

VOL. IV

JUNE, 1959

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NO.1

PEMBROKE STATE COLLEGE

PEMBROKE, NORTH CAROLINA

1959 - CATALOG - 1960

Pembroke State College is a fully accredited member of The Southern Association of Colleges and Secondary Schools, The Association of American Colleges, and The North Carolina College Conference.

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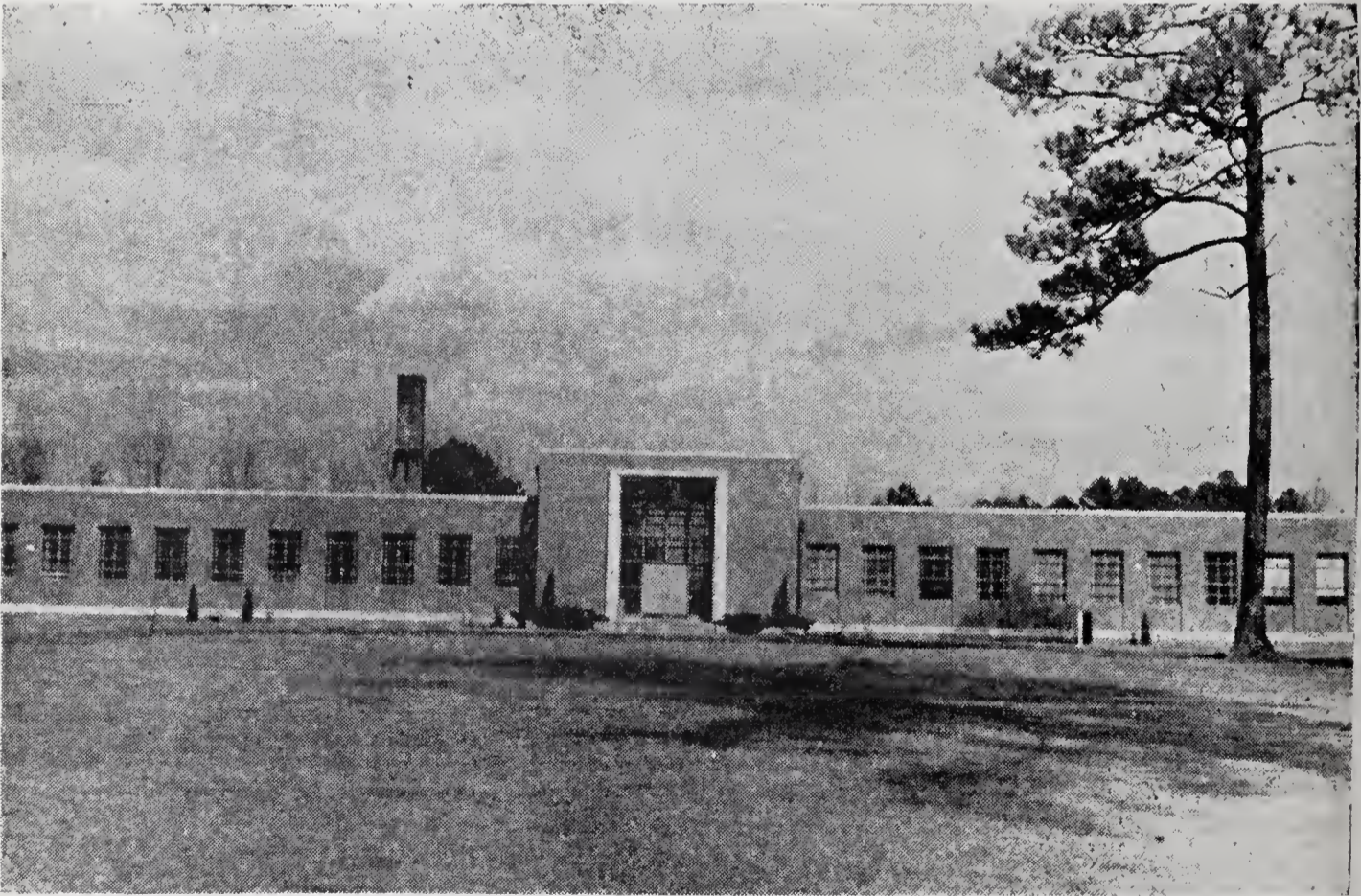
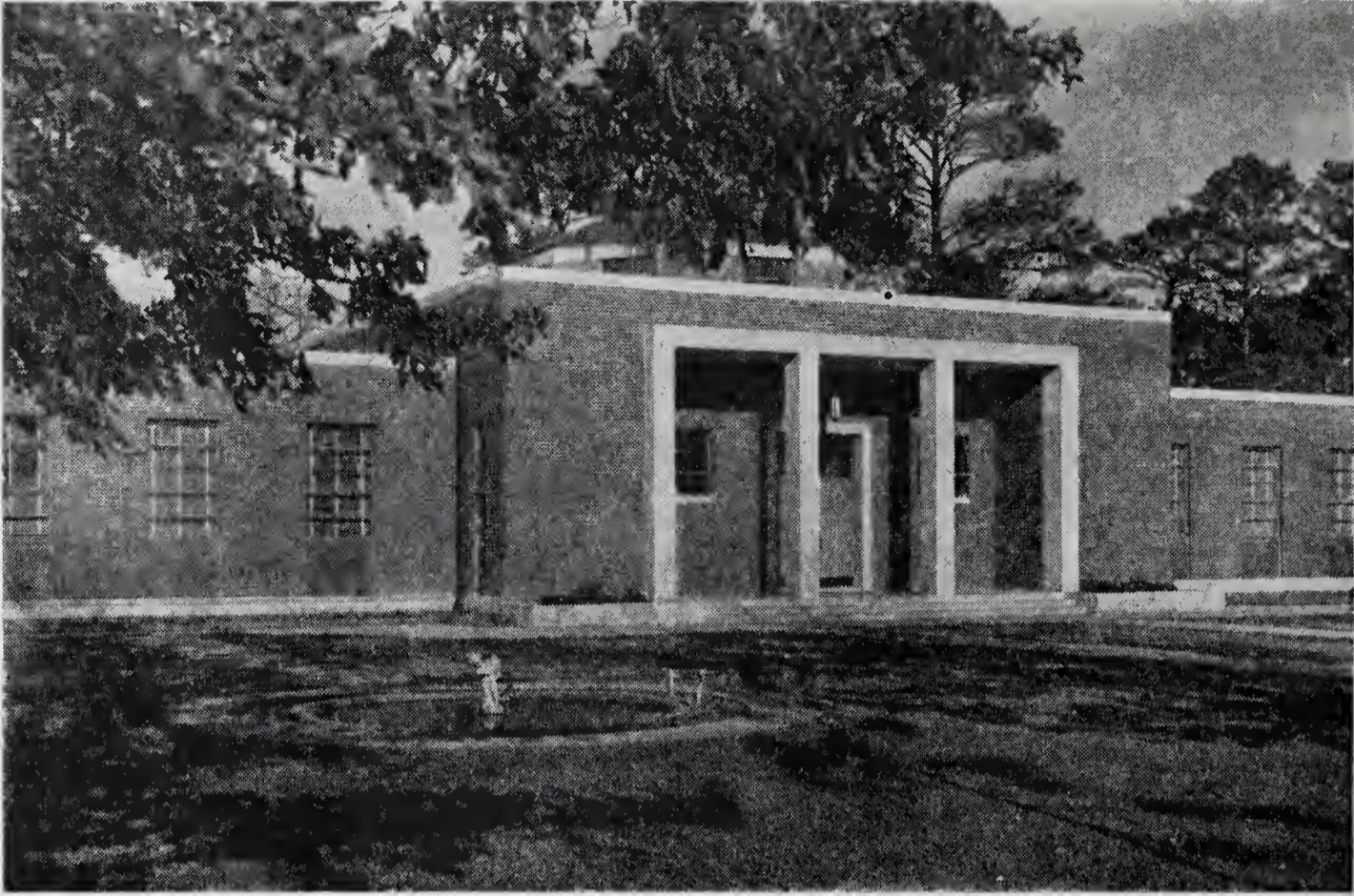


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CALENDAR FOR 1959

MAY							JULY							SEPTEMBER							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	4	5	1	2	3	4	5	6	7
3	4	5	6	7	8	9	5	6	7	8	9	10	11	6	7	8	9	10	11	12	8	9	10	11	12	13	14
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17	18	19	20	21	22	23	19	20	21	22	23	24	25	20	21	22	23	24	25	26	22	23	24	25	26	27	28
24	25	26	27	28	29	30	26	27	28	29	30	31	27	28	29	40	29	30									
31																											

JUNE							AUGUST							OCTOBER							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	4	5	6						1					1	2	3			1	2	3	4	5	
7	8	9	10	11	12	13	2	3	4	5	6	7	8	4	5	6	7	8	9	10	6	7	8	9	10	11	12
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21	22	23	24	25	26	27	16	17	18	19	20	21	22	18	19	20	21	22	23	24	20	21	22	23	24	25	26
28	29	30	23	24	25	26	27	28	29	25	26	27	28	29	30	31	27	28	29	30	31						
							30	31																			

CALENDAR FOR 1960

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						1	2						1	2						1	2
3	4	5	6	7	8	9	3	4	5	6	7	8	9	3	4	5	6	7	8	9	2	3	4	5	6	7	8
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17	18	19	20	21	22	23	17	18	19	20	21	22	23	17	18	19	20	21	22	23	16	17	18	19	20	21	22
24	25	26	27	28	29	30	24	25	26	27	28	29	30	24	25	26	27	28	29	30	23	24	25	26	27	28	29
31													31							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	4	5	6	1	2	3	4	5	6	7	1	2	3	4	5	6			1	2	3	4	5	
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28	29	29	30	31	29	30	31	28	29	30	31	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	4	5			1	2	3	4					1	2	3					1	2	3	
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27	28	29	30	31	26	27	28	29	30	25	26	27	28	29	30	25	26	27	28	29	30	31					

CALENDAR FOR 1961

JANUARY							MARCH							MAY							JULY						
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	7			1	2	3	4	1	2	3	4	5	6						1	2		
8	9	10	11	12	13	14	5	6	7	8	9	10	11	7	8	9	10	11	12	13	2	3	4	5	6	7	8
15	16	17	18	19	20	21	12	13	14	15	16	17	18	14	15	16	17	18	19	20	9	10	11	12	13	14	15
22	23	24	25	26	27	28	19	20	21	22	23	24	25	21	22	23	24	25	26	27	16	17	18	19	20	21	22
29	30	31	26	27	28	29	30	31	28	29	30	31	28	29	30	31	23	24	25	26	27	28	29				
																			30	31							

FEBRUARY							APRIL							JUNE							AUGUST						
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						1					1	2	3			1	2	3	4	5	
5	6	7	8	9	10	11	2	3	4	5	6	7	8	4	5	6	7	8	9	10	6	7	8	9	10	11	12
12	13	14	15	16	17	18	9	10	11	12	13	14	15	11	12	13	14	15	16	17	13	14	15	16	17	18	19
19	20	21	22	23	24	25	16	17	18	19	20	21	22	18	19	20	21	22	23	24	20	21	22	23	24	25	26
26	27	28	23	24	25	26	27	28	29	25	26	27	28	29	30	27	28	29	30	31							

CALENDAR

1959-60

1960-61

Sept.	14	.....Fall Semester Begins.....	Sept.	12
Sept.	14	.....Freshmen Placement Test, 8:30 A.M.....	Sept.	12
Sept.	17	.....Registration of Upperclassmen, 8:30 A.M.....	Sept.	15
Sept.	17	.....Reception for new students.....	Sept.	15
Sept.	23	.....Last Day to Register for Full Load of 16 Hours Credit.....	Sept.	21
Nov.	26-27	.....Thanksgiving Holidays.....	Nov.	24-25
Dec.	17	.....Christmas Party.....	Dec.	17
Dec.	18	.....Christmas Holidays Begin at 4:30 P.M.....	Dec.	20
Jan.	4	.....Classes Resumed at 8:00 A.M.....	Jan.	4
Jan.	7-8	.....Pre-Registration for Spring Semester.....	Jan.	5-6
Jan.	19-22	.....Fall Semester Examinations.....	Jan.	17-20
Jan.	22	.....Fall Semester Closes.....	Jan.	20
Jan.	25	.....Spring Semester Begins.....	Jan.	23
Feb.	3	.....Last Day to Register for Full Load of 16 Hours Credit.....	Feb.	1
April	1	.....Spring Concert by Glee Club.....	March	24
April	14	.....Spring Holidays Begin at 10:00 P.M.....	March	30
April	25	.....Classes Resumed at 8:00 A.M.....	April	10
May	2	.....May Day Program.....	May	1
May	12	.....Senior Class Play.....	May	11
May	19	.....Senior Class Day.....	May	18
May	23-27	.....Spring Semester Examinations.....	May	22-26
May	27	.....Alumni Homecoming.....	May	26
May	29	.....Baccalaureate Sermon.....	May	28
May	29	.....President's Reception.....	May	28
May	30	.....Graduation Exercises.....	May	29
June	6	.....Summer School Begins.....	June	5
July	4	.....National Holiday.....	July	4
July	9	.....All classes meet.....	July	8
July	15	.....Summer School Closes.....	July	14

BOARD OF TRUSTEES

REV. L. W. JACOBS, *Chairman*

LESTER BULLARD

ZEB A. LOWRY

A. E. HAMMONDS

JAMES R. LOWRY

STEVE HAMMONDS, JR.

ELMER T. LOWRY

CHARLES HOSTETLER

CARL L. MAYNOR

HAL LITTLE

ASHLEY MURPHY

EDWARD L. WILLIAMSON

ADMINISTRATIVE AND OTHER OFFICERS

WALTER J. GALE.....*President*

HERBERT G. OXENDINE.....*Dean of Faculty*

ENGLISH JONES.....*Dean of Men*

I. RUTH MARTIN.....*Dean of Women*

JOHN L. CARTER.....*Registrar*

MARJORIE KANABLE.....*Librarian*

INEZ B. FREEMAN.....*Budget Officer*

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

BERTEEN O. PRINE.....*Secretary to the President*

JUANITA OXENDINE.....*Secretary to the Librarian*

NORMA JEAN THOMPSON.....*Secretary to the Registrar*

FACULTY

- BRANTL, GEORGE E., A. B., M.A., Ph.D. 1957.....*Philosophy and English*
Chairman of the Division of Communications and Languages
 A.B., Woodstock College; M.A., Fordham University; Ph.D., Columbia University
- CAMPBELL, BETTY JEAN, B.S. 1958.....*Home Economics*
 B.S., Winthrop College
- CANNON, JOHN W., B.A., M.Ed., M.F.A. 1959.....*Art*
 B.A., University of North Carolina; M.Ed., George Peabody College for Teachers; M.F.A.,
 New York State College of Ceramics
- CARNES, OTIS G., B.A., B.D., Th.D. 1959.....*Philosophy*
 B.A., Stephen F. Austin College; B.D., Yale Divinity School; Th.D., Boston University
- CARTER, JOHN L., A.B. 1959.....*Registrar*
 A.B., Pembroke State College; Graduate study, College of the Pacific
- CASALE, ELIZABETH CRADDOCK, B.S., M.A., Ph.D. 1959.....*English*
 B.S., Memphis State College; M.A., George Peabody College; Ph.D., Vanderbilt University
- DIAL, ADOLPH L., A.B., Ed.M., C.A.G.S. 1958.....*History and Social Science*
 A.B., Pembroke State College; Ed.M., C.A.G.S., Boston University
- DUNN, BERTHA WOOD, B.S., M.A. 1950.....*Business Education*
 B.S., University of Alabama; M.A., Northwestern University
- EBERT, JAMES B., B.S., M.A. 1956.....*Science*
 B.S., Louisiana State University; M.A., Duke University
- FARMER, JAMES S., A.A., A.B., M.A. 1957.....*English*
 A.A., Mars Hill; A.B., M.A., University of North Carolina; Graduate Study, Wake
 Forest College
- GALE, WALTER J., B.S., M.Ed., Ed.D. 1956.....*President*
 B.S., New Jersey State Teachers College; M.Ed., Ed.D., Duke University
- HOFF, CLAYTON HENRY, B.A., M.A. 1958.....*English*
 B.A., McGill University; M.A., Washington University; Graduate study, Washington
 University
- HOFFMAN, EDWIN D., B.S., M.A., Ed.D. 1958.....*History*
Chairman of the Division of Social Science
 B.S., City College of the City of New York; M.A., Ed.D., Columbia University
- JACOBS, JAMES A., B.S., M.Ed. 1937.....*Mathematics*
 B.S., Murray State Teachers College; M.Ed., Duke University
- JONES, ENGLISH, B.S., M.S. 1957.....*Agriculture*
 B.S., Western Kentucky State College; M.S., North Carolina State College
- KANABLE, MARJORIE, A.B., B.S., M.A. 1942.....*Librarian*
 A.B., Ohio Wesleyan University; B.S., M.A., University of Denver

- LAUFFER, RICHARD A., A.B., M.Ed. 1956.....*Physical Education*
A.B., Duke University; M.Ed., University of North Carolina
- LIVERMORE, ETHELYN. 1957.....*Director of Band*
- LOWRY, REBA M., A.B., M.A. 1932.....*Languages*
A.B., Maryville College; M.A., University of Tennessee; Graduate Study, Ohio State University
- MCCALL, CHRISTINE GEORGE, A.B., M.Ed. 1958.....*Physical Education*
A.B., University of South Carolina; M.Ed., University of Arkansas
- MARTIN, I. RUTH, A.B., M.R.E., M.A. 1953.....*Journalism and Religion*
A.A., Mars Hill; A.B., Meredith College; M.R.E., Southwestern Baptist Theological Seminary; M.A., Emory University; Graduate study, Jerusalem, Israel
- MOORE, MELTON, B.M., A.M. 1957.....*Music*
B.M., Cincinnati Conservatory of Music; A.M., New York University; Graduate Study, Julliard School of Music, Iowa State Teachers College
- OLSEN, CARL F., B.S., M.S. 1959.....*Mathematics*
B.S., Cornell University; M.S., Cornell University
- OXENDINE, CLIFTON, A.B., M.A. 1939.....*History and Social Science*
A.B., McKendree College; M.A., George Peabody College for Teachers; Graduate Study, George Peabody College for Teachers
- OXENDINE, HERBERT G., B.S., Ed.M., Ed.D. 1953 *Dean of Faculty, Education*
Chairman of Division of Education
B.S., Western Carolina Teachers College; Ed.M., Ed.D., Boston University
- RANSOM, ANDREW, B.S., M.Ed. 1956.....*Science*
B.S., Pembroke State College; M.Ed., Ohio State University
- RANSOM, ELMA LOUISE, B.S., M.A. 1958.....*Music*
B.S., M.A., Ohio State University
- RAPER, NANCY, B.A., M.Ed. 1957.....*Education*
B.A., Duke University; M.Ed., Woman's College of the University of North Carolina
- TAMAR, HENRY, A.B., M.S., Ph.D. 1957.....*Science*
Chairman of Division of Science and Mathematics
A.B., New York University; M.S., Ph.D., Florida State University
- WEBER, DONALD B., B.S., M.S. 1957.....*Education*
B.S., Oswego State Teachers College; M.S., Hofstra College
- WOLF, VICTOR WILLIAM, B.A., M.A. 1958.....*Business and Economics*
B.A., M.A., Norges Handelshoyskole, Bergen (Norway)

FACULTY COMMITTEES—1958-59

(The first person named serves as chairman.)

ARTS FORUM: Melton Moore, George E. Brantl, I. Ruth Martin, Elma Ransom, Angelika Reckendorf.

ATHLETICS: Richard A. Lauffer, James B. Ebert, I. Ruth Martin, Christine McCall, Andrew Ransom.

CATALOG: James A. Jacobs, Bertha Wood Dunn, James S. Farmer, Edwin D. Hoffman, Henry Tamar.

CHAPEL: I. Ruth Martin, James S. Farmer, Reba M. Lowry, Melton Moore, Clifton Oxendine.

CURRICULUM: Herbert G. Oxendine, George E. Brantl, James A. Jacobs, Clifton Oxendine, Henry Tamar.

DISCIPLINE: Herbert G. Oxendine, Bertha Wood Dunn, James A. Jacobs, I. Ruth Martin, Elma Ransom.

DISPLAY: Angelika Reckendorf, Betty Campbell, Bertha Wood Dunn, Marjorie Kanable, English Jones.

GUIDANCE: Nancy Raper, English Jones, I. Ruth Martin, Herbert G. Oxendine, Donald B. Weber.

LIBRARY: Marjorie Kanable, George E. Brantl, Edwin D. Hoffman, Nancy Raper, Henry Tamar.

REGISTRATION: James A. Jacobs, George E. Brantl, English Jones, Herbert G. Oxendine, Andrew Ransom.

