times. The most significant writings of American authors are selected for study. Fall, winter; 3 recitations weekly. Required of all students preparing to teach English in secondary schools. Credit, 6 quarter hours.

342, 343. PROSE FICTION.

This course consists of a survey of the origin and development of prose fiction. English and American fiction are studied. Assigned readings and reports are required. Winter, spring; 3 recitations weekly. Elective for juniors and seniors. Credit, 6 quarter hours.

351. SHAKESPEAREAN COMEDIES.

352. SHAKESPEAREAN TRAGEDIES.

These courses consist of reading and study of representative comedies, histories, and tragedies with a social historical background of the period. Fall, winter; 3 recitations weekly. Elective for juniors and seniors. Credit, 6 quarter hours.

353. MODERN DRAMA.

This course offers American and English plays significant of the period for intensive study. Spring; 3 recitations weekly. Elective for juniors and seniors. Credit, 3 quarter hours.

354. THE ESSAY.

A study of the origin and development of outstanding essays. Students are encouraged to note the technique employed by prominent essayists. Fall; 3 recitations weekly. Elective for juniors and seniors. Credit, 3 quarter hours.

363. LITERATURE OF TODAY.

This is a course in English and American contemporary literature. Elective for juniors and seniors. Spring; 3 recitations weekly. Credit, 3 quarter hours.

373. ADVANCED COMPOSITION.

A study of description, narration, and exposition is made. Students are given much practice in the art of writing. Spring in alternate years. Elective for juniors and seniors. Credit, 3 quarter hours.

383. CHILDREN'S LITERATURE.

A study of children's reading preferences according to stage of development and a general survey of literature especially suited to children's interests. Emphasis is placed upon oral reading and story telling, and supervised work is carried on in the demonstration school. Winter; 3 recitations weekly. Required of students preparing for elementary certificates. Credit, 3 quarter hours.

393. WORD STUDY.

This course traces the origins of language, studies particular words, and aims at developing the vocabulary. Spring; 3 recitations weekly. Elective for juniors and seniors. Credit, 3 quarter hours.

401. STORY OF PHILOSOPHY.

This course studies the main philosophical theories that have contributed to culture and thinking. Spring in alternate years; 3 recitations weekly. Required of all students who are candidates for degrees. Credit, 3 quarter hours.

431, 432. SURVEY OF ENGLISH LITERATURE.

This course makes a chronological survey of the field of English literature from the earliest times to the present. The most significant writings of selected English authors are studied. Fall, winter; 3 recitations weekly. Required of all students preparing to teach English in secondary schools. Credit, 6 quarter hours.

443. ENGLISH DRAMA.

This course surveys the dramatic literature of England with special attention given to the development of stage techniques. Spring; 3 recitations weekly. Elective. Credit, 3 quarter hours.

356. THE TEACHING OF ENGLISH IN THE HIGH SCHOOL.

The materials and methods for teachers of English in the junior and senior high schools. This course will consist of discussions concerning the problems of the teacher of literature and composition. Aims and methods, outlines of courses, dramatics and debating are some of the topics discussed. Required of all students preparing to teach English in secondary schools. Fall; 3 recitations weekly. Credit, 3 quarter hours.

SPEECH**101. ORAL INTERPRETATION.**

This course is designed to meet the requirements of students who need training in interpreting literature orally. It aims to give practical training in reading aloud. Fall; 2 recitations weekly. Credit, 2 quarter hours.

151, 152, 153. PLAY PRODUCTION.

A laboratory course training in the production of plays. A study of the duties of the producing staff; costuming, stage business, picturization, emphasis, direction, expression, pantomime, and make-up. Fall, winter, spring; 4 periods weekly. Credit, 6 quarter hours. Credit will not be allowed for this course if student has credit for Speech 131, 132, or 133. Six quarter hours only from courses 101, 151, 153 will be counted towards an English major.

321, 322, 323. ARGUMENTATION AND DEBATE.

A study is made of the principles of argumentation, followed by the preparation and presentation of arguments on debatable issues. Fall, winter, spring; 2 recitations weekly. Credit, 6 quarter hours. Prerequisite: English 131, 132, 133.

DEPARTMENT OF HISTORY AND SOCIAL SCIENCES

HERBERT H. TODD, CLIFTON OXENDINE

Requirements for a major in History, 45 quarter hours:

Orientation 101, 102, 103;

American History and Government 201, 202, 203;

Political Science 301, 302, 303;

Modern European History, 1500 A. D. to Present, 311, 312, 313;

At least nine additional quarter hours are required and may be elected from the following fields:

Ancient and Medieval Civilization, 301, 302, 303;

General Sociology 301, 302, 303;

Rural Sociology 304;

The American Community, Sociology 305;

Principles of Geography 301, 302, 303;

History of North Carolina 321;

Principles of Economics 401, 402.

Requirement for a major in Social Studies, 48 quarter hours:

Orientation 101, 102, 103;

American History and Government, 201, 202, 203;

Modern European History, 1500 A. D. to Present, 311, 312, 313;

Sociology 301, 302, 303.

At least half of the additional required hours must be taken in Political Science, Economics or Georgraphy, additional hours to total at least 45 quarter hours may be elected from any field of the social sciences.

HISTORY

101, 102, 103. ORIENTATION.

A survey of world civilizations, their origin, development, and cultures. Fall, winter, spring; 3 recitations weekly. Required of all freshmen. Credit, 9 quarter hours.

201, 202, 203. AMERICAN HISTORY AND GOVERNMENT.

A study of the development of the American nation from the discovery of the western world to the present. Fall, winter, spring; 3 recitations weekly. Required of all sophomores. Credit, 9 quarter hours.

301, 302, 303. ANCIENT AND MEDIEVAL CIVILIZATION.

A study of western civilizations from earliest times to the year 800. Fall, winter, spring; 3 recitations weekly. Elective for juniors and seniors. Credit, 9 quarter hours.

311, 312, 313. MODERN EUROPEAN HISTORY, 1500 A. D. TO THE PRESENT.

A general course tracing the growth of modern institutions from the close of the Medieval Period to the present. Fall, winter, spring; 3 recitations weekly. Required of majors in history and the social sciences. Elective for juniors and seniors. Credit, 9 quarter hours.

