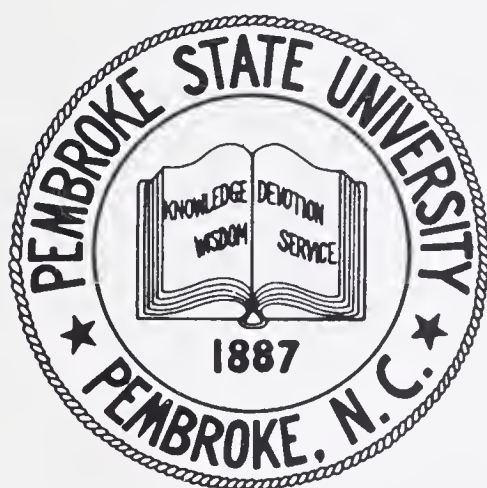


pembroke state university

General Catalog
1971-1972



PEMBROKE STATE UNIVERSITY



**CATALOG
1971-1972**

Mailing address: Pembroke, North Carolina 28372

Main telephone number: Area Code 919, 521-4214

Pembroke State University is a fully accredited member of the Southern Association of Colleges and Secondary Schools, the National Council for Accreditation of Teacher Education, the American Association of Colleges for Teacher Education, the Association of American Colleges, and the North Carolina Association of Colleges and Universities.

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CALENDAR 1971-72

August 22	Sunday, 8:00 a.m. - Dormitories Open for Freshmen
August 23	Monday, 9:00 a.m. - Freshmen Orientation Program Begins, Dormitories Open for Upperclassmen
August 24	Tuesday, 8:00 a.m. - Upperclassmen Registration
August 25	Wednesday, 8:00 a.m. - Freshmen and Transfer Registration
August 26	Thursday, 8:00 a.m. - Classes Begin
September 3	Friday, 5:00 p.m. - Last Day to Add or Drop Classes with "W" Grade
September 6	Monday - Labor Day - Holiday
October 25	Monday, 5:00 p.m. - Mid-Semester; Last Day to Withdraw from Classes with "WP" Grade
November 23	Tuesday, 5:00 p.m. - Thanksgiving Holidays Begin
November 29	Monday, 8:00 a.m. - Classes Resume
December 6-10	Monday-Friday - Preregistration for Spring Semester
December 10	Friday, 5:00 p.m. - Classes End
December 13-17	Final Examinations
December 17	Friday, 5:00 p.m. - Christmas Vacation Begins
December 18	Saturday, 12:00 noon - All Dormitories Close
January 5	Wednesday, 1:00 p.m. - All Dormitories Open
January 6	Thursday, 8:00 a.m. - Upperclassmen Register for Spring Semester
January 7	Friday, 8:00 a.m. - Freshmen and Transfer Registration for Spring Semester
January 10	Monday, 8:00 a.m. - Classes Begin
January 19	Wednesday, 5:00 p.m. - Last Day to Add or Drop Classes with "W" Grade
February 21	Monday - Washington's Birthday - Holiday
March 3	Friday, 5:00 p.m. - Mid-Semester; Last Day to Withdraw from Classes with "WP" Grade
March 3	Friday, 5:00 p.m. - Spring Vacation Begins
March 4	Saturday, 12:00 noon - All Dormitories Close
March 12	Sunday, 12:00 noon - All Dormitories Open
March 13	Monday, 8:00 a.m. - Classes Resume
March 30	Thursday, 5:00 p.m. - Easter Holidays Begin
April 4	Tuesday, 8:00 a.m. - Classes Resume
April 17-21	Monday-Friday - Preregistration for Fall Semester and Advanced Registration for the First Session of Summer School
May 5	Friday, 5:00 p.m. - Classes End
May 8-12	Monday-Friday - Final Examinations
May 14	Sunday - Commencement
May 15	Monday, 12:00 noon - All Dormitories Close

SUMMER SCHOOL

June 4	Sunday, 12:00 noon - All Dormitories Open
June 5	Monday, 8:00 a.m. - Registration for First Summer Session
June 6	Tuesday, 8:00 a.m. - Classes Begin
July 7	Friday - End of First Summer Session
July 10	Monday, 8:00 a.m. - Registration for Second Summer Ses- sion
July 11	Tuesday, 8:00 a.m. - Classes Begin
August 11	Friday - End of Second Summer Session
August 12	Saturday, 12:00 noon - All Dormitories Close