SCHOLARSHIP & STUDENT ASSISTANCE: Bertha Wood Dunn, Adolph Dial, Clifton Oxendine, Andrew Ransom, Nancy Raper.

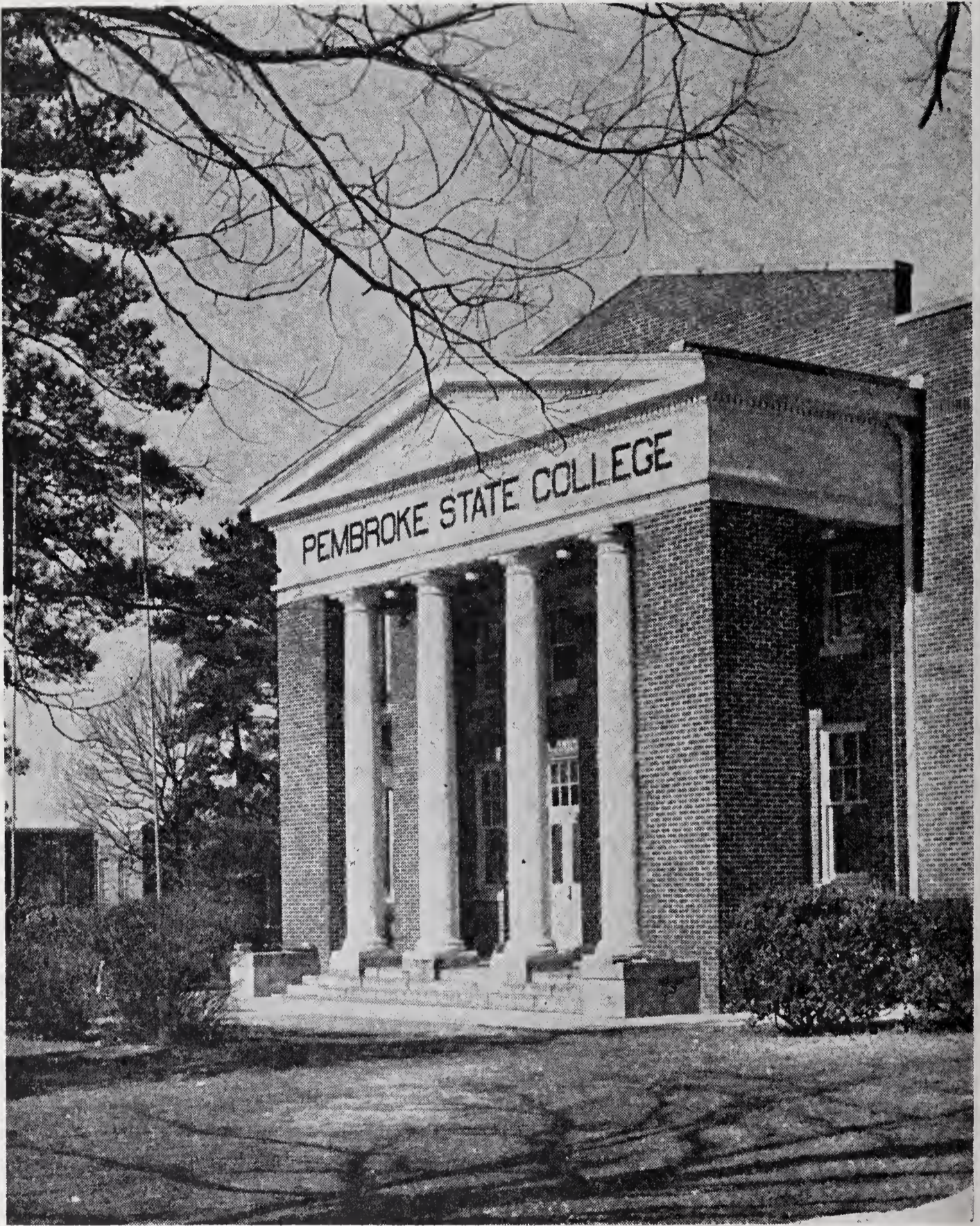
SOCIAL: Christine McCall, Betty Campbell, Adolph Dial, Clayton Hoff, Angelika Reckendorf.

TEXTBOOK COMMITTEE: James B. Ebert, Clayton Hoff, Edwin D. Hoffman, Andrew Ransom, Nancy Raper.

CLASS COUNSELORS: Freshman, English Jones; Sophomore, Donald B. Weber; Junior, Adolph Dial; Senior, Reba M. Lowry.

SPONSORS:

Baptist Student Union.....	James S. Farmer
Wesley Fellowship.....	Marjorie Kanable
Pontiac Society.....	Clayton H. Hoff, Nancy Raper
Emeritan Society.....	Reba Lowry, Bertha Wood Dunn
Seneca Society.....	George E. Brantl, Betty Campbell
Student Government Association.....	H. G. Oxendine
Dramatics.....	Reba M. Lowry
The Indianhead.....	Reba M. Lowry
College News.....	I. Ruth Martin
Music Activities.....	Melton Moore
College Book Store.....	James B. Ebert
Visual Education.....	Andrew Ransom
College Band.....	Ethelyn Livermore



PEMBROKE STATE COLLEGE

(Founded in 1887 by the Legislature of North Carolina)

GENERAL INFORMATION

HISTORICAL SKETCH

In 1887, under the influence of Honorable Hamilton McMillan, representative 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 trustees were given full power by the State Legislature to do all things necessary to inaugurate a Normal School.

With a subscription, an acre of land was purchased opposite New Hope Church, and a two-story building was erected. W. L. Moore, a Robeson County teacher, was elected the first principal and teacher. Work began in the fall of 1887 with an enrollment of fifteen students. In 1889 the Legislature raised the appropriation to \$1,000.00, and a like sum was granted for many years thereafter.

Among the early loyal supporters of the school, Reverend O. R. Simpson 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.

In 1909 a new site for the school was purchased at Pembroke, 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 a bill sponsored by Judge L. R. Varsar of Lumberton, the Legislature appropriated \$75,000.00 for the erection of a more modern building. The State granted the institution high school standard rating in 1924.

While the Legislature by act of 1887 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 his administration a new home economics building was erected.

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.

In the summer of 1940, Dr. Owens Hands Browne was selected from the teaching staff to serve as Acting President. He continued in this capacity until August, 1942, when Dr. Ralph D. Wellons was elected president.

The name of the institution has been changed several times since it was first established in 1887 and designated as "The Cherokee Normal School." The Legislature on March 8, 1911, changed the name to "The Normal School of Robeson County." The next session of the Legislature on March 11, 1913, changed the name to "Cherokee Indian Normal School of Robeson County." In the year 1940 the Legislature changed the name to "Pembroke State College for Indians," and in 1949 the Legislature changed the name to "Pembroke State College." This last name is now the legal name of the institution.

From the time of the founding of the institution until 1945, enrollment in the school was limited to the Indians of Robeson County. In 1945 the limits of admission were extended to include persons from Indian groups recognized by the Federal Government. The 1953 Legislative Assembly amended the statutes so as to give authority to the Board of Trustees to extend the limits of admission, to include "any other persons of the Indian or White races who may be approved by the Board of Trustees." Acting under this authority the Board of Trustees in May, 1953, took action approving the admission of White students.

The college has undergone considerable expansion during the years since it became a four year liberal arts college. Chief emphasis has been placed on the enrichment of the curriculum, increasing the size of the library, the construction of new buildings, the construction of roads and walks, and the beautification of the campus generally.

In June of 1956, Dr. Ralph D. Wellons retired; he was succeeded in the presidency by Dr. Walter J. Gale.

During the 1958-59 session, Pembroke State College registered 457 students for the regular session and the summer session totaled 211 persons. The rate of growth established Pembroke as the fastest growing college in the state, a fact substantiated by newspaper stories throughout North Carolina.

LOCATION

Pembroke State College is located on a campus of 35 acres, and part of the campus is within the limits of the town for which it is named.

Pembroke, a community of about 2,200 people, is at the center of a very thickly populated section of Robeson County, one of the richest agricultural counties of North Carolina. It is a junction point of the main north-south line of the Atlantic Coast Line Railway and the east-west line of the Seaboard Airline Railway.

THE PURPOSE OF THE COLLEGE

The purpose of Pembroke State College, which has undergone a tremendous change throughout the years, has even accelerated this 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 education. A diversity of course offerings makes it possible for a student to develop skills in a chosen field, and at the same time obtain a 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 highest potential development of the individual.

ACCREDITATION

The college was given full accreditation as a four year liberal arts college by the Southern Association of College and Secondary Schools in December 1951. It now holds membership in that Association and also in the Association of American Colleges and in the North Carolina College Conference.

Pembroke State College functions under the jurisdiction of the North Carolina State Board of Higher Education; however, the college is rather antonomous as it functions under the Board of Trustees appointed by the Governor.

BUILDING AND GROUNDS

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 fifteen buildings, surrounded by beautiful lawns. An avenue and grove of stately pines add much to the attractiveness of the grounds.

The "Old Main Building, 1922, contains the auditorium which seats seven hundred people, offices for several departments, a girl's lounge, the book store, and class rooms of the following departments: Business Education, Languages, English, Religion, and Social Sciences.

The Home Economics Residence, 1935 and 1950, provides an apartment for students enrolled in the House Residence Course, and in addition a guest room, and a small faculty apartment.

The Gymnasium, 1940, is a spacious building, modern in all details, meets all requirements for indoor sports and classes in physical education. A well equipped recreation room is also located here.

Sampson Hall, 1949, is a building of modern design, patterned after Monticello, Jefferson's Home in Charlottesville, Virginia. It contains the

offices of the President, the Dean, the Registrar, the Dean of Men, the Dean of Women, and the Library reading room and stacks. Here is located also the Pembroke Room, where there is recorded in various forms the unique story of Pembroke. This building was named in memory of Oscar R. Sampson who served many years as chairman of the Board of Trustees.

Locklear Hall, 1950, provides quarters for Agriculture, Biology, Chemistry, Education, Mathematics, and Physics. The class rooms and laboratories in this building are well equipped with facilities for effective instruction in the various departments. This building was named in honor of Anderson Locklear, a man known for his leadership in education in Robeson County.

The Arts Building, 1951, takes its name from the fact that it houses the departments of Art, Dramatics, Home Economics, and Music. A small auditorium, seating 300 persons, and designed for instructional purposes is conveniently located at the center of the building. Its stage is adequately fitted for music recitals, fashion shows, art exhibits, dramatic rehearsals, and lectures to small groups.

The President's House, 1952, is a modern type house with ample room, set in the center of a spacious lawn, adding beauty to the campus.

Residences, six in number, plus five apartments, are provided for the faculty and the superintendent of buildings and grounds. Student Facilities are provided through the Men's Dormitory, the Women's Dormitory, and additional new dormitories are under construction. A recreational room is available to the students as well as a lounge and health room for the day students.

A **Bookstore** in Old Main Building is maintained under student management for the convenience of the student body.

The Cafeteria, 1959, will provide expanded and improved food services for all college personnel for the first time in September, 1959. The building seats 250 and is planned for expansion; the kitchen is designed to serve 1400 persons per meal. This building is planned as the focal point of all campus social activities such as receptions, teas, dinner dances, etc.

THE LIBRARY

The new Library, located in a wing of Sampson Hall, was opened in November, 1949. An attractive, comfortable, well lighted reading room seats more than one hundred people. It contains a carefully chosen reference collection, a shelf of recent acquisitions of both fiction and non-fiction, and books in the field of education.

A Browsing Room, where readers may go for study or reading in a cozier and more private manner, shelves a majority of the current magazines.

The Reading Room and the open two-level stackroom, where the main collection is housed, are joined by the office of the Librarian.

The extensive collection consists of over 26,900 readable and authoritative books, on all subjects of curriculum as well as books of general interest. The collection, cataloged and classified according to the Dewey Decimal System, is constantly being expanded in the best library traditions.

STUDENT LIFE AND ORGANIZATIONS

The **Student Association** is composed of all Pembroke State College students, all of whom are expected to assume their responsibilities in connection with this student government organization.

The Student Association was organized in 1948. According to its Constitution, the purpose of the Association is to "form a more perfect community of students, afford opportunity for training in American Citizenship, and to secure progressively the blessings of liberty, learning, and integrity."

Wholesome Athletics for young men and women are encouraged. The college believes in training the body as well as the mind and soul.

The **Braves**, men's basketball team, plays a circuit of inter-collegiate contests each year. In addition, P. S. C. participates in inter-collegiate baseball and track each spring. The college holds membership in the National Association of Intercollegiate Athletics.

Also open to all students is a vigorous and extensive Intra-Mural Athletic program, and all students are encouraged to participate in it. Keen competition marks the contests in several sports.

Three Literary Societies, the Emeritan, the Pontiac, and the Seneca, are open to all students who desire a larger opportunity to participate in parliamentary practices, public speaking, and dramatics as well as social recreation.

The **College Band**, outfitted in uniforms of the school colors, black and gold, appears in parades and festivals in the surrounding areas in addition to providing concerts during the academic year. Membership is open to all capable students.

The **Mixed Chorus**, at times appearing as a robed choir, provides special music for all important occasions during the college calendar of activities. The climax of the Mixed Chorus activities is the Spring Concert.

The **Pembroke State College Players** provide for students who are interested in dramatics both the opportunity to appear in plays and practical experience in play production. The **Alpha Psi Omega**, national honorary dramatics fraternity, gives special recognition to members of the College Players who excel in its activities.

The **Social Club**, an organization of faculty, alumni, and students, meets in the college gymnasium each Thursday night.

The **Baptist Student Union** and the **Wesley Foundation** have active organizations on the college campus. These two groups include most of the students in their membership and volunteer activities. Separate meetings are held once each month.

In addition to projects and programs supported by the two on the campus, the organizations attend state and southwide conferences and encampments.

Religious Emphasis Week and Brotherhood Week are annual programs which give additional accent to the spiritual side of campus life. These offer enriching experiences through contacts and interviews with outstanding personalities as well as inspirational addresses.

The **Pine Needle**, college newspaper, is published regularly by a staff elected by the student body. All students are eligible to try for staff positions.

The **Indian Head**, the college yearbook, is prepared annually by the senior class and is a permanent record of college activities.

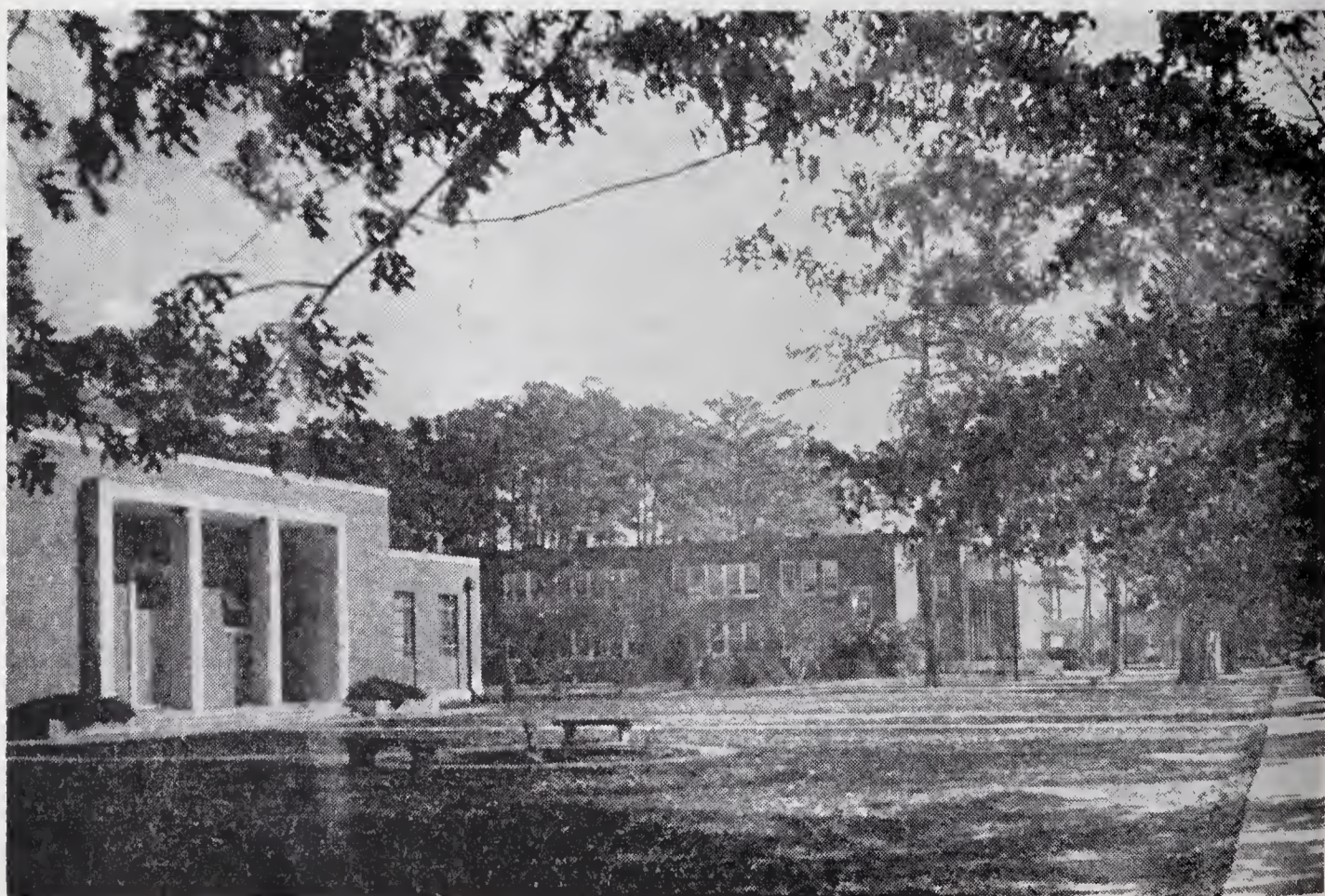
SCHOLARSHIPS AND AWARDS

Scholarships are awarded each year to a number of students who show high scholastic ability. Some are given to high school valedictorians upon application and recommendation from their high school principals. Several scholarships established by the college faculty are awarded annually to the freshmen who rank highest on the comprehensive examination given to all new students.

The **Alumni Loan Fund**, provided with gifts especially from the Alumni Association, is available for loans to worthy students enrolled in the college.

Some work stipends give employment to students in various capacities on the campus.

The **National Defense Student Loan Program**, authorized by the National Defense Act of 1958, provides extensive funds for particularly capable students, especially those intending to major in Science, Mathematics, Foreign Languages, and Elementary Education. Interested students should write directly to the President, including a high school transcript in their first letter.



Athletic Scholarships, numbering approximately twenty, are provided students who are capable athletes in baseball and/or basketball. Application should be made directly to the Director of Athletics, including a high school transcript and full information in your first letter.

Application for Student Aid should be addressed to the President of the college.

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 offered each summer. Each course offered will cover the equivalent of a full semester's work. College students attending summer sessions may make up deficiencies incurred, or may shorten their college course.

Students desiring to take courses in summer school should confer in advance with the Registrar.

VETERAN STUDENTS

Pembroke State College is on the list of higher institutions of learning approved by the Veterans Administration for the training of veterans.

In recent years Pembroke State College has enrolled veterans under Public Law 550, and Public Law 894.

Public Law 550 (Korean)

Veterans using the Korean G. I. Bill (Public Law 550) should apply to their local Veterans Administration regional office for a certificate of eligibility. If any veteran in the college community wishes to make application for a certificate of eligibility he should bring his service discharge or separation papers to Dean Herbert G. Oxendine who is Veteran Advisor. Form 7-1990 on which to make application is available at the college. Each eligible veteran shall be entitled to education or training for a period equal to one and a half times the duration of his Active Service in the Armed Forces, provided that in no case the entitlement exceeds thirty-six months. Veterans carrying a full load receive \$110 per month if the veteran has no dependents, \$135 per month if he has one dependent, or \$160 per month if he has more than one dependent. Under this law the veteran pays his own tuition and pays for supplies, etc.

Public Law 894 (Korean)

Any veteran who has a disability rating of 10 per cent or more may apply for benefits of Public Law 894. Eligibility for training under these laws must be decided in each individual case by the Veterans Administration and advisement will be given in each particular case.

No veteran who has been under Public Law 894 at one institution may interrupt that training and proceed to another institution without receiving approval from his training officer and/or approval of the Chief of Education and Training in his local Veteran Administration regional office. Veterans planning to transfer from other institutions should apply to their local Veterans Administration office for a supplemental certificate before interrupting their training.

