

VOL. V

NO. 1

PEMBROKE
STATE
COLLEGE

PEMBROKE, NORTH CAROLINA

1963 - CATALOG - 1964

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.

VOL. V

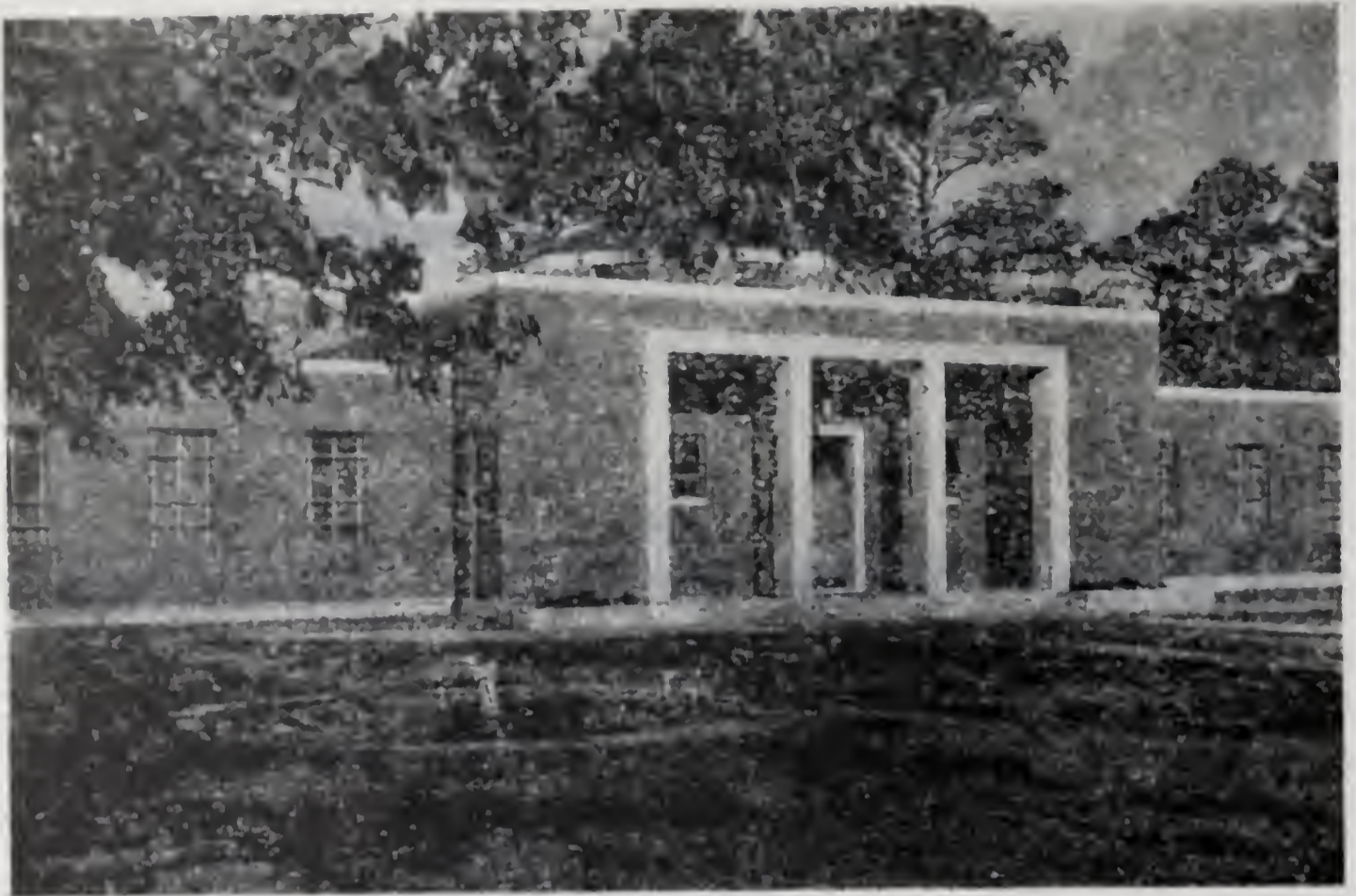
JUNE, 1963

NO. 1

Pembroke State College

PEMBROKE, NORTH CAROLINA

1963—CATALOG—1964



SAMPSON HALL
Administration and Library



LOCKLEAR HALL
Science

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CALENDAR FOR 1963

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

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					1	2	3			1	2	3	4	5	1	2	3	4	5	6	7
2	3	4	5	6	7	8	4	5	6	7	8	9	10	6	7	8	9	10	11	12	8	9	10	11	12	13	14
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23	24	25	26	27	28	29	25	26	27	28	29	30	31	27	28	29	30	31	29	30	31						

CALENDAR FOR 1964

JANUARY							APRIL							JULY							OCTOBER						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
			1	2	3	4				1	2	3	4				1	2	3	4					1	2	3
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26	27	28	29	30	31	26	27	28	29	30	26	27	28	29	30	31	25	26	27	28	29	30	31				

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

CALENDAR FOR 1965

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

BOARD OF TRUSTEES

REV. L. W. JACOBS, *Chairman*

EDWARD L. WILLIAMSON, *Vice-Chairman*

LESTER BULLARD

HARRY W. LOCKLEAR

STEVE HAMMONDS, JR.

ELMER T. LOWRY

JAMES E. HILLMAN

ZEB A. LOWRY

CHARLES HOSTETLER

RAYMOND B. MALLARD

HAL LITTLE

ASHLEY MURPHY

ADMINISTRATIVE AND OTHER OFFICERS

ENGLISH E. JONES.....*President*
WARREN I. SMITH.....*Dean of Faculty*
JAMES B. EBERT.....*Administrative Assistant to the President
and Dean of Student Affairs*
WILLIAM S. MASON.....*Business Manager*
JOHN L. CARTER.....*Registrar*
KENNETH G. KERSH.....*Dean of Men*
REBA M. LOWRY.....*Dean of Women*
DR. HERBERT G. OXENDINE.....*Director of the Summer Session and
Director of Student Teaching*
MARJORIE KANABLE.....*Librarian*
FRANCES CARNES.....*Assistant Librarian*
BERTEEN PRINE.....*Secretary to the President*
ELAINE FAYE JACOBS.....*Secretary to the Deans*
CHRISTINE C. LOCKLEAR.....*Cashier and Secretary to the Business Manager*
INEZ B. FREEMAN.....*Bookkeeper*
ESTHER D. MAYNOR.....*Secretary to the Registrar*
JUANITA O. LOCKLEAR.....*Secretary to the Librarian*
FLOWERS SAMPSON.....*College Dietitian*
HORACE BURNETTE.....*Superintendent of Buildings and Grounds*
MARGARET BRITT.....*College Nurse*

CALENDAR

1963-64		1964-65
Sept. 16	Fall Semester Begins	Sept. 14
Sept. 16-20	Freshmen Orientation & Registration, 8:30 A.M.	Sept. 14-18
Sept. 23	Registration of Upperclassmen 8:30 A.M.	Sept. 21
Sept. 24	8:00 A.M. Classes will begin	Sept. 22
Sept. 30	Last Day to Register for Full Load of 16 Hours Credit	Sept. 28
Nov.	Alumni Day-First Basketball Game	Nov.
Nov. 28		
Dec. 2	Thanksgiving Holidays	Nov. 26-30
Dec. 20	Christmas Holidays	Dec. 18
Jan. 6	Classes Resumed at 8:00 A.M.	Jan. 4
Jan. 6-10	Pre-Registration for Spring Sem.	Jan. 5-8
Jan. 20-24	Fall Semester Examinations	Jan. 18-22
Jan. 24	Fall Semester Closes	Jan. 22
Jan. 27	Spring Semester Begins	Jan. 25
Feb. 3	Last Day to Register for Full Load of 16 Hours Credit	Feb. 1
March 20	Spring Holidays	April 9
March 31	Classes Resumed at 8:00 A.M.	April 20
May 25-29	Spring Semester Examinations	May 24-28
May 31	Baccalaureate Sermon	May 30
June 1	Graduation Exercises	May 31
June 8	Summer School Begins	June 7
July 20	2nd Summer Session Begins	July 19

FACULTY

- BEALL, LEE M., B.A., M.Ed., Ed.D. 1961.....*English*
 B.A., American University; M.Ed., University of Maryland; Ed.D., American University
- BOHRER, FREDERICK, B.A., M.A. 1959.....*Music*
 B.A., Wagner College; M.A., New York University
- BRAILSFORD, MARTHA LEE, B.S., M.A. 1962.....*Physical Education*
 B.S., Lander College; M.A., George Peabody College
- CAMPBELL, BETTY JEAN, B.S. 1958.....*Home Economics*
 B.S., Winthrop College; M.S., W.C.U.N.C. (Pending)
- CARNES, FRANCES, B.A., M.S. 1959.....*Library Science*
 B.S., University of Texas; B. S., Columbia University; M.S., Columbia University
- 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
- CHAMBERS, SAMUEL T., B.S., M.A., Ph.D. 1962.....*History*
 B.S., John Hopkins University; M.A., Ph.D., Georgetown University
- COFFLAND, HARLEY S., A.B., M.A. 1963.....*Education*
 A.B., University of Redlands, California; M.A., San Jose State College
- CONLEY, CECIL, B.S., M.S., Ph.D. 1963.....*Science*
Chairman of the Division of Science and Mathematics
 B.S., M.S., University of Kentucky; Ph.D., North Carolina State College
- DEAN, WILLIAM HOWARD, B.S., M.A. 1960.....*Physical Education*
 B.S., East Carolina College; M.A., East Carolina College
- 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
- DUDLEY, ERNEST NELSON, B.S., M.A. 1962..... *Art*
 B.S., M.A., East Carolina College
- EAPEN, K. C., A.B., M.A., Ph.D. 1962.....*English*
 A.B., University of Travacore; M. A., University of Benares (India); Ph.D., University of Colorado
- EBERT, JAMES B., B.S., M.A. 1956.....*Science*
 B.S., Louisiana State University; M.A., Duke University
- EDWARDS, PATRICIA A., B.A., M.A. 1963.....*English*
 B.A., Tusculum College; M.A., University of Mississippi
- ENTREKIN, JOHN L., B.S., M.Ed. 1962.....*Psychology*
 B.S., M.Ed., Mississippi Southern College
- FARMER, JAMES S., A.A., A.B., M.A. 1957.....*English*
 A.A., Mars Hill; A.B., M.A., University of North Carolina
- FINN, RALPH I., B.M., M.A. 1962.....*Director of Band*
 B.M., New England Conservatory of Music; M.A., Appalachian State Teachers College

- FLEMING, SANDRA MAXINE, B.S., M.A. 1963 *Physical Education*
 B.S., M.A., Appalachian State
- FREIWIRTH, PAUL K., Th.B., M.A., Ph.D. 1962 *History*
 Th.B., Atlantic Union; M.A., Potomac University; Ph.D., Maryland University
- GLUMAC, DUSAN T., B.D., M.D., M.Ag. 1963 *Science*
 B.D., Karlovic; M.D., University of Belgrade; M.Ag., University of Belgrade (Yugoslavia)
- HARRISON, W. DOUGLAS, B.A., M.A. 1962 *Science*
 B.A., North Texas State College; M.A., Stephen F. Austin State College
- JACKSON, DENNIS L., B.S., D.V.M. 1962 *Agriculture*
 B.S., N. C. State; D.V.M., University of Georgia
- HORTON, JAMES M., JR., B.S., M.A. 1963 *Science*
 B.S., M.A., East Carolina College
- JACOBS, JAMES A., B.S., M.Ed. 1937 *Mathematics*
 B.S., Murray State College; M.Ed., Duke University
- JONES, ENGLISH, B.S., M.S. 1957 *President*
 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
- KERSH, KENNETH, G., A.B., B.S., M.Ed. 1961 *Education*
 A.B., B.S., Arkansas Poly. College; M.Ed., University of Arkansas
- LAUFFER, RICHARD A., A.B., M.Ed. 1956 *Physical Education*
 A.B., Duke University; M.Ed., University of North Carolina
- LIVERMORE, MARY, A.B. (Emeritus) *Religion*
 A.B., Adelphi College; Graduate Study, N. Y. School of Social Work, Columbia University
- LOWRY, REBA M., A.B., M.A. 1932 *Dean of Women and Languages*
 A.B., Maryville College; M.A., University of Tennessee
- MARTIN, I. RUTH, A.A., 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
- MILLER, MAX, B.A., M.A. 1962 *History*
 B.A., University of Colorado; M.A., University of Colorado
- MONKS, GEORGE R., A.B., M.A., Ph.D. 1961 *History*
 B.A., University of Michigan; M.A., University of Michigan; Ph.D., University of Michigan
- NORTHUP, FRANK B., B.S., M.A. 1962 *Mathematics*
 B.S., M.A., Appalachian State Teachers College
- OXENDINE, CLIFTON, A.B., M.A. 1939 *History and Social Science*
 A.B., McKendree College; M.A., George Peabody College for Teachers
- OXENDINE, HERBERT G., B.S., Ed.M., Ed.D. 1953 *Education*
 B.S., Western Carolina Teachers College; Ed.M., Ed.D., Boston University
- PIERLE, ROBERT C., A.B., M.A. 1962 *English*
 A.B., Hampden-Sydney College; M.A., Duke University

- RANSEL, BARBARA ANN, B.S., M.Ed. 1961..... *Mathematics*
 B.S., Indiana State College; M.Ed., Indiana State College
- 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,*
Chairman of Division of Fine and Applied Arts
 B.S., M.A., Ohio State University
- RODRIGUEZ, JOSE RAMON, B.A., LL.D. 1962..... *Languages*
 B.A., De La Salle (Cuba); LL.D., University of Havana, (Cuba)
- SHARPE, MARY, A.B., M.A. (Emeritus)..... *Primary Critic Teacher*
 A.B., Winthrop College; M.A., Columbia University
- SILVER, JANIE BRITT, B.S., M.A., Ed.D. 1960..... *Education, Chairman*
of Division of Education
 B.S., University of Georgia; M.B.A., University of Georgia; Ed.D., University of Mississippi
- SILVER, SAMUEL AUGUSTUS, B.S., B.B.A.,
 LL.B., LL.M. 1961..... *Business Administration*
 B.S., N. C. State College; B.B.A., University of Georgia; LL.B., National University;
 LL.M., National University
- SMITH, WARREN IRVING, B.A., M.A., Ph.D. 1960..... *Dean of Faculty and History*
Chairman of Division of Social Science
 B.A., University of Alabama; M.A., University of Alabama; Ph.D., University of Alabama
- THOMPSON, NORMA JEAN, B.S. 1963..... *Business Education*
 B.S., Pembroke State College; M.A., Appalachian State (Pending)
- WELLS, ANN REAVES, A.B., M.A. 1960..... *English*
 A.B., Coker College; M.A., East Carolina College
- WOLF, VICTOR WILLIAM, B.A., M.A. 1958..... *Business and Economics*
 B.A., M.A., Norges Handelshoyskole, Bergen (Norway)
- WOODY, HOWARD, B.F.A., M.A. 1962..... *Art*
 B.F.A., Richmond Professional Institute; M.A., East Carolina College

FACULTY COMMITTEES—1963-64

(The first person named serves as Chairman)

Admissions: John L. Carter, James S. Farmer, Kenneth G. Kersh, Reba M. Lowry, Clifton Oxendine.

Arts Forum: Elma Ransom, Lee M. Beall, Frederick Bohrer, Robert C. Pierle, Ann F. Wells.

Athletics: Richard A. Lauffer, Sandra Fleming, William H. Dean, Dennis F. Jackson, I. Ruth Martin, Frederick Bohrer.

CATALOG: John L. Carter, James S. Farmer, Frank Northup, Janie B. Silver, Victor W. Wolf.

Chapel: I. Ruth Martin, Frederick Bohrer, Otis Carnes, Clifton Oxendine, George S. Monks.

Curriculum: Warren I. Smith, Cecil Conley, James Farmer, James A. Jacobs, Elma Ransom, Howard Woody, Kenneth Kersh, Herbert G. Oxendine.

Discipline: James B. Ebert, Max Miller, Reba M. Lowry, Janie B. Silver, Warren I. Smith.

Display: Howard Woody, Betty Campbell, Frances Carnes, Dennis L. Jackson, Marjorie Kanable, I. Ruth Martin.

Guidance: Janie B. Silver, James B. Ebert, John L. Entrekin, Kenneth G. Kersh, I. Ruth Martin, Herbert G. Oxendine.

Library: Marjorie Kanable, Frances Carnes, Harley Coffland, Robert C. Pierle, Warren I. Smith.

Registration: John L. Carter, Samuel T. Chambers, Dennis L. Jackson, Cecil Conley, Herbert G. Oxendine.

Scholarship & Student Assistance: James B. Ebert, Howard Dean, Nelson Dudley, Patricia A. Edwards, Adolph Dial, James S. Farmer, Ralph Finn.

Social: William Howard Dean, Betty Campbell, Otis Carnes, Adolph Dial, Barbara Ransel, Victor Wolf.

Teacher Education: Herbert G. Oxendine, Frederick Bohrer, Adolph Dial, James S. Farmer, Kenneth Kersh, Barbara Ransel, Andrew Ransom, Janie B. Silver.

Textbook: James B. Ebert, Otis Carnes, Ann F. Wells, Samuel Silver.

Class Counselors: Freshman, Kenneth G. Kersh; Sophomore, Victor W. Wolf; Junior, Barbara Ransel; Senior, Reba M. Lowry.