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Trustees, Administration, and Faculty



BOARD OF TRUSTEES

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 HAL W. LITTLE
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 E. T. LOWRY

LEROY MARKS
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 JOHN W. OXENDINE
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 PURNELL SWETT

ADMINISTRATIVE OFFICERS

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RICHARD C. PISANO, B.S., M.Ed., Ed.D.	<i>Associate Dean for Academic Affairs and Director of Summer School</i>	✓
CARL M. FISHER, B.S., M.S., Ph.D.	<i>Dean of Student Affairs</i>	✓
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WILLIAM S. MASON, JR., B.S.	<i>Business Manager</i>	
EDNA FAYE JONES, B.S., M.A.	<i>Associate Dean of Student Affairs</i>	
CHARLES GRIFFITH, B.S., M.A.	<i>Assistant Dean of Student Affairs</i>	
JOHN L. CARTER, A.B.	<i>Registrar</i>	
JASON B. LOWRY, B.A., M.A.	<i>Director of Admissions</i>	
TERRY R. HUTCHINS A.B., J.D.	<i>Director of Institutional Research</i>	
ESTHER D. MAYNOR, B.S.	<i>Financial Aid Officer</i>	
GENE WARREN, B.A.	<i>Director of Public Information</i>	
W. MASON MATHEWS, B.A., M.A., Ph.D.	<i>University Counselor</i>	✓
FREDERICK R. WEBER, B.S., M.A.	<i>Director of Placement</i>	
L. MILES RAISIG, B.S., M.S.L.S.	<i>Director of Library Services</i>	

LIBRARY STAFF

L. MILES RAISIG, B.S., M.S.L.S.	<i>Director of Library Services</i>	
BILLIE FAYE EVANS, B.S., M.A.	<i>Catalog Librarian and Supervisor of Technical Processes</i>	
VIRGINIA D. JACKSON, B.A.	<i>Serials Librarian</i>	
DAVID L. LITTLE, B.S., M.S.	<i>Reference Librarian and Supervisor of Public Services</i>	
JUANITA O. LOCKLEAR	<i>Circulation Librarian</i>	
WALTER S. MUSGROVE, B.A., M.S.L.S.	<i>Library Bibliographer</i>	
JEAN B. SPIVEY, B.A.	<i>Assistant Cataloger</i>	
CARLETTA BERNICE THOMPSON, B.A., M.S.L.S.	<i>Night Public Services Librarian and Acting Head, Acquisitions</i>	

ADMINISTRATIVE AND SECRETARIAL STAFF

CAMMIE ALFORD	<i>Cashier</i>	
JACQUELINE BLEVINS	<i>Secretary to the Department of History and Political Science</i>	
DORIS A. BREWINGTON	<i>Secretary to the Purchasing Agent</i>	
NORMIE BULLARD	<i>Secretary to the Director of Library Services</i>	
HORACE BURNETTE	<i>Superintendent of Buildings and Grounds</i>	
WILLIAM S. CHESTNUT, C.P.A.	<i>Accountant</i>	
JOYCE COX	<i>Secretary to the Registrar</i>	
ANNIE P. CUMMINGS	<i>Secretary to the Departments of Mathematics and Physical Science</i>	