321. HISTORY OF NORTH CAROLINA.

A survey of the history of North Carolina from its settlement to the present. Emphasis is placed on territorial expansion, development of political and social institutions, sectional controversies, internal improvements, slavery and the Civil War, reconstruction, and recent development in education and industry. 3 recitations weekly. Credit, 3 quarter hours.

POLITICAL SCIENCE

301, 302, 303. AMERICAN GOVERNMENT.

An exposition of the principles of political science and a study of the organization, methods and functions of the federal, state and local governments of the United States. Fall, winter, spring; 3 recitations weekly. Required for students majoring in history. Credit, 9 quarter hours.

ECONOMICS

401, 402. PRINCIPLES OF ECONOMICS.

This course is designed to give a general survey of our present day economic organization, and combine historical and theoretical economics with problems. An analysis is made of such subjects as production, distribution, business and labor organizations, money and credit exchange. During the second quarter the work will cover laws and economic value and price, the nature of profits, consumption and saving. Winter, spring; 3 recitations weekly. Elective for seniors. Credit, 6 quarter hours.

403. MONEY AND BANKING.

A survey of the history of money, study of the various money standards, the value of money and its effect on prices, foreign exchange, banking operations, clearing house operations, and operation of the Federal Reserve System. Three hours per week. Credit, 3 quarter hours.

SOCIOLOGY

301, 302, 303. GENERAL SOCIOLOGY.

This course is designed to introduce the student to the general field of society and its problems. Special attention is given to social conflicts, quantitative aspects of population, social control, and social progress. Fall, winter, spring; 3 recitations weekly. Elective for juniors and seniors. Credit, 9 quarter hours.

304. RURAL SOCIOLOGY.

A study of rural problems and institutions. Special emphasis will be given to the rural school, the country church, the grange, and the farm home. Spring; 3 recitations weekly. Elective for juniors and seniors. Alternate with General Sociology, 303. Credit, 3 quarter hours.

305. THE AMERICAN COMMUNITY.

The purpose of this course is to aid the student in obtaining insight into the behavior of typical American communities. Topics: The ancient agricultural village; village type settlements in America; case studies of American communities; community institutions; local social disorganization; the community and the school. Winter; 3 recitations weekly. Elective for juniors and seniors. Credit, 3 quarter hours.

401. THE FAMILY & SOCIAL RELATIONSHIPS.

A course planned to assist the student in developing perspective concerning the problems of marriage and family life. Topics: The Development of the family, Social problems of the American family, Various forms of family disorganization and disintegration, Moral problems of the modern family, the family and the school. Fall; 3 recitations weekly. Required of all majors in Home Economics. Elective for juniors and seniors. Credit, 3 quarter hours.

GEOGRAPHY**301, 302, 303. PRINCIPLES OF GEOGRAPHY.**

The purpose of this course is to acquaint the student with the fundamentals of geography. Emphasis placed upon the physical environment in its relation to human activities. Fall, winter, spring; 3 recitations weekly. Required of students majority in science, and those planning to teach in the elementary schools. Credit, 9 quarter hours.

METHODS**EDUCATION 352. THE TEACHING OF SOCIAL STUDIES IN THE HIGH SCHOOL.**

The course includes problems such as the aims of history, types of recitation, methods of study, methods of presentation, written work, and testing results. Text books, library equipment, maps, and other study aids will be considered. Required of all students planning to teach history and the social sciences. 3 recitations weekly. Credit, 3 quarter hours.

DEPARTMENT OF HOME ECONOMICS

ELIZABETH M. TODD

Requirements for a major in Home Economics:

Home Economics 101, 102, 103;
 201, 202, 203;
 301, 302, 303, 312;
 401, 402, 403, 422;
 Sociology 401.

101, 102, 103. CLOTHING SELECTION AND CONSTRUCTION.

A study of textile fibers and materials, the principles of selection, construction and repair of clothing, the use of commercial patterns. No prerequisite. Fall, winter and spring quarters. One recitation, two laboratory periods weekly. Laboratory fee \$1.50 per quarter. Credit, 9 quarter hours.

201, 202, 203. FOOD, SELECTION AND PREPARATION.

A general course including a study of food products, selection, preparation and serving of food; the essentials of an adequate diet; planning, preparing and serving family meals. Prerequisite, Chemistry; or one year of Science. Fall, winter, spring quarters. One recitation, two laboratory periods weekly. Laboratory fee \$1.50 per quarter. Credit, 9 quarter hours.

301. NUTRITION.

A study of the fundamental principles of human nutrition, and their application in selecting diets at different cost levels, the adaptation of diet to common disorders. Prerequisite, junior or senior standing. Fall quarter. One recitation, two laboratory periods weekly. Laboratory fee \$1.50 per quarter. Credit, 3 quarter hours.

302. HOME NURSING AND FAMILY HEALTH.

This course deals with the prevention of illness, general procedure in caring for the sick in the home, physical care of infants, food for the sick. Winter quarter. Three recitations each week. Credit, 3 quarter hours. Given in 1946-47, alternate years thereafter.

303. CHILD CARE.

A study of the physical, mental and social development of the child, including demonstrations and student reports on observations made of a particular child, also reports on supervision of a child. Spring quarter; 3 recitations weekly. Credit, 3 quarter hours.

312. ADVANCED CLOTHING.

An advanced course in clothing construction designed to increase skill in handling different types of materials, in fitting and in pattern alteration. Emphasis on clothing selection and buying. Winter quarter. One recitation, two laboratory periods weekly. Credit, 3 quarter hours. Given in 1945-46 and alternate years thereafter.

357. METHODS OF TEACHING HOME ECONOMICS.

This course deals with the selection and organization of subject matter adapted to high school home economics classes, and with methods of presenting the work. A study is made of equipment, texts, and illustrative material. Prerequisite: senior standing. Fall quarter. Three recitations weekly. Required of students majoring in home economics. Credit, 3 quarter hours.

402. HOME MANAGEMENT.

This course deals with the management problems in the home as applied to income time, labor and family relationships. Prerequisites, junior or senior standing. Fall quarter. Three recitations weekly. Required of home economics majors. Elective for others. Credit, 3 quarter hours.

403. HOME MANAGEMENT HOUSE RESIDENCE.

A group of students lives for a period of six weeks in the home economics apartment, under the supervision of an instructor. Application is made of the principles of home management through the activities carried on during residence. Prerequisite, home economics students of senior standing. Spring quarter. Group conferences. Required of students majoring in home economics. Credit, 3 quarter hours.