Sponsors:

Baptist Student Union	James S. Farmer
Newman Club	Barbara Ransel
Wesley Fellowship	Marjorie Kanable
Westminister Fellowship	Cecil Conley
Student Government Association	James B. Ebert
Dramatics	Reba Lowry
The Indianhead	Lee M. Beall
College News	I. Ruth Martin
Music Activities	Elma Ransom
College Book Store	James B. Ebert
Visual Education	Andrew Ransom
College Band	Ralph Finn
Cheerleading Squad	Margaret Britt

PEMBROKE STATE COLLEGE

(Founded in 1887 by the Legislature of North Carolina)

GENERAL INFORMATION

HISTORICAL SKETCH

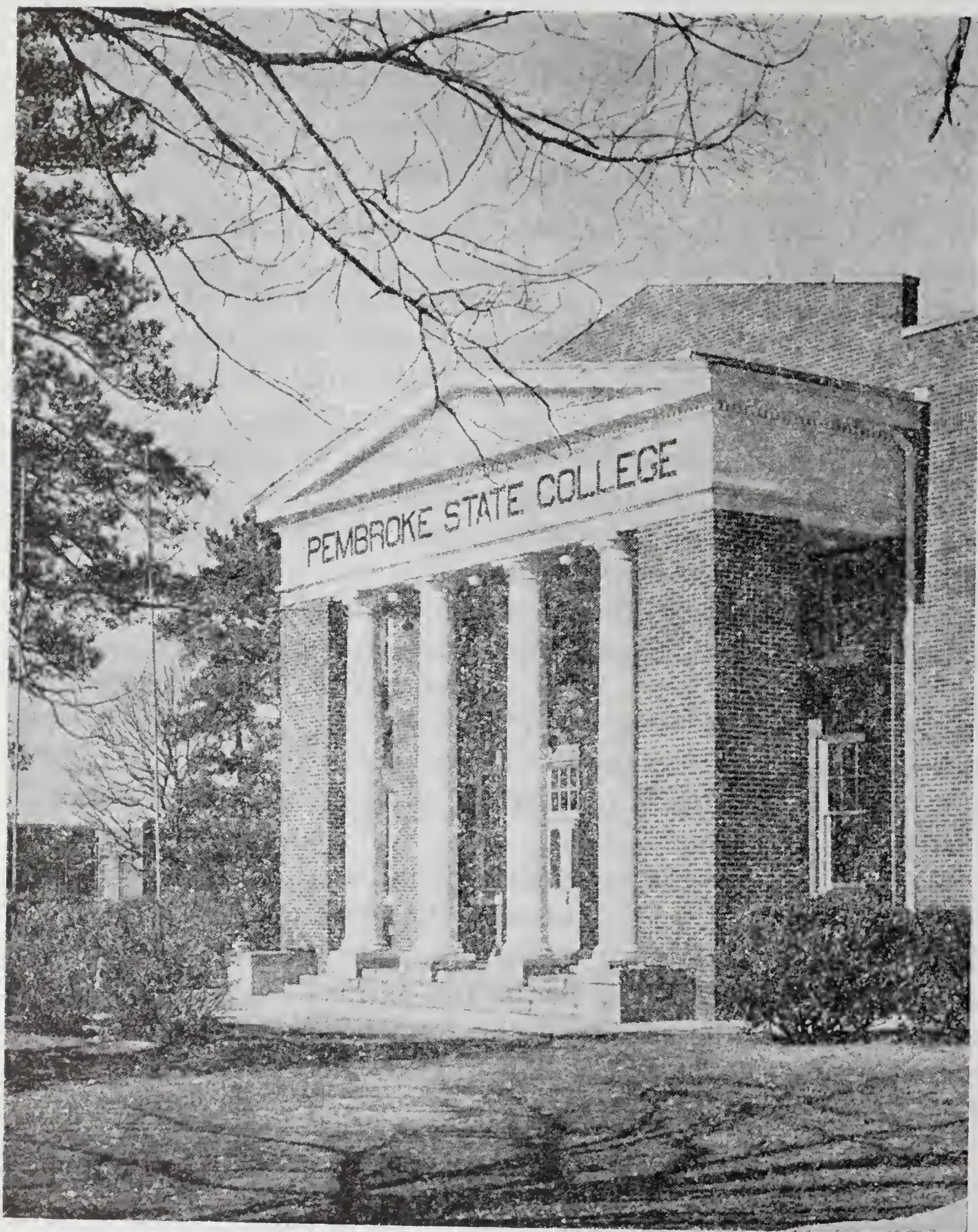
In 1887, under the influence of Honorable Hamilton McMillan, representative from Robeson County, a law was passed providing for the establishment of a Normal School for the Indians of Robeson County. The law stipulated that only those above fifteen years of age might attend, and then only if they signed 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 appeal 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, the Reverend O. R. Sampson deserves special mention. Of all the friends and helpers he touched the institution at more points, knew it more intimately, and served it longer as teacher and board member than any other man.

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



OLD MAIN

L. R. Varsar of Lumberton, the Legislature appropriated \$75,000.00 for the erection of a 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 Institutions 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 Legis-

lature 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 1960-61 session, Pembroke State College registered 550 students for the regular session and the summer session totaled 425 persons. The rate of growth established Pembroke as the fastest growing college in the state, a fact substantiated by newspaper stories throughout North Carolina.

Under the administration of Dr. Walter J. Gale tremendous changes took place. A dormitory to house 134 men was built, a new cafeteria was constructed, many classrooms and buildings renovated, and paved parking space was provided. The student body was also greatly increased. Also, during Dr. Gale's administration the faculty was not only "greatly increased" but "strengthened" as well.

In September of 1962, Dr. Gale resigned; Mr. English E. Jones, who was serving in the capacity as Administrative Assistant to the President, was elected Interim President. In June, 1963, at a meeting of the Board of Trustees Mr. Jones was appointed President, thus removing the "Interim" from the title.

LOCATION

Pembroke State College is located on a campus of 72 acres, and part of the campus is within the limits of the town for which it is named. Pembroke, a community of almost 3,000 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 Air-line Railway.

THE PURPOSE OF THE COLLEGE

Pembroke State College is an accredited state-supported liberal arts college, maintaining a four-year curriculum leading to the Bachelor of Arts and Bachelor of Science degrees. As such the college has a three-fold purpose: (1) to provide a standard liberal arts education; (2) to provide the necessary professional training for prospective teachers; and (3) to provide vocational training for students of the immediate community.

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 autonomous as it functions under the Board of Trustees appointed by the Governor.

BUILDINGS AND GROUNDS

The campus of seventy-two 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, the infirmary and class rooms of the following departments: Business, Languages, English, Philosophy and Religion, Social Sciences, and Education.

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, a spacious building, modern in all details, meets all requirements for indoor sports and classes in phy-

sical 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 of faculty, 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, 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.

DORMITORIES:

Jacobs Hall, completed in 1961, is a modern structure housing 134 men in suites of four rooms each. These facilities are superior in every respect, caring for every need of the student, including free automatic washing and drying machines.

The Carolina Inn, 1940, housing 34 women, was acquired by the college for dormitory purposes in 1959. This building is located in downtown Pembroke; however, regular bus service is provided for the students by the college bus.

On our campus we have two buildings where we house women—**Britt Hall** and **McMillan Hall**. Sixteen women are housed in each

of these buildings; making a total of 32 women living on campus.

A **Bookstore** in the Student Center is maintained under student management for the convenience of the student body.

The **Cafeteria**, 1959, provided 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.

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 33,500 readable and authoritative books, on all subjects of curriculum as well as books of general interest. The collection, catalogued 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 and baseball teams, play 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 Inter-collegiate 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.

The Women's Recreation Association is open to all college women. The program includes such activities as basketball, bowling and volley ball which provide relaxation and fellowship during free hours.

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 Phi Epsilon Chi, a National Honorary Fraternity, is open to students having a 2.5 average or better throughout their undergraduate college career. Students currently enrolled hold a probationary membership, full membership being attained at graduation. Scholarship is encouraged through tutoring of students needing assistance.

The Art Club offers opportunities for students majoring in Art to work in a variety of conditions on or off campus. Regularly scheduled weekend trips around Robeson County are planned and directed by the faculty sponsor.

The Home Economics Club is an active organization composed of young women studying in this field. In addition to individual

home economics projects the group caters and hosts certain college functions.

The Math Club is open to all students interested in the subject. Members actively participate in advanced mathematical problems both for pleasure and greater proficiency in various aspects of Math.

The Spanish Club provides additional practice and pleasure in conversation and reading beyond formal instruction. Regularly planned programs are held each month.

The Circle K. Club sponsored by the Kiwanis Club of Pembroke is a service Club with student membership. This organization provides volunteer services to the college and to the student body as well as experience in leadership and responsibility.

The Young Democrats Club is a campus organization which conducts numerous forums and discussions of current political problems. This Club is open to all interested students and faculty who care to participate.

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

The Baptist Student Union, Wesley Fellowship, Westminster Fellowship, and Newman Club have active organizations on the college campus. These 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 on the campus, the organizations attend state and southwide conferences and encampments.

The Young Women's Auxiliary is affiliated with the Baptist Church. This is a missionary group which conducts study groups and related projects on the campus and in the community.

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, the college newspaper, is published regularly by the students 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 who hold a 1.2 average.

There are several work stipends, in various capacities on the campus, which give employment to students who have financial difficulties.

The **National Defense Student Loan Program**, authorized by the National Defense Act of 1958, provides extensive funds for particularly capable students interested in teaching. Interested students should write directly to the President, including a high school transcript in their first letter.

Athletic Scholarships, in limited number, 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 on your first letter.

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

SUMMER SEMESTER

The Summer Semester is an integral part of the college year. It consists of two sessions. The first session is six weeks in length, while the second session is five weeks. By attending both sessions, it is possible for a student to earn a maximum of 14 semester hours of credit. Credit earned during the Summer Semester is equal in value to that earned at any other time.

A student who desires to accelerate his program may complete the work for a degree in three years by attending three Sum-

mer Semesters, and six regular semesters. (See three year program)

Formal admission to Pembroke State College is not required for enrollment in the Summer Semester. However, credit for summer work will not be counted towards a degree at Pembroke State College until a student qualifies for admission in accordance with the regular procedure. A student who is currently enrolled at Pembroke State College, and plans to attend the Summer Semester, should pre-register with his advisor at the time designated by the Director of the Summer Semester. Undergraduates in other colleges or universities, who seek transfer credits, should apply directly to the Director of the Summer Semester, Pembroke State College, Pembroke, North Carolina. A student from another college or university should have written permission from his Registrar or Academic Dean.

The Summer Semester will include courses in the following fields:

Art	Home Economics
Biology	Mathematics
Business Administration	Music
Business Education	Philosophy
Chemistry	Physical Education
Elementary Education	Physics
English	Political Science
Foreign Language	Psychology
Geography	Religion
Health Education	Secretarial Administration
History	Sociology

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, 634, 87-815, and 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 634 (Dependents of Veterans)

This Law provides for educational assistance for the child of a Veteran who died as the result of a service connected disability. Dependents entitled to this assistance should apply to the V. A. Regional Office in his area. Dean Herbert G. Oxendine, Veteran Advisor, will assist in completing the forms necessary to establish eligibility. Students who qualify under this Law should contact the Veteran Advisor as soon as his application to Pembroke State College has been accepted.

Public Law 87-815

This Law provides rehabilitation training to Veterans who incurred a disability as a result of service in the Armed Forces during the induction periods between the end of World War II and the Korean Conflict and since January 31, 1955, to the present.

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

1. Students are admitted to Pembroke State College upon satisfactory completion of a four year course in an accredited secondary school and meeting the following additional requirements.
2. Each candidate for admission must have had the College Entrance Examination Board and provide the college with his score before he will be considered. A student must have a minimum total score of 650 on the College Entrance Examination Board.
3. Upon entering Pembroke State 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.
4. Applicants coming directly from high school for admission must have official transcripts of school work sent directly to the Registrar. In the case of applicants for admission by transfer from other colleges an official record of high school must be presented as well as an official transcript of all college work done. Transfer applicants with fewer than twenty-four semester hours credit and twenty-four quality points must meet all the entrance requirements of freshmen, including satisfactory scores on the College Entrance Examination Board test. No grade below "C" will be accepted as transfer credit. Honorable dismissal from the last college attended is required.
5. A non-refundable application fee of \$5.00 must accompany the student's initial application for admission to Pembroke State College.
6. Inquiries for information about entrance, courses of study, expense, rooms, etc., should be made to the Registrar.

TRANSFER STUDENTS

In order to transfer from another college or university, a student must be eligible, both socially and academically, to re-enter his previous college or university.

Transfer applicants with less than 32 semester hours and 32 quality points must meet all the entrance requirements of Pembroke State College for a Freshman.

A transfer student must satisfactorily complete nine (9) semester hours in his **major field**, in order to be eligible for graduation. These hours may be included in his residence requirements.

Pembroke State College will not accept for credit any grade lower than a C on transfer credits. A transfer student must meet the curriculum requirements of the Pembroke State College catalog under which he enters.

A non-refundable application fee of \$5.00, also a health certificate must accompany the student's initial application for admission to transfer to Pembroke State College.

Not more than six semester hours of elective courses earned through correspondence from approved institutions may be applied toward a degree at Pembroke State College. Only elective courses may be earned by correspondence. Special permission is required. If in an emergency, a student wishes to take a required course by correspondence, he must secure permission from his advisor, the Registrar, and the Dean, in the order listed.

No action will be taken on an application until an official transcript(s) is on file in the Registrar's Office. This is a responsibility of the student.

Applications for the fall semester will not be accepted after August 15. Applications for the spring semester will not be accepted after January 15.

ADVANCED STANDING

Freshmen: Any freshman who scores a total score of 850 or above on the CEEB test and has a B or better average in the academic courses taken in high school, may make written application to the Dean for a waiver on particular freshmen courses. The student then must take an achievement test in the course which he wishes waived. The results of these tests will be presented to the Department concerned. The Department Chairman

along with the Dean and Registrar shall determine if the achievement is sufficiently high enough for the course to be waived. If the decision is to grant the waiver, the student will not be given credit for the course, but will be allowed to take advanced courses in the same field.

Upper Classmen: Upon recommendation from a Department Chairman, a student who shows exceptional achievement in any subject, due to experience, etc., may take a proficiency examination in that subject, administered by the Department. In such a case the Department Head should request in writing to the Dean that he be given permission to give the student the proficiency examination. If the student satisfactorily passes the examination, he may register for and receive residence credit immediately for the course(s).

REGISTRATION

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.

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.

Students who wish to Audit a course must pay the regular fee required for credit. Auditing a course only gives the student the privilege of attending classes.

A THREE YEAR PROGRAM LEADING TO A DEGREE

Pembroke State College initiated a three year program leading to a Bachelor's degree in June, 1962. Applicants should arrange a conference with the Dean of the College before applying to enter this program. A suggested curriculum will be found elsewhere in this catalog.

STUDENT'S LOAD

The normal load is 17-18 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.

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

A Freshman must pass a minimum of 24 semester hours and earn a minimum of 24 quality points during his first two semesters in order to remain in College. If a student fails to meet these requirements, he must attend Summer Session and make up the deficiency before he will be eligible for readmission to the regular session. After the Freshman year, or first two semesters, a student must pass 12 semester hours in any semester and earn 12 quality points in order to remain in College. If he fails to earn 12 semester hours and 12 quality points in any semester, he will be placed on academic probation during the next semester he is in attendance. To remove this probation he must earn a 1.0 average on all work taken during the probation semester. If a student is forced to withdraw from College due to academic deficiency, he must apply in writing to the Dean of the College to restore eligibility to re-enter College. If his application is approved, he must make up this deficiency in the Summer Session of this Institution or some other Institution approved by the

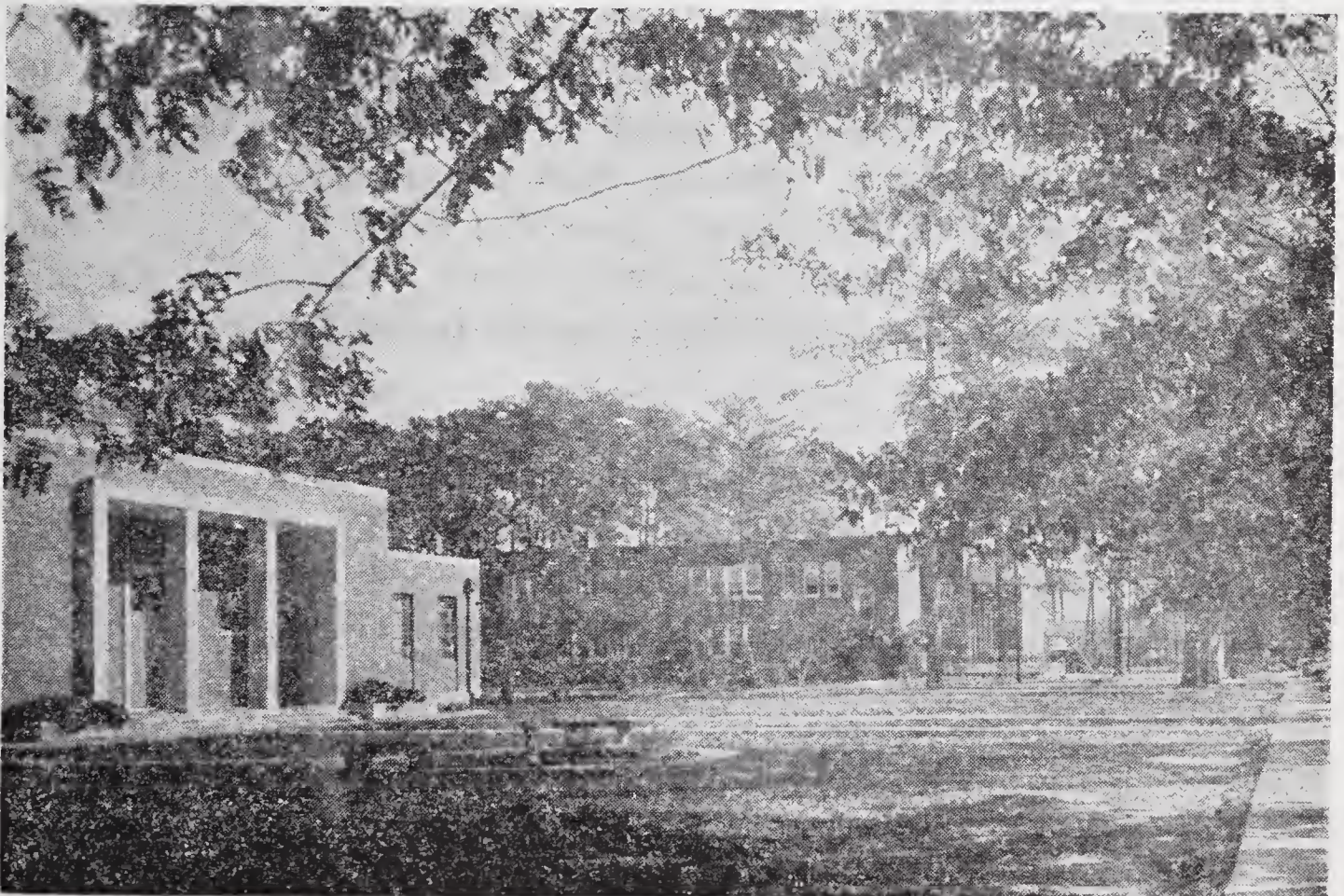
Dean. Under no condition will a student dismissed for academic deficiency, or a student who withdrew while deficient, be permitted to re-enter Pembroke State College during the regular academic year without having first earned an average of 1.0 in at least 12 semester hours of approved study, during the Summer Session at this Institution.