INFORMATION FOR APPLICANTS

ADMISSION

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

1. The satisfactory completion of a four year course in an accredited secondary school, with sixteen units of credit, as follows:

English -----	4 units
Mathematics -----	1 unit
Science (including Biology) -----	2 units
Social Studies (including U. S. History) -----	2 units
Physical and Health Education -----	1 unit
Elective -----	6 units

2. Graduation from a four-year non-standard classified high school, and passing the college entrance examination, with sixteen units of credit as above.

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 purposes of this pre-entrance physical examination are: 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.

Applicants coming directly from high school for admission must have official transcripts of school work sent direct to the Registrar. In the case of applicants for admission by transfer from other colleges, 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 should be prepared to satisfy the legislative committee as to their racial eligibility.

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

ADVANCED STANDING

A student applying for advanced standing must present a certificate of honorable dismissal and a transcript of his record from the institution last attended.

In general, the scholastic records of such students must be equivalent to those required for the retention of Pembroke State College students. Students entering from other colleges with fewer quality points than semester hours of credit must make up the deficiency.

When the student comes from a college belonging to the Southern Association of Colleges and Secondary Schools, or an Association of related rank, then credit will be given for the courses acceptable toward a degree. Candidates from other colleges will be given provisional credits which must be validated by success in work undertaken in residence, or by examinations.

Transfer students are required to earn in residence at least nine semester hours of junior-senior courses in the departments in which they are majors.

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

REGISTRATION AND ATTENDANCE

Students must register on the days designated for registration. Registration for credit for any course is limited to the first full week of instruction of a term, unless late registration is approved by the instructor concerned and the Dean. 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. Classes missed through late registration count as absences.

Students who register after classwork begins must pay a special fee of \$5.00. A fee of \$2.00 is charged for each course added or dropped after registration has been completed.

STUDENT'S LOAD

The normal load is 16-17 semester hours, the maximum is 21 semester hours, and the minimum for a full-time student is 12 semester hours.

Students with a standing of 2.0 may be permitted to carry a load of up to 21 semester hours.

There are special counselors for each of the four classes, and the heads of departments advise the students 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 will 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 of the College.

A course which is discontinued after the time limit for changes, except upon the advice or approval of the Dean of the College and the instructor concerned, will be reported at the end of the semester as a failure.

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 Dean of the College.

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

A freshman must pass a minimum of seven semester hours, and earn a minimum of nine quality points, each semester in order to remain in College. After the freshman year, or first two semesters, a student must pass nine semester hours in any semester and twenty-one semester hours in any two consecutive semesters in order to remain in College. To restore eligibility to re-enter college a student must apply in writing to the Admissions Committee, and if approved make up the deficiency in the Summer Session of this College or some other accredited institution approved by the Dean. Under no condition will a student dismissed for academic deficiency, or a student who withdrew while deficient, be permitted to re-enter during the regular academic year without having first earned an average of 1.5 quality points or at least 9 semester hours of approved study at an approved institution.

CLASS ATTENDANCE

1. Regular class attendance is required of all students.
2. Each unexcused absence from class will deduct one quality point from the student's total points for the semester. The total number of quality points which a student may lose in any one semester can not exceed the number of quality points which he earns during the semester.
3. A student is automatically suspended from a course when the number of unexcused absences exceeds the number of semester hours credit of the course.
4. If the total number of absences, either excused or unexcused, exceeds twenty-five percent of the scheduled class meetings, under no conditions will credit be given for the course.
5. Instructors will keep an accurate record of student absences in their roll books according to dates, and will file these absences weekly with the Dean of Men and the Dean of Women.
6. Excuses for absences are granted under the following conditions:
 - a. Illness. (These excuses may be obtained from the Dean within one week after the student returns to College). Failure to do so automatically results in unexcused absences.
 - b. Official representation of the College. Such absences must be approved in advance.
 - c. Personal emergencies when certified by the Dean. (These excuses should be secured in advance).
7. The responsibility for work missed because of absence rests entirely with the student. Even work missed during an excused absence will receive a grade of "F" unless the student makes it up.
8. Assembly exercises are regarded as an essential part of the work of the institution. Attendance is required.

CLASSIFICATION

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

Seniors.....	90 semester hours and 90 quality points
Juniors.....	58 semester hours and 58 quality points
Sophomores	24 semester hours and 24 quality points
Freshmen.....	Less than 24 semester hours.

GRADING SYSTEM

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

A—Excellent	E—Condition
B—Good	F—Failure
C—Fair	WP—Withdrew passing
D—Barely passing	WF—Withdrew failing
I—Incomplete	

A grade of I represents an incomplete course due to illness or some other unavoidable circumstance and must be removed during the next semester the student is in attendance if credit is to be obtained.

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 semester at such a time as will satisfy the instructor or by passing the regular examination with the next class doing the work of the same semester, provided that in either case the condition be removed not later than one year from the time when it was received. If the condition is not removed within the time limit, the grade becomes an F.

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

A grade of WP means that the student has been permitted to drop a course while doing passing work.

A grade of WF indicates that the student has been permitted to drop a course while his work was below passing standard.

QUALITY RATING

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 semester hours presented for graduation. Quality points are given as follows:

For grade A three points per semester hour.

For grade B two points per semester hour.

For grade C one point per semester hour.

For grades D and E no points per semester hour.

EXAMINATIONS

The regular school session is divided into two semesters of approximately eighteen weeks each. Examinations are given at the end of each semester.

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

Special examinations for students who have been officially excused by the Dean from regular examinations on account of sickness or some other necessary cause, may be held at suitable times fixed by the Registrar and the instructors concerned.

HONORS

Students are graduated Summa Cum Laude who attain a minimum average of 2.90. Students are graduated Magna Cum Laude who attain a minimum average of 2.60. Students are graduated Cum Laude who attain a minimum average of 2.30. Averages are computed on the basis of those courses which have been taken for credit and which have been completed by the end of the first semester of the senior year. Any senior is eligible for honors who at the end of the first semester has completed at least 48 hours of work in residence at Pembroke State College and who has not received a grade of F.

The Dean's list issued at the close of each semester, contains the names of those students who, while carrying the normal load, have attained a minimum standing of 2.4, provided no mark is lower than C.

Gold medals are presented to students for outstanding work in a number of departments during the annual commencement program. Each year excellent work is recognized in the Art, Dramatics, Mathematics, Music, and Physical Education departments by such medals. The faculty selects one graduate to receive the coveted best all-around award.

DISCIPLINE

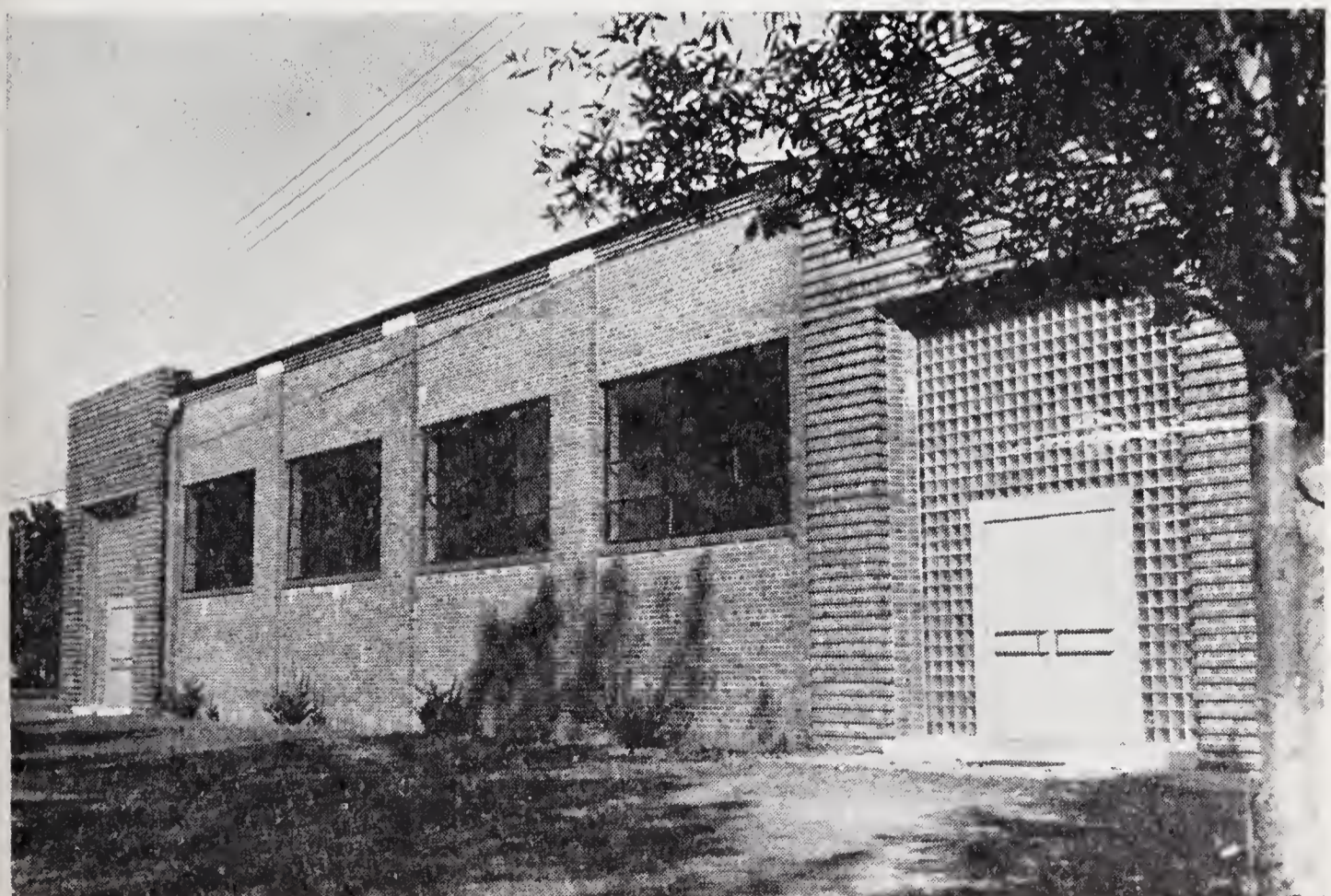
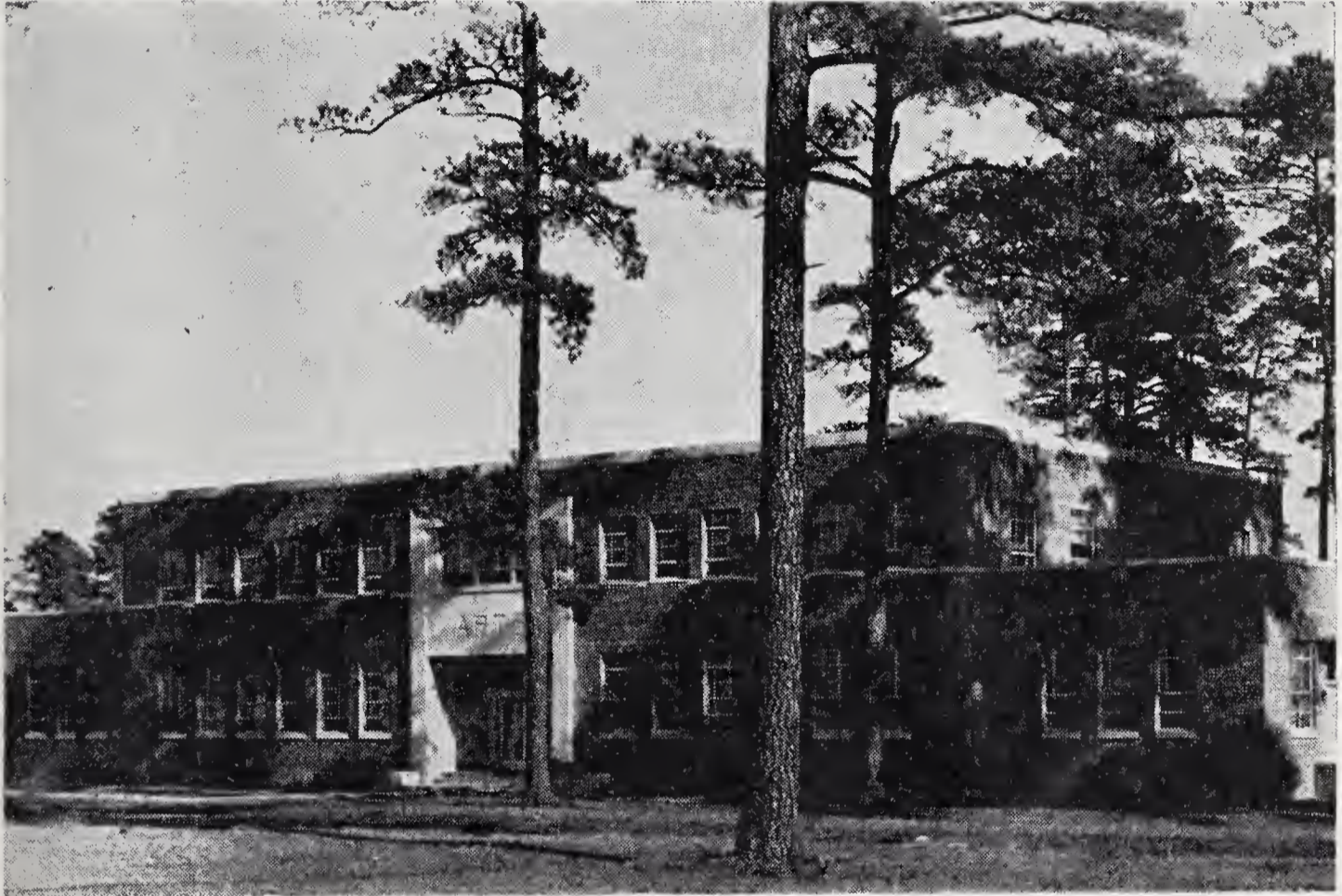
The Pembroke State College is an institution for the training of young men and women who expect to take their places as responsible trustworthy citizens of their country. It takes for granted that students will not be guilty of unmanly or unwomanly conduct.

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.

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 required to observe the rules applicable to those living in the dormitories with respect to social and study activities.



EXPENSES

It is the desire of the Board of Trustees of Pembroke State College 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, living habits, and in the spending of money, is encouraged. All fees are payable in advance. The total costs for a commuting student should not exceed \$175.00 per year; all costs for a resident should be less than \$550.00, including books, fees, tuition, etc.

SCHEDULE OF EXPENSES

Registration and Library Fee.....	\$ 10.50 Per Sem.
Tuition (Residents of North Carolina).....	40.00 Per Sem.
Tuition if less than 12 hrs.....	3.50 Per Sem. Hr.
Tuition (Non-residents of North Carolina).....	120.00 Per Sem.
Activity Fee (distributed as follows).....	15.00 Per Sem.
Athletic Fee	\$5.00
Art Series	3.00
Dramatics .....	.50
Newspaper .....	.50
Yearbook Fund	5.00
Medical Fee	1.00
Student Welfare--Activity Fund.....	2.50 Per Sem.
Health and Accident Insurance.....	7.00 Per Year
Laboratory Fees (for each laboratory course).....	3.00 Per Sem.
Breakage Deposit (Science Laboratories).....	2.00 Per Sem.
Music: Piano: Two one hour lessons per week.....	11.00 Per Sem.
Voice Class lessons:	
Two one hour lessons per week.....	4.00 Per Sem.
All other applied music courses:	
Two one hour lessons per week.....	4.00 Per Sem.
Room Rent in Dormitories (for each student).....	45.00 Per Sem.
Graduate Record Examination (Seniors).....	3.00
Matriculation Fee (Seniors only) Cap & Gown,	
Diploma, etc	6.50
Dormitory Deposit	5.00
Late Registration	5.00
Late change of course.....	2.00
Summer Session (six weeks): Tuition.....	7.50 Per Sem. Hr.
Registration	4.00
Room Rent	30.00

ROOM AND BOARD

Pembroke State College provides adequate dormitory housing for both men and women. Each room is arranged to accommodate two occupants. Students furnish their own linen. Application for rooms in the dormitories should be directed to the Dean of the College. A reservation fee of \$5.00 is payable as soon as an assignment is made. Upon occupation of the room by the student, this fee will be held as a breakage deposit. This deposit is refunded at the close of the college year, less charges for any breakage and damage to the dormitory or its furnishings. Damage to furniture or buildings will be repaired at the expense of students causing same.

All residents in the dormitories are required to take all their meals in the college dining hall where board is available at an average cost of \$10.00 per week.

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 Bachelor of Arts Degree will be conferred upon candidates who complete all institutional requirements with a major in any of the fields listed below:

English	Music
Foreign Languages	Social Science
History	

The Bachelor of Science Degree will be conferred upon candidates who complete all institutional requirements with a major in any of the fields listed below:

Art	Home Economics
Business Administration	Mathematics
Business Education	Physical Education
Elementary Education	Science

Early in his Sophomore year, each student 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 twenty-four semester hours in one field or department. A minor shall consist of a minimum of eighteen semester hours in a single department. At least half of the major 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.

Not more than 32 hours of credit earned through Extension and Correspondence Courses may be counted toward credit for a degree.

One year (32 Semester Hours) of work done in residence is required for the degree. Not fewer than 20 of the last 32 semester hours required for the degree shall be done at this college.

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

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

The minimum requirements for the degree of Bachelor of Arts or the degree of Bachelor of Science is the completion of 128 semester hours with 128 quality points. The hours required must include:

Art 324 -----	2 semester hours
Biology 101, 102, or Chemistry 211, 212, or Physics 311, 312 -----	8 semester hours**
Education 101 -----	no credit
English 131, 132 -----	6 semester hours
English 201, 202 -----	6 semester hours
English 401 -----	3 semester hours
History 101, 102; 201, 202 -----	12 semester hours
Mathematics 111, 113, or Mathematics 121, 122 -----	6 semester hours
Music 230 -----	2 semester hours
Physical Education 100 -----	no credit
Physical Education 101, 102; 201, 202 -----	4 semester hours
Psychology 201 -----	3 semester hours
Science 10, 20 -----	6 semester hours

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

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.

*Students pursuing the prescribed curriculum in Elementary Education are not required to present Minor subjects.