422. HOME FURNISHINGS.

A study is made of the house and its arrangement for satisfactory family living. Emphasis is given to selection and arrangement of furniture and furnishings. One practical problem is undertaken. Winter quarter; 3 recitations per week. Credit, 3 quarter hours.

DEPARTMENT OF MATHEMATICS

JAMES ARNOLD JACOBS (on leave of absence)

Requirements for a major:

Mathematics 111, 112, 113;
 211, 212, 213;
 311, 312, 313.

100. TEACHER'S ARITHMETIC.

A course dealing with the aims, subject matter, methods, and materials involved in arithmetic. Winter; 3 recitations weekly. Required of all students preparing to teach in the elementary schools. Credit, 2 quarter hours.

111, 112. COLLEGE ALGEBRA.

A brief review of high school algebra, followed by a study of quadratic equations, ratio and proportion, binomial theorem, progressions, complex numbers, permutations and combinations, probability, and determinants. Fall, winter; 3 recitations weekly. Credit, 6 quarter hours.

113. PLANE TRIGONOMETRY.

The course includes indirect measurement, solution of right triangles, functions of any angle, solution of oblique triangles, fundamental trigonometric relations, logarithms, solving triangles by use of logarithms, and complex numbers. Prerequisite, plane geometry. Spring; 3 recitations weekly. Credit, 3 quarter hours.

211. SOLID GEOMETRY.

The principal theorems of solid geometry supplemented by the solution of numerical exercises and mensuration problems. Prerequisite, plane geometry. Fall; 3 recitations weekly. Credit, 3 quarter hours.

212, 213. PLANE ANALYTIC GEOMETRY.

A study of rectangular coordinates, loci, the straight line, the circle, conic sections, equations of the second degree, higher plane curves and polar coordinates. Prerequisite: Mathematics 111, 112, 113. Winter, spring; 3 recitations weekly. Credit, 6 quarter hours.

311, 312, 313. DIFFERENTIAL AND INTEGRAL CALCULUS.

A study of the theory of limits, differentiation, applications of the derivation, successive differentiation and applications, differentiation of transcendental functions and applications, parametric equations, polar equations, differentials, integration, and the application of integrals. Prerequisites: Mathematics 212, 213. Fall, winter, Spring; 3 recitations per week. Credit, 3 quarter hours.

EDUCATION 353. THE TEACHING OF MATHEMATICS IN HIGH SCHOOL.

A study of the problems involved in the selection, organization and presentation of the materials in high school mathematics. Fall; 3 recitations weekly. Credit, 3 quarter hours.

DEPARTMENT OF MUSIC

IRA PATE LOWRY

Requirements for a major in music:

Music 111, 112, 113; 211, 212, 213; 221, 222, 223; 301, 302, 320,
 321, 322, 323; 330.

Applied music in one field, 9 quarter hours.

Applied music in a second field, 4 quarter hours.

401, 402, 403 do not count towards a major, although required for certification.

The importance of supplementing a liberal cultural education by a musical education is more and more being realized.

The Department of Music believes:

1. That training in music should be accompanied by, or based upon, a broad and thorough general education.

2. That the mission of a Department of Music is to develop talent to the highest degree of capability, and to increase appreciation for music.

3. That instruction be offered, covering the field of musical study in voice and all the standard instruments; piano, string and wind orchestral instruments, theory, history of music, and public school music.

111, 112, 113. EAR TRAINING AND SIGHT SINGING.

Recognition of the easier intervals, dictation exercises. 3 recitations weekly. Credit, 9 quarter hours. Required of all students that expect to qualify for a Primary or Grammar grade certificate. Open to all students registered in the college.

211, 212, 213. EAR TRAINING AND SIGHT SINGING.

Reading and singing of melodies of chromatic difficulties, dictation of difficult exercises and rhythms. 3 recitations weekly. Credit, 9 quarter hours. Prerequisites: Music 111, 112, 113.

221, 222, 223. THEORY: ELEMENTARY HARMONY.

A course beginning with scales, intervals, and chord formation. Harmonizing melodies and figured bases on paper and at the keyboard through the dominant seventh chord and inversions. 2 recitations weekly. Credit, 6 quarter hours. Open to all students registered in the college. Prerequisites: 111, 112, 113.

301, 302. HISTORY OF MUSIC.

A study of the development of music beginning with the music of the primitive peoples through the ancient cultures, the early Christian church, early folk music, the development of instruments, the three great schools of church music, opera, oratorio and the eighteenth century classic period down to the present day; supplemented with recordings for analysis and recognition. 3 recitations weekly. Credit, 6 quarter hours.

320. CONDUCTING.

A study of hymns, standard anthems, and baton technique. Practical experience in conducting the Glee Club and Orchestra. Either term; 3 recitations weekly. Credit, 3 quarter hours. Prerequisite: a fair reading knowledge of music.

321, 322, 323. HARMONY: KEY BOARD.

A study of cadences, modulations, extemporaneous harmonization of melodies at the piano. 2 recitations weekly. Credit, 6 quarter hours. This course is offered to students who desire to further their education in music leading to a major in music. Prerequisite: Music 211, 212, 213, 221, 222, and 223.

330. MUSIC APPRECIATION.

A survey to aid music students to become more intelligent listeners and to provide a greater source for enjoyment. A careful selection of phonograph records and the use of the radio help greatly in accomplishing the purpose of the course. Either term: 3 recitations weekly. Credit, 3 quarter hours.

401. PUBLIC SCHOOL MUSIC.

A study of the various texts in use in the first three grades. Selection and presentation of rote songs; the child's voice in singing; the unmusical child; introduction of music reading; and methods of interesting children in music. 3 recitations weekly. Credit, 3 quarter hours. Prerequisites: Music 111, 112, 113.

402. PUBLIC SCHOOL MUSIC.

A study of the texts in use in the fourth, fifth, and sixth grades; further development of music reading and introducing the rhythmic problems common to those grades. Any quarter. Credit, 3 quarter hours. Prerequisites: Same as 401.

403. PUBLIC SCHOOL MUSIC.

Junior and Senior High School Methods. Organizations and Materials for Chorus, Glee Club, Bands, Theoretical music classes, Operettas, and Cantatas. 3 recitations weekly. Credit, 3 quarter hours.