CLASS ATTENDANCE

1. Students shall be allowed the number of unexcused absences in each course equal to the number of semester hours carried by that course. Students whose names appear on the Dean's List shall have unlimited class cuts. However, any professor has the unquestioned right to deny the privilege of unlimited cuts in his class for any reason whatsoever.

When a student is absent from the LAST meeting of a class PRECEDING a holiday, or from the FIRST meeting FOLLOWING a holiday, it shall be counted as two unexcused absences, unless an excuse is secured from the Dean. Students with unlimited cuts are exempt from this regulation.

2. A student is automatically suspended from a course when the number of unexcused absences exceeds the number of semester hours credit carried by the course. A grade of "F" will be given for the course.



3. No credit will be given for any course if the total number of absences, either excused or unexcused, exceeds twenty-five percent of the scheduled class meetings. Special consideration *may* be given in cases where college representation is involved. Students with unlimited cuts are exempt from this regulation.
4. Instructors will keep an accurate record of student absences in their roll books according to dates. A student's name will be filed with the Dean of Men or Dean of Women *only* when the number of a student's *unexcused* absences is equal to the number of semester hours credit carried by the course.
5. Excuses for absences are granted by the Dean of Men and The Dean of Women under the following conditions:
 - a. Illness. These excuses may be obtained from the respective Dean by presenting an excuse slip from the College Nurse or a certificate from a doctor.
 - b. Official representation of the college. Such absences must be approved in advance and should be submitted to the respective Dean 24 hours in advance of the absence.
 - c. Death in the immediate family.
 - d. Personal emergencies when certified by the respective Dean. These excuses should be secured in advance whenever possible.
6. Request for excuse must be made to the respective Dean by 4:00 P.M. of the 2nd Day after student returns to campus following an absence. Excuse must be presented to the appropriate professor no later than the next time the class meets after the excuse has been secured. Failure to comply with the above procedures may result in unexcused absence (s).
7. No opportunity will be given the student to make up an announced test with an unexcused absence. The individual professor reserves the right to permit or deny makeups for an unannounced test which was missed on unexcused conditions. This regulation also applies to students with unlimited cuts. 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. A student who enters a class late *must* report to the professor at the close of that period and give the reason for being late. If acceptable, the professor shall count the student as being present. If not acceptable, the professor shall report it as an absence. Under no circumstances should the student interrupt class procedure by his late entrance. Deans *will not* excuse tardies.
9. Attendance at assembly exercises is required on the Freshman and Sophomore levels and is optional on the Junior and Senior levels. ALL students are held responsible for announcements made at assembly programs.

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	Fewer 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 prior to midterm.

A grade of WF indicates that the student has been permitted to drop a course while his work was below passing standard. A course dropped after midterm automatically receives an F.

QUALITY RATING

In order to graduate in any of the college curricula, a student must receive a total number of quality points 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.

Those students who have attained a minimum standing of 2.4 and are carrying less than 15 semester hours will receive *Honorable Mention*.

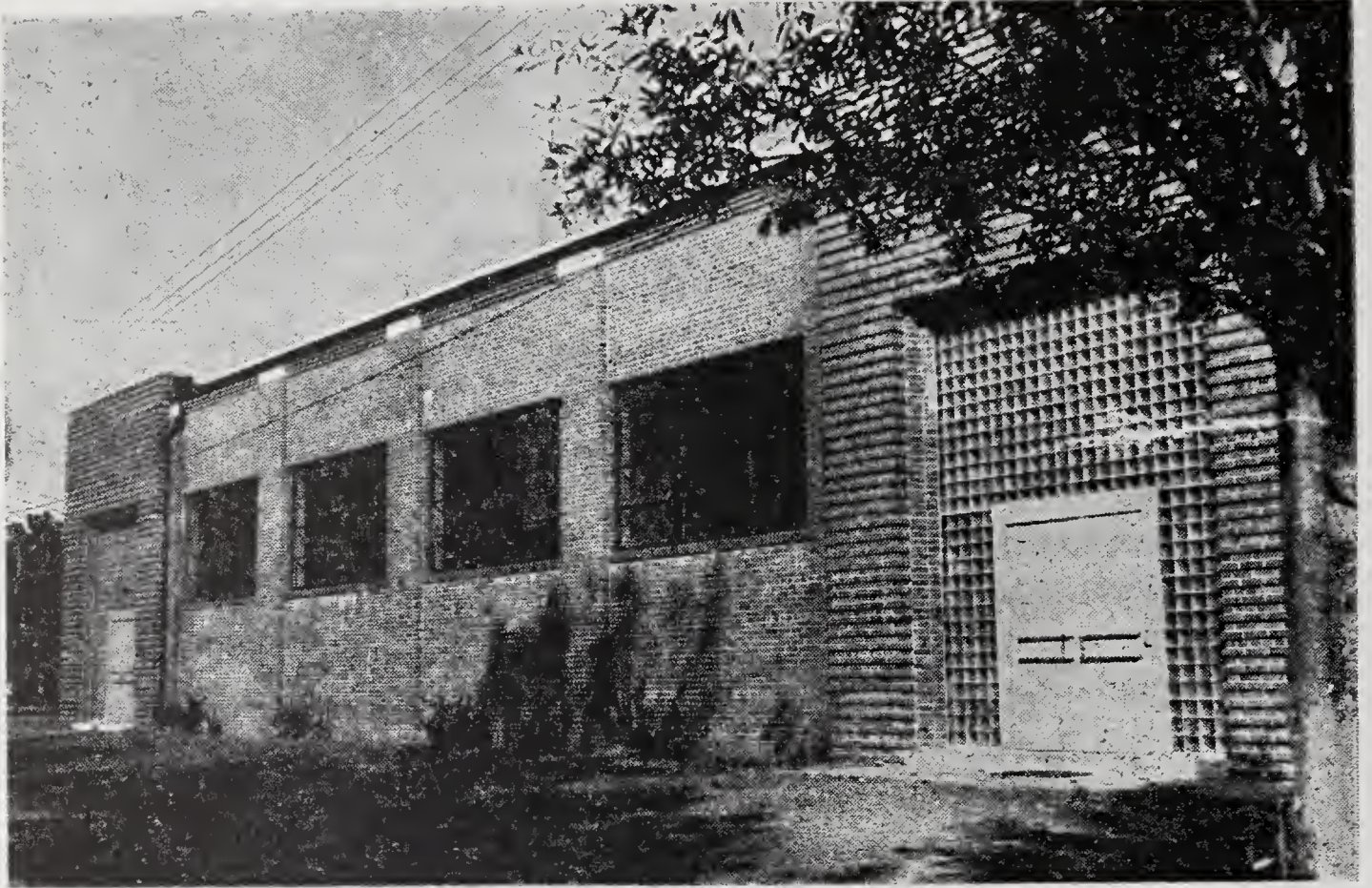
Gold medals are presented to students for outstanding work in a number of departments during the annual commencement program. Each year excellent work is recognized in the Art, Dramatics, Mathematics, Music, and Physical Education departments by such medals. The faculty selects one graduate to receive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

DISCIPLINE

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.



ARTS BUILDING



GYMNASIUM

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, in 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 \$187.00 per year; all costs for a resident should be less than \$600.00, including books, fees, tuition, etc.

SCHEDULE OF EXPENSES

Registration and Library Fee	\$ 10.50	Per Sem.
Tuition: Residents of North Carolina	50.00	Per Sem.
Non-residents of North Carolina	150.00	Per Sem.
If less than 12 hours	5.00	Per Sem. Hr.
Activity Fee (distributed as follows)	16.00	Per Sem.
Athletic Fee	6.00	
Art Series	3.00	
Dramatics50	
Infirmery Care	1.00	
Student Government	1.00	
Newspaper50	
Yearbook Fund	4.00	
Linen Service	10.00	Per Sem.
Health and Accident Insurance	7.00	Per Sem.
Medical Fees	3.00	Per Sem.
TOTAL: In-State Resident Student's academic fees	\$ 84.50	
Out-of-State Resident Student's academic fees	184.50	
Room Rent in Dormitories (for each student)	45.00	Per Sem.
Board	150.00	Per Sem.
Dormitory Deposit (refundable)	25.00	
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.
Matriculation Fee (Seniors only) Cap & Gown, Diploma, etc.	6.50	
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	
Board (six weeks, Monday through Friday) ..	45.00	

ROOM AND BOARD

Pembroke State College provides adequate dormitory housing for both men and women. Each room is arranged to accommodate two occupants.

Application for rooms in the dormitories should be directed to the Registrar of the College. A reservation fee of \$25.00 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 graduation, or termination, of College training, less charges for any breakage and damage. 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 a cost of \$300.00 per academic year.

STUDENT INSURANCE

The College has a contract with a major Insurance Company that provides benefits at low group premiums. Students will be protected beginning 48 hours before the official opening of a regular school session and ending 48 hours after the official closing of a regular school session. The cost of this insurance is \$7.00 per semester for each student, health and accident coverage.

Expenses include: X-ray, laboratory costs, hospital bills, nurses, physicians, and surgeons' fees. The limit for Dental expense is \$250.00. The plan covers 24 hours a day, whether at school, home, or while traveling between school and home.

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
Foreign Languages
History

Mathematics
Science
Social Studies

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 Education	Home Economics
Business Administration	Music Education
Business Education	Physical Education
Elementary Education	Secretarial Administration

1. Declaration of Major and Minor

During the Spring semester of the Freshman year each student must indicate to the Registrar a major subject and a minor subject in which he desires to work during his Sophomore, Junior and Senior years.

A major shall consist of thirty semester hours above the Freshman year 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.

2. Extension and Correspondence Courses Accepted

Not more than thirty two (32) semester hours of credit earned through Extension and Correspondence Courses may be counted for a degree. Only six semester hours earned through Correspondence may be counted toward credit for a degree.

3. Required Resident Work

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 shall be done at this college. A candidate for a degree must complete 12 semester hours of Junior and/or Senior courses in his major field at this college.

4. Diplomas Awarded in Person

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.

5. A Comprehensive English Proficiency Test Required

A Comprehensive English Proficiency Test must be taken and passed before graduation. This test is to be given in the first two weeks of the Spring semester of the Junior year of a given class. Transfer Seniors will take the test at the same time. The test will cover the following areas: comprehension in reading, precis writing, theme writing (300 words minimum), and a dictated spelling list.

Should a student fail to pass this test he will be advised to enroll in E105, as an auditor, immediately, if available, or in the Summer Session following, or in the Fall semester of his Senior year, or obtain the assistance of an approved tutor, before being allowed to take the Test when next given. Seniors who fail to pass the Test may, after obtaining assistance of an approved tutor, petition for another Test to be given the first week in the following May.

MINIMUM GENERAL EDUCATION REQUIREMENTS FOR THE A.B. OR B.S. DEGREE

Art 205	3 semester hours
Biology 101-02 or Chemistry 211-12 or Physics 311-12 or Geology 359-60	8 semester hours
English 111-12	2 semester hours
English 105-06; 205-06	12 semester hours
Foreign Language (A. B. Requirement)	Completion of Second College Year
History 105-06; 205-06	12 semester hours
Mathematics 105-06; or 107, 108	6 semester hours
Music 230	3 semester hours
*Philosophy 300	3 semester hours
Physical Education 101-02	2 semester hours
*Psychology 201	3 semester hours
**Science 105	3 semester hours

MINIMUM SUBJECT MATTER PREPARATION FOR THE A.B. OR B.S. DEGREE (Secondary Education)

Major field	30 semester hours
Minor field	18 semester hours

Basic Freshmen courses will not be counted in the major or minor requirements. No course may be used in both the major and minor fields.

*Elementary majors may take either Phil. 300, Psy. 201, or Religion (312 or 412).
**A student majoring or minoring in Science is not required to take this course. It may not be counted in requirements.

**MINIMUM PROFESSIONAL EDUCATION
REQUIREMENTS FOR CERTIFICATION**

(Elementary Education)

Secondary Majors:

Ed. 202, Ed. 416, Ed.—(Subject Methods), Ed. 431, Ed. 450,
Psy. 202 and Psy. 304. 22 semester hours

Elementary Majors:

Ed. 202, Ed. 413, Ed. 414, Ed. 415, Ed. 416, Ed. 421, Ed. 450.
Psy. 202 and Psy. 303. 28 semester hours

NOTE: A student must satisfactorily complete 136 semester hours in order to be certified to teach in the Public Schools of North Carolina.

A THREE YEAR DEGREE PROGRAM

Effective June, 1962, Pembroke State College instituted a three year program leading to a Bachelors Degree. The suggested programs are listed below.

It should be noted that the student desiring to embark on this program, designed to permit him to obtain his degree in three years, will find it necessary to attend twelve weeks of Summer School each of the three years. It is mandatory that the student follow the summer program without exception. Any student failing to follow the suggested curriculum will be disqualified; this action is necessary due to the limited number of students who are expected to be accepted for this program. **ONLY SUPERIOR STUDENTS ARE ADMITTED TO THIS NEW THREE YEAR PLAN.** Applicants should follow normal admission procedures and should write directly to the Dean of the College, for a personal conference relative to admission.

**SUGGESTED THREE YEAR CURRICULUM
FOR ELEMENTARY EDUCATION MAJORS**

**Summer Session
(Both Sessions)**

Courses	Semester and Credit
English 105-106, Composition -----	SS 6
History 105-106, American History -----	SS 6
	<hr/> 12

Freshman Year

Art 205, History and Appreciation of Art -----	3	0
English 111-112, Fundamentals of Speech -----	1	1
English 205-206, World Literature -----	3	3
History 205-206, World History -----	3	3

Mathematics 105-106, Fundamentals of Mathematics -----	3	3
Music 230, Introduction to Music -----	0	3
Physical Education 101-102, General Physical Education -----	1	1
Science 105, Survey of Science -----	3	
Electives -----	1-2	4-5
	<hr/>	<hr/>
	17-18	17-18

Summer Session

1st Session

Education 202, Introduction to Education -----	SS	3
Psychology 201, General Psychology -----	SS	3

2nd Session

English 371, Advanced Composition -----	SS	3
Psychology 302, Educational Psychology -----	SS	3
		<hr/>
		12

Junior Year

Art 309-310, Art in the Elementary School -----	2	2
Geography 301, Principles of World Geography -----	3	0
Geography 304, Cultural Regions of the World -----	0	3
Music 309-310, Basic Music for the Elementary School -----	2	2
Physical Education 311 Health for the Elementary School -----	3	0
Physical Education 316, Physical Education for the Elementary School -----	0	3
Political Science 301, Principles of American Government -----	0	3
Electives -----	7-8	4-5
	<hr/>	<hr/>
	17-18	17-18

Summer Session

Physics 311-312, or Chemistry 211-212, or Biology 101-102 -----	SS	8
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Senior Year

Student will take regular Senior Year.

**SUGGESTED THREE YEAR CURRICULUM
FOR SECONDARY MAJORS**

**Summer Session
(Both Sessions)**

Course	Semester and Credit	
English 105-106, Composition.....	SS	6
History 105-106, American History.....	SS	6
		12

Freshman Year

Art 205, History and Appreciation of Art.....	3	0
English 111-112, Fundamentals of Speech.....	1	1
English 205-206, World Literature.....	3	3
History 205-206, World History.....	3	3
Mathematics 105-106, Fundamentals of Mathematics.....	3	3
Music 230, Introduction to Music.....	0	2
Physical Education 101-102, General Physical Education.....	1	1
Science 105, Survey of Science.....	3	0
Electives.....	1	4-5
	18	17-18

Summer Session

1st Session

Education 202, Introduction to Education.....	SS	3
Psychology 201, General Psychology.....	SS	3

2nd Session

Psychology 202, Educational Psychology.....	SS	3
Electives (Major).....	SS	3

12

Junior Year

Major, Minor and Electives.....	17-18	17-18
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Summer Session

Physics 311-312 or Chemistry 211-212 or Biology 101-102.....	SS	8
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Senior Year

Student will take regular Senior Year under major program.