**A student may present fourteen selected hours of Agricultural Science in lieu of the basic science requirement.

**SUGGESTED CURRICULUM FOR
ART MAJORS PREPARING TO TEACH**

Freshman Year

Courses	Semester and Credit	
	F	S
EDUCATION 101, ORIENTATION TO COLLEGE LIFE	X	0
ENGLISH 131, 132, COMPOSITION	3	3
HISTORY 201, 202, AMERICAN HISTORY	3	3
MATHEMATICS 121, 122, FUNDAMENTALS OF MATHEMATICS	3	3
PHYSICAL EDUCATION 100, ORIENTATION TO HEALTH AND HYGIENE	0	X
PHYSICAL EDUCATION 101, 102, GENERAL PHYSICAL EDUCATION	1	1
SCIENCE 10, 20, SURVEY OF SCIENCE	3	3
Electives	3-4	3-4
Total	16-17	16-17

Sophomore Year

ART 131, 132, DRAWING AND PAINTING	3	3
ART 324, HISTORY AND APPRECIATION OF ART	2	0
ENGLISH 201, 202, WORLD LITERATURE	3	3
HISTORY 101, 102, WORLD HISTORY	3	3
MUSIC 230, HISTORY AND APPRECIATION OF MUSIC	0	2
PHYSICAL EDUCATION 201, 202, GENERAL PHYSICAL EDUCATION	1	1
PHYSICS 311, 312, or CHEMISTRY 211, 212, or BIOLOGY 101, 102, or AGRICULTURE* (14 semester hours)	4	4
Electives	0-1	0-1
Total	16-17	16-17

*Agriculture 151, 152, 251, 252

Junior Year

Art 201, 202, Design	3	3
Art 331, Advanced Drawing and Painting	0	3
Art 421, Ancient and Medieval Art	2	0
Art 422, Renaissance and Modern Art	0	2
Education 202, Introduction to and History of Education	0	3
English 311, Public Speaking	2	0
PSYCHOLOGY 201, GENERAL PSYCHOLOGY	3	0
Minor and Electives	6-7	5-6
Total	16-17	16-17

Senior Year

Art 301, Advanced Design	3	0
Art 313, Art Education in the Secondary School	0	3
Art 332, Advanced Drawing and Painting	3	0
Art 341, Ceramics	3	0
Education 431, Student Teaching in Secondary School	0	6
Education 450, Seminar in Education	0	1
ENGLISH 401, INTRODUCTION TO PHILOSOPHY	3	0

Psychology 302, Education Psychology_____	0	3
Psychology 304, Psychology of Adolescence_____	0	3
Minor and Electives_____	4-5	0
Total _____	16-17	16

**SUGGESTED CURRICULUM FOR
BUSINESS ADMINISTRATION MAJORS**

Freshman Year

Courses	Semester and Credit	
	F	S
EDUCATION 101, ORIENTATION TO COLLEGE LIFE	X	0
ENGLISH 131, 132, COMPOSITION_____	3	3
HISTORY 201, 202, AMERICAN HISTORY_____	3	3
MATHEMATICS 121, 122, FUNDAMENTALS OF MATHEMATICS_____	3	3
PHYSICAL EDUCATION 101, 102, GENERAL PHYSICAL EDUCATION_____	1	1
PHYSICAL EDUCATION 100, ORIENTATION TO HEALTH AND HYGIENE_____	0	X
PHYSICAL EDUCATION 100, SCIENCE 10, 20, SURVEY OF SCIENCE_____	3	3
Electives _____	3-4	3-4
Total _____	16-17	16-17

Sophomore Year

ART 324, HISTORY AND APPRECIATION OF ART__	2	0
ENGLISH 201, 202, WORLD LITERATURE_____	3	3
HISTORY 101, 102, WORLD HISTORY_____	3	3
MUSIC 230, HISTORY AND APPRECIATION OF MUSIC_____	0	2
PHYSICAL EDUCATION 201, 202, GENERAL PHYSICAL EDUCATION_____	1	1
PHYSICS 311, 312, or CHEMISTRY 211, 212, or BIOLOGY 101, 102, or AGRICULTURE* (14 semester hours)_____	4	4
Electives _____	3-4	3-4
Total _____	16-17	16-17

*Agriculture 151, 152, 251, 252

Junior Year

Business 104, Business Mathematics_____	2	0
Business 110, Introduction to Business_____	2	0
Business 115, Introduction to Retailing_____	0	2
Business 224, 225, Principles of Accounting_____	3	3
Business 301, Business English_____	2	0
Business 302, Business Correspondence_____	0	2
Economics 401, Principles of Economics_____	3	0
Geography 305, Economic Geography_____	0	3
PSYCHOLOGY 201, GENERAL PSYCHOLOGY_____	3	0
Minor and Electives_____	1-2	6-7
Total _____	16-17	16-17

Senior Year

Business 324, Intermediate Accounting_____	3	0
Business 402, Business Law I_____	2	0
Business 404, Business Law II_____	0	3
Business 410, Business Statistics_____	3	0
Business 424, Cost Accounting_____	0	3
Economics 402, Problems in Economics_____	0	3
Economics 403, Money and Banking_____	0	3
ENGLISH 401, INTRODUCTION TO PHILOSOPHY__	3	0
Minor and Electives_____	5-6	4-5
Total_____	16-17	16-17

**SUGGESTED CURRICULUM FOR
BUSINESS EDUCATION MAJORS PREPARING TO TEACH**

Freshman Year

Courses	Semester and Credit	
	F	S
EDUCATION 101, ORIENTATION TO COLLEGE LIFE	X	0
ENGLISH 131, 132, COMPOSITION_____	3	3
HISTORY 201, 202, AMERICAN HISTORY_____	3	3
MATHEMATICS 121, 122, FUNDAMENTALS OF MATHEMATICS_____	3	3
PHYSICAL EDUCATION 101, 102, GENERAL PHYSICAL EDUCATION_____	1	1
PHYSICAL EDUCATION 100, ORIENTATION TO HEALTH AND HYGIENE___	0	X
SCIENCE 10, 20, SURVEY OF SCIENCE_____	3	3
Electives _____	3-4	3-4
Total_____	16-17	16-17

Sophomore Year

ART 234, HISTORY AND APPRECIATION OR ART__	2	0
Business 101, 102, Beginning Typewriting_____	2	2
Business 104, Business Mathematics_____	0	2
Business 110, Introduction to Business_____	2	0
ENGLISH 201, 202, WORLD LITERATURE_____	3	3
HISTORY 101, 102, WORLD HISTORY_____	3	3
MUSIC 230, HISTORY AND APPRECIATION OF MUSIC_____	0	2
PHYSICAL EDUCATION 201, 202, GENERAL PHYSICAL EDUCATION_____	1	1
PHYSICS 311, 312, or BIOLOGY 101, 102, or CHEMISTRY 211, 212, or AGRICULTURE* (14 semester hours)_____	4	4
Total_____	16-17	16-17

*Agriculture 151, 152, 251, 252

Junior Year

Business 111, 112, Beginning Shorthand_____	3	3
Business 115, Introduction to Retailing_____	0	2
Business 201, Advanced Typewriting_____	2	0
Business 224, 225, Principles of Accounting_____	3	3

Business 301, Business English	2	0
Business 302, Business Correspondence	0	2
Economics 401, Principles of Economics	3	0
Economics 402, Problems in Economics	0	3
Education 202, Introduction to and History of Education	0	3
PSYCHOLOGY 201, GENERAL PSYCHOLOGY	3	0
Electives	0-1	0-1
Total	16-17	16-17

Senior Year

Business 211, Advanced Shorthand	3	0
Business 324, Intermediate Accounting	3	0
Business 402, Business Law I	2	0
Business 403, Office Management	2	0
Business 452, Secretarial Practice	2	0
Economics 404, Personal Finance	2	0
Education 358, Teaching Business Education	0	3
Education 431, Student Teaching	0	6
Education 450, Seminar in Education	0	1
ENGLISH 401, INTRODUCTION TO PHILOSOPHY	3	0
Psychology 302, Educational Psychology	0	3
Psychology 304, Psychology of Adolescence	0	3
Electives	0	0
Total	17	16

SUGGESTED CURRICULUM FOR ELEMENTARY EDUCATION MAJORS

Freshman Year

Courses	Semester and Credit	
	F	S
EDUCATION 101, ORIENTATION TO COLLEGE LIFE	X	0
ENGLISH 131, 132, COMPOSITION	3	3
HISTORY 201, 202, AMERICAN HISTORY	3	3
MATHEMATICS 121, 122, FUNDAMENTALS OF MATHEMATICS	3	3
PHYSICAL EDUCATION 100, ORIENTATION TO HEALTH AND HYGIENE	0	X
PHYSICAL EDUCATION 101, 102, GENERAL PHYSICAL EDUCATION	1	1
SCIENCE 10, 20, SURVEY OF SCIENCE	3	3
Electives	3-4	3-4
Total	16-17	16-17

Sophomore Year

ART 324, HISTORY AND APPRECIATION OF ART	2	0
ENGLISH 201, 202, WORLD LITERATURE	3	3
Geography 301, Principles of World Geography	3	0
Geography 304, Cultural Regions of the World	0	3
HISTORY 101, 102, WORLD HISTORY	3	3
MUSIC 230, HISTORY AND APPRECIATION OF MUSIC	0	2
PHYSICAL EDUCATION 201, 202, GENERAL PHYSICAL EDUCATION	1	1

PHYSICS 311, 312, or CHEMISTRY 211, 212, or BIOLOGY 101, 102, or AGRICULTURE* (14 semester hours)-----	4	4
Electives -----	0-1	0-1
	<hr/>	<hr/>
Total-----	16-17	16-17

*Agriculture 151, 152, 251, 252

Junior Year

Art 309, 310, Art in the Elementary School-----	3	3
Education 202, Introduction to and History of Education-----	0	3
Education 342, Principles of Guidance-----	3	0
English 311, Public Speaking-----	2	0
English 373, Advanced Composition-----	3	0
Music 310, Basic Music for the Elementary School----	0	3
Physical Education 315, Physical Education for the Elementary School--	0	3
Physical Education 308, Health Education for the Elementary School----	3	0
Political Science 301, Principles of American Government-----	0	3
PSYCHOLOGY 201, GENERAL PSYCHOLOGY-----	3	0
Electives -----	0	1-2
	<hr/>	<hr/>
Total-----	17	16-17

Senior Year

Education 321, Reading in the Elementary School----	3	0
Education 324, Methods (Mathematics and Science)---	3	0
Education 325, Methods (Language and Social Science)-----	0	3
Education 421, Student Teaching-----	0	6
Education 450, Seminar in Education-----	0	1
English 383, Children's Literature-----	3	0
ENGLISH 401, INTRODUCTION TO PHILOSOPHY---	3	0
Music 401, Public School Music-----	3	0
Psychology 302, Educational Psychology-----	0	3
Psychology 303, Psychology of Childhood-----	0	3
Electives -----	1-2	0
	<hr/>	<hr/>
Total-----	16-17	16

**SUGGESTED CURRICULUM FOR
ENGLISH MAJORS PREPARING TO TEACH**

Freshman Year

Courses	Semester and Credit	
	F	S
EDUCATION 101, ORIENTATION TO COLLEGE LIFE	X	0
ENGLISH 131, 132, COMPOSITION-----	3	3
HISTORY 201, 202, AMERICAN HISTORY-----	3	3
MATHEMATICS 121, 122, FUNDAMENTALS OF MATHEMATICS-----	3	3
PHYSICAL EDUCATION 100, ORIENTATION TO HEALTH AND HYGIENE---	0	X

PHYSICAL EDUCATION 101, 102, GENERAL PHYSICAL EDUCATION_____	1	1
SCIENCE 10, 20, SURVEY OF SCIENCE_____	3	3
Electives _____	3-4	3-4
Total_____	16-17	16-17

Sophomore Year

ART 324, HISTORY AND APPRECIATION OF ART__	2	0
ENGLISH 201, 202, WORLD LITERATURE_____	3	3
HISTORY 101, 102, WORLD HISTORY_____	3	3
MUSIC 230, HISTORY AND APPRECIATION OF MUSIC_____	0	2
PHYSICAL EDUCATION 201, 202, GENERAL PHYSICAL EDUCATION_____	1	1
PHYSICS 311, 312, or CHEMISTRY 211, 212, or BIOLOGY 101, 102, or AGRICULTURE* (14 semester hours)_____	4	4
Electives _____	3-4	3-4
Total_____	16-17	16-17

*Agriculture 151, 152, 251, 252

Junior Year

Education 202, Introduction to and History of Education_____	0	3
English 311, Public Speaking_____	2	0
English 329, 330, English Literature_____	3	3
English 331, American Literature_____	0	3
English 351, Shakespeare_____	3	0
English 373, Advanced Composition_____	3	0
English 375, Creative Writing_____	0	2
PSYCHOLOGY 201, GENERAL PSYCHOLOGY_____	3	0
Minor and Electives_____	2-3	5-6
Total_____	16-17	16-17

Senior Year

Education 356, Teaching English_____	0	3
Education 431, Student Teaching in Secondary School	0	6
Education 450, Seminar in Education_____	0	1
ENGLISH 401, INTRODUCTION TO PHILOSOPHY__	3	0
English 402, Contemporary Literature_____	3	0
Psychology 302, Educational Psychology_____	0	3
Psychology 304, Psychology of Adolescence_____	0	3
Minor and Electives_____	10-11	0
Total_____	16-17	16

SUGGESTED CURRICULUM FOR HISTORY MAJORS PREPARING TO TEACH

Freshman Year

Courses	Semester and Credit	
	F	S
EDUCATION 101, ORIENTATION TO COLLEGE LIFE	X	0
ENGLISH 131, 132, COMPOSITION_____	3	3

HISTORY 201, 202, AMERICAN HISTORY	3	3
MATHEMATICS 121, 122, FUNDAMENTALS OF MATHEMATICS	3	3
PHYSICAL EDUCATION 101, 102, GENERAL PHYSICAL EDUCATION	1	1
PHYSICAL EDUCATION 100, ORIENTATION TO HEALTH AND HYGIENE	0	X
SCIENCE 10, 20, SURVEY OF SCIENCE	3	3
Electives	3-4	3-4
Total	16-17	16-17

Sophomore Year

ART 324, HISTORY AND APPRECIATION OF ART	2	0
ENGLISH 201, 202, WORLD LITERATURE	3	3
HISTORY 101, 102, WORLD HISTORY	3	3
MUSIC 230, HISTORY AND APPRECIATION OF MUSIC	0	2
PHYSICAL EDUCATION 201, 202, GENERAL PHYSICAL EDUCATION	1	1
PHYSICS 311, 312, or CHEMISTRY 211, 212, or BIOLOGY 101, 102, or AGRICULTURE* (14 semester hours)	4	4
Electives (may include "Principles" courses in Geog- raphy, Economics, Political Science, and Sociology)	3-4	3-4
Total	16-17	16-17

*Agriculture 151, 152, 251, 252

Junior Year

Education 202, Introduction to and History of Education	0	3
PSYCHOLOGY 201, GENERAL PSYCHOLOGY	3	0
Major (Courses in History, Political Science and Geography)	9	6
Minor	3	6
Electives	1-2	1-2
Total	16-17	16-17

Senior Year

Education 352, Teaching Social Studies	0	3
Education 431, Student Teaching	0	6
Education 450, Seminar in Education	0	1
ENGLISH 401, INTRODUCTION TO PHILOSOPHY	3	0
Psychology 302, Educational Psychology	0	3
Psychology 304, Psychology of Adolescence	0	3
Major	9	0
Minor	3	0
Electives	1-2	0
Total	16-17	16

**SUGGESTED CURRICULUM FOR
HOME ECONOMICS MAJORS PREPARING TO TEACH**

Freshman Year

Courses	Semester and Credit	
	F	S
EDUCATION 101, ORIENTATION TO COLLEGE LIFE	X	0
ENGLISH 131, 132, COMPOSITION	3	3
HISTORY 201, 202, AMERICAN HISTORY	3	3
MATHEMATICS 121, 122, FUNDAMENTALS OF MATHEMATICS	3	3
PHYSICAL EDUCATION 101, 102, GENERAL PHYSICAL EDUCATION	1	1
PHYSICAL EDUCATION 100, ORIENTATION TO HEALTH AND HYGIENE	0	X
SCIENCE 10, 20, SURVEY OF SCIENCE	3	3
Electives	3-4	3-4
Total	16-17	16-17

Sophomore Year

ART 324, HISTORY AND APPRECIATION OF ART	2	0
CHEMISTRY 211, 212, or BIOLOGY 101, 102	4	4
ENGLISH 201, 202, WORLD LITERATURE	3	3
HISTORY 101, 102, WORLD HISTORY	3	3
Home Economics 101, Clothing	0	3
Home Economics 201, Foods	3	0
MUSIC 230, HISTORY AND APPRECIATION OF MUSIC	0	2
PHYSICAL EDUCATION 201, 202, GENERAL PHYSICAL EDUCATION	1	1
Electives	0	0-1
Total	17	16-17

Junior Year

Education 202, Introduction to and History of Education	0	3
Chemistry 211, 212, General Chemistry or Biology 101, 102, General Biology	4	4
English 311, Public Speaking	2	0
Home Economics 102, Clothing	3	0
Home Economics 202, Foods	0	3
Home Economics 302, Home Nursing	2	0
Home Economics 303, Child Care	0	2
Home Economics 422, Home Furnishings	0	2
Physics 314, Household Physics	2	0
PSYCHOLOGY 201, GENERAL PSYCHOLOGY	3	0
Sociology 401, The Family	0	3
Electives	0-1	0
Total	16-17	17

Senior Year

Art 201, Design	3	0
Education 357, Teaching Home Economics	0	3
Education 431, Student Teaching	0	6
Education 450, Seminar in Education	0	1
ENGLISH 401, INTRODUCTION TO PHILOSOPHY	3	0

Home Economics 301, Nutrition	2	0
Home Economics 312, Advanced Clothing	3	0
Home Economics 402, Home Management	2	0
Home Economics 403, House Residence	2	0
Psychology 302, Education Psychology	0	3
Psychology 304, Psychology of Adolescence	0	3
Electives	2	0
Total	17	16

SUGGESTED CURRICULUM FOR MATHEMATICS MAJORS PREPARING TO TEACH

Freshman Year

Courses	Semester and Credit	
	F	S
EDUCATION 101, ORIENTATION TO COLLEGE LIFE	X	0
ENGLISH 131, 132, COMPOSITION	3	3
HISTORY 201, 202, AMERICAN HISTORY	3	3
Mathematics 111, College Algebra	3	0
Mathematics 113, Plane Trigonometry	0	3
PHYSICAL EDUCATION 100, ORIENTATION TO HEALTH AND HYGIENE	0	X
PHYSICAL EDUCATION 101, 102, GENERAL PHYSICAL EDUCATION	1	1
SCIENCE 10, 20, SURVEY OF SCIENCE	3	3
Electives	3-4	3-4
Total	16-17	16-17

Sophomore Year

ART 324, HISTORY AND APPRECIATION OF ART	2	0
ENGLISH 201, 202, WORLD LITERATURE	3	3
HISTORY 101, 102, WORLD HISTORY	3	3
Mathematics 211, Solid Geometry	3	0
Mathematics 212, Plane Analytic Geometry	0	4
MUSIC 230, HISTORY AND APPRECIATION OF MUSIC	0	2
PHYSICAL EDUCATION 201, 202, GENERAL PHYSICAL EDUCATION	1	1
PHYSICS 311, 312, or CHEMISTRY 211, 212 or BIOLOGY 101, 102, or AGRICULTURE* (14 semester hours)	4	4
Electives	0-1	0
Total	16-17	16-17

Junior Year

Education 202, Introduction to and History of Education	0	3
English 311, Public Speaking	2	0
Mathematics 311, Differential Calculus	5	0
Mathematics 313, Integral Calculus	0	3
Mathematics 411, College Geometry	0	3
PSYCHOLOGY 201, GENERAL PSYCHOLOGY	3	0
Minor and Electives	6-7	7-8
Total	16-17	16-17

Senior Year

Education 353, Teaching Mathematics	0	3
Education 431, Student Teaching in Secondary School	0	6
Education 450, Seminar in Education	0	1
ENGLISH 401, INTRODUCTION TO PHILOSOPHY	3	0
Mathematics 412, Theory of Equations	3	0
Psychology 302, Educational Psychology	0	3
Psychology 304, Psychology of Adolescence	0	3
Minor and Electives	10-11	0
Total	16-17	16

**SUGGESTED CURRICULUM FOR
MUSIC EDUCATION (GENERAL) MAJORS PREPARING TO TEACH**

Freshman Year

Courses	Semester and Credit	
	F	S
EDUCATION 101, ORIENTATION TO COLLEGE LIFE	X	0
ENGLISH 131, 132, COMPOSITION	3	3
HISTORY 201, 202, AMERICAN HISTORY	3	3
MATHEMATICS 121, 122, FUNDAMENTALS OF MATHEMATICS	3	3
Music 100, 101, or 141, 142, Chorus or Band	1	1
Music 181, 182, Piano	1	1
Music 191, 192, Voice Class	1	1
PHYSICAL EDUCATION 100, ORIENTATION TO HEALTH AND HYGIENE	0	X
PHYSICAL EDUCATION 101, 102, GENERAL PHYSICAL EDUCATION	1	1
SCIENCE 10, 20, SURVEY OF SCIENCE	3	3
Electives	1	1
Total	17	17

Sophomore Year

ART 324, HISTORY AND APPRECIATION OF ART	2	0
ENGLISH 201, 202, WORLD LITERATURE	3	3
HISTORY 101, 102, WORLD HISTORY	3	3
Music 111, 112, Ear Training and Sight Singing	3	3
Music 200, 201, Chorus or 241, 242, Band	1	1
MUSIC 230, HISTORY AND APPRECIATION OF MUSIC	0	2
Music 281, 282, Piano	1	1
Music 291, 292, Voice Class	1	1
PHYSICAL EDUCATION 201, 202, GENERAL PHYSICAL EDUCATION	1	1
Electives	2	2
Total	17	17

Junior Year

Education 202, Introduction to and History of Education	0	3
Music 211, 212, Ear Training and Sight Singing (Advanced)	3	3
Music 221, 222, Elementary Harmony	2	2
Music 301, History of Music	3	0

Music 330, Appreciation of Music	0	3
Music 381, 382, Piano	1	1
PHYSICS 311, 312, or CHEMISTRY 211, 212, or BIOLOGY 101, 102	4	4
PSYCHOLOGY 201, GENERAL PSYCHOLOGY	3	0
Applied Music: Chorus, Band, or Instrument	1	1
Total	17	17

Senior Year

Education 354, Teaching Music	0	3
Education 431, Student Teaching	0	6
Education 450, Seminar in Education	0	1
ENGLISH 401, INTRODUCTION TO PHILOSOPHY	3	0
Music 320, Conducting	2	0
Music 321, Keyboard Harmony	3	0
Music 401, Public School Music	3	0
Music 481, Piano	1	0
Psychology 302, Educational Psychology	0	3
Psychology 304, Psychology of Adolescence	0	3
Applied Music: Chorus, Band, or Instrument	2-3	0
Electives	3-2	0
Total	17	16