404. SENIOR RECITAL.

Credit for this course will be given only to seniors participating in a Senior Public Recital; and that, only when the quality of work done merits extra credit. Credit, 1 to 3 quarter hours.

APPLIED MUSIC

151, 152, 153. VOICE.

Principles of correct breathing, formation and correct tone placement, and elementary exercises for the development of the voice. Easy songs. Special attention given to diction, phrasing and expression. Two thirty-minute lessons given weekly. Credit, 1 quarter hour. May be repeated to a total of nine credit hours. 251, 252, 253; 351, 352, 353; 451, 452, 453.

161, 162, 163;

261, 262, 263; VIOLIN.

361, 362, 363.

A class in the technique of playing the violin, the basic stringed instruments. Two recitations weekly. Credit, 1 quarter hour. May be repeated to a total of nine credit hours.

171, 172, 173;

271, 272, 273; WIND INSTRUMENT CLASSES.

371, 372, 373.

A practical study of the technique of all the wind instruments, especially the Cornet and Trombone. Credit, 1 quarter hour. May be repeated to a total of nine credit hours.

181, 182, 183;

281, 282, 283; PIANO.

381, 382, 383.

Attention is given to technique as well as to encouraging the ability to read at sight. Students are required to practice from one to two hours daily. Two thirty minute lessons weekly. Credit, 1 quarter hour. May be repeated to a total of nine credit hours.

200. GLEE CLUB.

This group is composed of selected voices. Members must have a reading knowledge of vocal music and a voice suitable for the part they are to sing. Three rehearsals weekly. Credit, 1 quarter hour. May be repeated to a total of 3 credit hours.

250. ORCHESTRA.

This organization is to give the student a chance to further his experience in the playing of his instrument and to acquaint him with the materials for the orchestra. Two rehearsals weekly. Credit, 1 quarter hour. May be repeated to a total of 3 credit hours.

Regulations and special requirements:

1. Lessons missed by students will not be made up unless satisfactory arrangements are made with the instructor beforehand. No deductions in fees can be made for absences from lessons.

2. Students must practice at the hour assigned and in the room specified on the practice bulletin. No change is allowed unless by special permission from the office.

3. All credit in applied music will be given on a laboratory basis. A student taking two thirty-minute lessons a week should practice two hours daily.

DEPARTMENT OF PHYSICAL EDUCATION AND HEALTH

VANDA WHICKER

101, 102, 103. GENERAL PHYSICAL EDUCATION AND ELEMENTARY HYGIENE.

The course is designed to meet the needs of the average college freshman in generally active games and includes practice in gymnastics, indoor and outdoor games and instruction in elementary hygiene and theory of play. Fall, winter, spring; 3 periods weekly. Credit, 3 quarter hours.

201, 202, 203. GENERAL PHYSICAL EDUCATION.

The purpose of this course is to provide wholesome recreation and activity for sopohomores and includes calistehns, elementary marching tactics, and games. Fall, winter, spring; 2 periods weekly. Credit, 3 quarter hours.

204. INDIVIDUAL SPORTS.

The purpose of this course is to give the student sufficient knowledge of rules and techniques to enable him to enjoy for recreation such games as table tennis, archery, badminton, and shuffleboard. The knowledge of these sports is especially valuable because of the carry-over into after-college years. Fall; 2 periods weekly. Credit, 1 quarter hour.

210. PERSONAL HEALTH.

The application of personal hygiene as a means of improving living; development of an intelligent attitude toward individual health problems. Fall; 3 recitations weekly. Credit, 3 quarter hours.

211. COMMUNITY AND SCHOOL HYGIENE.

A study of the application of sanitary measures as regards public health; a study of the means of recognizing and controlling communicable diseases. Winter; 3 recitations weekly. Credit, 3 quarter hours.

303. BEGINNER'S TENNIS.

Rules, fundamentals, and basic technique in tennis; sufficient knowledge of the game to develop skill for recreational purposes. Fall and spring; 2 meetings weekly. Credit, 1 quarter hour.

304. CORRECTIVE PHYSICAL EDUCATION.

Diagnosis of and activities especially designed and indicated for the treatment of remediable physical defects. Winter; 3 periods weekly. Credit, 2 quarter hours.

305. FOLK RHYTHMS.

The course is designed to develop poise and grace of carriage in the student and to equip him with sufficient knowledge of folk games for use in recreation. Spring; 2 periods weekly. Credit, 1 quarter hour.

312. HEALTH EDUCATION.

Designed primarily for the purpose of preparing those who expect to teach in methods of planning a health program in the classroom and school, and in the correlation of such a program with other school subjects. Spring; 3 recitations weekly. Credit, 3 quarter hours.

314. FIRST AID AND SAFETY.

This course is designed to acquaint students with emergency situations at school, at home, and elsewhere and in the prevention of accidents. Satisfactory completion of the course carries with it a Standard Certificate in First Aid from the American Red Cross. Winter; 3 recitations weekly. Credit, 2 quarter hours.

318. PLAYGROUND SUPERVISION.

In addition to classroom work the student will spend one period per day on the playgrounds of the demonstration schools under the supervision of the teacher. Fall. Credit, 3 quarter hours.

404. COACHING OF BASKETBALL FOR BOYS.

This course is designed to fill a growing need for men trained as coaches of basketball. Winter; 2 theory and 1 practice periods weekly. Credit, 2 quarter hours.

405. COACHING OF BASKETBALL FOR GIRLS.

This is the same as the course above except that it is planned for girls.

DEPARTMENT OF RELIGIOUS EDUCATION

MARY H. LIVERMORE

101. INTRODUCTION TO THE STUDY OF THE BIBLE.

A course giving briefly the outline of the history and central themes of the Old and New Testaments, the origin and topics of the individual books, and the story of the chief Manuscripts and Versions. Fall; 2 recitations weekly. Credit, 2 quarter hours.

102. THE EARLY LIFE AND MINISTRY OF CHRIST.

A study of the world conditions of His day, His personality, His conception of the Kingdom of God, and His teachings in Galilee. Winter; 2 recitations weekly. Credit, 2 quarter hours.