COURSES OF INSTRUCTION

All courses are graded in accordance with the experience of the students and are numbered to indicate the year in college for which they are planned. Courses numbered 100 are for Freshmen; those numbered 200 are for Sophomores; those numbered 300 are for Juniors and those numbered 400 are for Seniors.

Under the direction of his advisor a Freshman student may register for some 200 courses; a Sophomore student may register for some 300 courses, and a Junior may register for some 400 courses. It should be borne in mind that all courses required for graduation **must** be taken in order; i.e. a Freshman must take all required 100 courses before registering for 200 courses and a Sophomore student must take all required 200 courses before registering for 300 courses.

Junior and Senior students, excepting transfer students, who register for required 100 and 200 courses will receive only one half of the usual credit received for those courses.

Courses of instruction are organized and offered by thirteen Departments. Students choose to earn majors and/or minors in either of these Departments. In order to facilitate administration of the program these Departments are coordinated in five Divisions: Education, Fine and Applied Arts, History and Social Sciences, Language and Communication, and Natural Sciences. For convenience of the reader these Divisions are listed alphabetically, with their several Departments also listed alphabetically. Courses are listed in numerical sequence. Odd numbered courses are offered in the Fall, while even numbered courses are offered in the Spring.

Division of Fine and Applied Art

Chairman: Elma L. Ransom

Howard Woody

Ernest Nelson Dudley

Betty Jean Campbell

Elma L. Ransom

Frederick Bohrer

Ralph I. Finn

The Division of Fine and Applied Arts consists of the Art Department, the Home Economics Department, and the Music Department of Pembroke State College. Its purpose is to provide

an integral segment of the total Liberal Arts Education by contributing to the cultural life and experience of the college as a whole; and to offer opportunities for the artistic, intellectual, and educational development of those individuals who have chosen a Fine or an Applied Art as an avocation or a profession.

ART

Head: Howard Woody

The department of art fulfills an ever-increasing need by contributing to the cultural life and experience of the whole college, as well as providing many opportunities for the artistic, intellectual and spiritual development of those who have chosen a fine art as a professional goal. Art develops an understanding and an appreciation of beauty in everyday life. Art provides the gifted student with a professional foundation as an artist and as a teacher.

Major and Minor Requirements:

B.S. Major: This program offers certification in public school art teaching. A student graduating from this program should have a working knowledge of the different art areas and the ability to help others in their art attempts. The senior student is expected to exhibit a display of his art works from his areas of study. The college may also be expected to temporarily retain a few examples of each students work.

B.S. Requirements:

- 6 semester hours, History of Art
- 6 semester hours, Drawing and Painting
- 6 semester hours, Design
- 12 semester hours, Elective Art Courses

A.B. Major: This program offers the student a foundation for his personal creative expression and a development of his art judgement and taste. Graduates of this program might be expected to either practice his art or continue in graduate study. Before graduating from this program a senior would be expected to prepare and display an exhibition of his

art work from his area of concentration. The college may also be expected to temporarily retain a few examples of each students work.

A.B. Requirements:

18 s.h. of lower level art studios: 101, 102, 106, 111, 131, 132. (Required Freshman classes are not counted towards an Art major.)

A.B. Art Major Requirements:

6 semester hours, History of Art

12 semester hours, Area of concentration: Painting, Ceramics or Sculpture.

9 semester hours, Area of secondary interest: Painting, Ceramics, Sculpture or Commercial Art.

2 semester hours, Elective Art Course

Minor: 6 semester hours, Drawing and Painting

6 semester hours, Design

6 semester hours, Elective Art Courses

101-102. 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.

105, 106 INTRODUCTION TO SCULPTURE.

A survey course aimed at studying the problems of mass and space in sculpture. Laboratory fee \$3.00. Fall, Spring; three double laboratory periods weekly. Credit, 3 semester hours.

111,112. INTRODUCTION TO CERAMICS.

A survey course aimed at the studying of techniques applied in the making of ceramic ware. Laboratory fee \$3.00 per semester. Fall, Spring; three double laboratory periods weekly. Credit, 3 semester hours.

131-132. DRAWING AND PAINTING.

Drawing and painting with different media. 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.

205. HISTORY AND APPRECIATION OF ART

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

250. ADVERTISING DESIGN.

An introduction to lettering, layout and story illustration. Laboratory fee \$3.00. Spring; two double laboratory periods weekly. Credit, 2 semester hours.

301, 302. ADVANCED DESIGN.

Prerequisite: Art 101-102

Advanced specialized problems in two and three dimensional art forms. Laboratory fee \$3.00 per semester. Fall, Spring; three double laboratory periods weekly. Credit, 3 or 6 semester hours.

311. ART EDUCATION IN THE ELEMENTARY SCHOOL.

Arts and crafts as an integral part of teaching in the primary and grammar grades. Acquaintances with various tools and media for two and three dimensional creative art work, with special emphasis on the philosophy of teaching art to young children. Laboratory fee \$3.00. Fall, three double laboratory periods weekly. Credit, 3 semester hours.

314. ART IN THE SECONDARY SCHOOL.

Prerequisites: Art 131-132.

The development of arts and crafts as one-subject field in general education. Costume and stage design, home decoration, commercial art, wood and metal work and crafts. Laboratory fee \$3.00. Spring; one recitation, two double laboratory periods weekly. Credit, 3 semester hours.

Art. 315. BEGINNING SCULPTURE.

Prerequisite: Art 106.

A study and application of three-dimensional principles to construct a creative expression while working in different media. Exploration of various techniques including modeling, casting and carving will be accomplished. Laboratory fee \$3.00. Fall; three double laboratory periods weekly. Credit, 3 semester hours.

Art 316. ADVANCED SCULPTURE.

Prerequisite: Art 315.

Advanced study in sculpture devoted to developing skills, techniques and exploring new materials. Laboratory fee \$3.00. Spring; three double laboratory periods weekly. Credit, 3 semester hours.

331-332. ADVANCED DRAWING AND PAINTING.

Prerequisites: Art 131-132.

Advanced creative problems in tempera, oil painting and other media, from still life, landscape and human figure. Problems in two dimensional work with regard to composition, space, balance, proportion, rhythm and color. Laboratory fee \$3.00 per semester. Fall, Spring; three double laboratory periods weekly. Credit, 6 semester hours.

Art 341. ADVANCED CERAMICS.

Prerequisite: Art 111.

An advanced study of design and surface decoration as applied in ceramics. A course for advanced work on the potter's wheel. Laboratory fee \$3.00. Fall; three double laboratory periods weekly. Credit, 3 semester hours.

Art 342. ADVANCED CERAMICS.

Prerequisite: Art 341.

An advanced study of ceramics involving production throwing on the potter's wheel. (making sets of cups, plates, bowls, and mugs.) A study of the making and attaching of handles, lids and pouring spouts. Laboratory fee \$3.00. Spring; three double laboratory periods weekly. Credit, 3 semester hours.

415. ADVANCED SCULPTURE.

Prerequisite: Art 316.

This course is designed to explore methods of working in various metals. Problems in welded sculpture will be studied. Laboratory fee \$3.00. Fall; three double laboratory periods weekly. Credit, 3 semester hours.

416. ADVANCED SCULPTURE.

Prerequisite: Art 415.

This course in sculpture is devoted to developing the students creative expression in sculpture according to his own talents and experiences. Laboratory fee \$3.00. Spring; three double laboratory periods weekly. Credit, 3 semester hours.

421. ANCIENT AND MEDIEVAL ART.

Prerequisite: Art 205.

A survey of architecture, sculpture, painting, and other arts from prehistoric times to the Italian Renaissance. Fall; three recitations weekly. Credit, 3 semester hours.

422. RENAISSANCE ART.

Prerequisite: Art 205.

A study of the art of the Renaissance. Spring; three recitations weekly. Credit, 3 semester hours.

423. MODERN ART HISTORY.

Prerequisite: Art 205.

A study of the artists and the art schools that evolved in the United States and Europe during the 19th and 20th centuries. Fall; three recitations weekly. Credit, 3 semester hours.

435. ADVANCED PAINTING.

Prerequisite: Art 332.

This advanced course will explore the various manners and approaches to creative painting and relate them to the individual's experiences. Laboratory fee \$3.00. Fall; three double laboratory periods weekly. Credit, 3 semester hours.

436. ADVANCED PAINTING.

Prerequisite: Art 435.

This advanced course is designed for the student to develop his own personal way of expressing himself in painting. Laboratory fee \$3.00. Spring; three double laboratory periods weekly. Credit, 3 semester hours.

441. ADVANCED CERAMICS.

Prerequisite: Art 342.

An advanced study of glaze and glaze decoration. A course for the selecting and testing of one glaze as to the possibilities of textures and colors. Laboratory fee \$3.00. Fall; three double laboratory periods weekly. Credit, 3 semester hours.

442. ADVANCED CERAMICS.

Prerequisite: Art 441.

An advanced course aimed at the study and making of hand crafted ceramic tile. The study will include problems in decorating, cutting, glazing and mounting in cement. Laboratory fee \$3.00. Spring; three double laboratory periods weekly. Credit, 3 semester hours.

451. ADVANCED DRAWING.

Prerequisite: Art 332.

A course designed to concentrate on the drawing skills and line simplification. Laboratory fee \$3.00. Fall; three double laboratory periods weekly. Credit, 3 semester hours.

509. ART IN THE ELEMENTARY SCHOOL—DRAWING, DESIGN, AND GRAPHICS.

A course designed especially for in-service teachers which will review fundamentals of drawing, 2 dimensional design, and graphics as an integral part of teaching. Laboratory fee \$3.00. Summer Session; one double laboratory period daily. Credit, 3 semester hours.

510. ART IN THE ELEMENTARY SCHOOL—SCULPTURE AND CERAMICS.

A course designed especially for in-service teachers which will review fundamentals of Sculpture, 3 dimensional design and

Ceramics as an integral part of teaching. Laboratory fee \$3.00. Summer Session: one double laboratory period daily. Credit, 3 semester hours.

Note: Either Art 509 or Art 510 may be substituted for Art 309-310 upon approval of the Academic Dean.

Upon the request of a public school supervisor, the art department will offer a survey of art course for either credit or non-credit to in-service teachers.

HOME ECONOMICS

Head: Betty Campbell

Pembroke State College offers in its home economics program education for better home and family life, the choice of most young women, and preparation for the professional areas open in the field of home economics. The scope of this program includes both the science and art of better home living through the management of available resources. The nutritive value of foods, the selection, construction, and care of clothing, budgeting, health habits, housing, family relationships, and child development are studied as basic knowledge for all of life.

HOME ECONOMICS

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

In the six room management cottage, senior economics majors 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.

Requirements for a major in Home Economics:

Home Economics 301; 302; 303; 311; 401; 403; 422.
Sociology 401. Physics 314. Art, 3 semester hours.

Requirements for a Minor in Home Economics:

Home Economics 111; 112; 303; 422
Electives hours in Home Economics, 8 hours.

111. FOOD FOR THE FAMILY.

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

112. CLOTHING FOR THE FAMILY.

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

221. CLOTHING SELECTION AND CONSTRUCTION.

Prerequisite: Home Economics 112.

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

222. FOOD SELECTION AND PREPARATION.

Prerequisites: Home Economics 111.

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 222; Chemistry 212.

A study of the fundamental principles of human nutrition and their application in selection of 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, foods for the sick. Spring; 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. Fall; two recitations weekly. Credit, 2 semester hours.

311. ADVANCED CLOTHING.

Prerequisite; Home Economics 211.

An advanced course in clothing construction designed to increase skill in techniques of tailoring, in fitting, and in pattern alteration. Construction of tailored garment. Laboratory fee \$3.00. Fall; one recitation, two double laboratory periods weekly, Credit, 3 semester hours.

401. 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 arrangements 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.

DEPARTMENT OF MUSIC

Head: Elma L. Ransom

The purposes of the Department of Music are three-fold: to provide an enriching supplement to a liberal arts education through study of music as it fits the culture and history of the world; to offer an adequate program of studies for those who have the teaching profession as a goal, and to meet the certain social needs of the students for group participation such as can be found in the vocal and instrumental musical organizations of the college.

Requirements for a major in general music:

Music 131 through 332 (Theory I through VI) ; 320; 337-338; 405; nine semester hours of music electives in applied music. It is understood that all general music majors will take an academic minor in applied music.

Requirements for a major in instrumental music:

Music 131 through 332 (Theory I through VI) ; 320, 323; 337-338; twelve hours of music electives in applied music. Instrumental music majors must take six semester hours in a major instrument, three semester hours each on two minor instruments. (Piano is advised to be one of the minor instruments.) It is understood that instrumental music majors must take an academic minor in general music theory courses.

Requirements for a minor in music:

Music 131 through 331 (Theory I-V) ; 320; 337-338; eight semester hours in applied music.

THEORY AND GENERAL MUSIC

131-132. THEORY I-II; FUNDAMENTALS, BEGINNING, AND INTERMEDIATE EAR TRAINING.

Fundamentals of music and beginning ear training through singing and listening, reading notation, beginning part singing. Required of all music majors. Fall-spring; 2 recitations weekly. Credit, 4 semester hours.

231-232. THEORY III-IV. ELEMENTARY HARMONY AND ADVANCED EAR TRAINING.

Prerequisite: Theory I-II.

A course beginning with scales, intervals and chord formation. Harmonizing melodies and figured basses on paper and at the keyboard through the dominant seventh chord and inversions. Ear-training on the harmonic level. Required of all music majors. Fall-spring; 2 recitations weekly. Credit, 4 semester hours.

331-332. THEORY V-VI. KEYBOARD HARMONY AND FORM AND ANALYSIS.

Prerequisite: Theory I-II, III-IV.

A study of cadences, modulations, extemporaneous harmonization of melodies at the piano, leading to harmonic analysis of certain standard literature through an understanding of its form and design. Required of all general music majors. Fall-spring; 2 recitations weekly. Credit, 4 semester hours.

432. THEORY VII. COUNTERPOINT

Prerequisite: Theory III.

A study of Sixteenth through Eighteenth Century contrapuntal techniques with written work in two through four-part voice writing and setting typical texts. Spring; 2 recitations weekly. Credit, 2 semester hours.

230. INTRODUCTION TO MUSIC.

The development of a familiarity with, 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. Fall or spring; three recitations weekly. Credit, 3 semester hours.

309. BASIC MUSIC FOR THE ELEMENTARY TEACHER NOT OPEN TO MUSIC MAJORS.

A course for elementary majors who need training in the fundamentals and use of music in the classroom. It includes a study of the various systems of reading notation and the study of the use of song-bells, auto-harp, and recorder type instruments

as well as the method of conducting the listening, rhythmic, and singing activities in the classroom. Required of all elementary education majors. Fall or spring; 3 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.

323. ARRANGING.

Prerequisite: Music. 231.

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.

337-338. HISTORY AND APPRECIATION OF MUSIC

Prerequisite: Music 230.

A study of the development of music beginning with the music of primitive people through the ancient cultures, early folk music, the development of instruments, the three great schools of church music, opera, oratorio, and the eighteenth century classic period to the present day; supplemented with the recordings for analysis and recognition. Fall, spring; two recitations weekly; Credit, 4 semester hours. Required of all music majors and minors.

404. SENIOR RECITAL.

Credit for this course will be offered to senior Music Majors participating in a Senior Public Recital; and that only when the quality of performance merits credit. Spring semester; 1-2 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.

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 at the piano. Two thirty-minute lessons weekly. Credit, 1 hour per semester.

191, 192. 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; 441-442. COLLEGE BAND.

Membership for advanced classification by tryout only. (Beginners are advised to take Music 141, Brass Wind Percussion, or Beginners Band Class.) Extensive literature is played, and public appearances are made both in parades and programs. Fall, spring; three 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. Spring; accelerated. Credit, 3 semester hours.

405. PUBLIC SCHOOL MUSIC.

Prerequisites: THEORY I through IV.

Not Open To Elementary Majors.

A study of the various texts and materials in music in the public school. Emphasis is placed on the selection and presentation of rote songs, the development of the child's singing voice, the coordination of the music activities in the public school. Required of general music majors. Fall; three recitations weekly. Credit, 3 semester hours.

Division of Education

Chairman: Janie Britt Silver

Sandra Fleming

Harley Coffland

William Dean

John Entrekin

Kenneth Kersh

Richard Lauffer

Herbert G. Oxendine

DEPARTMENT OF EDUCATION AND PSYCHOLOGY

Head—Janie Britt Silver

The Department of Education provides professional preparation for individuals preparing to teach in the public schools. The total program of professional education encompasses study of the learner, of learning processes, of the school, and of the meaning and purposes of education. The program of courses is designed to insure the professional preparation needed by individuals who are to be public school teachers. The curriculum is designed also to meet requirements for teacher certification by the State of North Carolina and other accrediting agencies.