SUGGESTED CURRICULUM FOR MUSIC

EDUCATION (INSTRUMENTAL) MAJORS PREPARING TO TEACH

Freshman Year

Courses	Semester and Credit	
	F	S
EDUCATION 101, ORIENTATION TO COLLEGE LIFE	X	0
ENGLISH 131, 132, COMPOSITION	3	3
HISTORY 201, 202, AMERICAN HISTORY	3	3
MATHEMATICS 121, 122, FUNDAMENTALS OF MATHEMATICS	3	3
Music 100, 101, Chorus, or Applied Electives	1	1
Music 141, 142, Band	1	1
Music 171, 172, Major Instrument	1	1
Music 181, 182, Piano	1	1
PHYSICAL EDUCATION 100, ORIENTATION TO HEALTH AND HYGIENE	0	X
PHYSICAL EDUCATION 101, 102, GENERAL PHYSICAL EDUCATION	1	1
SCIENCE 10, 20, SURVEY OF SCIENCE	3	3
Total	17	17

Sophomore Year

ART 324, HISTORY AND APPRECIATION OF ART	2	0
ENGLISH 201, 202, WORLD LITERATURE	3	3
HISTORY 101, 102, WORLD HISTORY	3	3
Music 111, 112, Ear Training and Sight Singing	3	3
Music 171, 172, Minor Instrument	1	1
Music 200, 201, Chorus or Applied Electives	1	1
MUSIC 230, HISTORY AND APPRECIATION OF MUSIC	0	2
Music 241, 242, Band	1	1

Music 271, 272, Major Instrument	1	1
Music 281, 282, Piano	1	1
PHYSICAL EDUCATION 201, 202, GENERAL PHYSICAL EDUCATION	1	1
Total	17	17

Junior Year

Education 202, Introduction to and History of Education	0	3
Music 221, 222, Elementary Harmony	2	2
Music 271, 272, Minor Instrument	1	1
Music 300, 301, Chorus or Applied Electives	1	1
Music 301, History of Music	3	0
Music 330, Appreciation of Music	0	3
Music 341, 342, Band	1	1
Music 371, 372, Major Instrument	1	1
Music 381, 382, Piano	1	1
PHYSICS 311, 312, or CHEMISTRY 211, 212, or BIOLOGY 101, 102	4	4
PSYCHOLOGY 201, GENERAL PSYCHOLOGY	3	0
Total	17	17

Senior Year

Education 354, Teaching Music	0	3
Education 431, Student Teaching	0	6
Education 450, Seminar in Education	0	1
ENGLISH 401, INTRODUCTION TO PHILOSOPHY	3	0
Music 320, Conducting	2	0
Music 321, Keyboard Harmony	3	0
Music 323, Instrumental Arranging	2	0
Music 371, Minor Instrument	1	0
Music 400, Chorus or Applied Elective	1	0
Music 441, Band	1	0
Music 471, Major Instrument	1	0
Psychology 302, Educational Psychology	0	3
Psychology 304, Psychology of Adolescence	0	3
Electives	2-3	0
Total	16-17	16

SUGGESTED CURRICULUM FOR PHYSICAL EDUCATION MAJORS PREPARING TO TEACH

Freshman Year

Courses	Semester and Credit	
	F	S
EDUCATION 101, ORIENTATION TO COLLEGE LIFE	X	0
ENGLISH 131, 132, COMPOSITION	3	3
HISTORY 201, 202, AMERICAN HISTORY	3	3
MATHEMATICS 121, 122, FUNDAMENTALS OF MATHEMATICS	3	3
PHYSICAL EDUCATION 100, ORIENTATION TO HEALTH AND HYGIENE	0	X
PHYSICAL EDUCATION 101, 102, GENERAL PHYSICAL EDUCATION	1	1
SCIENCE 10, 20, SURVEY OF SCIENCE	3	3
Electives	3-4	3-4
Total	16-17	16-17

Sophomore Year

ART 324, HISTORY AND APPRECIATION OF ART	2	0
BIOLOGY 101, 102, GENERAL BIOLOGY	4	4
ENGLISH 201, 202, WORLD LITERATURE	3	3
HISTORY 101, 102, WORLD HISTORY	3	3
MUSIC 230, HISTORY AND APPRECIATION OF MUSIC	0	2
PHYSICAL EDUCATION 201, 202, GENERAL PHYSICAL EDUCATION	1	1
Physical Education 204, Individual Sports	1	0
Physical Education 205, Team Sports	1	0
Physical Education 303, Beginning Tennis	0	1
Physical Education 307, Principles of Physical Education	0	3
Electives	1-2	0
	<hr/>	<hr/>
Total	16-17	16-17

Junior Year

Biology 211, 212, Human Anatomy and Physiology	3	3
Education 202, Introduction to and History of Education	0	3
English 311, Public Speaking	2	0
Physical Education 304, Corrective Physical Education	0	3
Physical Education 305, Folk Rhythms	0	1
Physical Education 312, Principles of Health Education	3	0
Physical Education 314, First Aid and Safety	0	2
Physical Education 317, Athletic Officiating	2	0
Physical Education 321, Curriculum in Physical Education	3	0
Physical Education 403, Coaching Basketball	0	2
Physical Education 404, Coaching Track and Field	0	2
PSYCHOLOGY 201, GENERAL PSYCHOLOGY	3	0
Electives	0-1	1
	<hr/>	<hr/>
Total	16-17	17

Senior Year

Education 359, Teaching Physical Education	0	3
Education 431, Student Teaching	0	6
Education 450, Seminar in Education	0	1
ENGLISH 401, INTRODUCTION TO PHILOSOPHY	3	0
Physical Education 310, Kinesiology	3	0
Physical Education 402, Coaching Basketball	2	0
Physical Education 410, Organization and Administration of Physical Education	3	0
Physical Education 411, Problems in Health Education	2	0
Psychology 302, Educational Psychology	0	3
Psychology 304, Psychology of Adolescence	0	3
Electives	4	0
	<hr/>	<hr/>
Total	17	16

**SUGGESTED CURRICULUM FOR
SOCIAL SCIENCE MAJORS PREPARING TO TEACH**

Courses	Freshman Year	
	Semester	and Credit
	F	S
EDUCATION 101, ORIENTATION TO COLLEGE LIFE	X	0
ENGLISH 131, 132, COMPOSITION	3	3
HISTORY 201, 202, AMERICAN HISTORY	3	3
MATHEMATICS 121, 122, FUNDAMENTALS OF MATHEMATICS	3	3
PHYSICAL EDUCATION 101, 102, GENERAL PHYSICAL EDUCATION	1	1
PHYSICAL EDUCATION 100, ORIENTATION TO HEALTH AND HYGIENE	0	X
SCIENCE 10, 20, SURVEY OF SCIENCE	3	3
Electives	3-4	3-4
Total	16-17	16-17

Sophomore Year		
ART 324, HISTORY AND APPRECIATION OF ART	2	0
ENGLISH 201, 202, WORLD LITERATURE	3	3
HISTORY 101, 102, WORLD HISTORY	3	3
MUSIC 230, HISTORY AND APPRECIATION OF MUSIC	0	2
PHYSICAL EDUCATION 201, 202, GENERAL PHYSICAL EDUCATION	1	1
PHYSICS 311, 312, or CHEMISTRY 211, 212, or BIOLOGY 101, 102, or AGRICULTURE* (14 semester hours)	4	4
Electives (may include "Principles" courses in Geogra- phy, Economics, Political Science, and Sociology)	3-4	3-4
Total	16-17	16-17

*Agriculture 151, 152, 251, 252

Junior Year		
Education 202, Introduction to and History of Education	0	3
Economics 401, Principles of Economics	0	3
English 331, Public Speaking	2	0
Geography 301, Principles of Geography	3	0
Geography 304, Cultural Regions or Geography 305, Economic Geography	0	3
Political Science 301, Principles of Political Science	0	3
PSYCHOLOGY 201, GENERAL PSYCHOLOGY	3	0
Sociology 301, Principles of Sociology	3	0
Minor	6	3
Electives	0	1-2
Total	17	16-17

Senior Year		
Education 352, Teaching Social Studies	0	3
Education 431, Student Teaching	0	6
Education 450, Seminar in Education	0	1
ENGLISH 401, INTRODUCTION TO PHILOSOPHY	3	0
Psychology 302, Educational Psychology	0	3
Psychology 304, Psychology of Adolescence	0	3

Major -----	9	0
Minor -----	3	0
Electives -----	1-2	0
Total -----	16-17	16

**SUGGESTED CURRICULUM FOR
SCIENCE MAJORS PREPARING TO TEACH**

Freshman Year

Courses	Semester and Credit	
	F	S
EDUCATION 101, ORIENTATION TO COLLEGE LIFE	X	0
ENGLISH 131, 132, COMPOSITION -----	3	3
HISTORY 201, 202, AMERICAN HISTORY -----	3	3
MATHEMATICS 121, 122, FUNDAMENTALS OF MATHEMATICS -----	3	3
PHYSICAL EDUCATION 100, ORIENTATION TO HEALTH AND HYGIENE ---	0	X
PHYSICAL EDUCATION 101, 102, GENERAL PHYSICAL EDUCATION -----	1	1
SCIENCE 10, 20, SURVEY OF SCIENCE -----	3	3
Electives -----	3-4	3-4
Total -----	16-17	16-17

Sophomore Year

ART 324, HISTORY AND APPRECIATION OF ART --	2	0
BIOLOGY 101, 102, GENERAL -----	4	4
Chemistry 211, 212, General -----	4	4
ENGLISH 201, 202, WORLD LITERATURE -----	3	3
HISTORY 101, 102, WORLD HISTORY -----	3	3
MUSIC 230, HISTORY AND APPRECIATION OF MUSIC ---	0	2
PHYSICAL EDUCATION 201, 202, GENERAL PHYSICAL EDUCATION -----	1	1
Total -----	17	17

Junior Year

Education 202, Introduction to and History of Education -----	0	3
English 311, Public Speaking -----	2	0
Geography 301, Principles of Geography -----	3	0
Physics 311, 312, General -----	4	4
PSYCHOLOGY 201, GENERAL PSYCHOLOGY -----	3	0
Major and Minor -----	4-5	9-10
Total -----	16-17	16-17

Senior Year

Education 355, Teaching Science -----	0	3
Education 431, Student Teaching in Secondary School	0	6
Education 450, Seminar in Education -----	0	1
ENGLISH 401, INTRODUCTION TO PHILOSOPHY --	3	0
Psychology 302, Educational Psychology -----	0	3
Psychology 304, Psychology of Adolescence -----	0	3
Major and Minor -----	13-14	0
Total -----	16-17	16

**SUGGESTED CURRICULUM FOR
PROFESSIONAL SCIENCE MAJORS**

Freshman Year

Courses	Semester and Credit	
	F	S
EDUCATION 101, ORIENTATION TO COLLEGE LIFE	X	0
ENGLISH 131, 132, COMPOSITION	3	3
HISTORY 201, 202, AMERICAN HISTORY	3	3
MATHEMATICS 121, 122, FUNDAMENTALS OF MATHEMATICS	3	3
PHYSICAL EDUCATION 100, ORIENTATION TO HEALTH AND HYGIENE	0	X
PHYSICAL EDUCATION 101, 102, GENERAL PHYSICAL EDUCATION	1	1
SCIENCE 10, 20, SURVEY OF SCIENCE	3	3
Electives	3-4	3-4
Total	16-17	16-17

Sophomore Year

ART 324, HISTORY AND APPRECIATION OF ART	2	0
BIOLOGY 101, 102, GENERAL BIOLOGY	4	4
Chemistry 211, 212, General Chemistry	4	4
ENGLISH 201, 202, WORLD LITERATURE	3	3
HISTORY 101, 102, WORLD HISTORY	3	3
MUSIC 230, HISTORY AND APPRECIATION OF MUSIC	0	2
PHYSICAL EDUCATION 201, 202, GENERAL PHYSICAL EDUCATION	1	1
Total	17	17

Junior Year

Chemistry 421, Qualitative Analysis	4	0
Chemistry 422, Quantitative Analysis	0	4
French 131, 132, Elementary	3	3
Physics 311, 312, General Physics	4	4
PSYCHOLOGY 201, GENERAL PSYCHOLOGY	3	0
Minor and Electives	2-3	5-6
Total	16-17	16-17

Senior Year

Biology 321, General Zoology, or	4	0
Biology 331, General Botany	4	0
Biology 417, Heredity	0	3
ENGLISH 401, INTRODUCTION TO PHILOSOPHY	3	0
French 231, 232, Intermediate	3	3
Electives	6-7	10-11
Total	16-17	16-17

NOTE: Agriculture 151, 152, 251, 252 may be used instead of Biology 101, 102, or Chemistry 211, 212, or Physics 311, 312.

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.

AGRICULTURE

Chairman: ENGLISH JONES

In addition to modern classrooms, offices and storage facilities the Agriculture Department has a well-equipped laboratory and excellent wood and metal work facilities.

A desire to learn, based upon the belief that learning promotes more meaningful living, characterizes the students enrolled in the Department of Agriculture.

The following areas of study are covered in the department: Animal Science, Dairy Science, Poultry Science, Feeds and Feeding, Farm Crops, Vegetable Gardening, Soils and Fertilizers, Wood Work, Metal Work, Farm Machinery, Farm and Home Planning, and Agricultural Economics.

Fourteen hours of Agricultural Science may be taken in lieu of the eight hours of Science required for graduation.

151. ANIMAL HUSBANDRY.

The history, development, breeding, feeding, culling, marketing and general management of meat and work animals on the farm. Laboratory fee \$3.00. Fall; three recitations, one double laboratory period weekly. Credit, 4 semester hours.

152. FARM CROPS.

Principles of plant growth, legumes, pasture, forage crops, cover crops, feed and food crops, and money crops. Crop rotations, cultivation practices and principles, basic plant breed, and improvement. Field trips. Laboratory fee \$3.00. Spring; three recitations, one double laboratory period weekly. Credit, 4 semester hours.

205. GENERAL HORTICULTURE.

A course designed to teach the fundamentals of horticulure, also skills and practices in growing plants by layerage, cuttage, and specialized structures. Grafting, budding, and controlling pests. Planning the home ground, the lawn, ornamental woody, and ornamental herbaceous plants for beautifying the home and farmstead. The home orchard and its care. Laboratory fee \$3.00. Fall: two recitations, one double laboratory period weekly. Credit, 3 semester hours.

251. POULTRY SCIENCE.

History of types, classes, breeds and varieties, culling, marketing, housing, feeding, sanitation, diseases, insects, incubation, brooding, and general management of the flock. Laboratory fee \$3.00. Fall; two recitations, one double laboratory period weekly. Credit, 3 semester hours.

252. DAIRY SCIENCE.

A study of different breeds, management of the herd, feeding, housing, caring for calves, improvement of the herd by breeding, testing and handling milk and milk products. Laboratory fee \$3.00. Spring; two recitations, one double laboratory period weekly. Credit, 3 semester hours.

353. SHOP—WOOD WORK.

Mechanical drawing, blueprint reading, recognition, care, and sharpening of tools. A woodworking project is part of course requirement. Laboratory fee \$3.00. Fall; two double laboratory periods weekly. Credit, 2 semester hours.

354. SHOP—METAL WORK.

Instruction in the use and care of tools with emphasis on metal working tools. Instruction includes cold metal working, sheet metal work, forging, electric welding, and concrete work. A metal working project is a part of the course requirement. Laboratory fee \$3.00. Spring; two double laboratory periods weekly. Credit, 2 semester hours.

355. FEEDS AND FEEDING.

Principles of feeding feed usage. Feed requirements for maintenance, growth, and production. Value and digestibility of various feeds; commercial and home grown. A special study of feeding standards for the various farm animals and balancing rations. Laboratory fee \$3.00. Fall; one recitation, one double laboratory period weekly. Credit, 2 semester hours.

356. FARM MANAGEMENT.

Applications of agriculture, technology and economics information, methods of securing the maximum from the farm; ownership, rental, planning cropping programs, selecting livestock enterprises and equipment, securing labor and marketing farm products, farm accounting. Spring; two recitations, one double laboratory period weekly. Credit, 3 semester hours.

357. INTRODUCTION TO FORESTRY.

Prerequisites: Biology 101, 102.

An introductory course designed to give a general knowledge of the practices of forestry in the southeast with emphasis upon producing and marketing forest products; protecting farm woods from fire, insects, and disease. Laboratory fee \$3.00. Spring; two recitations, two double laboratory periods weekly. Credit, 4 semester hours.

358. FARM MACHINERY.

Principles of machinery, repair of farm machinery, setting up new machines, use and installation of electric appliances, water systems, heating plants and other home mechanical devices, the handling and care of farm machines. This is a special problems course; an outline of required work will be furnished each student by the Agriculture Instructor. Laboratory fee \$3.00. Fall, spring. Credit, 3 semester hours.

451. FARM AND HOME PLANNING.

Landscaping the farm, farm layout, and arrangement of farm buildings. Care of farmstead, care and repair of farm buildings, fence construction and repairs. Laboratory fee \$3.00. Fall; two recitations, one double laboratory period weekly. Credit, 3 semester hours.

452. 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 compost heap. Laboratory fee \$3.00. Spring; one recitation, one double laboratory period weekly. Credit, 2 semester hours.

453. SOILS AND FERTILIZERS.

Origin of soils, types, classes, physical properties, chemical analysis, distribution and relation to crop production, soil bacteria, erosion, soil moisture, materials and artificial fertilizers. A special study of fertilizers materials, their value, use, and control. Laboratory fee \$3.00. Fall; two recitations, one double laboratory period weekly. Credit 3 semester hours.

454. AGRICULTURE ECONOMICS.

The economics of agricultural production, the marketing of farm products, farm credit, land tenure, and other major economics problems of the farmer. Spring; three recitations weekly. Credit, 3 semester hours.

ART

Chairman: John W. Cannon

Art has an important place in general education, because art is applied in our experiences in home, school, and community life. Art for everyone develops an understanding and an appreciation of the beauties in everyday life; art for the unusually gifted student gives a foundation for professional training to the artist, the designer, the art historian, or the art teacher.

Requirements for a Major in Art:

Art 131, 132; 201, 202; 301, 302; 331; 341; 421, 422.

Requirements for a Minor in Art:

Art 131, 132; 201, 202; 331; 341; 324.

131, 132. DRAWING AND PAINTING.

Drawing and painting with different media. This course is designed especially for the beginner to encourage creative expression in different media, and to develop an understanding of color, line, and form through objective and nonobjective projects. Laboratory fee \$3.00 per semester. Fall, spring; three double laboratory periods weekly. Credit, 6 semester hours.

201, 202. DESIGN.

The principles of design, line, color, texture, volume and space. Experiments with various materials in the creation of two and three-dimensional design. Laboratory fee \$3.00 per semester. Fall, spring; three double laboratory periods weekly. Credit, 6 semester hours.

301, 302. ADVANCED DESIGN.

Prerequisites: Art 201, 202.

Advanced specialized problems in textile design, ceramics and advertising design. Laboratory fee \$3.00 per semester. Fall, spring; three laboratory periods weekly. Credit, 6 semester hours.

309, 310. ART EDUCATION IN THE ELEMENTARY SCHOOL.

Arts and crafts as an integral part of teaching in the primary and grammar grades. Acquaintance with various tools and media for 2 and 3 dimensional creative art work, with special emphasis on the usefulness of native products. Laboratory fee \$3.00 per semester. Fall, Spring; two double laboratory periods weekly. Credit, 4 semester hours.

313. ART IN THE SECONDARY SCHOOL.

Prerequisites: Art 131, 132; 201, 202; 331, 332; 301, 302; 324; 341.

The development of arts and crafts as a one-subject field in general education. Costume and stage design, home decoration, commercial art, wood and metal work, weaving, pottery and basketry. Laboratory fee \$3.00. Spring; one recitation, one double laboratory period weekly. Credit, 2 semester hours.

324. HISTORY AND APPRECIATION OF ART.

The purpose of this course is to establish an understanding of art, to develop an appreciation for the relation of art and man, and to study art in a cultural environment: Fall; two recitations weekly. Credit, 2 semester hours.

331, 332. ADVANCED DRAWING AND PAINTING.

Prerequisites: Art 131, 132.

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 \$3.00 each semester. Fall, spring; three double laboratory periods weekly. Credit, 6 semester hours.

341. CERAMICS.

Prerequisite: Art 201.

This course is designed for anyone who is interested in ceramics; it is required for art majors. Preparing the clay, coiling, pinching, pressing, turning on the wheel, mold making, casting, glazing and firing. Laboratory fee \$3.00. Fall; three double laboratory periods weekly. Credit, 3 semester hours.

421. ANCIENT AND MEDIEVAL ART.

Prerequisite: Art 224.

A survey of architecture, sculpture, painting, and other arts from pre-historic times to the Italian Renaissance. Fall; two recitations weekly. Credit, 2 semester hours.

422. RENAISSANCE ART.

Prerequisite: Art 224.

A study of art from the early Renaissance to the present time. Spring; two recitations weekly. Credit, 2 semester hours.