103. CHRIST'S PEREAN MINISTRY AND PASSION WEEK.

This course emphasizes the purpose and significance of His death and resurrection. Spring; 2 recitations weekly. Credit, 2 quarter hours.

201. THE EARLY CHRISTIAN CHURCH.

A study of the background, growth and problems of the first Christian communities in the Roman Empire, and a brief historical survey from Paul to Constantine. Fall; 2 recitations weekly. Credit, 2 quarter hours.

202. THE LIFE AND EARLY LETTERS OF PAUL.

A study of his preparation and work as a missionary, with the epistles of Thessalonians, Galatians, Corinthians and Romans. Winter; 2 recitations weekly. Credit, 2 quarter hours.

203. THE IMPRISONMENT AND PRISON LETTERS OF PAUL.

A study of his arrest and trials, and the epistles of Ephesians, Philipians, Colossians and Philemon. Spring; 2 recitations weekly. Credit, 2 quarter hours.

301. OLD TESTAMENT PROPHETS.

A study of a world crisis in the eighth century B. C. and four leading prophets, Amos, Hosea, Isaiah and Micah; their message to their contemporaries and its significance today. Fall; 2 recitations weekly. Credit, 1 quarter hour. Open to auditors.

302. OLD TESTAMENT PROPHETS.

A study of the downfall and captivity of Judah, and the writings of Zephaniah, Nahum, Habakkuk and Jeremiah. Their message to their contemporaries and its significance today. Fall; 2 recitations weekly. Credit, 1 quarter hour. Open to auditors.

303. LATER OLD TESTAMENT LEADERS.

A study of the leaders of the Babylonian Exile and Restoration and the literature produced then. The rise of Judaism, and the completion of the Old Testament. Spring; 2 recitations weekly. Credit, 1 quarter hour. Open to auditors.

401. RELIGIOUS EDUCATION IN CHURCH SCHOOLS.

A study of methods to use in Sunday School classes of Beginners, Primaries and Juniors. Practice work recommended in home churches. Fall; 2 recitations weekly. Credit, 1 quarter hour. Open to auditors.

402. RELIGIOUS EDUCATION IN YOUNG PEOPLE'S ORGANIZATIONS.

A study of successful methods used in young people's organizations in the churches, designed to help students lead such groups in their churches. Practice work recommended in home churches. Winter; 1 recitation weekly. Credit, 1 quarter hour.

403. RELIGIOUS EDUCATION IN WORLD MISSIONS.

A study of the great world religions and leaders. Also a survey of the chief mission fields at home and abroad, and the vocational opportunities offered there. A study of the best methods to use in presenting missions. Spring; 2 recitations weekly. Credit, 1 quarter hour. Open to auditors.

DEPARTMENT OF ROMANCE LANGUAGES

REBA MILLSAPS LOWRY, RUDOLPH TREO

Requirements for a major in French or Spanish:

45 quarter hours of college work in the respective language.

(Students presenting two units in high school French or Spanish, who wish to continue the study of that language should enter the 231 course.)

SPANISH

131, 132, 133. ELEMENTARY SPANISH.

Emphasis is placed on pronunciation, vocabulary, syntax, composition, conversation, the reading of simple texts, easy collateral readings, and a study of the customs and geography of Spain, and the Spanish speaking countries. Fall, winter, spring; 3 recitations weekly. This is a course for beginners. Credit, 9 quarter hours.

231, 232, 233. INTERMEDIATE SPANISH.

This course consist of grammar review, readings from Spanish literature, collateral reading, class and individual projects, correspondence with students in Spanish speaking countries and Spanish conversations. Prerequisite: Spanish 131, 132, 133. Fall, winter, spring; 3 recitations weekly. Credit, 9 quarter hours.

331, 332, 333. SPANISH LITERATURE OF THE 19TH CENTURY.

A study of the lives and representative works of the more prominent writers of the period. Prerequisite: Spanish 231, 232, 233. Fall, winter, spring; 3-recitations weekly. Credit, 9 quarter hours.

431, 432, 433. SURVEY OF SPANISH LITERATURE.

A survey of Spanish literature from its origin to the present, with attention given to the influence of national movements on the literature. Conducted largely in Spanish. Prerequisite: Spanish 231, 232, 233. Fall, winter, spring; 3 recitations weekly. Credit, 9 quarter hours.

341, 342, 343. SPANISH LITERATURE OF THE SEVENTEENTH AND EIGHTEENTH CENTURIES.

A study of representative works and authors. Prerequisite: Spanish 331, 332, 333 or 431, 432, 433. Fall, winter, spring; 3 recitations weekly. Credit, 9 quarter hours.

441. SPANISH CONVERSATION AND COMPOSITION.

The object of this course is to provide students with an opportunity to acquire practice in oral and written Spanish, also vocabulary and idiom drill. Prerequisite: Spanish 231, 232, 233. Fall; 3 recitations weekly. Credit, 3 quarter hours.

442. SPANISH SYNTAX.

A careful study of Spanish grammar, with composition to illustrate. Designed for advanced students who expect to teach Spanish. Winter; 3 recitations weekly. Credit, 3 quarter hours.

443. TWENTIETH CENTURY NOVEL.

Representative writers of present day fiction in Spanish. Conducted largely in Spanish. Spring; 3 recitations weekly. Credit, 3 quarter hours.

FRENCH

131, 132, 133. ELEMENTARY FRENCH.

Emphasis is placed on phonetics, diction, drill exercise, elementary reading, questionnaires, simple conversation, easy supplementary reading, and diction. The customs and geography of the French speaking countries are studied. This course is designed for students who have had no high school French and for those whose preparation is not sufficient to qualify them for Intermediate French. Fall, winter, spring; 3 recitations weekly. Credit, 9 quarter hours.

231, 232, 233. INTERMEDIATE FRENCH.

This course consists of a thorough review of French grammar, oral and written practice, reading of French literary works, emphasis on diction and phonetics, collateral reading class projects, a study of France and her people, and correspondence with students in French speaking countries. It is designed for those students who have had two years of high school French and who show evidence of adequate preparation. Fall, winter, spring; 3 recitations weekly. Elective for freshmen and sopohomores. Credit, 9 quarter hours.

331, 332, 333. SURVEY OF FRENCH LITERATURE.

A study of French literature from its origin to the present, conducted largely in French. Prerequisite: French 231, 232, 233. Fall, winter, spring; 3 recitations weekly. Credit, 9 quarter hours.