ELEMENTARY EDUCATION

The Major

The requirements for the degree of Bachelor of Science with a major in Elementary Education are as follows:

- I. The general education curriculum (p. 36)
- II. Departmental Requirements
 - A. The major
25 semester hours in Education, including 202, 405, 413, 414, 415, 416, 421, and 450.
 - B. Additional requirements
English 300, 345, 371, 383
Geography 301, 304 or 306
Psychology 202, 303
Music 309
Physical Education 308, 316
Political Science 301
 - C. Electives sufficient to total 136 hours

The Courses

202. INTRODUCTION TO EDUCATION.

Aimed at the development of an understanding of the role of the school in American society through the study of the history and philosophy of public education. A introduction to current educational theory as related to curriculum and trends in educational thought, and an intensive study of the development of

the teaching profession and the organizational aspects of the American Public School. Fall, spring; three recitations weekly. 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 on newer materials and methods currently used in making teaching more meaningful and to teach children how to think. Designed for certificate renewal and may not be substituted for Education 414 or Education 415. Summer Session; 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 on newer materials and methods currently used in making teaching more meaningful and to teach children how to think. Designed for certificate renewal and may not be substituted for Education 414 or Education 415. Summer Session; Credit, 3 semester hours.

405. ARITHMETIC FOR TEACHERS.

This course is designed to give the Elementary teacher the basic fundamentals of Arithmetic including an introduction to algebra and geometry. Attention is focused on learning-teaching situations and effective use of teaching aids. Required of all Elementary majors. Fall; three recitations weekly. Credit, 3 semester hours.

413. TEACHING READING IN THE ELEMENTARY SCHOOL.

A study of reading as a developmental process in the total child development relationship. Problems in reading are studied as problems in development. Reading readiness at successive levels of development, principals, methods, and materials for acquiring effective reading attitudes and skills are presented. Observation in actual teaching situations is provided, with special emphasis on individual differences, grouping, and directed reading activities. Fall; three recitations weekly. Credit, 3 semester hours.

413G. TEACHING READING IN THE INTERMEDIATE GRADES.

A study of the development of current techniques for the teaching of developmental reading in the intermediate grades. This course is designed specifically for teachers of grades 4-8. Fall, spring; three recitations weekly. Credit, 3 semester hours.

413 (P). TEACHING READING IN THE PRIMARY GRADES.

A study of the development of current techniques for the teaching of reading skills in the primary grades. Aimed specifically at the development of a basic reading program in the first three years of public school, the fundamentals of beginning reading based on configuration, context, and phonics are included. Fall, spring; three recitations weekly. Credit, 3 semester hours.

414. METHODS OF TEACHING ARITHMETIC AND SCIENCE IN THE ELEMENTARY SCHOOL.

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

415. 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. Spring; accelerated. Credit, 3 semester hours.

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

417. MATERIALS AND METHODS FOR ELEMENTARY TEACHERS.

A general course designed to offer experiences in observing, planning, and evaluating instruction. Particular emphasis is placed on unit construction and on the unit plan of teaching. Fall, spring; three recitations weekly. Credit, 3 semester hours.

418. MEASUREMENT AND EVALUATION 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.

420. WORKSHOP IN ELEMENTARY READING.

Prerequisite: Education 413 or its equivalent.

A study of the techniques of teaching reading with emphasis upon the use of helpful materials and audio visual aids. Includes observations in public schools, demonstrations by guest teachers, and participation by students enrolled in the course. Spring; three recitations weekly. Credit, 3 semester hours.

421. STUDENT TEACHING IN ELEMENTARY SCHOOL.

Contains the specific activities identified with systematic and formal observations, supervised student teaching, and with varied activities related to the job of actual teaching. All prospective teachers 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. Each applicant shall have earned a 1.25 point-hour ratio in all required **Elementary Education Courses**. 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 semester prior to student teaching. Each applicant shall have completed all required freshmen, sophomore, and junior courses. Spring; half semester, all day. Credit, 6 semester hours.

423. PROBLEMS IN EDUCATION.

Designed for the exploration of individual interest areas, the student is permitted, under the guidance of the instructor, to independently investigate an approved problem of specific concern to the student. Regularly scheduled progress conferences are arranged between instructor and student for evaluative purposes. Scheduled only with approval of Chairman of the Department of Education and the Academic Dean. Fall, spring. Credit, 1 to 6 semester hours.

450. SEMINAR IN EDUCATION.

Required of all student teachers after the completion of 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; accelerated, Credit, 1 semester hour.

455. SCIENCE WORKSHOP IN THE ELEMENTARY SCHOOL.

Designed to meet the needs of the elementary teacher in the area of science. Special emphasis 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.

457. SOCIAL FOUNDATIONS OF EDUCATION.

A study of educational sociology with special emphasis on social change, value conflict, and problems of direction aimed at a sociological, anthropological, and psychological foundation for relating education to society with the American community as the center of interest. Child socialization and the role of the

school; group dynamics in the public school; social class behavior patterns. Fall, spring; three recitations weekly. Credit, 3 semester hours.

SECONDARY EDUCATION

The requirements for the degree of Bachelor of Arts or the Bachelor of Science and a high school teaching certificate are as follows:

- I. The General Education Curriculum (See page 36)
- II. Departmental Requirements
 - A. The area of concentration
 1. See departmental requirements for selected major and minor.
 - B. Professional Requirements
Education 202, 416, 431, 450, and Subject Methods. Psychology 202 and 303.
- III. Electives sufficient to total 136 semester hours.

The Courses

202. INTRODUCTION TO EDUCATION.

Aimed at the development of an understanding of the role of the school in American society through the study of the history and philosophy of public education. An introduction to current educational theory as related to curriculum and trends in educational thought, and an intensive study of the development of the teaching profession and the organizational aspects of the American public school. Fall, spring; three recitations weekly. Credit, 3 semester hours.

416. PRINCIPLES OF GUIDANCE.

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. Co-operative relationships with other pupils, parents, teachers and prospective or cooperating employees. Spring; accelerated. Credit, 3 semester hours.

419. READING IMPROVEMENT IN SECONDARY SCHOOLS.

Designed to aid teachers in working with problems of reading improvement and study skills. This course is aimed at meeting the needs of the average and superior readers as well as those whose skills are below average. It promotes the concept that every high school teacher should be a teacher of reading skills. Tools for word recognition and vocabulary development, classroom skills, the application of reading skills, methods of studying, reading rates and comprehension are covered. This course is required of candidates for certification in English. Fall, spring; three recitations weekly. Credit, 3 semester hours.

431. STUDENT TEACHING IN SECONDARY SCHOOL.

This course contains the specific activities identified with systematic and formal observations, supervised student teaching and with varied activities related to the job of actual teaching. All prospective teachers will be required to observe and teach a minimum of 90 clock hours for this course and as many 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 completed all required freshman, sophomore, and junior courses. Spring; half semester, all day. Credit, 6 semester hours.

433. PROBLEMS IN EDUCATION.

Designed for the exploration of individual interest areas, the student is permitted, under the guidance of the instructor, to independently investigate an approved problem of specific concern to the student. Regularly scheduled progress conferences are

arranged between instructor and student for evaluative purposes. Scheduled only with approval of Chairman of the Department of Education and the Academic Dean. Fall, spring. Credit, 1 to 6 semester hours.

434. MEASUREMENT AND EVALUATION 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.

450. SEMINAR IN EDUCATION.

This course is required of all student teachers after the completion of 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; accelerated. Credit, 1 semester hour.

457. SOCIAL FOUNDATIONS OF EDUCATION.

A study of educational sociology with special emphasis on social change, value conflict, and problems of direction aimed at a sociological, anthropological, and psychological foundation for relating education to society with the American community as the center of interest. Child socialization and the role of the school; group dynamics in the public school setting; social class behavior patterns. Fall, spring; three recitations weekly. Credit, 3 semester hours.

METHODS OF TEACHING IN HIGH SCHOOL

The following courses are designed to cover techniques and methods of teaching specific subjects in the high school. Unit construction, resource unit planning, supplementary teaching aids, audio-visual materials, and testing procedures specifically needed in the appropriate subjects are studied. Spring. Credit, 3 semester hours.

- 313. TEACHING ART.
- 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.

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 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.

202. EDUCATIONAL PSYCHOLOGY.

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; optimum conditions for learning; transfer of learning; the biological antecedents of learning; growth, conditions, and causes of maladjustments. Fall; three recitations weekly. Credit, 3 semester hours.

311. APPLIED PSYCHOLOGY.

A study of the application of psychological principles and methods to the management and conservation of human resources in

contemporary socio-economic settings. Fall, spring. Credit, 3 semester hours.

312. PSYCHOLOGY OF PERSONALITY.

A study of basic problems of personality adjustment; principles of measurement applied to personality; consideration of various theories of personality. Fall, spring. Credit, 3 semester hours.

313. THE PSYCHOLOGY OF THE EXCEPTIONAL CHILD.

A study of the individual differences of children who deviate sufficiently to be labeled exceptional, with special emphasis on the psychology of the exceptional child as a foundation for educational classification and experience. Fall, spring. Credit, 3 semester hours.

314. MENTAL HYGIENE.

Understanding of the basic factors which contribute to adequate or inadequate adjustment. Consideration is given to kinds of conflicts which may cause maladjustment; nature, prevention and control of mental disorders. Laboratory experiences in schools and local agencies. Fall, spring. Credit, 3 semester hours.

403. PSYCHOLOGY OF CHILDHOOD.

An intensive study of the inheritance and development of the child from conception to the age of adolescence. Includes a study of patterns of inheritance, pre-natal factors and environment factors of the child's life as they affect the child's development (physically and mentally). These factors 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. Fall, spring; accelerated. Credit, 3 semester hours.

404. PSYCHOLOGY OF ADOLESCENCE.

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 development aspects are considered. Emphasis is placed on the teacher's role in understanding and guiding his students during these formative years. Fall, spring; accelerated. Credit, 3 semester hours.

DEPARTMENT OF PHYSICAL EDUCATION

HEAD—Richard A. Lauffer

The purposes of the Department of Physical Education are:

1. To provide all students with the opportunity to learn and participate in indoor and outdoor sports, and to participate and enjoy leisure time recreation consistent with their abilities and interests.
2. To provide the professional education for teachers in the field of health and physical education.
3. To provide a program of intramural athletics which furnishes each interested student opportunities to participate in healthful competition, team work and good sportsmanship.
4. To provide a program of intercollegiate athletics for men, including competition in basketball, baseball, cross country, and track.

The Major

The requirements for the degree of Bachelor of Science with a major in Physical Education are as follows:

- I. The general education curriculum
- II. Departmental Requirements
 - A. 36 hours in physical education including: PE 104, 205, 215, 216
PE 304, 314, 317, 320, 321, 323, 326
PE 407, 408, 415
 - B. Additional Requirements
Biology 101-102; 311-312
 - C. Electives sufficient to total 136 hrs.

The Minor

The requirements for a minor in Physical Education are as follows:

- A. 18 hours in physical education including:
 - 6 hours in the area of principles, curriculum, and administration of physical education
 - 3 hours in the area of coaching major sports

- 3 hours in the area of health
- 3 hours in the area of individual and team sports
- 3 hours—elective in the area of physical education

101-102 M. GENERAL PHYSICAL EDUCATION FOR MEN.

Designed to meet the needs and interests of freshmen college men through physical fitness training and participation in indoor and outdoor team sports. Fall, spring; two recitations weekly. Credit, 2 semester hours.

101-102 W. GENERAL PHYSICAL EDUCATION FOR WOMEN.

Designed to meet the needs of freshmen college women through indoor and outdoor team sports through rhythms. Fall, spring; two recitations weekly. Credit, 2 semester hours.

104. BASIC HYGIENE.

Emphasis will be placed on personal hygiene and the student's obligation to serve society through the promotion of individual, family, and public health. Spring; two recitations weekly. Credit, 2 semester hours.

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.

208. FOLK AND SQUARE DANCING.

Developing skills to enjoy various types of folk and square dances. Spring; two recitations weekly. Credit, 1 semester hour.

209. ARCHERY AND BADMINTON.

Rules, fundamentals and skills of archery and badminton. 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.

215. INDIVIDUAL SPORTS.

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

216. BEGINNER'S TENNIS.

Rules, fundamentals and basic techniques in tennis are stressed. Fall; two recitations weekly. Credit, 1 semester hour.

217. RECREATIONAL SPORTS.

Rules, fundamentals, and basic techniques of golf, shouffleboard, table tennis and bowling are stressed. Fall; two recitations weekly. Credit, 1 semester hour.

302. ADVANCED TENNIS.

Prerequisite: PE 216 or equivalent.

Spring; two recitations weekly. Credit, 1 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.

311. 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.

313. PRINCIPLES OF HEALTH EDUCATION.

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

314. FIRST AID, SAFETY AND CARE OF ATHELETIC INJURIES.

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 car-

ries with it a standard certificate in First Aid from the American Red Cross. Spring; two recitations weekly. Credit, 3 semester hours.

316. 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.

320. RHYTHMS.

This course is designed to offer a variety of rhythmical activities. Spring; two recitations weekly. Credit, 1 semester hour.

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.

323. 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.

326. 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.

407. COACHING FOOTBALL AND BASKETBALL.

A study of offensive and defensive play; rules and problems of conditioning teams and staging games. Football first half of semester, basketball second half of semester. Fall; three recitations weekly. Credit, 3 semester hours.

408. COACHING BASEBALL AND TRACK.

A study of fundamentals, individual techniques, conditioning, maintaining grounds, and staging games and meets. Baseball first half of semester, track second half of semester. Spring; three recitations weekly. Credit, 3 semester hours.

412. PHYSIOLOGY OF EXERCISE.

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

415. 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; two recitations weekly. Credit, 3 semester hours.

Division of Language and Communication

Chairman: Otis G. Carnes

Lee M. Beall

K. C. Eapen

Patricia A. Edwards

James S. Farmer

Reba M. Lowry

I. Ruth Martin

Robert C. Pierle

Jose Rodriguez

Ann R. Wells

ENGLISH

Head: Otis G. Carnes

The objectives of the English Department for all courses in the General Education program 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; to deepen his understanding of literature's relation to human culture.

For those who plan to major in English there are two programs offered: one of which offers the minimum essentials for a liberal arts training; the other will prepare for a career in teaching English in the secondary schools.

Requirements for a non-teaching major or minor:

An academic major in English may be earned by completing 30 hours in the Department beyond the General Education requirements for Freshmen. All courses must be approved by the Chairman of the Department.

One of the following courses in Religion may be accepted as an elective for fulfillment of the above requirements: Religion 311, 312, 313, or 411.

A minor in English may be earned by completing 18 hours in the Department beyond the General Education requirements for Freshmen.

Requirements for a teaching major:

A major in English preparing one to teach English in the secondary schools may be earned by completing 36 hours in the Department beyond the General Education requirements for Freshmen. The following courses and electives must be in-

cluded: E205-6; E300; E329-30; E351; E373; E393; E403; and six semester hours from these: E151; E215; E321.

In addition to the above, teaching majors must include Ed 419, **Reading Improvement in Secondary Schools** in the Professional Education program.

111-12. THE FUNDAMENTALS OF SPEECH.

Designed to promote good habits of speech through study of its principles, with guided practice in speaking. Fall, spring; two recitations weekly. Credit, 2 semester hours.

105-6. COMPOSITION.

A basic course covering three general areas: a careful review of correct English usage; the basic principles of expository writing; and an introduction to types of literature. Fall, spring; three recitations weekly. Credit, 6 semester hours.

205-6. WORLD LITERATURE.

A study of the important literary movements and writing in the great cultures of the world. Fall, spring; three recitations weekly. Credit, 3 semester hours.

251. PLAY PRODUCTION.

A course to provide theoretical and practical experience in costuming, directing and producing plays. Fall, three recitations weekly. Credit, 3 semester hours.

252. PLAY DIRECTION.

A study of the techniques followed in directing plays, with practice in the art. Spring; three recitations weekly. Credit, 3 semester hours.

261. AN INTRODUCTION TO THE MECHANICS OF SPEECH.

Of special helpfulness to classroom teachers in guiding students in the development of correct use of the voice in speaking through an introduction to phonetics. Fall; three recitations weekly. Credit, 3 semester hours.

300. ORAL INTERPRETATION.

Designed to help students develop an appreciation of and skill in oral interpretation of literature. Fall, or Spring; three recitations weekly. Credit, 3 semester hours.

311. ADVANCED PUBLIC SPEAKING.

A study of type of public speaking and guidance in preparation and delivery of effective speeches. Fall; three recitations weekly. Credit, 3 semester hours.

321. PRINCIPLES OF LIBRARIANSHIP.

Introduction to the objectives and routines of library organization. Fall; three recitations weekly. Credit, 3 semester hours.

329-30. ENGLISH LITERATURE.

An examination of literature of England from Beowulf to the twentieth century. Fall, spring; three recitations weekly. Credit, 3 semester hours.

331. SURVEY OF AMERICAN LITERATURE.

An examination of the literature of the United States from the beginnings to the twentieth century. Fall, three recitations weekly. Credit, 3 semester hours.

342. THE ENGLISH NOVEL.

A study of the development of prose fiction in England. Spring; three recitations weekly. Credit, 3 semester hours.

343. THE AMERICAN NOVEL.

A study of the development of prose fiction in the United States. Fall; three recitations weekly. Credit, 3 semester hours.

345. TYPES OF ENGLISH AND AMERICAN LITERATURE. (Primarily for Elementary Teachers.)

A comparative study of the various types of literature produced and read in England and the United States. Fall; three recitations weekly. Credit, 3 semester hours.

351. SHAKESPEARE.

An introduction to the background of the Shakespearean theater and selected Shakespearean plays. Fall; three recitations weekly. Credit, 2 semester hours.

352. SHAKESPEARE.

A continuation of the study of Shakespearean plays and sonnets. Spring; three recitations weekly. Credit, 3 semester hours.

354. MODERN DRAMA.

A study of selections from the drama of the western world of the nineteenth and twentieth centuries. Spring; three recitations weekly. Credit, 3 semester hours.