- QUERLON CUMMINGS *Supervisor, Central Supply and Duplicating*
 THERESA DECARLO *Secretary to the Administrative Ass't.
 to the President*
 LINDA DEESE *Language Laboratory Supervisor*
 ELIZA JANE DIAL *Switchboard Operator*
 PAULETTE DIAL *Secretary to the Director of
 Institutional Research*
 KAREN L. FERREE *Secretary, Library*
 JILL HARRIS *Secretary to the Director of Placement*
 FAYE HODGE *Secretary to the Accountant*
 MARK H. HUCKERIEDE, M.D. *Physician*
 ELMER HUNT *Photographer*
 LOIS A. JACOBS *Secretary to the Dean of Student Affairs*
 HALENE LLOYD *Secretary to the Department of Music*
 BARBARA LOCKLEAR *Secretary to the Associate Dean for Academic
 Affairs and Director of Summer School*
 BRENDA LOCKLEAR *Secretary to the Department of Education*
 CHRISTINE LOCKLEAR *Bookkeeper*
 JEANETTE LOCKLEAR *Secretary, Registrar's Office*
 JOYCE LOCKLEAR *Secretary to the Department of Biology*
 KATE LOCKLEAR *Secretary to the Business Manager*
 PEARL LOCKLEAR *Secretary to the Department of Health
 and Physical Education*
 SUE D. LOCKLEAR *Secretary to the Department of English*
 BETTY LOVELL *Secretary to the Director of Admissions*
 BRENDA LOWRY *Secretary, Registrar's Office*
 LESSIE MCARTHUR, L.P.N. *Assistant Nurse*
 SUE ANN MAYNOR *Librarian, Curriculum Laboratory*
 LEE E. NEVILLE *Student Union Manager*
 PRENTISS ODOM *Data Processing Manager*
 BRENDA OXENDINE *Secretary, Admissions Office*
 NORMA OXENDINE *Library Processing Assistant*
 SALLY OXENDINE, L.P.N. *Assistant Nurse*
 CAROL J. PAUL *Secretary to the Departments of Foreign
 Languages, Philosophy and Religion, and
 Sociology and Geography*
 JOANN PEARSON *Key Punch Operator*
 BERTEEN PRINE *Secretary to the President*
 JULIAN RANSOM *Purchasing Agent*
 MAUREEN REGAN *Secretary to the Dean of the University*
 EVA SAMPSON, R.N. *Nurse*
 KATIE LEE SAMPSON *Secretary, Deans' Office*
 TRACY SAMPSON *Mail Clerk*
 MONNIE SANDERSON *Secretary to the Director of Public Information*
 RUBY NEAL SMITH *Bookkeeper*
 KAYE ST. CLAIR *Secretary to the Departments of Art,
 Home Economics, and Speech and Drama*
 REGGLE STRICKLAND *Assistant Student Union Manager*
 LINDY WOOD *Secretary to the Student Union Manager*

*6 For book store
 7 Dads. : manual
 + terminal
 125 - Ph D's
 9 Ed D's
 2 Th. D's
 DPE*

THE FACULTY

RANDALL WILLIAM ACKLEY, B.A.

1970

Associate Professor of English
 B.A., University of Minnesota; Ph.D. Candidate

✓GEORGE THOMAS AMMONS, B.S., C.P.A.

1965

Instructor of Business Administration and Economics ✓
 B.S., University of North Carolina

*5 - Administrative
 Assistant
 Secretary*

GAIL BEGGS, M.A.

1970

Assistant Professor of Speech and Drama ✓
B.A., M.A., University of Arkansas

ROBERT W. BIRCHFIELD, A.B.

1967

Associate Professor of Sociology
A.B., University of Southern California; Ph.D. Candidate

CHARLES E. BISHOP, M.A.

1969

Instructor of Health and Physical Education ✓
B.S., M.A., East Carolina University

JAMES G. BLOODSWORTH, Ed.D. |

1970

Associate Professor of Education
B.S.; M.Ed., Lamar Tech.; Ed.D., McNeese State

GERALD C. BORLAND, M.S.

1968

Associate Professor of Geology
B.A., Pennsylvania State University; M.S., University of Arizona

THEODORE F. BOUSHY, Ph.D. |

1968

Professor of History
B.A., Oklahoma Baptist University; B.D., Southern Baptist Theological Seminary; M.A.; Ph.D., University of Oklahoma

ROBERT FRANKLIN BRITT, Ph.D. 2

1960

Professor of Biology
B.A.; M.A.; Ph.D., University of North Carolina

ELLEN JANE BRYAN, M.A.E. ✓

1970

Instructor of Health and Physical Education
B.S., Pembroke State University; M.A.E., East Carolina University

WILLIAM ROBERT BULLARD, Jr., M.A.*

1966

Assistant Professor of History ✓
B.A., St. Andrews Presbyterian College;
M.A., University of North Carolina

LOREN LEONARD BUTLER, II, M.A.

1966

Assistant Professor of History ✓
B.A.; M.A., University of Arkansas

AVERY JOHN BUTTERS, Ph.D. 3

1965

Professor of History
A.B., Passionist Fathers Seminary; M.A.; M.Ed., Boston College;
M.S. in L.S., Catholic University of America; Ph.D., Fordham University

HARVEY L. CARNES, M.A.