341. FRENCH PHONETICS.

The essential of phonetics are studied in connection with reading and speaking of the language. A detailed study of the vowel and consonant sounds. Records made by artists of France will serve as models for imitation. Prerequisite: French 231, 232, 233. Fall; 3 recitations weekly. Credit, 3 quarter hours.

342. FRENCH CONVERSATION AND COMPOSITION.

The object of this course is to provide students with an opportunity to acquire practice in spoken and written French; also vocabulary and idiom drill. Winter; 3 recitations weekly. Credit, 3 quarter hours.

343. TWENTIETH CENTURY NOVEL.

Representative writers of present-day fiction in French. Conducted largely in French. Spring; 3 recitations weekly. Credit, 3 quarter hours.

431, 432, 433. FRENCH LITERATURE OF THE 19TH CENTURY.

A study of the lives and representative works of the more prominent writers of the period. Prerequisite: French 231, 232, 233. Fall, winter, spring; 3 recitations weekly. Credit, 9 quarter hours.

441, 442, 443. FRENCH LITERATURE OF THE SEVENTEENTH AND EIGHTEENTH CENTURIES.

A study of representative works and authors. Prerequisite: French 331, 332, 333 or 431, 432, 433. Fall, winter, spring; 3 recitations weekly. Credit, 9 quarter hours.

EDUCATION 351. THE TEACHING OF ROMANCE LANGUAGES IN THE HIGH SCHOOL.

A discussion of the problems of reading, grammar and pronunciation, choice of text books and reference books, and methods of teaching. Prerequisite: French 431, 432, 433, or Spanish 331, 332, 333 or their equivalents. Required of students majoring in either French or Spanish. Fall; 3 recitations weekly. Credit, 3 quarter hours.

DEPARTMENT OF SCIENCE

PAUL L. HOLLISTER

Requirements for a major in Science:

Biology 101, 102, 103; 211, 212; Chemistry 211, 212, 215; Physics 311, 312, 313. (Advisable, also, Science Survey, 201, 202, 203.)

Requirements for a major in Biology:

Biol. 101, 102, 103; 211, 212; Chemistry 211, 212.
Biol. 223, 315, 316, 317.

Advised for pre-dental, pre-nursing, and pre-medical students:

Biol. 101, 102, 103; 211, 212; 315; Chemistry 211, 212, 215; with the addition of Physics 311, 312, 313 for pre-medical students.

Advised for those planning to teach science in high school:

Biol. 101, 102, 103; 211, 212; 223; 315, 316, 317; Chemistry 211, 212; Science Survey 201, 202, 203; Physics 311, 312, 313.

BIOLOGY**101, 102, 103. SURVEY OF THE BIOLOGICAL SCIENCES.**

This course is designed to introduce the student to the various aspects of the biological sciences, to show how certain biological problems have been solved by scientists, and to develop an understanding of the contribution that some biologists have made to the mental and physical welfare of the human race. Readings, recitations, discussions, field trips, demonstrations, and regular group or individual laboratory work. Fall, winter, and spring; 3 one-hour and 1 two-hour periods per week. Fee \$1.50 each quarter. Credit, 12 hours. Required of all freshmen.

211, 212. HUMAN PHYSIOLOGY.

The functions of the organs and systems of the body are studied intensively. Only the essentials of structure are considered. Selected group and individual laboratory exercises are used. Open to students who have completed Biol. 101, 102, 103 or the equivalent. A knowledge of chemistry is desirable, also. Laboratory fee \$1.50. Fall and winter, or spring and fall, on alternate years; 3 one-hour, and 1 two- or three-hour period each week. Credit, four hours per quarter, or 8 hours.

223. ELEMENTARY ECOLOGY.

This is a study of the relations of the plants and animals to their environment. Certain of the local forms of life are studied directly in laboratory and field. Open to those who have completed Biol. 101, 102, 103. Offered in the spring on alternate years. Two one-hour, and 1 three-hour periods per week. Spring quarter. Credit, 3 hours.

315. GENERAL BACTERIOLOGY.

The course is planned to introduce the student to most of the important principles of bacteriology. Bacteria of the air, foods, milk, and water are considered more than the strictly disease-producing bacteria, the study of which is technical. Only the more elementary techniques must be acquired. Winter, 1946, and on alternate years. Laboratory fee \$1.50. Two 1-hour and two 2-hour periods per week. Credit, 4 hours.

316. ENTOMOLOGY.

This is an introduction to the study of insects. Special emphasis is placed on common insects and on those that are either distinctly helpful or harmful to man. A collection with identification is required but this is not the main point of the course. Laboratory fee \$1.50. One 1-hour and two 2-hour periods per week. Credit, 3 hours.

317. HEREDITY.

For those who have had foundational work in biology, this course provides additional information regarding the laws of heredity and some of their most important applications. The examples used are drawn largely from the study of human heredity and genetics as applied to crop plants. The famous fruit fly and other material are studied in the laboratory. Laboratory fee \$1.50. Two 1-hour and two 2-hour periods per week. Credit, 4 hours.

201, 202, 203. SURVEY OF THE PHYSICAL SCIENCES.

For those who need a general knowledge of astronomy, chemistry, geology, and physics, this course furnishes an introduction. It also provides insight into the problems faced by pioneers in science and something of their contributions to all generations. Readings, discussions, recitations, and demonstrations of considerable variety. Open to those who have had a year of science in college but who have had neither general chemistry nor physics. Offered fall, winter, spring, on alternate years; four periods per week. Credit, 12 hours.

CHEMISTRY

211, 212. GENERAL CHEMISTRY.

This is an introduction to the methods, materials, and principles of inorganic chemistry. Open to those who have successfully completed a year of science in college. Required of all majoring in science, biology, and in the teaching of science in high school. Offered on alternate years, fall and winter, three 1-hour periods and two 2-hour periods per week. Laboratory fee \$1.50. Breakage deposit, returnable at the end of the course, if unused, \$2.00. Credit, 10 hours.

215. ORGANIC CHEMISTRY.

This furnishes an introduction to the study of carbon compounds, especially those that are fundamentally important to this science and to related subjects. Fees, breakage deposit, and hours—see 211, 212. Offered when the demand warrants. Open to those with 211, 212 completed. One quarter. Credit, 5 hours.