365. LIBRARY SCIENCE WORKSHOP.

Designed to help those who have to undertake the administration of a school library with formal training in the work. Summer; one recitation and two laboratory periods weekly. Credit, 3 semester hours. (Not credited towards degree.)

366. MODERN BRITISH AND AMERICAN POETRY.

A survey of British and American poetry of the late nineteenth and early twentieth centuries. Spring; three recitations weekly. Credit, 3 semester hours.

371. ADVANCED GRAMMAR AND COMPOSITION FOR ELEMENTARY TEACHERS.

An advanced study of parts of speech, sentence structure and the four basic types of composition in accordance with the needs of the elementary schools. Fall; three recitations weekly. Credit, 3 semester hours.

373. ADVANCED GRAMMAR AND COMPOSITION FOR THE SECONDARY TEACHERS.

An advanced study of grammar, syntax, rhetoric and composition. Fall; three recitations weekly. Credit, 3 semester hours.

376. CREATIVE WRITING.

Designed for serious study and practice of various literary

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

383. CHILDREN'S LITERATURE.

A survey of children's literature and development of standards for selecting such materials for school and home. Fall; three recitations weekly. Credit, 3 semester hours.

393. HISTORY OF THE ENGLISH LANGUAGE AND WORD STUDY.

Designed to give the student an appreciation of the English language through a study of its history, and to help enlarge the vocabulary through a study of the origins and composition of words. Fall; three recitations weekly. Credit, 3 semester hours.

403. CONTEMPORARY WORLD LITERATURE.

A survey of twentieth century world literature. Fall; three recitations weekly. Credit, 3 semester hours.

431. LITERATURE OF THE ROMANTIC PERIOD.

All the literature of the period is surveyed but emphasis is placed on that of Wordsworth, Shelley, Keats and Byron. Fall; three recitations weekly. Credit, 3 semester hours.

432. LITERATURE OF THE VICTORIAN PERIOD.

A study of the Victorian writers, notable Tennyson, Browning and the nineteenth century critics. Spring; three recitations weekly. Credit, 3 semester hours.

443. SURVEY OF ENGLISH DRAMA.

A survey of types of English drama, excepting Shakespeare and that of the twentieth century. Fall; three recitations weekly. Credit, 3 semester hours.

JOURNALISM (Listed and numbered as English courses)

215. INTRODUCTION TO JOURNALISM.

A survey of journalism media and the gathering of news, with practical experience gained through the college newspaper. Fall; three recitations weekly. Credit, 3 semester hours.

216. NEWS EDITING.

Prerequisite: E 215.

Writing and publication skills developed. Spring; three recitations weekly. Credit, 3 semester hours.

315. FEATURE WRITING.

Prerequisite: E215 and E216.

Emphasis on stories for magazines and professional journals, Sunday editions, and features for newspapers, with help in marketing with articles. Fall; three recitations weekly. Credit. 3 semester hours.

316. RADIO AND TELEVISION JOURNALISM.

How to present news through radio and television. Spring; three recitations weekly. Credit, 3 semester hours.

455. WORKSHOP IN JOURNALISM.

Training in the production of institutional publications, with attention given to writing and publishing such institutional news. Fall, or Summer; one recitation and two laboratory periods weekly. Credit, 3 semester hours.

FOREIGN LANGUAGES

Head: Reba Millsaps Lowry

The Foreign Language Department offers courses in Spanish, French and German which aim: to give the student training in the reading, writing and speaking in a language other than his own; to develop within the student an understanding and appreciation of the customs, language and culture of another nation; to enable the student to broaden his academic horizon as an undergraduate and acquire a necessary tool for possible graduate study.

Requirements for a major in a Foreign Language:

A major may be earned by completing thirty hours in college work above the elementary course in the respective language. Students presenting two units in a high school language course and wishing to continue the study of that language should, after having satisfactorily passed a proficiency examination in the language, register in the intermediate course.

Requirements for a minor in a foreign language:

A minor may be earned by completing eighteen hours of college work above the elementary course in the respective language.

SPANISH

131-132. ELEMENTARY SPANISH.

Emphasis on pronunciation, vocabulary, syntax, composition, conversation, reading of simple texts, study of customs and geography of Spanish-speaking countries. For beginners. Fall, spring; three recitations weekly. Credit, 6 semester hours.

231-232. INTERMEDIATE SPANISH.

Prerequisites: 131-132 or two units of high school Spanish. Grammar review, reading selected literature, conversation, correspondence with students in Spanish-speaking countries. Fall, spring; three recitations weekly. Credit, 6 semester hours.

321. SURVEY OF SPANISH LITERATURE FROM ITS BEGINNING TO 1900.

Survey of the literature from its beginning to 1900, as an outgrowth of the history and civilization. Fall; three recitations weekly. Fall. Credit, 3 semester hours.

322. SURVEY OF SPANISH LITERATURE FROM 1900 TO THE PRESENT.

Survey of the literature from 1900 to the present, as an outgrowth of the history and civilization. Spring; three recitations weekly. Spring. Credit, 3 semester hours.

355. SPANISH CONVERSATION.

To provide extensive practice in oral Spanish, including drill in vocabulary and idiom. Fall; three recitations weekly. Fall. Credit, 3 semester hours.

356. SPANISH CONVERSATION AND COMPOSITION.

To provide practice in oral and written Spanish, including drill in vocabulary, grammar and idiom. Spring; three recitations weekly. Credit, 3 semester hours.

363. TWENTIETH CENTURY SPANISH LITERATURE.

Study of the works of present-day writers. Fall; three recitations weekly. Fall; Credit, 3 semester hours.

364. SPANISH-AMERICAN LITERATURE.

Study of representative works of Spanish-American writers. Spring; three recitations weekly. Spring; Credit, 3 semester hours.

435. NINETEENTH CENTURY SPANISH PROSE.

Study of lives and representative works of prominent writers of the period. Fall; three recitations weekly. Fall; Credit, 3 semester hours.

436. NINETEENTH CENTURY SPANISH DRAMA.

Study of the lives and works of prominent writers of the period. Spring; three recitations weekly. Spring; Credit, 3 semester hours.

441. SPANISH LITERATURE OF THE SEVENTEENTH CENTURY.

Study of representative works and authors. Fall; three recitations weekly. Credit, 3 semester hours.

442. SPANISH LITERATURE OF THE EIGHTEENTH CENTURY.

Study of representative works and authors. Spring; three recitations weekly. Spring. Credit, 3 semester hours.

FRENCH

131-132. ELEMENTARY FRENCH.

Emphasis on pronunciation, vocabulary, syntax, composition, conversation, reading of simple texts, study of customs and geography of French-speaking countries. For beginners. Fall, spring; three recitations weekly. Credit, 6 semester hours.

231-232. INTERMEDIATE FRENCH.

Prerequisite: 131-132 or two units of high school French.

Grammar review, reading selected literature, conversation, correspondence with students in French-speaking countries. Fall, spring; three recitations weekly. Credit, 6 semester hours.

321. SURVEY OF FRENCH LITERATURE FROM THE MIDDLE AGES TO 1800.

Survey of the literature from its beginning to 1800, as an outgrowth of the history and civilization. Fall; three recitations weekly. Credit, 3 semester hours.

322. SURVEY OF FRENCH LITERATURE FROM 1800 TO THE PRESENT.

Survey of the literature from 1800 to the present, as an outgrowth of the history and civilization. Spring; three recitations weekly. Spring. Credit, 3 semester hours.

355. FRENCH CONVERSATION.

To provide extensive practice in oral French, including drill in vocabulary and idiom. Fall; three recitations weekly. Fall. Credit, 3 semester hours.

356. FRENCH CONVERSATION AND COMPOSITION.

To provide practice in oral and written French, including drill in vocabulary, grammar and idiom. Spring; three recitations weekly. Spring. Credit, 3 semester hours.

363. TWENTIETH CENTURY FRENCH LITERATURE

Study of the works of present-day writers. Fall; three recitations weekly. Fall. Credit, 3 semester hours.

435. NINETEENTH CENTURY FRENCH LITERATURE.

Study of the lives and representative works of prominent writers of the period. Fall; three recitations weekly. Credit, 3 semester hours.

436. NINETEENTH CENTURY FRENCH DRAMA AND POETRY.

Study of the lives and works of prominent dramatists and poets of the period. Spring; three recitations weekly. Spring. Credit, 3 semester hours.

441. FRENCH LITERATURE OF THE SEVENTEENTH CENTURY.

Study of representative works and authors. Fall; three recitations weekly. Fall. Credit, 3 semester hours.

442. FRENCH LITERATURE OF THE EIGHTEENTH CENTURY.

Study of representative works and authors. Spring; three recitations weekly. Spring. Credit, 3 semester hours.

GERMAN

131-132. ELEMENTARY GERMAN.

Emphasis on pronunciation, vocabulary, syntax, composition, conversation, reading of simple texts, study of customs and geography of German-speaking countries. For beginners. Fall, spring; three recitations weekly. Credit, 6 semester hours.

231-232. INTERMEDIATE GERMAN.

Prerequisite: 131-132 or two units of high school German.

Grammar review, reading selected literature, conversation, correspondence with students in German-speaking countries. Fall, spring; three recitations weekly. Credit, 6 semester hours.

PHILOSOPHY AND RELIGION

Head of Philosophy Section: Otis G. Carnes

Head of Religion Section: I. Ruth Martin

Philosophy has long been considered an integral part of the liberal arts program. The courses presented here are planned to give the inquiring student an introduction to this broadening discipline.

The purposes of the Religion courses are to relate the study of Biblical Literature and Religions to the total college program with the aim of helping the student meet the needs of one planning to take an active part in community life or to prepare the student who plans graduate study in this area. In order to help fulfill the aim of the individual student, courses are to be selected on conference with the chairman. In this way the student who plans to teach, to do graduate work, and/or to work in religious organizations will be guided in the right direction.

Students may earn a minor Philosophy and Religion by completing 18 semester hours in the department, provided that a minimum of 12 semester hours are completed in the section of concentration.

PHILOSOPHY

300. INTRODUCTION TO PHILOSOPHY (REQUIRED FOR GRADUATION).

Designed to give an introduction to the nature and scope of problems to be met in the ever changing areas of life through an introduction to the types philosophy men live by in the work-a-day world. Fall; three recitations weekly. Credit, 3 semester hours.

302. INTRODUCTION TO LOGIC.

A study of the principles and basic patterns of correct thinking. Spring; three recitations weekly. Credit, 3 semester hours.

304 INTRODUCTION TO ETHICS.

An attempt to answer the question: "What is the good Life?" Emphasis is placed on methods of approaching the problem both as it involves the individual and society. Spring; three recitations weekly. Credit, 3 semester hours.

306. PHILOSOPHY OF RELIGION.

An inquiry into the philosophical foundations of religious experience, the problems connected with belief and knowledge, faith and reason, the character and meanings of religious commitment. Spring; three recitations weekly. Credit, 3 semester hours.

307. PHILOSOPHY OF SCIENCE.

A study of the problems and human implications of the mathematical, physical biological and social sciences leading to philosophical synthesis of the relation of the sciences to man's life. Fall; three recitations weekly. Credit, 3 semester hours.

309. HISTORY OF PHILOSOPHY, ANCIENT AND MEDIEVAL.

A study of the development of philosophical thought from its inception among the early Greeks to the end of the medieval period. Fall; three recitations weekly. Credit, 3 semester hours.

310. HISTORY OF PHILOSOPHY, MODERN.

A study of the development of philosophical thought during the period usually referred to as modern. Spring; three recitations weekly. Credit, 3 semester hours.

311. PHILOSOPHY OF EDUCATION.

A critical analysis of the basic characteristics of alternative philosophical theories of learning, with their implications and application to schools. Fall; three recitations weekly. Credit, 3 semester hours.

404. PSYCHOLOGY OF RELIGION.

A study of the many psychological aspect of religion and their meaning for personality development. Spring; three recitations weekly. Credit, 3 semester hours.

RELIGION

111. ORIGIN AND BACKGROUND OF THE BIBLE.

A historical study of how the Bible reached its present form. Consideration of influence, which determined its content and literary style. Fall; two recitations weekly. Credit, 2 semester hours.

112. ARCHAEOLOGY AND THE BIBLE.

Results of the exploration and excavation in the Holy Land are studied for light shed on Biblical history, the art and civilization of Biblical peoples. Spring; two recitations weekly. Credit, 2 semester hours.

113. 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 in His day and the significance of His death and resurrection. Fall; three recitations weekly. Credit, 3 semester hours.

114. LIFE AND LETTERS OF PAUL.

A study of the life and world with special consideration of his preparation and missions, his style and subject matter. Spring; three recitations weekly. Credit, 3 semester hours.

211. 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 kings, the spiritual development of the people, and the literature of these periods. Fall; three recitations weekly. Credit, 3 semester hours.

212. SURVEY OF THE NEW TESTAMENT.

Beginning with the life of Christ and continuing through first century of Christianity, with emphasis on the writing of that age in correlation with the history of the Roman Empire. Spring; three recitations weekly. Credit, 3 semester hours.

311. PROPHETIC LITERATURE OF THE OLD TESTAMENT.

Prerequisite: Religion 211.

A study of the history and nature of prophecy, with special consideration given to the times and message of Amos, Hosea, Jeremiah, and Ezekiel. Fall; three recitations weekly. Credit, 3 semester hours.

312. RELIGIONS OF THE WORLD.

Prerequisite: English 201-202.

A survey and analysis of the great religious writings of the world, with emphasis on the life and teachings of Confucius, Buddha, and Mohammed. Spring; three recitations weekly. Credit, 3 semester hours.

313. OLD TESTAMENT LITERATURE.

Prerequisite: Religion 211.

A consideration of great stories of the **Old Testament** from "Genesis" to "Esther," with emphasis on their historical, literary, and ethical values. Fall; three recitations weekly. Credit, 3 semester hours.

314. NEW TESTAMENT LITERATURE.

Prerequisite: Religion 212.

A study of selected epistles, passages and "The Revelation" with special attention given to the purpose, religious teachings, and general content of each. Spring; three recitations weekly. Credit, 3 semester hours.

411. POETIC LITERATURE OF THE OLD TESTAMENT.

Prerequisite: Religion 211.

A study of "Job," the "Psalms," "Proverbs," "Ecclesiastes," and "Song of Solomon" with consideration of the literary form and

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

412. CHRISTIANITY AND MODERN PROBLEMS.

A consideration of the ethical teachings of the **New Testament** as they relate to society; special attention given to marriage, sexual relations, race prejudice, crime and other social problems. Spring; three recitations weekly. Credit, 3 semester hours.

413. PRINCIPLES OF RELIGIOUS EDUCATION.

A consideration of basic principles of education in the church. A survey of the organization for a program of religious education used by various churches. Fall; three recitations weekly. Credit, 3 semester hours.

414. HISTORY OF CHRISTIANITY.

Prerequisite: History 205-206.

A study of Christian life and thought and the development of the Christian Church after Paul through the time of Martin Luther; three recitations weekly. Credit, 3 semester hours.

Division of Sciences

Chairman: Cecil Conley

James M. Horton
Dusan Glumac
W. D. Harrison
James A. Jacobs

Francis Northup
Barbara A. Ransel
Andrew Ransom
Dennis L. Jackson

Objectives:

1. To afford students an opportunity to gain an understanding of themselves and their environment and thus be able to take a fuller, more satisfying role in society.
2. To train students in their ability to reason inductively and deductively and to encourage original thought.
3. To prepare teachers in the biological and physical sciences and mathematics for the elementary and secondary school.
4. To provide a background in subject matter and laboratory skills for curricula in which the fundamentals of the various sciences and mathematics are used.

5. To acquaint the non-professional student with the outstanding facts, theories, and principles of the sciences and mathematics, along with some application to industry and daily life.
6. To prepare students for graduate work and industrial positions.

AGRICULTURE

Head: Dennis L. Jackson

In addition to modern classrooms, offices and storage space, 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 aims of 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.

Requirements for a Minor in Agriculture:

Agriculture 151, 152, 251, 252.

Plus ten hours of advanced electives.

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.

The fundamentals of horticulture, 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 products. Laboratory fee \$3.00. Spring; two recitations, one double laboratory period weekly. Credit, 3 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.

454. AGRICULTURE ECONOMICS.

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

MATHEMATICS

Head: James A. Jacobs

The purposes of the Department of Mathematics are to acquire and practice the fundamental mathematical skills for which there

is a universal demand, 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 107, 108, 213, 312, 313, 421, 423.

Advanced elective hours in Mathematics, 6 hours.

Requirements for a minor:

Mathematics 107, 108, 213, 312.

Advanced elective hours in Mathematics, 9 hours.

Note: Mathematics 342 may not be used to fulfill the major or minor requirements.

105-106. FUNDAMENTALS OF MATHEMATICS.

Designed to give an introduction to Mathematics and to provide the Mathematical background that will prepare students to teach Modern Elementary School Mathematics. Emphasis is placed on basic concepts and techniques: Properties of addition, multiplication, inverses, systems of numeration, and the number line. Selected topics from Algebra and Geometry are studied. Fall, Spring: Three recitations weekly, Credit 6 semester hours.

107. 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.

108. PLANE TRIGONOMETRY.

Prerequisites: Plane geometry, Mathematics 107.

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.

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.

213. PLANE ANALYTIC GEOMETRY.

Prerequisites: Mathematics 107, 108.

A study of rectangular coordinates, loci, the straight line, the circle, conic sections, equations of the second degree, higher plane curves, and polar coordinates. Fall; four recitations weekly. Credit, 4 semester hours.