1968

Associate Professor of Sociology

A.B., Asbury College; B.D., Asbury Theological Seminary;
M.A., University of North Carolina

VIRGINIA MILLICENT CARRAWAY, M.A.

1969

Instructor of Art ✓

B.S.; M.A., East Carolina University

WILLIAM G. CARTER, Jr., Ph.D. ✓

1969

Associate Professor of Biology

B.S., Davidson College; M.A.; Ph.D., Duke University

JAMES E. CARVER, Ph.D. 5

1969

Professor of English

B.A., University of Richmond; M.A., University of North Carolina;
Ph.D., New York University

JOHN CHAY, Ph.D. 6

1969

Associate Professor of History and Political Science

A.B.; A.M.; A.M.L.S.; Ph.D., The University of Michigan

CHANG H. CHO, D.P.A. >

1968

Associate Professor of Political Science

LL.B., Yonsei University; M.A., American University;
D.P.A., George Washington University

RHODA P. COLLINS, M.Ed.

1967

Assistant Professor of Education ✓

B.A.; M.Ed., University of North Carolina

EDWIN WOOTEN CRAIN, M.A.

1965

Associate Professor of Physical Education

B.S.; M.A., Appalachian State University

WILLIAM HOWARD DEAN, M.A.

1968

Associate Professor of Education

B.S.; M.A., East Carolina University

ADOLPH L. DIAL, Ed.M.

1958

Associate Professor of History and Political Science

B.A., Pembroke State University; Ed.M.; C.A.G.S., Boston University

RONALD L. DICE, M.A.T.**

1970

Instructor of French

A.B.; M.A.T., Indiana University

WILLIAM L. DUDLEY, M.A.E. ✓

1970

Instructor of Business Administration and Economics.
B.S.; B.A.; M.A.E., East Carolina College

ALBERT DAREN DUNAVAN, M.A.

1965

Associate Professor of Speech and Drama
B.S.; M.A., University of Nebraska

DAVID L. EASLEY, Ph.D. 7

1971

Associate Professor of Psychology
B.S., Millsaps College; Ph.D., Vanderbilt University

JAMES BOYER EBERT, A.M.

1956

Associate Professor of Science
B.S., Louisiana State University and A. & M. College;
A.M., Duke University

ANNIE MERLE ELAM, M.S. ✓

1968

Instructor of Home Economics
B.S., Pembroke State University; M.S., University of North Carolina

DAVID ELIADES, M.A. ✓

1967

Assistant Professor of History
A.B., University of North Carolina; M.A., East Carolina University

HAROLD T. ELLEN, M.A.

1967

Assistant Professor of Physical Education
A.B., Elon College; M.A., East Carolina University

MARGARET M. EPSTEIN, Ph.D. 8

1969

Professor of French
B.A., McMaster University; M.A.; Ph.D., Bryn Mawr College

BILLIE F. EVANS, M.A.

1967

Catalog Librarian and Supervisor—Technical Processes
B.S., East Carolina; M.S., Appalachian State University

JAMES S. FARMER, M.A.

1957

Associate Professor of English
B.A.; M.A., University of North Carolina

MARJORIE L. FARMER, M.A.

1965

Assistant Professor of English ✓
B.A., Tift College; M.A., University of North Carolina

CARL M. FISHER, Ph.D. 9

1967

Professor of Education

B.S.; M.S.; Ph.D., Florida State University

GILES R. FLOYD, Ph.D. 12

1969

Professor of English

A.B., Wofford College; M.A., Vanderbilt University;
Ph.D., University of Iowa

PAUL K. FREIWIRTH, Ph.D. 11

1962

Professor of History

Th.B., Atlantic Union College; M.A., Potomac University;
Ph.D., University of Maryland

LACEY E. GANE, Ed.M.

1965

Associate Professor of Physical Education

B.A., Elon College; Ed.M., University of North Carolina

GRACE EVELYN GIBSON, M.A. ✓

1966

Assistant Professor of English

B.A., University of North Carolina; M.A., Duke University

JEFFREY J. GORDON, M.S. ✓

1971

Instructor of Geography

B.A., State University of New York;
M.S., The Pennsylvania State University

AGNES O. GREENE, M.A. ✓

1968

Instructor of Home Economics

B.S., Florida Southern College; M.S., Northern Michigan University

MAGNOLIA O. GRIFFITH, M.A.