PHYSICS

311, 312, 313. GENERAL PHYSICS.

This course covers the usual topics of the introductory work in physics. Required of all students who major in science, who study medicine, and who plan to teach science in high schools. The topics for 311 are selected for the benefit of those majoring in home economics. 312 and 313 are open only to those who have had five quarters of sciences in college and who have had one course in college algebra. Fall, winter, and spring, 1945-46, and on alternate years thereafter. Laboratory fee, \$1.50 each quarter. Three one-hour and one two-hour period each week. Credit, 12 hours.

SCIENCE TEACHING

EDUCATION 355. THE TEACHING OF HIGH SCHOOL SCIENCE.

This course deals with the materials and methods of science teaching and is designed to be important in the preparation for teaching the sciences in high schools. Assigned readings, reports, field trips, conferences, and so on. Offered in the fall of odd-numbered years or according to demand. Credit, 3 hours.

EX-STUDENTS AND ALUMNI WHO HAVE ENTERED THE SERVICE, WORLD WAR II

Barnes, Alton	Jones, Chancie	Maynor, James W.
Barton, Lewis R.	Jones, James Arthur	Maynor, Luther V.
Bell, Eldon	Jones, Lee Dee	Maynor, Theodore
Blanks, John	Kerns, Leroy	Miller, Vardell
Blue, Brantley	Locklear, Abner Nash	Moore, Harbert
Bowen, Willie D.	Locklear, Anson	Neville, Lee
Brewer, Roscoe	Locklear, Curt	Oxendine, Alford
Brooks, Venus	Locklear, Fred	Oxendine, Conrad
Bullard, Reese	Locklear, Isaac	Oxendine, Grady
Bullard, Varser	Locklear, James Q.	Oxendine, Heavard
Bryant, Jimmie	Locklear, James B.	Oxendine, Herbert
Burnett, Otis	Locklear, Ledger	Oxendine, Hubert
Canady, Harvey	Locklear, Lock B.	Oxendine, James H.
Carter, Harlie	Locklear, Montford	Oxendine, James F.
Carter, Rudolph	Locklear, Thurman	Oxendine, John
Chavis, Carleton H.	Locklear, Walter	Oxendine, Newman
Chavis, George	Locklear, Wm. Castor	Oxendine, Prathen
*Chavis, Marvin	Locklear, Willard	Oxendine, Thadis
Chavis, Z. R.	Lowry, Adna V.	Oxendine, Thomas
Clark, Clayton	Lowry, Bernard	Oxendine, Wm. Earl
Cummings, Coolidge	Lowry, Cleveland	Ransom, Andrew
Cummings, Simeon	Lowry, Dorsey V.	Ransom, Earl
Dial, Adolph L.	Lowry, Fred	Ransom, Edison
Dial, Danford	Lowry, Harold	Ransom, Julian
Dial, Dormic	Lowry, Jason	Rogers, Raeford
Dial, Grady	Lowry, Jesse Edens	Revels, Wm. Gaston
Dial, James Henley	Lowry, John R., Jr.	Sampson, Earl B.
Godwin, Rudolph	Lowry, Lonnie	Sampson, James
Hammonds, Albert	Lowry, Marvin, Jr.	Sampson, James Albert
Hammonds, Clinton	Lowry, Monroe	Sampson, Knox
Hammonds, James H.	Lowry, Murriel	Sanderson, James
Hunt, Carl	Lowry, Osbourne	Sanderson, T. B.
Hunt, Carlee G.	Lowry, Otis Megal	Sanderson, Varser
Hunt, Eva Lois	Lowry, Ronald	Sanderson, Wm. Daniel
Hunt, Martin	Lowry, Telford	Shepeard, Earl R.
Hunt, Nick	Lowry, Varser	Smith, John Allen
Hunt, Robert	Lowry, Vincent	Smith, Millard
Hunt, Vernon	*Lowry, Wade	Spaulding, Stanton
Hunt, Wm. Lloyd	Lowry, Welton	Spaulding, Vincent
Jacobs, James A.	Lowry, Woodrow	Swett, Furman
Jacobs, Josephus D.	Maynor, Bracey V.	*Swett, James
Jacobs, R. B.	Maynor, Ben James	*Thompson, Verl
Jacobs, Welton	Maynor, Cleo	Worriax, John Reasley
	Maynor, Earlie B.	

*Died in Action.

OFFICERS OF THE ALUMNI ASSOCIATION

JOHN L. CARTER, President	Pembroke, N. C.
BENNIE R. SAMPSON, Vice-President	Pembroke, N. C.
JAMES BREWINGTON, Treasurer	Pembroke, N. C.
C. L. MAYNOR, Sergeant-at-Arms	Pembroke, N. C.
MRS. VERNIE H. CANADY, Secretary	Lumberton, N. C.

NOTE: For complete list of Alumni see Catalogs, June 1941 and June 1943.

CLASS OF 1943

Brewington, James	Pembroke, N. C.
Canady, Vernia Mae	Lumberton, N. C.
Carter, John L.	Pembroke, N. C.
Chavis, Reba	Lowe, N. C.
Chavis, Lucy Jane	Rowland, N. C.
Cummings, Cammie	Rowland, N. C.
Dial, Adolph	Maxton, N. C.
Dial, Ziatra	Rowland, N. C.
Dimery, Martha	Fairmont, N. C.
Godwin, Clellier	Pembroke, N. C.
Hunt, Christine	Fairmont, N. C.
Jacobs, Kinlaw	Pembroke, N. C.
Locklear, Margaret	Pembroke, N. C.
Lowry, Adna V.	Rowland, N. C.
Lowry, Richard Seavie	Pembroke, N. C.
Maynor, Alice	Pembroke, N. C.
Maynor, Etta Mae	Pembroke, N. C.
Oxendine, Maggie Lee	Pembroke, N. C.
Sampson, Wilma	Pembroke, N. C.
Smith, Roger Millard	Pembroke, N. C.
Spaulding, Mary Ann	Rowland, N. C.
Spaulding, Missouri	Rowland, N. C.
Wilkins, Mary Delessie	Pembroke, N. C.