312. DIFFERENTIAL CALCULUS.

Prerequisite: Mathematics 213.

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. Spring; five recitations weekly. Credit, 5 semester hours.

313. INTEGRAL CALCULUS.

Prerequisite: Mathematics 312.

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

322. DIFFERENTIAL EQUATIONS.

Prerequisite: Mathematics 313.

Solution of elementary differential equations with various geometric and physical applications. Spring; three recitations weekly. Credit, 3 semester hours.

342. HISTORY OF MATHEMATICS.

Prerequisites: Mathematics 105-106, or 107, 108.

This course is designed to give a general view of the historical development of Mathematics; the lives and contributions of outstanding mathematicians. Spring; three 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. Fall 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. Spring; three recitations weekly. Credit, 3 semester hours.

421. INTRODUCTION TO HIGHER ALGEBRA.

Prerequisite: Mathematics 312.

Introduction to number theory, groups, integral domains, rings, and fields. Fall; three recitations weekly. Credit, 3 semester hours.

423. LINEAR ALGEBRA.

Prerequisite: Mathematics 421.

A study of the real number field, vector spaces, determinants, linear transformations, and matrices. Fall; three recitations weekly. Credit, 3 semester hours.

SCIENCES

Head: Cecil Conley

The purpose of the Department of Science is to acquaint the student with the scientific method as applied to the biological and physical phenomena of the universe, in order to understand the relationships governing these phenomena. The courses are designed to provide an understanding of the search for scientific knowledge, the techniques used in that search, and the important laws and theories of the major sciences.

Requirements for an Area of Concentration in Science* --54 hours

- | | |
|----------------------------------------------------------------|----|
| 1. Common foundation ----- | 30 |
| Mathematics ----- | 6 |
| Eight semester hours each from three
of the following ----- | 24 |
| Biology | |
| Chemistry | |
| Physics | |
| Earth Science | |
| 2. Concentration in one area ----- | 20 |
| Biology | |
| Chemistry | |
| Physics | |
| Earth Science | |

- | | |
|--------------------|---|
| 3. Electives ----- | 4 |
|--------------------|---|

* This meets the certification requirements for Science.

BIOLOGY

Requirements for a Major in Biology -----30 hours

- | | |
|-------------------------------------|----|
| Biology 101-102 ----- | 8 |
| Chemistry 211-212 ----- | 8 |
| Advanced Electives in Biology ----- | 14 |

Students majoring in Biology are re-
quired to earn credits in Calculus.

Requirements for a Minor in Biology -----18 hours

- | | |
|-------------------------------------|----|
| Biology 101-102 ----- | 8 |
| Advanced Electives in Biology ----- | 10 |

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 prerequisite 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.

Biology 301. ENTOMOLOGY

This is an introduction to the study of insects. Special em-

phasis is placed on common insects and on those that are either distinctly helpful or harmful to man. A collection with identification is required. Laboratory fee, \$3.00. Fall; one recitation, one double laboratory period weekly. Credit, 2 semester hours.

Biology 303. GENERAL PHYSIOLOGY.

A study of the function and responses of protoplasm. The frog is used as the main experimental animal. Laboratory fee, \$3.00. Spring; two recitations, one double laboratory period weekly. Credit, 3 semester hours.

Biology 310. INVERTEBRATE ZOOLOGY.

A course consisting of the study of representative species of the major phyla of the animal kingdom. Laboratory fee, \$3.00. Spring; one recitation, two double laboratory periods weekly. Credit, 4 semester hours.

Biology 311-312. 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.

Biology 315. MICROBIOLOGY.

This course consists of a study of the microscopic world. Bacteria and bacteriological techniques will be stressed. Recommended for nurses and lab technicians. Laboratory fee, \$3.00. Fall; two recitations, one double laboratory period weekly. Credit, 3 semester hours.

Biology 331. PLANT MORPHOLOGY.

A comprehensive survey of the plant kingdom dealing with the structure, reproduction, and form of plants. Life cycles of selected representative types will be covered. Fall; three recitations, one double laboratory period weekly. Credit, 4 semester hours. Laboratory fee, \$3.00.

Biology 340. PLANT TAXONOMY.

An introduction to systematic botany with emphasis on identi-

fication of the local vascular flora. Laboratory fee, \$3.00. Spring; three recitations, one double laboratory period weekly. Field trips as announced. Credit, 4 semester hours.

Biology 417. HEREDITY.

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

CHEMISTRY

Requirements for a Major in Chemistry -----30 hours

Chemistry 211-212 ----- 8

Physics 111-112 ----- 8

Advanced Electives in Chemistry -----14

Students majoring in Chemistry are required to earn credits in Calculus.

Requirements for a Minor in Chemistry -----18 hours

Chemistry 211-212 ----- 8

Advanced Electives in Chemistry -----10

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, \$2.00 (returnable at the end of the course, if unused). Fall, spring; three recitations, one double laboratory period weekly, Credit, 8 semester hours.

Chemistry 321-322. ORGANIC CHEMISTRY.

Prerequisites: Chemistry 211-212.

A study of the aliphatic and aromatic carbon compounds with special emphasis on structure and major reactions. Laboratory fee, \$3.00. Fall, spring; two recitations, two double laboratory periods weekly. Credit, 8 semester hours.

Chemistry 323. BIOCHEMISTRY.

The chemical constitution of living matter. Biochemical processes as well as compounds are studied. Fall; two recitations, two double laboratory periods weekly. Laboratory fee, \$3.00. Credit, 4 semester hours.

Chemistry 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.

Chemistry 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.

Chemistry 423. QUALITATIVE ORGANIC ANALYSIS.

Prerequisite: Chemistry 321-322

A study of class reactions, functional groups, separation, identification. Preparation of derivatives. Laboratory fee, \$3.00. Fall; two recitations, two double laboratory periods weekly. Credit, 4 semester hours.

Chemistry 424. QUANTITATIVE ORGANIC ANALYSIS.

Prerequisites: Chemistry 321-322.

Quantitative determination of carbon, hydrogen, nitrogen, the halogens, sulfur and various functional groups in organic materials, with emphasis on semimicro methods. Laboratory fee, \$3.00. Spring; two recitations, two double laboratory periods weekly. Credit, 4 semester hours.

EARTH SCIENCE

Requirements for a Minor in Earth Science -----18 hours

Geology 211-212 ----- 8

Advanced Electives in Earth Science ----10

Students minoring in Earth Science are
required to earn credit in Principles
of Geography.

Earth Science 211-212. GENERAL GEOLOGY.

A two-semester course designed to provide the student with a

basic background and understanding of the principles and processes of geology. (1) Physical Geology: rocks and minerals, erosion and sedimentation, vulcanism and diastrophism, and mineral deposits. (2) Historical Geology; sedimentary and tectonic systems, fossils, plant and animal evolution, and Pleistocene glaciation. Laboratory fee, \$3.00 per semester. Fall, spring; three recitations, one double laboratory period weekly. Credit, 8 semester hours.

Earth Science 341-342. METEOROLOGY AND CLIMATOLOGY.

An introductory study of weather and climate. Meteorology concerns the physical characteristics of the atmosphere, with emphasis on the factors which produce various weather conditions and the basic principles of weather forecasting. Climatology is the study of the earth's climatic types, casual factors and characteristics, classification, and areal extent. Fall, spring; three recitations weekly. Credit, 6 semester hours.

Earth Science 343. PHYSICAL REGIONS OF THE WORLD.

A survey of the major physiographic regions of the world by continents, with emphasis on geology, soils, vegetation, mineral resources, and conservation problems. Fall; three recitations weekly. Credit, 3 semester hours.

Earth Science 351. ASTRONOMY.

An introductory study of the solar system, stars, the Milky Way galaxy, extra-galactic systems, constellations and the evolution of the universe. Laboratory fee, \$3.00. Fall; three recitations, one double laboratory period weekly. Credit, 4 semester hours.

Earth Science 361. GEOMORPHOLOGY.

Prerequisites: Earth Science 211-212.

An advanced study of the earth's land forms, with emphasis on the evolution processes and the interpretation of common geomorphic features. Field trips as announced. Laboratory fee, \$3.00. Fall; two recitations, one double laboratory period weekly. Credit, 3 semester hours.

Earth Science 460. PHOTOGEOLOGY.

Prerequisite: Earth Science 361.

A course dealing with the study and interpretation of geologic

features through stereoscopic examination of aerial photographs. Spring; three recitations weekly. Credit, 3 semester hours.

PHYSICS

Requirements for a Major in Physics	30 hours
Physics 111-112	8
Chemistry 211-212	8
Advanced Electives in Physics	14
Students majoring in Physics are re-	
quired to earn credits in Differential Equations	
Requirements for a Minor in Physics	18 hours
Physics 111-112	8
Advanced Electives in Physics	10

Physics 111-112. GENERAL PHYSICS.

Prerequisites: A student must be enrolled in, or have completed Mathematics 107-108.

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 weekly. Credit, 8 semester hours.

Physics 211-212. COLLEGE PHYSICS.

Prerequisites: Physics 111-112 and a working knowledge of Calculus, or currently enrolled in Mathematics 312.

A course in the advanced treatment of mechanics, heat, electrostatics, electrodynamics, acoustics, modern physics, and electromagnetic radiation, with intensive work in problem working and laboratory measurement. Laboratory fee, \$3.00 per semester. Fall, spring; three recitations, one double laboratory period weekly. Credit, 8 semester hours.

Physics 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.

Physics 317. HEAT AND THERMODYNAMICS.

Prerequisite: Physics 211-212.

Fundamental principles of heat phenomena, laws of thermodynamics, equations of state for gases, changes of state, thermodynamic relations and their applications. Laboratory fee, \$3.00 per semester. Fall, spring; two recitations, one double laboratory period weekly. Credit, 3 semester hours.

Physics 318. LIGHT AND PHYSICAL OPTICS.

Prerequisites: Physics 112 and a working knowledge of Calculus.

Basic phenomena of geometrical and physical optics, including the study of wave motion interference refraction, diffraction, polarization, and physical optics. Spring; two recitations, one double laboratory period weekly. Laboratory fee, \$3.00. Credit, 3 semester hours.

Physics 319. SOUND AND ACOUSTICS.

Prerequisites: Physics 112.

A study of the basic theories in the field of sound and acoustics, with special application to the theory of musical sound. Laboratory fee, \$3.00. Fall; one recitation, one double laboratory period weekly. Credit, 2 semester hours.

Physics 421. NUCLEAR PHYSICS.

Prerequisites: Physics 111-112 and a working knowledge of Calculus.

This course includes atomic structure, Roetengen rays, radioactivity, isotopes, nuclear structure, nuclear reactions, nuclear fission, and radioactive tracers. Laboratory fee, \$3.00. Fall; two recitations, one double laboratory period weekly. Credit, 3 semester hours.

Physics 422. ELECTRICITY AND MAGNETISM.

Prerequisites. Physics 111 and a working knowledge of Calculus.

A study of electrostatics, magnetic and electrostatic fields, capacitance, dielectrics, electric machinery and meters. Laboratory fee, \$3.00. Spring; two recitations, one double laboratory period weekly. Credit, 3 semester hours.

SCIENCE

Science 105. SURVEY OF SCIENCE.

The survey course is required of all non-science majors. 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, or spring; three recitations weekly. Credit, 3 semester hours.

Science 316. ELEMENTARY PHOTOGRAPHY.

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

Division of Social Science

Chairman: Warren Irving Smith

Chambers, Samuel

Dial, Adolph L.

Freiwirth, Paul K.

Harrison, William Douglas

Thompson, Norma Jean

Miller, Max

Monks, George R.

Oxendine, Clifton

Silver, Samuel Augustus

Wolf, Victor William

BUSINESS

Head: Victor W. Wolf

In the field of Business, three majors are offered: Business Administration, Business Education, and Secretarial Administration, which furnish a foundation for graduate work in these fields. The program in Business Administration is designed for those students who, upon graduation, wish to enter into business or industry in a potential managerial capacity. The program in Business Education is designed for those men and women who wish to teach the skills and knowledges of business to high school youth. The Secretarial Administration program is designed for those men and women who wish to enter the secretarial and office management area of business. The broad education in business knowledges and skills and the background in arts and sciences provide the secretarial administration student with an excellent preparation for advancing rapidly to executive secretarial positions.

Requirements for a major in Business Administration, 30 semester hours, including:

Business 104; 109; 227-228; 321; 401; 404; 409; 424.

Elective hours in Business, 4 hours.

Note: Business Administration majors are required to minor in Economics.

Requirements for a major in Business Education:

Business 101; 102; 104; 109; 111; 112; 116; 201; 211; 227; 228; 303; 401; 403; 453.

Economics 201.

Requirements for a major in Secretarial Administration:

Business 101; 102; 104; 109; 111; 112; 116; 201; 202; 211; 212; 227; 228; 303; 401; 403; 453; 454.

Economics 201.

Requirements for a minor in Business:

Business 101; 102; 104; 109; 116; 201.

Business 111; 112; or

Business 227; 228.

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. Fall, or spring; two recitations weekly. Credit, 2 semester hours.

109. INTRODUCTION TO BUSINESS.

A beginning course giving a general survey of the types, functions, and practices of modern business and providing a foundation for work in specialized and advanced courses in business. Fall or spring; 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 dictation 80 words per minute and to transcribe easily and accurately. Fall, spring; five recitations weekly. Credit, 6 semester hours.

116. 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 on applied typewriting. The development of sustained production of various kinds of typewriting problems. A speed-building program to develop a high degree of skill. Laboratory fee \$3.00. Fall; three recitations weekly. Credit, 2 semester hours.

202. ADVANCED TYPEWRITING.

Prerequisite: Business 201.

A continuation of Business 201. Advanced typewriting problems and duplicating procedures. Laboratory fee \$3.00. Spring; three recitations weekly. Credit, 2 semester hours.

211. 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; five recitations weekly. Credit, 3 semester hours.

212. ADVANCED SHORTHAND.

Prerequisite: Business 211.

A continuation of rapid dictation and rapid translation. Ability to take dictation at 120 to 140 words per minute. Spring; five recitations weekly. Credit, 3 semester hours.

227; 228. 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.

303. BUSINESS CORRESPONDENCE.

An evaluation of current practices in business correspondence. Extensive practice in the application of the principles of modern English usage to business situations through the business letter. Spring; three recitations weekly. Credit, 3 semester hours.

321; 322. INTERMEDIATE ACCOUNTING.

Prerequisites: Business 227-228.

Continuation of courses 227-228, for the purpose of acquiring further knowledge of accounting for general business purposes or for the profession of accounting. Fall; two recitations, one double laboratory period weekly. Credit, 6 semester hours.

401. BUSINESS LAW I.

The general principles of business law, including contracts, negotiable instruments, partnerships, and corporations. Fall; two recitations weekly. Credit, 3 semester hours.

403. OFFICE MANAGEMENT.

Designed for training students to meet situations which will confront them in the modern business office—office standards, office control, physical facilities, general nature of office work, office personnel relations, and managerial control of office production. Fall; two recitations weekly. Credit, 2 semester hours.

404. BUSINESS LAW II.

Prerequisite: Business 401.

Continuation of 401. Emphasized topics: personal and real property, mortgages, bankruptcy, suretyship and trade regulations. Spring; three recitations weekly. Credit, 3 semester hours.

409. BUSINESS STATISTICS.

A study of Statistical methods appropriate for dealing with problems in business, with emphasis on simple, multiple, and par-

tial correlation; curve fitting, probability, and sampling distribution. Fall; three recitations weekly. Credit, 3 semester hours.

415. BUSINESS INVESTMENTS.

Prerequisites: Business 227-228.

An analysis of stocks and bonds, the management of borrowed capital, surplus and reserves. Fall; three recitations weekly. Credit, 3 semester hours.

416. BUSINESS INCOME TAX ACCOUNTING.

Prerequisites: Business 227-228.

A study of the accounting principles involved in the management of business enterprises under the requirements of Federal income tax laws. Spring; two recitations weekly and one double laboratory hour. Credit, 3 semester hours.

424. COST ACCOUNTING.

Prerequisites: Business 227-228.

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.

453. SECRETARIAL PRACTICE.

Designed to consolidate office skills in order to give the student a comprehensive understanding of the work in the business office and how that work relates to other areas of business as the instruction in filing and work experience in an office. Fall; two recitations weekly, one double laboratory period weekly. Credit, 2 semester hours.

454. OFFICE PRACTICE.

A continuation of the course in Secretarial Practice, preparing the student for work in an automated office, and furnishing practice in the use of many business forms. Spring; two recitations weekly, one double laboratory period weekly. Credit, 2 semester hours.

METHODS

Education 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.

HISTORY AND SOCIAL SCIENCES

Head: Warren I. Smith

Courses in History and the Social Sciences are offered with several purposes in mind: (1) to meet specific requirements for majors and minors in these fields of study; (2) to furnish a foundation for students who wish to continue with graduate or special work in these fields, or in law, government service, social service, or other related endeavors; (3) to broaden and deepen the individual's comprehension of the human experience and achievement by liberating him from the bondage of his own immediate environment and time; (4) to make possible an appreciation, and an intellectual and aesthetic enjoyment of the great periods and cultures of the past each for its own sake; (5) to make possible a more reasoned and intelligent reaction to the practical problems of his own life and contemporary society.