BUSINESS

Chairman: Bertha Wood Dunn

Business Education is a field of study primarily designed for those who wish to teach the skills of business to high school youth. Secondarily, business education is directly important to those who would use the business skills in a business vocation, such as secretarial or general clerical positions.

Requirements for a major in Business Education:

Business 101, 102; 104; 110; 111, 112; 115; 201; 211; 224, 225; 301; 302; 324; 402; 403; 452.

Economics 401; 402; 404.

Requirements for a minor in Business Education:

Business 101, 102; 104; 110; 115;

Business 111, 112; 211; or

Business 224, 225; 324.

Business Administration is a program of study for a degree for those who wish to enter a career in accountancy or to assume an executive position in the management of business or industry.

Requirements for a major in Business Administration:

Business 104; 110; 115; 224, 225; 301; 302; 324; 402; 404; 410; 424.

Economics 401, 402; 403.

Geography 305.

101, 102. BEGINNING TYPEWRITING.

Development of basic typewriting skills and their application to the production of letters and tabulation. Mechanism, operation, and care of the typewriter. Laboratory fee \$3.00 per semester. Fall, spring; three recitations weekly. Credit, 4 semester hours.

104. BUSINESS MATHEMATICS.

A review of the fundamental processes of arithmetic and their application to various phases of business. Spring; two recitations weekly. Credit, 2 semester hours.

110. INTRODUCTION TO BUSINESS.

A beginning course which gives a general survey of the types, functions, and practices of modern business. It provides a foundation for work in specialized and advanced courses in business education. Fall; two recitations weekly. Credit, 2 semester hours.

111, 112. BEGINNING SHORTHAND.

Fundamental principles of Gregg Shorthand with special emphasis on accuracy and speed. Practice work in dictation and transcription. Ability to take transcription 80 words per minute and to transcribe easily and accurately. Fall, spring; five recitations weekly. Credit, 6 semester hours.

115. INTRODUCTION TO RETAILING.

A general study of retail store management and merchandising, including problems of organization, location, building and fixtures, purchasing, pricing, sales promotion and personnel. Spring; two recitations weekly. Credit, 2 semester hours.

201. ADVANCED TYPEWRITING.

Emphasis placed on applied typewriting. The development of sustained production of various kinds of typewriting problems. A speed-building program which develops a high degree of skill. Laboratory fee \$3.00. Spring; three recitations weekly. Credit, 2 semester hours.

211, 212. ADVANCED SHORTHAND.

A second-year course in shorthand, consisting of rapid dictation and rapid transcription. Mastery of principles of Gregg shorthand. Ability to take dictation at rate of 100 to 120 words per minute. Fall, spring; five recitations weekly. Credit, 6 semester hours.

224, 225. PRINCIPLES OF ACCOUNTING.

Prerequisite: Business 104.

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, adjusting and closing entries. Fall, spring; two recitations, one double laboratory period weekly. Credit, 6 semester 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, and simple personal letters. Fall; two recitations weekly. Credit, 2 semester 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. Spring; two recitations weekly. Credit, 2 semester hours.

324. INTERMEDIATE ACCOUNTING.

Prerequisites: Business 224, 225.

A continuation of courses 224, 225, for the purpose of acquiring a more thorough knowledge of accounting for general business purposes or for the profession of accounting. Fall; two recitations, one double laboratory period weekly. Credit, 3 semester hours.

402. BUSINESS LAW I.

The general principles of business law, including contracts, negotiable instruments, partnerships and corporations. Fall; two recitations weekly. Credit, 2 semester hours.

403. OFFICE MANAGEMENT.

A course designed to train students to meet situations which will confront them in the modern business office. This includes meeting office standards, office control, physical facilities, general nature of office work, office personnel relations, and managerial control of office output. Fall; four recitations weekly, half semester. Credit, 2 semester hours.

404. BUSINESS LAW II.

Prerequisite: Business 402.

A continuation of 402. Emphasized topics are: personal and real property, mortgages, bankruptcy, suretyship and trade regulations. Spring; three recitations weekly. Credit, 3 semester hours.

410. BUSINESS STATISTICS.

A study of statistical methods appropriate for dealing with problems in business, with emphasis on simple, multiple, and partial correlation; curve fitting, probability, and sampling distribution. Fall; three recitations weekly. Credit, 3 semester hours.

424. COST ACCOUNTING.

A study of the theory and techniques of control methods used in industries, with emphasis laid on a critical evaluation of the practices followed by job order, process, and standard costing. Spring; two recitations, one double laboratory period weekly. Credit, 3 semester hours.

452. SECRETARIAL PRACTICE.

This course is designed to bring together the instruction offered in the business 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. Fall; four recitations, two double laboratory periods weekly, half semester. Credit, 2 semester hours.

METHODS**Ed. 358. TEACHING BUSINESS EDUCATION.**

Methods used in teaching business subjects, with emphasis upon typewriting, shorthand, bookkeeping, and business arithmetic. Spring; six recitations weekly, half semester. Credit, 3 semester hours.

EDUCATION AND PSYCHOLOGY

Chairman: Herbert G. Oxendine

The Department of Education is that division of the College which provides professional education for those preparing to teach in the public schools. The program of courses provided insures the general, special and professional education needed by public school teachers. The education

curriculum is designed to meet the North Carolina State requirements for certification in the Teaching Profession. Another function of the Department of Education is to recruit desirable candidates for the teaching profession.

101. ORIENTATION TO COLLEGE LIFE.

The purpose of this course is to help the new student make a satisfactory adjustment to college. Introduction is made to the academic purposes, curriculum and activities offered by Pembroke State College. Attention is given to study habits, social responsibility, and the need for developing a philosophy of life. (Required of all students). Fall; one recitation weekly. Credit, none.

ELEMENTARY EDUCATION

The curriculum for Primary and Grammar Grade Teachers lists the courses leading to a degree of Bachelor of Science in elementary education. These courses are designed to give the prospective teacher a broad, liberal view of child growth and development, both mental and physical; the methods and materials appropriate to the different grade levels are stressed.

202. INTRODUCTION TO, AND HISTORY OF EDUCATION.

A survey designed to develop an understanding of the history and philosophy of public school teaching. An introduction to current educational theory as related to curriculum, trends in educational thought, and the factors for and against the teaching profession. Spring; three recitations weekly. Credit, 3 semester hours.

321. TEACHING OF READING IN THE ELEMENTARY SCHOOL.

A study of the importance of reading and language arts as related to the academic success of the child. The development of reading skills through actual observation and practice in the classroom. Desirable materials and methods for achieving these goals are explored and evaluated with especial emphasis on individual differences, readiness, grouping, and directed reading activities. Fall; three recitations weekly. Credit, 3 semester hours.

322G. MATERIALS AND METHODS IN THE GRAMMAR GRADES.

This course will be divided into three blocks: Language Arts, Science and Math, and Social Studies. Special emphasis will be placed on newer materials and methods currently used in making teaching more meaningful and to teach children how to think. This course is designed for certificate renewal and may not be substituted for Education 324 or Education 325. Summer Session; Credit, 3 semester hours.

322P. MATERIALS AND METHODS IN THE PRIMARY GRADES.

Methods and materials used in each subject taught in the Primary Department. Special emphasis will be placed on newer materials and methods currently used in making teaching more meaningful and to teach children how to think. This course is designed for certificate renewal and may not be substituted for Education 324 or Education 325. Summer Session; Credit, 3 semester hours.

324. METHODS OF TEACHING MATHEMATICS AND SCIENCE IN THE ELEMENTARY SCHOOL.

A study of the materials, methods and presentation, and evaluation of teaching Mathematics and the Sciences in the elementary school. The correlation of all studies in an integrated curriculum is stressed. Actual observation and practice is done. A survey of visual and auditory aids is included. Fall; three recitations weekly. Credit, 3 semester hours.

325. METHODS OF TEACHING LANGUAGE ARTS AND SOCIAL STUDIES.

A study of materials, methods of presentation, and evaluation of teaching language arts and social studies in the elementary school. The correlation of all studies, particularly music and art, in an integrated curriculum is stressed. Actual observation and practice is included. Spring; three recitations weekly. Credit, 3 semester hours. (Accelerated).

330. ELEMENTARY SCHOOL ORGANIZATION AND ADMINISTRATION.

A study of the problems of administration and supervision of elementary school, with major emphasis upon problems of organization. This course is designed to aid the teacher who is looking forward to work of a supervisory or administrative nature. Major emphasis is placed upon the problems of organization and administration, based upon the past and present experiences of teachers in service. Three recitations weekly. Credit, 3 semester hours.

331. TESTS AND MEASUREMENTS IN THE ELEMENTARY SCHOOL.

A study of the various types of educational measurement as used in elementary schools; a study of the uses and construction of standardized mental and achievement tests and informal, teacher-made tests. Opportunities for making, administering and scoring; and practice in interpreting and evaluating results are provided. Evaluation of the results of tests in terms of teaching procedure receive major emphasis. Spring; three recitations weekly. Credit, 3 semester hours.

333. CLASSROOM MANAGEMENT IN THE ELEMENTARY SCHOOL.

A study of the problems of the classroom teacher that are not instructional in nature. It includes a study of the routine organization of the school, attendance records and reports; disciplinary problems; attitudes of pupils toward learning and the teacher as a part of the management program of the entire school. Much time will be spent in observing the situations where disciplinary problems arise. Spring; three recitations weekly. Credit, 3 semester hours.

342. PRINCIPLES OF GUIDANCE.

This course deals with the principles, methods, materials, and techniques of understanding the school child, his relationships with his peers, adults, school and the world of work in his future. Cooperative relationships with other pupils, parents, teachers and prospective or cooperating employers. Fall; three recitations weekly. Credit, 3 semester hours.

411. WORKSHOP IN ELEMENTARY READING.

A study of materials, methods of presentation, and testing of results secured in the individual classroom. Spring; two recitations, one double laboratory period weekly. Credit, 3 semester hours.

421. STUDENT TEACHING IN ELEMENTARY SCHOOL.

A study of the problems of the teacher through study of these problems in the school and through a discussion of these problems in classroom situations to be followed by participation of the student in all activities that the teacher is called upon to participate in when teaching in a public school. All prospective teachers will be required to observe and teach a minimum of 90 clock hours for this course and as many more as the instructor deems advisable in the interest of better preparation to teach.

No student shall be permitted to register for this course unless that student has maintained a point hour ratio of at least one point per hour of work attempted in this college and on all transfer credit from other colleges. The right to refuse credit, without failure, to any student who

proves incompatible to teaching is reserved to the faculty of this department.

Each student desiring to do student teaching is required to submit a written application to the head of the Department of Education during the second semester of the junior year. Each applicant shall have completed all required freshman, sophomore, and junior courses. Spring; half semester, all day. Credit, 6 semester hours.

422. OBSERVATION IN ELEMENTARY SCHOOL.

This course is designed for teachers (with teaching experience) enrolled in college in order to change their certificate. This course is not part of student teaching. Any student receiving credit for Education 421, or Education 431 will not receive credit for this course. Fall, spring; five recitations weekly. Credit, 3 semester hours.

450. SEMINAR IN EDUCATION.

This course is required of all student teachers after having completed Education 421. A study of teaching problems encountered in the school and community, records and record keeping, and extensive observation in various school systems, will be emphasized in order to give the prospective teacher a broader concept of the teaching profession. Spring; one recitation weekly. Credit, 1 semester hour.

455. SCIENCE WORKSHOP IN THE ELEMENTARY SCHOOL.

This course is designed to meet the needs of the elementary teacher in the area of science. Special emphasis is placed on how to secure free and inexpensive materials, how to set up simple scientific experiments and how to carry out lecture-demonstrations. This course will follow the North Carolina Science Handbook and will provide scientific experience for teachers at all grade levels (1-8). Summer Session; Credit, 6 semester hours.

SECONDARY EDUCATION

The following courses have been designed to meet the professional requirements for teaching in the Secondary school. Certification requires 18 semester hours of education, of which 6 hours shall be in the study of the school, 6 hours in the study of the child, 6 hours in observation and student teaching. Those students desiring to enter the teaching profession should see the Curriculum for Secondary School Teachers. Following is a description of the courses listed in the Secondary Curriculum. Each applicant shall be expected to select two or more areas of certification.

202. INTRODUCTION TO AND HISTORY OF EDUCATION.

A survey designed to develop an understanding of the history and philosophy of public school teaching. An introduction to current educational theory as related to curriculum, trends in educational thought, and the factors for and against the teaching profession. Spring; three recitations weekly. Credit, 3 semester hours.

338. TESTS AND MEASUREMENT IN THE SECONDARY SCHOOL.

An intensive study of the child's native capacity and his present status, as determined through the use of the tools of measurement. This includes a study of tests, and their uses as an aid in understanding the pupil. All students will have applied work, assigned in neighboring schools. Fall; three recitations weekly. Credit, 3 semester hours.

340. TECHNIQUES OF TEACHING IN HIGH SCHOOL.

A study of those problems that a teacher will meet in teaching in a secondary school that have little to do with their academic areas of training. This includes a study of all reports that a teacher will make and a study

of all records that the teacher is required to keep. Problems of a disciplinary and management nature that arise in schools will be discussed as will those that are observed in the local high school, by students. Fall; two recitations weekly. Credit, 2 semester hours.

342. PRINCIPLES OF GUIDANCE.

This course deals with the principles, methods, materials, and techniques of understanding the school child, his relationships with his peers, adults, school and the world of work in his future. Cooperative relationships with other pupils, parents, teachers and prospective or cooperating employers. Fall; three recitations weekly. Credit, 3 semester hours.

344. TECHNIQUES OF GUIDANCE.

Prerequisite: Education 342.

This course aims to integrate the information, principles and techniques of occupations, guidance, tests, mental hygiene, and psychology into an effective guidance program. Some of the techniques to be studied intensively are: Anecdotal reports, rating scales, observation, records and reports, sociograms, interviewing processes, counseling techniques and case studies. Spring; three recitations weekly. Credit, 3 semester hours.

351. TEACHING FOREIGN LANGUAGES.

352. TEACHING SOCIAL STUDIES.

353. TEACHING MATHEMATICS.

354. TEACHING MUSIC.

355. TEACHING SCIENCE.

356. TEACHING ENGLISH.

357. TEACHING HOME ECONOMICS.

358. TEACHING BUSINESS EDUCATION.

359. TEACHING PHYSICAL EDUCATION.

404. DRIVER TRAINING AND SAFETY EDUCATION.

This course is designed to meet the certification requirements set up by the state of North Carolina for secondary teachers. Spring; three recitations weekly. Credit, 3 semester hours.

431. STUDENT TEACHING IN SECONDARY SCHOOL.

A study of the problems of the teacher through study of these problems in the school, and through discussion of these problems in classroom situations, to be followed by participation of the student in all activities that the teacher is called upon to participate in when called upon to teach in the public school. All prospective teachers will be required to observe and teach a minimum of 90 clock hours for this course and as many more as the instructor deems advisable in the interest of better preparation to teach.

No student shall be permitted to register for this course unless that student has maintained a point hour ratio of at least one point per hour attempted in this college, and on all transfer credits from other colleges. Neither shall any student be permitted to register for this course unless that student has maintained a point hour ratio of at least 1.25 per hour attempted in his or her field of specialization. The right to refuse credit, without failure, to any student who proves incompatible to teaching, is reserved to the faculty of this department.

Each student desiring to do student teaching is required to submit a written application to the head of the Department of Education during the second semester of the junior year. Each applicant shall have com-

pleted all required freshman, sophomore, and junior courses. Spring; half semester, all day. Credit, 6 semester hours.

Ed. 432. OBSERVATION IN SECONDARY SCHOOL.

This course is designed for teachers (with teaching experience) enrolled in college in order to raise their certificates. This course is not part of student teaching. Any student receiving credit for Education 421, or Education 431 will not receive credit for this course. Fall, spring; five recitations weekly. Credit, 3 semester hours.

450. SEMINAR IN EDUCATION.

This course is required of all student teachers after having completed Education 431. A study of teaching problems encountered in the school and community, records and record keeping, and extensive observation in various school systems, will be emphasized in order to give the prospective teacher a broader concept of the teaching profession. Spring; one recitation weekly. Credit, 1 semester hour.

PSYCHOLOGY

The following courses are designed to give the student an understanding of the biological and physiological foundations of human behavior.

201. GENERAL PSYCHOLOGY.

A study of the biological and environmental foundations of human behavior based on social, mental, and emotional problems of adjustment. Attention is focused on the psychological principles of learning and their practical application by college students. A general survey of the various areas of psychology and its relationship to related fields of knowledge. Fall; three recitations weekly. Credit, 3 semester hours.

302. EDUCATIONAL PSYCHOLOGY.

Prerequisite: Psychology 201.

A study of the learning procedure, based upon man's original physical equipment and its modification during the process of learning; how to study; intelligence; intelligence testing; how to use intelligence test results; educational tests; the general principles of learning; optional conditions for learning; transfer of learning; the biological antecedents of learning; growth, conditions, and causes of maladjustments. Spring; three recitations weekly. Credit, 3 semester hours.

303. PSYCHOLOGY OF CHILDHOOD.

Prerequisite: Psychology 201.

An intensive study of the inheritance and development of the child from conception to the age of adolescence. It includes a study of patterns of inheritance, pre-natal factors and environmental factors of the child's life as they affect the child's development (physically and mentally). All of these factors are studied from the point of view of their effect upon the child's success in school, and the chance for the child making satisfactory social adjustments. Spring; three recitations weekly. Credit, 3 semester hours.

304. PSYCHOLOGY OF ADOLESCENCE.

Prerequisite: Psychology 201.

A study of the problems which are particularly related to young people during the transition period from child to adulthood. Physical, mental, emotional and social developmental aspects are considered. Emphasis is placed on the teacher's role in understanding and guiding his students during these formative years. Spring; three recitations weekly. Credit, 3 semester hours.

ENGLISH

Chairman: Elizabeth C. Casale

In these courses which are required of all students in the general education program, the objectives of the English Department are to improve the student's ability to express himself correctly and effectively in written and oral English; to improve his level of reading comprehension; and to further his appreciation of literature as an art and his understanding of its relation to human culture.

For those who plan to major in English, a program is offered which prepares them either for a career in teaching English in the secondary schools or for graduate studies. The courses required of English majors afford the student more intensive and extensive preparation in the areas of written expression, cultural history, and literary appreciation.

One course from the following courses in the Departments of Religion and Library Science may be offered as elective courses for fulfillment of requirements for a major or a minor in English.

Religion 301; 302; 304; 305; 306; 403.

Library Science 321; 322.

Requirements for a major in English:

English 131, 132; 201, 202; 329, 330; 331; 351; 373; 375; 402.

Five semester hours of electives in English other than those required in the general education program.

Requirements for a minor in English:

English 131, 132; 201, 202; 331; 351; 373.

Three semester hours of electives in English other than those required in the general education program.

101. ORAL INTERPRETATION.

This course is designed to help students understand and appreciate literature of various kinds encountered in the college curriculum. Fall; two recitations weekly. Credit, 2 semester hours.

131, 132. COMPOSITION.

This basic course covers three general areas: a careful review of correct English usage, grammar, diction, and spelling; the basic principles of expository writing, methods of organization of ideas, and extensive practice in the general and special types of writing; and an introduction to the types of literature, with emphasis on American literature. During the second semester the techniques of research are taught, and a research paper is composed under careful supervision. Fall, spring; four recitations weekly. Credit, 6 semester hours.

151, 152. PLAY PRODUCTION.

This is a laboratory course in production, directing, costuming, make-up, stage business, expression, pantomime, and emphasis. Fall, spring; three recitations weekly. Credit, 4 semester hours.

201, 202. WORLD LITERATURE.

A study of the important literary movements and writings in the great cultures of the world from early Greek and Oriental works to the modern classics. Emphasis is placed both on literary understanding and appreciation and on the correlation of literary developments with the total cultural scene. Fall, spring; three recitations weekly. Credit, 6 semester hours.

241, 242. JOURNALISM.

An introduction to all aspects of newspaper work from the gathering of news through editorial writing and make-up. Training in the preparation of school newspapers will be given. Fall, spring; three recitations weekly. Credit, 4 semester hours.

301. INTRODUCTION TO LOGIC.

A study of the principles and basic patterns of correct rational argument. Logic aims at the development of clear thinking in all fields of inquiry and expression. In addition to fundamental logical theory, the student is given extensive practice in the following areas: language and its uses; methods of definition; the nature of scientific inquiry and the experimental method. Spring; three recitations weekly. Credit, 3 semester hours.

311. PUBLIC SPEAKING.

A course in speaking and speech preparation with emphasis on correct pronunciation, enunciation, articulation, and delivery of both prepared and extemporaneous materials. Fall; two recitations weekly. Credit, 2 semester hours.

329, 330. ENGLISH LITERATURE.