CLASS OF 1944

Carter, James Warren	Pembroke, N. C.
Dial, Macy Lee	Pembroke, N. C.
Hunt, Albert	Lowe, N. C.
Locklear, Georgia Carol	Pembroke, N. C.
McGirt, Elizabeth	Pembroke, N. C.
Oxendine, Adief Belle	Pembroke, N. C.
Smith, Anna Victoria	Pembroke, N. C.
Smith, Lula Jane	Pembroke, N. C.

REGISTER OF STUDENTS 1944-45**SENIOR CLASS**

Brooks, Katherine	Maxton, N. C.
Brooks, Venus	Pembroke, N. C.
Chavis, Lucy Jane	Rowland, N. C.
Harris, Lettie Mae	Maxton, N. C.
Jacobs, Delton	Rowland, N. C.
Jacobs, Mary	Pembroke, N. C.
Locklear, Sadie Ray	Lumberton, N. C.
Maynor, Dawley	Pembroke, N. C.
Maynor, James W.	Pembroke, N. C.
Thomas, Ira Lee	Lumberton, N. C.

JUNIOR CLASS

Brooks, Althea	Pembroke, N. C.
Bullard, Trudie	Maxton, N. C.
Chavis, Doris	Lumberton, N. C.
Cummings, Etha Mae	Pembroke, N. C.
Locklear, Thelma	Lumberton, N. C.
Maynor, Helen	Pembroke, N. C.
Maynor, Jesse	Pembroke, N. C.
McNeill, Phronia	Lumberton, N. C.
Oxendine, Gladys	Pembroke, N. C.

SOPHOMORE CLASS

Blanks, Ruby	Pembroke, N. C.
Brooks, Joseph	Fairmont, N. C.
Bullard, Beecher	Maxton, N. C.
Chavis, Clara	Lumberton, N. C.
Chavis, Dorothy Marie	Pembroke, N. C.
Chavis, Jane	Wakulla, N. C.
Chavis, Wilson	Pembroke, N. C.
Dial, Agnes	Pembroke, N. C.
Dial, Tommie	Pembroke, N. C.
Locklear, Clyde	Pembroke, N. C.
Locklear, Gertie	Rowland, N. C.
Locklear, Lela	Maxton, N. C.
Locklear, Mercer	Maxton, N. C.
Locklear, Pearlie	Lumberton, N. C.
Lockley, Clementine	Fairmont, N. C.
Lowry, Ronald	Pembroke, N. C.
Lowry, Winford	Pembroke, N. C.
Martin, Mary	Pembroke, N. C.
Maynor, Eunice	Pembroke, N. C.
McGirt, Robert	Lumberton, N. C.
Morgan, Bernice	Fairmont, N. C.
Oxendine, Clara	Pembroke, N. C.
Oxendine, Cletus	Rowland, N. C.
Oxendine, Hannah	Pembroke, N. C.
Oxendine, Mavis	Rowland, N. C.
Sampson, Lucille	Maxton, N. C.
Wilkins, Myrtle	Lumberton, N. C.

FRESHMAN CLASS

Bullard, Iona	Maxton, N. C.
Burnett, Josephine	Lumberton, N. C.
Carter, Tom N.	Pembroke, N. C.
Chavis, Queenie Mae	Lumberton, N. C.
Chavis, Wilton R.	Pembroke, N. C.
Dial, Betsy	Lumberton, N. C.
Hunt, Agnes	Rowland, N. C.
Jacobs, Debra	Fairmont, N. C.
Jacobs, Dora Marie	Pembroke, N. C.
Jacobs, Earline	Maxton, N. C.
Jacobs, Phoda	Pembroke, N. C.
Jacobs, Sallie Mae	Red Springs, N. C.
Johnson, Magenta	Pembroke, N. C.
Jones, John R.	Pembroke, N. C.
Jones, Ruth Marie	Pembroke, N. C.
Locklear, Catherine	Pembroke, N. C.
Locklear, Clarence Frederick	Pembroke, N. C.
Locklear, Gaston	Maxton, N. C.
Locklear, Hazel	Lumberton, N. C.
Locklear, Johnnie Lee	Lumberton, N. C.
Locklear, Josephine	Pembroke, N. C.
Locklear, Margaret	Maxton, N. C.
Locklear, Retha Mae	St. Pauls, N. C.
Locklear, Walter	Maxton, N. C.
Lowry, Bonnie Rea	Lumberton, N. C.
Lowry, M. L., Jr.	Pembroke, N. C.
Lowry, Sarah Lois	Pembroke, N. C.
Lowry, Vernon Hazel	Pembroke, N. C.
Loyd, Catherine	Pembroke, N. C.
Martin, Carlee	Pembroke, N. C.
Maynor, Mary Frances	Pembroke, N. C.
Moore, Mary Frances	Maxton, N. C.
Oxendine, Luanna	Maxton, N. C.
Roberts, Christine	Pembroke, N. C.
Roberts, Ruth	Pembroke, N. C.
Sampson, Guerney	Pembroke, N. C.
Sanderson, Varsar	Lumberton, N. C.
Thompson, Vernon Ray	Lumberton, N. C.

SUMMER SESSION 1943

Bell, Betty Lou	Pembroke, N. C.
Bullard, Dottie	Maxton, N. C.
Chavis, Doris	Lumberton, N. C.
Dial, Carrie Lee	Maxton, N. C.
Fields, Dorthy D.	Lowe, N. C.
Godwin, Nettie L.	Pembroke, N. C.
Harris, Lettie Mae	Maxton, N. C.
Hunt, Albert	Pembroke, N. C.
Locklear, Anna Mae	Pembroke, N. C.
Locklear, Georgia Carol	Pembroke, N. C.
Lucas, Maggie	Rowland, N. C.
McGirt, Elizabeth S.	Pembroke, N. C.
Oxendine, Dorothy F.	Pembroke, N. C.
Revels, Howard Lee	Lumberton, N. C.
Spaulding, Mackeley	Rowland, N. C.
Thompson, Lillian	Pembroke, N. C.

SUMMER SESSION 1944

Brooks, Katherine	Maxton, N. C.
Bullard, Trudie	Maxton, N. C.
Harris, Lettie Mae	Maxton, N. C.
Locklear, Anna Mae	Pembroke, N. C.
Lowry, Reba	Pembroke, N. C.
Oxendine, Dorothy	Pembroke, N. C.
Paul, Willie F.	Pembroke, N. C.
Spaulding, Mackeley	Rowland, N. C.

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