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

History 105-106; 205-206

Political Science, 3 hours (unless one minors in Political Science)

Elective hours in History, 18 or 24 hours

Requirements for a major in Social Sciences, 30 semester hours, including:

Economics 201

Geography 301

Political Science 301

Sociology 301

Elective hours in the four above subjects, 18 hours

Requirements for a major in Political Science, 30 semester hours, including:

Political Science 301

Elective hours in Political Science, 27 hours

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

History 105-106; 205-206

Elective hours in History, 12 hours

Requirements for a minor in Social Sciences, 18 semester hours, including:

Elective hours in Economics, Geography, Political Science, or Sociology

Requirements for a minor in Economics, 18 semester hours, including:

Economics 201-202

Elective hours in Economics, Economic History or Economic Geography, 12 hours.

Requirements for a minor in Political Science, 18 semester hours, including:

Political Science 301

Elective hours in Political Science, 15 semester hours,

Requirements for a minor in Sociology, 18 semester hours, including:

Sociology 301

Elective hours in Sociology, 15 hours.

Requirements for a minor in Geography, 18 semester hours, including:

Geography 201

Elective hours in Geography, or Earth Science 341, 342, or 343, 15 semester hours.

No course may be counted twice in meeting requirements for any major or minor offered by the department.

CERTIFICATION REQUIREMENTS FOR SOCIAL SCIENCE:

Minimum required hours must total 42, divided equally between History and the other Social Sciences. The 21 hours in Social Science must cover a minimum of three of the subject areas.

ECONOMICS

201. PRINCIPLES OF ECONOMICS.

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

202 PROBLEMS IN ECONOMICS.

An intensive study of major economic problems of domestic and international nature, stressing coordination between economic theory and application. Spring; three recitations weekly. Credit, 3 semester hours.

304. MONEY AND BANKING.

Prerequisite: 201-202.

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.

305. CONSUMER ECONOMICS.

Personal Economics with special emphasis on handling personal and family funds. Fall; two recitations weekly. Credit, 2 semester hours.

406. ECONOMIC SYSTEMS.

Prerequisite: 201-202.

A comparative study of alternative economic systems, including Communism, Socialism, Facism, and Capitalism. Spring; three recitations weekly. Credit, 3 semester hours.

407. ECONOMICS OF LABOR.

Prerequisite: 201-202.

The application of economic principles to the administration of modern labor organizations, wage determination, collective bargaining and public regulations. Fall; three recitations. Credit, 3 semester hours.

408. MARKETING.

Prerequisite: 201-202.

A study of the business and economic activities involved in marketing goods with the attention given to marketing tasks, in-

stitutions, policies, and consumer and governmental relationships. Spring; three recitations weekly. Credit, 3 semester hours.

409. NATIONAL INCOME.

Prerequisite: 201-202.

Critical survey of the conceptual framework and structure of national income and its components. Spring; 3 recitations weekly. Credit, 3 semester hours.

GEOGRAPHY

201. PRINCIPLES OF GEOGRAPHY.

An introduction to the concepts, methods, and nature of the field of geography as a chorographic science with major emphasis given to the essential facts necessary to recognize and understand the differences and similarities of the major geographic regions of the earth. Fall or spring; three recitations weekly. Credit, 3 semester hours.

304. CULTURAL REGIONS OF THE WORLD

A study of the major cultural regions of the world, with special consideration given to the major causal factors of cultural differentiation. Spring; three recitations weekly. Credit, 3 semester hours.

306. ECONOMIC GEOGRAPHY

A survey of the important phases of economic activity throughout the world, with respect to location, development, and distribution of agricultural products, major industries, and trade. Spring; three recitations weekly. Credit, 3 semester hours.

321. NORTH AMERICA

A regional study of the geography of North America, including Canada, United States, Mexico, and Middle America, with emphasis on the physical and cultural characteristics of each region. Fall; three recitations weekly. Credit, 3 semester hours

330. SOUTH AMERICA

A study of the physical regions and political units of South America, with special consideration being given to the geographic factors involved in the recognition of various political and eco-

conomic limitations and potentialities of the continent. Spring; three recitations weekly. Credit, 3 semester hours.

340. EUROPE

A survey of the geography of Europe by political units, with special attention being given to the geographical aspects of such problems as German reunification, the future of the European Economic Community, and European relations with the Communist Bloc. Spring; three recitations weekly. Credit, 3 semester hours.

351. GEOGRAPHY OF THE SOVIET UNION.

A geographic survey of the Soviet Union, with special emphasis on the development and location of Soviet agriculture and industry, geographical factors related to future economic planning and political relations. Fall; three recitations weekly. Credit, 3 semester hours.

HISTORY

105-106. 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.

205-206. WORLD HISTORY.

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

305. THE COLONIAL AND EARLY NATIONAL PERIODS OF AMERICAN HISTORY.

A study of the origin and development of leading American institutions and ideals through the administration of John Adams. Fall; three recitations weekly. Credit, 3 semester hours.

308. THE OLD SOUTH.

A political, economic and cultural study of this section, stressing the growth of sectionalism and the conflict that led to the Civil War in the United States. Spring; three recitations weekly. Credit, 3 semester hours.

309. THE NEW SOUTH.

A study of the postwar South and its effort to reemerge as a prosperous and equal partner in the American Union. Fall; three recitations weekly. Credit, 3 semester hours.

317. GREEK HISTORY.

A survey of Greek history: brief treatment of Minoan and Mycenaean origins; detailed account of the Hellenic Age and brilliant achievements of the Greek City-State; reasons for the collapse of Greek democracy and the City-State; rise of the Macedonian Monarchy; the career of Alexander the Great and the basic characteristics of the cosmopolitan Hellenistic culture that followed it, until Greece was overshadowed by the rising power of Rome. Fall; three recitations weekly. Credit, 3 semester hours.

318. ROMAN HISTORY.

A survey of Roman history from origins in a petty City-State to a universal Christian Empire: origins and development of the Republican Constitution; conquest of Italy and the Mediterranean world; detailed analysis of the fall of the Republic and establishment of the rule of the Caesars; growth of a universal Commonwealth under the Pax Romana; relations of the Imperial Government to Judaism and Christianity; the reign of Constantine and the triumph of Christianity. Spring; three recitations weekly. Credit, 3 semester hours.

327. HISTORY OF NORTH CAROLINA.

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

341. ECONOMIC HISTORY OF THE UNITED STATES.

Prerequisite: History 105-106.

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.

351. HISTORY OF ENGLAND.

A survey of the political, economic, and social development of

England, including the evolution of the Constitution, through the reign of Elizabeth Tudor. Fall; three recitations weekly. Credit, 3 semester hours.

352. HISTORY OF ENGLAND AND THE BRITISH EMPIRE, 1603 TO THE PRESENT.

A survey of the expansion of England, the industrial revolution, and the commonwealth of nation's after 1603. Spring, three recitations weekly. Credit, 3 semester hours.

353. RUSSIAN HISTORY.

A survey of Russian history with due attention to each major period: the creation of the Grand Principality of Kiev; the conversion of Russia; the Tartar Yoke; the emergence of Muscovite Russia as the heir of Byzantium and the "Third Rome"; the "Time of Troubles" and accession of the Romanov Dynasty; the westernization of Russia by Peter the Great and Catherine the Great; the Napoleonic invasion; problems and progress of 19th century Russia; the Revolution and the Soviet Regime. Fall; three recitations weekly. Credit, 3 semester hours.

354. AMERICAN HISTORY SINCE 1900.

An analysis of problems growing out of social, economic, and political conditions since 1900. Spring; three recitations weekly. Credit, 3 semester hours.

375; 376. CURRENT HISTORY.

A study of current events of historical importance, based on periodicals and newspapers. Fall, spring; one recitation weekly. Credit, 2 semester hours.

377. U. S. DIPLOMATIC HISTORY, 1607-1865.

A study of the following: the roots of isolationism in foreign affairs in the colonial and revolutionary period; a consideration of how foreign policy is formulated and conducted; a particular analysis of such policies as freedom of the seas, freedom of trade, and the Monroe Doctrine; an examination of the foreign policies of the United States and the Confederate States in the Civil War period. Fall; three recitations weekly. Credit, 3 semester hours. (This course may earn Political Science credit)

378. U. S. DIPLOMATIC HISTORY, 1865 TO THE PRESENT

A study of the following: the development of foreign affairs from traditional isolationism to world leadership; analysis of foreign policies such as imperialism, the Open Door, the Roosevelt Corollary to the Monroe Doctrine, and the Good Neighbor Policy; the intervention of the United States in two World Wars. Spring; three recitations weekly. Credit, 3 semester hours. (This course may earn Political Science credit)

379. HISTORY OF THE GERMAN NATION SINCE 1648.

A survey of basic events prior to 1648; the significance of the Treaty of Westphalia; the rise of Prussia; the contribution of Frederick the Great; Central Europe during the Napoleonic tribulations and the collapse of the Holy Roman Empire; the rivalry between Prussia and Austria for the primacy in the Germanies; the revolutionary movements of the 19th century; the unification of Germany and other achievements of Bismark; the failure of German diplomacy and events leading up to World War I; World War I; the Weimar Republic and the rise of Hitler; Germany and World War II; occupation and rehabilitation of Germany, and her role in the Cold War. Fall; three recitations weekly. Credit, 3 semester hours.

405. BYZANTIUM: ITS ROLE IN MEDIEVAL HISTORY

A survey of Byzantine history from the foundation of Constantinople in 330 to its fall to the Ottoman Turks in 1453: the conversion of Constantine and the foundation of the Christian Roman Empire of the East; the Oecumenical Councils and the definition of the Faith; the East survives the Germanic migrations and continues the traditions of Classical civilization for another thousand years; the first Byzantine Golden Age—the reign of Justinian and the attempted restoration of the Empire; the struggle with Islam and the Bulgars; the Iconoclastic Controversy; the second Byzantine Golden Age—the apogee of Byzantium under the Macedonian Dynasty; Byzantium and the Slavs—the creation of the Slavonic Church and conversion of Bulgaria and Russia; the Schism between Greek Orthodoxy and Roman Catholicism; the revival of Islam—the advent of the Seljuk Turks and the 11th century crisis; the third Byzantine Golden Age—the Dynasty of the Comneni and the Crusades from Byzantium's point of view; the dismemberment of the Empire by the Fourth Crusade—the Empire in exile; Byzantium and the creation of

the Serbian Church and State under the Nemanya Dynasty; the restoration of 1261 and last flowering of Byzantine civilization under the Dynasty of the Palaeologic; the final decadence and fall.

407. MEDIEVAL HISTORY.

A survey of major developments of the High Middle Ages; the Cluniac Reform and Investiture Controversy; the Moslem and Investiture Controversy; the Moslem and Byzantine Near East in the 11th century and the Schism of the Greek and Roman Churches; the First Crusade and the development of the Papal Theocracy; revival of commerce and urban life; the disaster of the Fourth Crusade; struggle of the Empire and Papacy. Fall; three recitations weekly. Credit, 3 semester hours.

408. RENAISSANCE & REFORMATION.

The decline of the Papal Church during the Babylonian Captivity, Great Schism, and Conciliar Movement; decay of secular institutions at the end of the Middle Ages; the revival of Classical learning, art, and ideals of life; the Italian and Northern Renaissance; Lutheranism, Calvinism, and Anglicanism, with a consideration of the political and economic as well as religious causes of the Reformation; the Catholic Reformation. Spring; three recitations weekly. Credit, 3 semester hours.

410. AGE OF REASON.

Emphasis on intellectual, social, and cultural aspects of the 17th and 18th centuries in Europe; creation of the absolute monarchy in France and the Golden Age of French classical culture; the Court of Versailles; the Port-Royal Movement and the Jansenist Controversy; the 17th century literary Salon; the "New Astronomy" and the Intellectual Revolution; Descartes and Rationalism; influence of the English Revolution and the 18th century Salon; the "Philosophes" and the intellectual assault on the Old Regime; Deism and the assault on traditional Christianity; Rousseau as the apostle of radical revolutionary theory and of the romantic reaction; Walpole and the Gothic Revival. Spring; three recitations weekly. Credit, 3 semester hours.

412. HISTORY OF LATIN AMERICA.

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

413. REVOLUTIONARY EUROPE 1774-1815.

A study of the revolutionary changes in France and Europe during the French Revolution and the Napoleonic period. Fall; three recitations weekly. Credit, 3 semester hours.

414. NINETEENTH CENTURY EUROPE.

A study of the last great century heavily influenced by the Ancient Regime and yet a study of the century that provided the basic foundation for the present. Spring; three recitations weekly. Credit: 3 semester hours.

416. TWENTIETH CENTURY WORLD.

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

418. SECTIONALISM AND CONFLICT IN ANTE-BELLUM AMERICAN HISTORY.

A study from the time of Thomas Jefferson of the sectionalism and conflict that led to civil war in the United States. Spring; three recitations weekly. Credit, 3 semester hours.

420. CIVIL WAR AND RECONSTRUCTION, 1861-1877.

An analysis of the causes of the Civil War; the military, diplomatic and economic aspects of the War; Presidential and Congressional Reconstruction; corruption of the Grant regime; virtual disappearance of the Planter Class as a leadership group; emergence of the poor whites of the South; impact of Reconstruction legislation on the emergence of the New South. Spring; three recitations weekly. Credit, 3 semester hours.

422. IMPERIALISM, THE RISE AND FALL OF THE SECOND EUROPEAN EMPIRES.

A survey of the emergence of the second Empires of France and Britain in the Nineteenth Century. A careful study of these Empires with particular emphasis upon their decline and the new States that emerge to become the majority in the present day U.N. Spring; three recitations weekly. Credit, 3 semester hours.

424. U. S. SOCIAL AND INTELLECTUAL HISTORY.

The daily life, institutions, intellectual and artistic achievements of the American people from 1607 to the present. 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. Fall or Spring; three recitations weekly. Credit, 3 semester hours.

302. PROBLEMS IN AMERICAN GOVERNMENT.

Prerequisite: Political Science 301.

A complementary course to Political Science 301, offering the student an opportunity to acquaint himself systematically with the best thought on a wide range of internal public problems with emphasis placed on government policies toward business, labor and agriculture. Spring; three recitations weekly. Credit, 3 semester hours.

303. COMPARATIVE GOVERNMENT.

Prerequisite: History 205-206.

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

306. STATE AND LOCAL GOVERNMENT.

An analytical study of the organization and administration of state and local government. Spring; three recitations weekly. Credit, 3 semester hours.

Political Science 307. U. S. CONSTITUTIONAL LAW AND HISTORY.

A study of the growth and development of the American constitutional system, emphasizing: English and colonial origins; the Revolution, Articles of Confederation, and the Constitution; the establishment of the new government; Jeffersonian Republicanism; John Marshall and Nationalism; Jacksonian Democ-

racy; the nullification controversy; slavery and sectionalism; the Civil War and reconstruction; the revolution in due process of law; governmental efforts to restore competition; the Progressive Era; the Twenties; the New Deal; a new era in civil liberties; and recent constitutional trends. Fall; three recitations weekly. Credit, 3 semester hours. (This course may earn History credit).

401. POLITICAL PARTIES AND INTEREST GROUPS IN THE UNITED STATES.

Prerequisite: Political Science 301.

The party system and elections in the United States; organization, function and present-day problems. Fall; three recitations weekly. Credit; 3 semester hours.

403. AMERICAN POLITICAL THOUGHT.

Prerequisite: Political Science 301.

Main currents in American theory. Fall; three recitations weekly. Credit; 3 semester hours.

Political Science 405. SOVIET GOVERNMENT.

A study of the government that emerged after the revolution of 1917, emphasizing the subsequent power struggle and gradual development of the U.S.S.R. Fall; three recitations weekly. Credit, 3 semester hours.

SOCIOLOGY

301. PRINCIPLES OF SOCIOLOGY.

A course designed to introduce the student to the general field of society and its problems with special attention given to social conflicts quantitative aspects of population, social control, and social progress. Fall; three recitations weekly. Credit, 3 semester hours.

304. RURAL SOCIOLOGY.

Prerequisite: Sociology 301.

A study of rural problems and institutions with special emphasis given to the rural school, the country church, the grange, and

the farm home. Spring; three recitations weekly. Credit, 3 semester hours.

305. URBAN SOCIOLOGY.

Prerequisite: Sociology 301.

A study of the place and function of the city in the life of the modern world. Fall, three recitations weekly. Credit, 3 semester hours.

306. POPULATION PROBLEMS.

Prerequisite: Sociology 301.

A study of population composition, growth, migration, and vital processes. Spring; three recitations weekly. Credit, 3 semester hours.

401. THE FAMILY.

Prerequisite: Sociology 301.

A course planned to assist the student in developing perspective concerning the problems of marriages 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. Fall; three recitations weekly. Credit, 3 semester hours.

403. SOCIAL PROBLEMS.

Prerequisite: Sociology 301.

An examination of the process of disorganization in Contemporary Society, treating such symptoms as crime, alcoholism, mental diseases, poverty and unemployment as well as the disorganization of such institutions as the family. Fall; three recitations weekly. Credit, 3 semester hours.

405. CRIMINOLOGY.

Prerequisite: Sociology 301.

The nature of crime; the statistics of criminal behaviour; the nature of the criminal; the causes of conditions of illegal behavior; theories and practices in the treatment of criminals and the prevention of crime. Fall; three recitations weekly. Credit, 3 semester hours.

406. RACE RELATIONS.

Prerequisite: Sociology 301.

A survey of the scientific and historical question of race; a study of culture in various inter-racial areas; a prospective for the discussion of race relations and the present conditions and problems of our minority groups. Spring; three recitations weekly. Credit, 3 semester hours.

METHODS**Education 352. TEACHING SOCIAL STUDIES.**

A course covering the aims of history, types of recitation, methods of study, methods of presentation, written work, testing results, text books, library equipment, maps, and other study aids. Required of all students planning to teach history and the social sciences. Spring; six recitations weekly, half semester. Credit, 3 semester hours.

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