A study of the literature of England from the time of *Beowulf* to the twentieth century. In addition to the reading and appreciation of the major works, careful attention is given to the general historical background and major literary movements. Fall, spring; three recitations weekly. Credit, 6 semester hours.

331. SURVEY OF AMERICAN LITERATURE.

An introduction to American literature from the beginnings to the twentieth century. Spring; three recitations weekly. Credit, 3 semester hours.

333. THE AMERICAN NOVEL.

A study of the novel in America. Students who have not had English 342 will be required to study techniques of fiction in connection with its development in America; others will proceed to advanced critical analysis. Spring; two recitations weekly. Credit, 2 semester hours.

342. THE ENGLISH NOVEL.

A study of the development of prose fiction in England, with attention to contributing Continental writers. Students read representative novels and examine the entire range of the history of the novel for certain technical elements. Fall; two recitations weekly. Credit, 2 semester hours.

351. SHAKESPEARE.

The major plays of Shakespeare—comedies, histories, and tragedies—will be studied. In addition to a careful analysis of these plays, the student will receive an introduction to the background of the Shakespearean theatre and to the general principles of Shakespeare criticism. Fall; three recitations weekly. Credit, 3 semester hours.

352. SHAKESPEARE.

For those students who elect a more intensive study of the Shakespearean drama, this course offers both an analysis of the plays not treated in English 351 and a more thorough inquiry into the dramatic theory and structure of Shakespeare's plays. Spring; three recitations weekly. Credit, 3 semester hours.

353. MODERN DRAMA.

This course is devoted to a selection of British and American plays of the nineteenth and twentieth centuries. Spring; three recitations weekly. Credit, 3 semester hours.

361. PLAY DIRECTION.

Prerequisites: English 151, 152.

A study of techniques in directing plays, with practice in the directing of short scenes. Fall; two recitations weekly. Credit, 2 semester hours.

363. MODERN BRITISH AND AMERICAN POETRY.

A survey of British and American literature of the late nineteenth and early twentieth centuries. Some literary criticism will be considered, especially in regard to the Decadents, the Georgians, and the Imagists. Spring; three recitations weekly. Credit, 3 semester hours.

373. ADVANCED COMPOSITION.

In addition to a review of basic principles, this course offers an advanced study of grammar, syntax, rhetoric, and composition. Frequent exercise is given in methods of paragraph development, outlining, types of composition, and research. Fall; three recitations weekly. Credit, 3 semester hours.

375. CREATIVE WRITING.

Prerequisite: English 373.

This course is designed for serious study and practice of various literary forms of composition. Spring; two recitations weekly. Credit, 2 semester hours.

383. CHILDREN'S LITERATURE.

A survey of representative children's books, together with consideration of the standards for evaluating them. Prospective teachers will have an opportunity to compile reading lists. Spring; three recitations weekly. Credit, 3 semester hours.

393. ETYMOLOGY.

A course designed to increase the vocabulary through study of the origins and composition of words. Spring; two recitations weekly. Credit, 2 semester hours.

401. INTRODUCTION TO PHILOSOPHY.

An introduction to the nature of philosophical analysis and to the various problems which arise within the structure of human experience. Major philosophical theories that have contributed to culture will be studied; special emphasis, however, is placed on the philosophical attempt to interpret and integrate experience. Fall; three recitations weekly. Credit, 3 semester hours.

402. CONTEMPORARY LITERATURE.

The major developments in twentieth century world literature with special emphasis on the poetry and prose of England and the United States. Fall; three recitations weekly. Credit, 3 semester hours.

431. THE ROMANTIC PERIOD.

A study of the Romantic Movement as seen in the poetry of Wordsworth, Coleridge, Shelley, Keats, and Byron. Fall; three recitations weekly. Credit, 3 semester hours.

432. THE VICTORIAN PERIOD.

This course is a reevaluation of the Victorian writers, notably Tennyson, Browning, and the late nineteenth-century critics. Spring; three recitations weekly. Credit, 3 semester hours.

443. SURVEY OF ENGLISH DRAMA.

This is a study of types of English drama, including the comedy-of-manners and other post-Shakespearean types. Fall; three recitations weekly. Credit, 3 semester hours.

METHODS

Education 356. TEACHING ENGLISH.

This course is a study of methods of teaching English in accordance with the laws of learning and other modern principles of education having a scientifically-established foundation. Creative teaching is stressed. Spring; six recitations weekly, half semester. Credit, 3 semester hours.

HISTORY AND SOCIAL SCIENCES

Chairman: Edwin D. Hoffman

Courses in history and the other social sciences are offered with two purposes in mind: to meet requirements for majors in these two fields of study, and to furnish a foundation for other students who wish to continue graduate or special work in law, social service, or other related endeavors. Courses are not only designed for majors in the department but for general students who have come to recognize the value of the social sciences as the basis for good citizenship.

Requirements for a major in History, 36 semester hours, including:

History 101, 102; 201, 202

Political Science, 6 hours

Elective hours in History and Geography, 18 hours

Requirements for a major in Social Sciences, 36 semester hours, including:

History 101, 102; 201, 202

Economics 401

Geography 301

Political Science 301

Sociology 301

Elective hours in the five social sciences, 12 hours

Requirements for a minor in History, 24 semester hours, including:

History 101, 102; 201, 202

Elective hours in History and Political Science, 12 hours

Requirements for a minor in Social Sciences, 24 semester hours, including:

History 101, 102; 201, 202

Elective hours in the five social sciences, 12 hours

HISTORY

101, 102. WORLD HISTORY.

A survey of world civilization from its origins to the present. Required of all sophomores. Fall, spring; three recitations weekly. Credit, 6 semester hours.

201, 202. AMERICAN HISTORY.

A study of the development of the American nation from the discovery of the Americas to the present. Required of all freshmen. Fall, spring; three recitations weekly. Credit, 6 semester hours.

304. TWENTIETH CENTURY WORLD.

A study of conflict and cooperation in an era of global war, with emphasis on the inter-action of democracy, communism, fascism and imperialism. Spring; three recitations weekly. Credit, 3 semester hours.

310. HISTORY OF THE SOUTH.

A political, economic and cultural study of the region from its colonial origins to the present, with emphasis on the role of the South in the nation's history. Fall; three recitations weekly. Credit, 3 semester hours.

321. HISTORY OF NORTH CAROLINA.

A survey of the history, government and geography of the state, oriented toward the needs of the elementary school teacher. Spring, three recitations weekly. Credit, 3 semester hours.

341. ECONOMIC HISTORY OF THE UNITED STATES.

An historical study of American agriculture, labor, industry and commerce, with emphasis on the relation of the government to the economy. Fall; three recitations weekly. Credit, 3 semester hours.

411. HISTORY OF LATIN AMERICA.

A survey of the history of the Latin American republics, their struggles for independence and their cultural evolution. Fall; three recitations weekly. Credit, 3 semester hours.

ECONOMICS

401. PRINCIPLES OF ECONOMICS.

An analysis of the major aspects of contemporary economic institutions, processes and systems. Fall; three recitations weekly. Credit, 3 semester hours.

402. PROBLEMS IN ECONOMICS.

An intensive examination of some of the subjects surveyed in the Principles course. Spring; three recitations weekly. Credit, 3 semester hours.

403. MONEY AND BANKING.

A study of financial institutions and their role in the economy, and an analysis of the functions of money and credit, prices and the business cycle. Spring; three recitations weekly. Credit, 3 semester hours.

404. PERSONAL FINANCE.

Prerequisite: Business 110.

Personal Economics with special emphasis on handling personal and family funds. Each student will keep a personal budget while taking this course. Fall; two recitations weekly. Credit, 2 semester hours.

GEOGRAPHY

301. PRINCIPLES OF GEOGRAPHY.

An introductory survey of human geography, with emphasis on climate regions, natural resources, and geopolitics. Fall; three recitations weekly. Credit, 3 semester hours.

304. CULTURE REGIONS OF THE WORLD.

A detailed study of representative regions of the world, stressing their cultural similarities and differences. Spring; three recitations weekly. Credit, 3 semester hours.

305. ECONOMIC GEOGRAPHY.

A study of the major economic regions of the world, with emphasis on investment and international trade. Spring; three recitations weekly. Credit, 3 semester hours.

POLITICAL SCIENCE**301. PRINCIPLES OF AMERICAN GOVERNMENT.**

An introductory study of the structure and functions of the government of the United States. Spring; three recitations weekly. Credit, 3 semester hours.

302. PROBLEMS IN AMERICAN GOVERNMENT.

Intensive examination of several of the topics surveyed in the principles course. Fall; three recitations weekly. Credit, 3 semester hours.

303. COMPARATIVE GOVERNMENT.

A comparison of major types of government in the contemporary world, with emphasis on the American, English, Soviet, Indian, and Latin American systems. Fall; three recitations weekly. Credit, 3 semester hours.

SOCIOLOGY**301. PRINCIPLES OF 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; three recitations weekly. Credit, 3 semester 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. Fall; three recitations weekly. Credit, 3 semester hours.

401. THE FAMILY.

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 in the school. Required of all majors in Home Economics. Spring; three recitations weekly. Credit, 3 semester hours.

METHODS**EDUCATION 352. TEACHING SOCIAL STUDIES.**

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. Spring; six recitations weekly, half semester. Credit, 3 semester hours.

HOME ECONOMICS

Chairman: Betty Campbell

Requirements for a major in Home Economics:

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

Sociology 401. Physics 314.

HOME ECONOMICS

The home economics courses are designed to meet the needs of students desiring to obtain teaching positions in the public schools and other professional home economics positions, as well as the general social, avocational, and educational needs of all young people. Considerable emphasis is placed on preparing students for successful home and family living.

The home economics department is housed in a new building, equipped with modern furnishings which are replaced as new and improved models are available.

In the six room home management cottage, students majoring in home economics live for six weeks; here they have the experience of making a house a home. Life there includes study, work, and play. This cottage is also used by students in other courses primarily concerned with the home, its equipment and furnishings.

101. CLOTHING FOR THE FAMILY.

A study of clothing needs, budgeting, and storage; construction of one garment. Laboratory fee \$3.00. Spring; one recitation, two double laboratory periods weekly. Credit, 3 semester hours.

102. CLOTHING SELECTION AND CONSTRUCTION.

Prerequisite: Home Economics 101.

A study of textile fibers and materials; the principles of selection, construction, and repair of clothing; use of commercial patterns. Laboratory fee \$3.00. Fall; one recitation, two double laboratory periods weekly. Credit, 3 semester hours.

201. FOOD FOR THE FAMILY.

Theory and practice in planning, marketing, storing, preparing, and serving of food for family meals. Laboratory fee \$3.00. Fall; one recitation, two double laboratory periods weekly. Credit, 3 semester hours.

202. FOOD SELECTION AND PREPARATION.

Prerequisite: Home Economics 201.

Advanced study and practice in planning, marketing, preparing, and serving of food for family meals and special functions. Laboratory fee \$3.00. Spring; one recitation, two double laboratory periods weekly. Credit, 3 semester hours.

301. NUTRITION.

Prerequisites: Home Economics 202; Chemistry 211, 212.

A study of the fundamental principles of human nutrition and their application in selecting diets at different cost levels and the adaptation of diet to common disorders. Fall; one recitation, one double laboratory weekly. Credit, 2 semester 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. Fall; two recitations weekly. Credit, 2 semester hours.

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; two recitations weekly. Credit, 2 semester hours.

312. ADVANCED CLOTHING.

Prerequisite: Home Economics 102.

An advanced course in clothing construction designed to increase skill in techniques of tailoring, in fitting, and in pattern alteration. Construc-

tion of tailored garment. Laboratory fee \$3.00. Fall; one recitation, two double laboratory periods weekly. Credit, 3 semester hours.

402. HOME MANAGEMENT.

This course deals with the management problems in the home as applied to income, time, labor, and family relationships. Fall; two recitations weekly. Credit, 2 semester hours.

403. HOUSE RESIDENCE.

A group of students lives for a period of six weeks in the home economics cottage, under the supervision of an instructor. Application is made of the principles of home management through the activities carried on during residence. Group conferences. Fall. Credit, 2 semester 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. Spring; one recitation, one double laboratory period weekly. Credit, 2 semester hours.

METHODS

EDUCATION 357. 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 materials. Spring; six recitations weekly, half semester. Credit, 3 semester hours.

LIBRARY SCIENCE

Chairman: Marjorie Kanable

The field of Library Science will assist all students in learning to make better use of the library facilities. All of the courses will help prepare a person to qualify for the position of teacher-librarian and to learn how to organize and manage a school library. In addition, teachers will find aids in selecting books and material for the various subjects taught.

321. PRINCIPLES OF LIBRARIANSHIP.

This course, recommended for all teachers, includes the study of: The Principles, objectives, and routines of library organization; the processes including ordering, accessioning, binding, and care of books; and the circulation of various kinds of materials. Fall; three recitations weekly. Credit, 3 semester hours.

322. CATALOGING AND CLASSIFICATION.

Prerequisite: Library Science 321.

This course includes a study of the principles of cataloging and classification, and practice in cataloging school library materials, using the unit card and the Dewey Decimal System. Spring; three recitations weekly. Credit, 3 semester hours.

323. SELECTION OF BOOKS AND REFERENCE MATERIALS.

Prerequisite: Library Science 321.

This is a study of the selection and evaluation of the literature best adapted to the varying needs of the pupil, with special reference to the North Carolina Course of Study. It includes the evaluation and use of reference materials most commonly used in school libraries. Spring; three recitations weekly. Credit, 3 semester hours.

MATHEMATICS

Chairman: James A. Jacobs

The general aims of the courses in Mathematics are: to acquire and to practice the fundamental Mathematics skills for which there is a universal demand in our social order; to develop the ability to reason inductively and deductively; to lay a thorough groundwork for development in any field requiring Mathematical skills for majors and minors; and to create a love for Mathematics and a desire to be teachers of the subject.

Requirements for a major:

Mathematics 111, 113; 211; 212; 311; 313; 411; 412.

Requirements for a minor:

Mathematics 111, 113; 211; 212; 311.

5. PLANE GEOMETRY.

This is a course in high school plane geometry. It will give one high school unit of plane geometry for admission to the college. Fall; three recitations weekly.

100. TEACHER'S ARITHMETIC.

This course is designed to develop speed and accuracy in computation. The development of the Hindu-Arabic number system and various methods of performing the elementary processes in integers and fractions are studied. Suggested for all students preparing to teach in the elementary schools. Spring; three recitations weekly. Credit, 3 semester hours.

111. 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; three recitations weekly. Credit, 3 semester hours.

113. PLANE TRIGONOMETRY.

Prerequisites: Plane geometry, Mathematics 111.

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. Spring; three recitations weekly. Credit, 3 semester hours.

121, 122. FUNDAMENTALS OF MATHEMATICS.

This course is intended only for those students who need a year's work in Mathematics but do not intend to take additional Mathematics. The student is provided with an opportunity of learning about the nature, significance, and use of Mathematics, from early times to the present. Practical topics of Arithmetic, Algebra, Geometry, and Plane Trigonometry. Fall, Spring; three recitations weekly. Credit, 6 semester hours.

211. SOLID GEOMETRY.

Prerequisite: Plane geometry.

The principal theorems of solid geometry supplemented by the solution of numerical exercises and mensuration problems. For students who have not had solid geometry in high school. Fall; three recitations weekly. Credit, 3 semester hours.

212. PLANE ANALYTIC GEOMETRY.

Prerequisites: Mathematics 111, 113.

A study of rectangular coordinates, loci, the straight line, the circle, conic sections, equations of the second degree, higher plane curves, and

polar coordinates. Spring; four recitations weekly. Credit, 4 semester hours.

311. DIFFERENTIAL CALCULUS.

Prerequisite: Mathematics 212.

A study of the theory of limits, differentiation, applications of the derivative, successive differentiation and applications, differentiation of transcendental functions and applications, parametric equations, polar equations and differentials. Fall; five recitations weekly. Credit, 5 semester hours.

313. INTEGRAL CALCULUS.

Prerequisite: Mathematics 311.

Integration, the definite integral, the fundamental theorem and its applications, series, expansion of functions and partial differentiation. Spring; four recitations weekly. Credit, 3 semester hours.

411. COLLEGE GEOMETRY.

A brief review of high school geometry followed by a study of modern geometry of the triangle and circle. Spring; three recitations weekly. Credit, 3 semester hours.

412. THEORY OF EQUATIONS.

A study of complex numbers, the solution of higher equations, roots, symmetric functions, isolation of real roots, solution of numerical equations and determinants. Fall; three recitations weekly. Credit, 3 semester hours.

METHODS

EDUCATION 353. TEACHING MATHEMATICS.

A study of the problems involved in the selection, organization and presentation of the materials in high school mathematics. Spring; six recitations weekly. half semester. Credit, 3 semester hours.

MUSIC

Acting Chairman: Elma Ransom

The importance of supplementing a liberal cultural education with a musical education is more and more being realized. The mission of the department of music is to develop talent to the highest degree of capability, and to increase appreciation of music.

This department offers courses which are designed to meet the needs of the student who wishes to spend the major part of his time in the study of music with emphasis on voice, piano, band and orchestral instruments, or Public School Music. It also offers courses which may serve as a minor for liberal arts majors or as electives for the student who wishes to study music for its cultural benefits only.

The department is equipped with excellent facilities which include practice rooms, instruments, audio-visual aids, records, and materials for performance or study. Students use these facilities without extra charge.

Requirements for a major in music:

Music: 111, 112; 211, 212; 221, 222; 301; 320; 321, 322; 330.

Applied Music: Piano, 6 semester hours; Voice, 6 semester hours. (At least one-half the voice credit shall be voice training). Six semester hours of electives in applied music.

Requirements for a major in music:

Music: 111, 112; 221; 301.

Applied Music: 100, 101; 141; 171; 181, 182; 191.

THEORY AND GENERAL MUSIC

111, 112. EAR TRAINING AND SIGHT SINGING.

Drill in scales and interval singing using the "Tonic Sol-fa" system, time subdivisions, part singing and notation. Required of all Music Degree students. Fall, Spring; three recitations weekly. Credit, 6 semester hours.

211, 212. EAR TRAINING AND SIGHT SINGING.

Continuation of 112, emphasis on chromatic intervals, dictation, the minor mode, and singing in many parts. Required of all Music Degree students. Fall, Spring; three recitations weekly. Credit, 6 semester hours.

221, 222. THEORY: ELEMENTARY HARMONY.

Prerequisites: Music 111, 112.

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. Fall, spring; two recitations weekly. Credit, 4 semester hours.

230. HISTORY AND APPRECIATION OF MUSIC LITERATURE.

The development of a familiarity with, and an understanding of, good music. Mention made of the History of Music, course of reading prescribed, forms found in music of different periods, with emphasis on listening, and the relationship of music to general cultural development. Spring, two recitations weekly. Credit, 2 semester hours.

301. 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 the recordings for analysis and recognition. Fall; three recitations weekly. Credit, 3 semester hours.

310. BASIC MUSIC FOR THE ELEMENTARY SCHOOL.

A course for elementary teachers who are deficient in the knowledge of the basic fundamentals of music. It includes the "Tonic Sol-fa" system, notation, keys, and scale construction. Required of all students that expect to qualify for a Primary or Grammar grade certificate. Spring, three recitations weekly. Credit, 3 semester hours.

320. CONDUCTING.

Prerequisite: A fair reading knowledge of music.

This course is designed for music majors; it includes a study of hymns, standard anthems, and baton techniques. Practical experience conducting the College Band or Chorus is undertaken. Fall; two recitations weekly. Credit, 2 semester hours.

321. HARMONY: KEY BOARD.

Prerequisites: Music 211, 212; 221, 222.

A study of cadences, modulations, extemporaneous harmonization of melodies at the piano. This course is offered to students who desire to further their education in music leading to a major in music. Fall; three recitations weekly. Credit, 3 semester hours.

323. ARRANGING.

Prerequisite: Music 321.

A practical study of the fundamentals of scoring, the family of instruments, and the individual instruments as members of ensembles, covering a variety of problems ranging from simple four part songs through piano and organ compositions to involved instrumental works. Spring; two recitations weekly. Credit, 2 semester hours.

330. MUSIC APPRECIATION.

A survey to aid college students to become more intelligent listeners and to provide a greater source of enjoyment. A careful selection of phonograph recordings and the use of the college library, radio and television help greatly in accomplishing the purpose of the course. Open to any student on the campus irrespective of musical background. Spring; three recitations weekly. Credit, 3 semester 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 2 semester hours.

APPLIED MUSIC

Private study is offered in piano, voice, band, and orchestral instruments. In each of these fields the work will be adapted to the needs of the individual student. Courses in applied music are required of all music majors, but may be elected by students not majoring in music.

A charge of \$11.00 per semester is made for individual piano lessons (Music 81, 82; 181, 182; etc.) A charge of \$4.00 per semester will be made for other applied music courses.