1970

Instructor of Business Education ✓

B.S.; M.A., Appalachian State University

ROBERT K. GUSTAFSON, Th.D. 1

1969

Professor of Philosophy and Religion

B.A., University of California at Los Angeles;
B.D.; Th.M.; Th.D., Union Theological Seminary in Virginia

MORRIS L. HAMILTON, M.S. ✓

1970

Assistant Professor of Mathematics

B.S., University of Georgia; M.S., Georgia Institute of Technology

JAMES S. HEALY, M.A.** ✓

1970

Instructor of History and Political Science
B.A., Mars Hill College; M.A., University of Maine

FRANCIS R. HODGES, M.A.* ✓

1968

Instructor of History
B.A., Wake Forest University; M.A., Emory University

JAMES F. HUBBARD, M.A.

1965

Associate Professor of Psychology
B.A., University of Richmond; B.D., Union Theological Seminary;
Th.M., Union Theological Seminary; M.A., University of Richmond

WAYNE HAROLD HUNTER, M.A. ✓

1966

Assistant Professor of English
B.A., Louisiana Polytechnic Institute; M.A., University of Arkansas

JAMES ARNOLD JACOBS, Ed.M.

1937

Associate Professor of Mathematics
B.S., Murray State College; Ed.M., Duke University

DORIS BAUMANN JOHNSON, Ed.M. ✓

1966

Assistant Professor of Music
B.M., Syracuse University; Ed.M., The University of Buffalo

KENNETH PETRIE JOHNSON, Pe.D. |

1964

Professor of Physical Education
B.S., Cortland State Teachers College; Ed.M., St. Lawrence University
Pe.D., Indiana University

EDNA FAYE JONES, M.A. ✓

1966

Instructor of Education
B.S.; M.A., East Carolina University

ENGLISH E. JONES, L.L.D. ✓

1956

Professor of Science
B.S., University of Kentucky; M.S., North Carolina State University;
L.L.D., Wake Forest University

KEYHANY KEEM, M.S.

1970

Associate Professor of Mathematics
B.S.; M.S., University Southern Mississippi; Ph.D. Candidate

J. D. KELLY, M.F.A. ✓

1970

Instructor of Art
B.F.A., Dayton Art Institute; M.F.A., Tulane University

KENNETH G. KERSH, Ed.D. 2

1961

Professor of Education

A.B.; B.S., Arkansas Polytechnic College;
M.Ed.; Ed.D., University of Arkansas

ROBERT E. KERSHAW, Jr., M.F.A. ✓

1970

Instructor of Art

B.A., Pennsylvania State University; M.F.A., East Carolina University

PAUL W. KILLIAN, M.A. ✓

1967

Assistant Professor of Psychology

A.B.; M.A., East Carolina University

MIN-CHUAN KU, Ph.D. 12

1965

Professor of Political Science

L.L.B., National Cheng-chi University, China;
M.A., University of Michigan; Ph.D., New York University

DAVID K. KUO, Ph.D. 13

1966

Associate Professor of Biology

B.S., National Taiwan University; M.F.; Ph.D., University of Georgia

ELIZABETH H. H. KUO, M.A. ✓

1967

Assistant Professor of Geography

B.S., National Taiwan University; M.A., University of Georgia

JESSE M. LAMM, Ed.D. 3

1969

Associate Professor of Education

B.S., M.A., East Carolina University; Ed.D., New York University

LOIS BARRETT LEWIS, Ed.S.

1963

Associate Professor of English

B.A.; M.A., University of Akron; Ed.S., George Peabody College

ROBERT M. LEWIS, M.F.A. ✓

1970

Instructor of Art

B.S., Atlantic Christian College; M.F.A., University of North Carolina

DAVID L. LITTLE, M.A.

1969

Reference Librarian and Supervisor, Public Services

B.S., Fayetteville State University; M.A., New York University

REBA M. LOWRY, M.A.