81, 82. INTRODUCTION TO PIANO.

For students with no previous experience at the piano. Arrangements for lessons will be made through the department of music. College credit will not be given for piano until a degree of proficiency is attained in performance.

161, 162; 261, 262; 361, 362. STRINGED INSTRUMENTS.

Classes of instruction in violin, viola, cello and bass are offered those students desiring to acquire a playing knowledge of these instruments. Two thirty minute lessons weekly. Credit, 1 hour per semester.

181, 182; 281, 282; 381, 382. PIANO.

Students must audition with the department for this course. Technical studies and building of repertoire. Selected piano literature for each level of department. The student acquires the ability to teach as well as perform at the piano. Two thirty-minute lessons weekly. Credit, 1 hour per semester.

191, 192; 291, 292. VOICE CLASS.

Principles of correct breathing, formation and correct tone placement, and elementary exercises for the development of the voice. Special attention is given to diction, phrasing and expression. Two rehearsals weekly. Credit, 1 hour per semester.

171, 172; 271, 272; 371, 372; 471. BAND INSTRUMENTS.

Students must audition with the department for this course. A concentrated study on a selected instrument through private, or small group instruction. Two lessons weekly. Credit, 1 hour per semester.

351, 352; 451, 452. VOICE.

A concentrated study in voice through private instruction. Two thirty-minute lessons weekly. Credit, 1 hour per semester.

COLLEGE BAND

The College Band forms an integral part of college life and is an all-college organization. Membership is open to all men and women. The band is a valuable laboratory for instruction in wind instruments, and students desiring to become teachers and performers will find participation in the band of great value.

141, 142; 241, 242; 341, 342; 441. COLLEGE BAND.

Membership by tryout only. (Beginners are advised to take Music 171, Band Instrument) Extensive literature is played, and public appearances are made both in parades and programs. Fall, Spring; two rehearsals weekly. Credit, 1 hour per semester.

COLLEGE CHORUS

The College Chorus is open not only to music students but to others who have musical talent and who are interested in singing. The Chorus appears in public concerts throughout the year.

100, 101, 200, 201, 300, 301, 400. COLLEGE MIXED CHORUS.

The mixed chorus offers an opportunity to sing many different types of choral literature; frequent public appearances. Fall, spring; two rehearsals weekly. Credit, 1 hour per semester.

METHODS

Education 354. TEACHING MUSIC.

Junior and Senior High School Methods. Organization and Materials for Chorus, Glee Club, Bands, Theoretical music classes, Operettas, and Cantatas. Fall; three recitations weekly. Credit, 3 semester hours.

401. PUBLIC SCHOOL MUSIC.

Prerequisite: Music 310.

A study of the various texts in use in the elementary school. Selection and presentation of rote songs; the child's voice in singing; the unmusical child; the methods of interesting children in music. Required of all students that expect to qualify for a Primary or Grammar grade certificate. Fall; three recitations weekly. Credit, 3 semester hours.

PHYSICAL EDUCATION AND HEALTH

Chairman: RICHARD A. LAUFFER

The purpose of the Department of Physical Education is two-fold: to provide all students with the opportunity to learn and participate in indoor and outdoor sports and in leisure time recreations, in line with their capacities and interests; and to provide the necessary training for teachers in the field of health and physical education.

All students are required to engage in some type of physical activity for two years or four full semesters. Physical Education 101, 102, and 201, 202 will meet this requirement.

The program of intercollegiate athletics includes competition for boys in basketball, baseball, track, and cross country, with the aim of promoting maximum participation by members of the student body.

In addition to intercollegiate athletics, the college fosters a program of intramural athletics. Every effort is made to provide each interested student with the opportunity to participate in a healthful form of competition with his fellow students and to learn teamwork and good sportsmanship.

Requirements for a major in Physical Education:

Physical Education 101, 102; 201, 202; 204; 205; 303; 304; 305; 307; 310; 312; 314; 321; 402; 403; 404; 410; 411.

Requirements for a minor in Physical Education:

Physical Education 204; 205; 305; 307; 312; 321; 403; 404; 410.

100. ORIENTATION TO HEALTH AND HYGIENE.

The aim of this course is to promote interest in a well-balanced program for daily living. Emphasis will be placed on personal hygiene and the student's obligation to serve society by the promotion of individual, family and public health. Required for all freshmen. Spring; one recitation weekly. Credit, none.

101, 102. GENERAL PHYSICAL EDUCATION.

Designed to meet the needs of college freshmen in active games and includes practice in indoor and outdoor games. Fall, spring; two recitations weekly. Credit, 2 semester hours.

201, 202. GENERAL PHYSICAL EDUCATION.

Provides wholesome recreation and activity for sophomores and includes calisthenics, elementary marching tactics, and games. Fall, spring; two recitations weekly. Credit, 2 semester hours.

204. INDIVIDUAL SPORTS.

The purpose of this course is to give the student sufficient knowledge of rules and techniques so he may enjoy recreational activities such as table tennis, badminton, handball, shuffleboard and tumbling. Fall; two recitations weekly. Credit, 1 semester hour.

205. TEAM SPORTS.

This course will include the skills, techniques, and rules of touch football, volleyball, speed ball and soccer. Fall; two recitations weekly. Credit, 1 semester hour.

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. Fall; three recitations weekly. Credit, 3 semester hours.

303. BEGINNERS TENNIS.

Rules, fundamentals, and basic techniques in tennis are stressed. Spring; two recitations weekly. Credit, one semester hour.

304. CORRECTIVE PHYSICAL EDUCATION.

Diagnosis of the activities especially designed and indicated for the treatment of remedial physical defects. Spring; three recitations weekly. Credit, 3 semester hours.

305. FOLK RHYTHMS.

This course is designed to develop poise and grace of carriage in the student and equip him with knowledge of folk games. Spring; two recitations weekly. Credit, 1 semester hour.

307. PRINCIPLES OF PHYSICAL EDUCATION.

A study of the relationship and contribution of physical education to general education—historical backgrounds, basic biological, physiological, psychological, and sociological foundations of the modern program. Spring; three recitations weekly. Credit, 3 semester hours.

308. HEALTH EDUCATION FOR THE ELEMENTARY SCHOOL.

The principles, practices, and procedures in health education for the elementary school. Fall; three recitations weekly. Credit, 3 semester hours.

310. KINESIOLOGY.

Mechanical and anatomical fundamentals of human motion. Muscular analysis of movement in physical education will be stressed. Fall; three recitations weekly. Credit, 3 semester hours.

312. PRINCIPLES OF HEALTH EDUCATION.

The principles, practices, and procedures in health education for the secondary school. Spring; three recitations weekly. Credit, 3 semester hours.

314. FIRST AID AND SAFETY.

This course is designed to acquaint students with emergency situations at home, at school and in athletics in the prevention and care of injuries. Satisfactory completion of the course carries with it a standard certificate in First Aid from the American Red Cross. Spring; two recitations weekly. Credit, 2 semester hours.

315. PHYSICAL EDUCATION FOR THE ELEMENTARY SCHOOL.

This course deals with the selection of material and methods of physical education in the elementary school. Spring; three recitations weekly. Credit, 3 semester hours.

317. ATHLETIC OFFICIATING.

This course will present the skills and techniques of officiating in major sports at the junior high, senior high and college level. Practical experience in officiating will be provided through the intramural athletic program. Fall; two recitations weekly. Credit, 2 semester hours.

318. PLAYGROUND SUPERVISION.

In addition to classroom work the student will spend three periods each week on the playgrounds of the demonstration schools. Spring; one recitation weekly. Credit, 2 semester hours.

321. CURRICULUM IN PHYSICAL EDUCATION.

Theory of background and actual work in constructing a workable program in physical education. Fall; three recitations weekly. Credit, 3 semester hours.

401. COACHING FOOTBALL.

Study of fundamental offensive and defensive football; rules and problems in staging games. Fall; two recitations weekly. Credit, 2 semester hours.

402 COACHING BASKETBALL.

A study of fundamentals of offensive and defensive play; rules and problems of conditioning. Fall; two recitations weekly. Credit, 2 semester hours.

403. COACHING BASEBALL.

A study of fundamentals, individual needs for playing different positions, maintaining grounds and staging games. Spring; two recitations weekly. Credit, 2 semester hours.

404. COACHING TRACK AND FIELD.

A study of fundamentals, individual techniques, conditioning, and staging a track meet. Spring; two recitations weekly. Credit, 2 semester hours.

410. ORGANIZATION AND ADMINISTRATION OF PHYSICAL EDUCATION.

Problems of the administrator and supervisor in modern problems of health, physical education and recreation, and suggested methods on how to solve them. Fall; three recitations weekly. Credit, 3 semester hours.

411. PROBLEMS IN HEALTH EDUCATION.

Methods and materials course for health education, correlating of health education with other school subjects. Preparation of the teacher to promote

a planned health program in the classroom and school. Fall; two recitations weekly. Credit, 2 semester hours.

412. PHYSIOLOGY OF EXERCISE.

The functions of the body as a whole is stressed. As much as possible the various organs and their functions are considered separately. Spring; three recitations weekly. Credit, 3 semester hours.

METHODS

359. TEACHING PHYSICAL EDUCATION.

Spring; six recitations weekly, half semester. Credit, 3 semester hours.

RELIGION

Chairman: I. RUTH MARTIN

The purpose of the Religion courses is to give a clearer understanding of the Bible and the Christian institutions of our world, to see the Bible as the foundation of much of our culture, to aid in finding and expressing a personal philosophy, and to prepare college graduates to take their places in community life.

These courses are of great value to ministers and to those who wish to give full time in Christian service; at the same time, these courses are designed to give the student a cultural understanding of the Christian heritage.

Requirements for a Minor in Religion:

Religion 131, 132; 231, 232; Six semester hours of electives in Religion.

The state of North Carolina lists as minimum requirements for High School Teacher Certification in Bible 15 semester hours. To be certified in Bible and Religion, the state requires 21 hours, 6 of which must be taken in Old Testament, 6 in New Testament, and 9 electives. Courses in the Religion department meet these requirements.

Specified courses of this department may be used as elective major hours in the field of English. See section on English.

131. LIFE OF CHRIST.

A study of the life and teachings of Christ as they are presented in the four gospels with emphasis upon world conditions of His day and the significance of His death and resurrection. Fall; three recitations weekly. Credit, 3 semester hours.

132. LIFE AND LETTERS OF PAUL.

A study of the life and world of Paul with special consideration to his preparation and mission. The style and subject matter of Paul's writings stressed. Spring; three recitations weekly. Credit, three semester hours.

201. EARLY CHURCH HISTORY.

A study of Christian life and thought and the development of the Christian church after Paul through the time of Martin Luther. Fall; two recitations weekly. Credit, 2 semester hours.

231. SURVEY OF THE OLD TESTAMENT.

A study of the Old Covenant with Israel, of the rise and fall of the Jewish nation under the judges and the Kings, and of the spiritual development of a nation, and of the literature of these periods. This course parallels History 101, World History. Fall; three recitations weekly. Credit 3 semester hours.

232. SURVEY OF THE NEW TESTAMENT.

Beginning with the life of Christ and continuing through first century Christianity, this course emphasizes the writings of that age in correlation

with the history and events of the Roman Empire. Spring; three recitations weekly. Credit, 3 semester hours.

301, 302. OLD TESTAMENT PROPHETS.

A study is made of the history and nature of prophecy. Special consideration will be given to the times and messages of Amos, Hosea, Isaiah, Jeremiah, and Ezekiel. Fall, spring; two recitations weekly. Credit, 4 semester hours.

304. THE LITERATURE OF THE GREAT RELIGIONS.

A survey and analysis of the great Religious writings of the world with emphasis upon the life and teachings of Buddha, Confucious, and Mohammed. Spring; two recitations weekly. Credit, 2 semester hours.

305. OLD TESTAMENT LITERATURE.

A consideration of great stories of the Old Testament from Genesis to Esther, with emphasis upon their historical, literary and ethical values. Spring; two recitations weekly. Credit, 2 semester hours.

306. NEW TESTAMENT LITERATURE.

A study of selected epistles, passages, and Revelation with special emphasis upon the purpose, religious teachings, and general content of each. Spring; two recitations weekly. Credit, 2 semester hours.

331. THE LAND OF THE BIBLE.

The topography of the territories mentioned in the Old and in the New Testaments. Customs and living conditions of Bible times emphasized. Fall; two recitations weekly. Credit, 2 semester hours.

401. THE LOCAL CHURCH PROGRAM.

Methods to use in developing an effective educational program in the church. Consideration given to the use of visual aids and directed Christian recreation. Fall; two recitations weekly. Credit, 2 semester hours.

402. CHRISTIANITY AND SOCIETY.

A consideration of the ethical teachings of Jesus relating to society, special attention given to Marriage, Sex, Race Prejudice, Crime, and other social problems of the area. Spring; two recitations weekly. Credit, 2 semester hours.

403. THE POETIC LITERATURE OF THE OLD TESTAMENT.

A study of Job, Psalms, Proverbs, Ecclesiastes, Song of Solomon with consideration of the literary forms and spiritual teachings. Spring; three recitations weekly. Credit, 3 semester hours.

FOREIGN LANGUAGES

Chairman: REBA MILLSAPS LOWRY

The Modern Language Department offers courses in both Spanish and French which aim: to give the student training in the writing, reading and speaking of a language other than his own; to develop within the student an understanding and appreciation of the customs, language, and culture of other people; and, through a deeper appreciation, to contribute toward international good will and peace.

Requirements for a major in French or Spanish:

Thirty semester 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.)

131, 132. 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. This is a course for beginners. Fall, spring; three recitations weekly. Credit, 6 semester hours.

231, 232. INTERMEDIATE SPANISH.

Prerequisites: Spanish 131, 132.

This course consists of grammar review, readings from Spanish literature, collateral reading, class and individual projects, correspondence with students in Spanish speaking countries and Spanish conversations. Fall, spring; three recitations weekly. Credit, 6 semester hours.

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

Prerequisites: Spanish 231, 232.

A study of the lives and representative works of the more prominent writers of the period. Fall, spring; three recitations weekly. Credit, 6 semester hours.

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

Prerequisites: Spanish 331, 332, or 431, 432.

A study of representative works and authors. Fall, spring; three recitations weekly. Credit, 6 semester hours.

431, 432. SURVEY OF SPANISH LITERATURE.

Prerequisites: Spanish 231, 232.

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. Fall, spring; three recitations weekly. Credit, 6 semester hours.

441. SPANISH CONVERSATION AND COMPOSITION.

Prerequisites: Spanish 231, 232.

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. Fall; three recitations weekly. Credit, 3 semester hours.

443. TWENTIETH CENTURY NOVEL.

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

FRENCH

131, 132. ELEMENTARY FRENCH.

Emphasis is placed on phonetics, 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, spring; three recitations weekly. Credit, 6 semester hours.

231, 232. 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, spring; three recitations weekly. Credit, 6 semester hours.

331, 332. SURVEY OF FRENCH LITERATURE.

Prerequisites: French 231, 232.

A study of French literature from its origin to the present, conducted largely in French. Fall, spring; three recitations weekly. Credit, 6 semester 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. Fall; three recitations weekly. Credit, 3 semester hours.

343. TWENTIETH CENTURY NOVEL.

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

431, 432. FRENCH LITERATURE OF THE NINETEENTH CENTURY.

Prerequisites: French 231, 232.

A study of the lives and representative works of the more prominent writers of the period. Fall, spring; three recitations weekly. Credit, 6 semester hours.

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

Prerequisites: French 331, 332, or 431, 432.

A study of representative works and authors. Fall, spring; three recitations weekly. Credit, 6 semester hours.

METHODS

EDUCATION 351. TEACHING FOREIGN LANGUAGES.

Prerequisites: French 431, 432; or Spanish 331, 332, or their equivalents.

A discussion of the problems of reading, grammar and pronunciation, choice of text books and reference books, and methods of teaching. Required of students preparing to teach either French or Spanish. Spring; six recitations weekly, half semester. Credit, 3 semester hours.

SCIENCE

Chairman: HENRY TAMAR

Science is the study of chemical physical and biological phenomena with which man is concerned. The courses offered are designed to give a broad concept of scientific functions in daily living. Emphasis upon laboratory work provides a means by which the student may apply practical methods of experimentation in his respective field of interest.

Requirements for a major in Science:

Biology 101, 102; Chemistry 211, 212; Physics 311, 312; Science 10, 20.

Eight semester hours of electives in junior and senior courses in Science. Students planning to teach in North Carolina will also take Geography 301.

BIOLOGY

101, 102. GENERAL BIOLOGY.

This course is designed to introduce the student to the plant and animal kingdoms, to provide a knowledge of the principles of biology, and to give the student an appreciation of the natural world. This course is a pre-

requisite to all other courses in biology. Laboratory fee \$3.00 per semester. Fall, spring; three recitations, one double laboratory period weekly. Credit, 8 semester hours.

211, 212. HUMAN ANATOMY AND PHYSIOLOGY.

A course covering the structure and function of the human body. Dissections of the cat are performed concurrently in the laboratory. Laboratory fee \$3.00 per semester. Fall, spring; two recitations, one double laboratory period weekly. Credit, 6 semester hours.

321. GENERAL ZOOLOGY.

This course is a survey of the animal kingdom. Structure and function are stressed. Recommended for science majors specializing in biology. Laboratory fee \$3.00. Fall; two recitations, two double laboratory periods weekly. Credit, 4 semester 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 are required. Laboratory fee \$3.00. Fall; one recitation, one double laboratory period weekly. Credit, 2 semester hours.

331. GENERAL BOTANY.

A general course, providing a survey of the plant kingdom followed by study of growth, function, and economic importance of plants. Recommended for science majors specializing in biology. Laboratory fee \$3.00. Fall; two recitations, two double laboratory periods weekly. Credit, 4 semester hours.

341. ADVANCED BOTANY.

Prerequisite: Biology 331.

A specialized course which deals primarily with the relationships of plants to their environment and offers an introduction to the classification of the higher plants of this area. Some economic aspects of botany are included. Laboratory fee \$3.00. Spring; one recitation, two double laboratory periods weekly. Credit, 3 semester hours.

417. HEREDITY.

An introduction to the inheritance of hereditary characteristics, accompanied by genetics experiments in the laboratory. Laboratory fee \$3.00. Spring; two recitations, one double laboratory period weekly. Credit, 3 semester hours.

CHEMISTRY

211, 212. GENERAL CHEMISTRY.

This is an introduction to the methods, materials, and principles of inorganic chemistry. Laboratory fee \$3.00 per semester. Breakage deposit, returnable at the end of the course, if unused, \$2.00. Fall, spring; three recitations, one double laboratory period weekly. Credit, 8 semester hours.

321. ORGANIC CHEMISTRY.

Prerequisites: Chemistry 211, 212.

Laboratory fee \$3.00 per semester. Spring; two recitations, two double laboratory periods weekly. Credit, 4 semester hours.

421. QUALITATIVE ANALYSIS.

Prerequisites: Chemistry 211, 212.

A course covering the principles and techniques of qualitative separation and identification of inorganic cations and anions. Laboratory fee \$3.00. Fall; two recitations, two double laboratory periods weekly. Credit, 4 semester hours.

422. QUANTITATIVE ANALYSIS.

Prerequisite: Chemistry 421.

A course covering the principles of gravimetric and volumetric analysis. Correct laboratory procedures are stressed. Laboratory fee \$3.00. Spring; two recitations, two double laboratory periods weekly. Credit, 4 semester hours.

PHYSICS**311, 312. GENERAL PHYSICS.**

Prerequisite: A student must be enrolled in or have completed Math 111-113.

A general course covering the field of mechanics, properties of matter, light, sound, heat, magnetism, and electricity. Laboratory fee \$3.00 per semester. Fall, spring; three recitations, one double laboratory period weekly. Credit, 8 semester hours.

314. HOUSEHOLD PHYSICS.

This course makes a study of machines of the home, heating, electrical appliances, water supply, lighting, refrigeration, air conditioning, cooking devices and the automobile. Laboratory fee \$3.00. Spring; one recitation, one double laboratory period weekly. Credit, 2 semester hours.

316. ELEMENTARY PHOTOGRAPHY.

The fundamental principles and techniques of photography are studied. Laboratory fee \$3.00. Fall; one recitation, one double laboratory period weekly. Credit, 2 semester hours.

SCIENCE**10, 20. SURVEY OF SCIENCE.**

The survey course is required for all students. It provides an understanding of the meaning, method, development, and significance of Science. Scientific subjects of increasing world-importance, such as atomic energy, rocketry, and satellites, will be stressed. The essentials of astronomy, geology, meteorology, and evolution will be included. Fall, spring; three recitations weekly. Credit, 6 semester hours.

METHODS**EDUCATION 355. TEACHING 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, and conferences. Spring; six recitations weekly, half semester. Credit, 3 semester hours.

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