1935

Associate Professor of Romance Languages

B.A., Maryville College; M.A., University of Tennessee

NORMAN W. MACLEOD, M.A.

1967

Associate Professor of English

B.A., University of New Mexico;
M.A., Teachers College, Columbia University

JEROME A. McDUFFIE, M.A. ✓

1965

Assistant Professor of History

B.A., Pembroke State University; M.A., Wake Forest College

JOSEPH A. MCGIRT, M.A. ✓

1965

Assistant Professor of Biology

B.S., Pembroke State University; M.A., George Peabody College

I. RUTH MARTIN, M.R.E.

1953

Associate Professor of Religion

B.A., Meredith College; M.R.E., Southwestern Baptist
Theological Seminary; M.A., Emory University

ROBERT L. MASON, M.S. ✓

1967

Assistant Professor of Biology

B.S., Morris Harvey College; M.S., Ohio University

SIDNEY T. MATHEWS, Ph.D. 14

1970

Professor of History and Political Science

B.A., University of Richmond; Ph.D., Johns Hopkins University

W. MASON MATHEWS, Ph.D. 15

1970

(Professor Emeritus of Psychology) X

B.A.; M.A.; Ph.D., University of Iowa

HAROLD D. MAXWELL, M.S. ✓

1967

Assistant Professor of Biology

B.S.; M.S., Tennessee Polytechnic Institute

MARGARET E. MOORE, M.A. ✓

1967

Assistant Professor of English

B.A., Wooster College; M.A., Teachers College, Columbia University

L. L. MURRAY, Ed.D. 3

1965

Professor of Education

B.A., Atlantic Christian College; M.A., East Carolina University;
Ed.D., University of Florida

WALTER SHELDON MUSGROVE, M.S.L.S.

1966

Library Bibliographer

B.A., University of Florida; M.S. in L.S., Atlanta University

ANDRÉ JOSEPH NADEAU, Ph.D. 16

1969

Professor of Health and Physical Education

B.S., Appalachian State University; M.A., New York University;
Ph.D., University of Iowa

RUTH HELEN NIXON, Ed.D. 4

1968

Professor of Education

A.B.; M.A.; Ed.D., University of California

CLIFTON OXENDINE, M.A.***

1939

Professor of History

B.A., McKendree College; M.A., George Peabody College

GERALD L. PARKER, M.Ed. ✓

1968

Assistant Professor of Education

A.B., Marion College; M.Ed., University of North Carolina

REGINA M. PARKER, M.S. ✓

1968

Instructor of Home Economics

B.S.; M.S., Murray State University

KENNETH W. PAULI, Ph.D. 17

1967

Professor of Speech and Drama

B.A., Wesleyan University; M.A., Teachers College, Columbia University;
Ph.D., Stanford University

RAYMOND B. PENNINGTON, Ed.D. 5

1963

Professor of Health and Physical Education

B.S., East Carolina University; Ed.M., University of North Carolina
Ed.D., Duke University

ADELFA PEREZ-CRUZ, Doctor en Pedagogia ✓

1968

Instructor of Spanish

Doctor en Pedagogia, Universidad De La Habana

FRANCIS LOUIS PFEIFER, D.M.E.

1966

Associate Professor of Music

A.B., Panhandle A&M College; M.A., University of Wyoming;
D.M.E., Chicago Musical College of Roosevelt University

RICHARD CHARLES PISANO, Ed.D. 6

1967

Professor of Education

B.S., Potsdam State Teachers College; M.Ed., Florida State University
Ed.D., Columbia University

GEORGE W. POLHEMUS, M.A.

1965

Associate Professor of English

B.A.; M.A., University of Mississippi

L. MILES RAISIG, M.S.L.S.

1969

Director of Library Services

B.S., University of Virginia; M.S.L.S., State University of New York

ANDREW RANSOM, Ed.M.

1956

Associate Professor of Chemistry and Physics

B.S., Pembroke State University; Ed.M., Ohio State University

ELMA LOUISE RANSOM, M.A.

1958

Associate Professor of Music

B.S.; M.A., Ohio State University

GEORGE ROSS RIDGE, Ph.D. 18

1970

Professor of English

A.B., University of Chattanooga; A.M., Harvard University;
M.L.S.; Ph.D., Emory University

JOHN A. ROBERTS, Ph.D. 19

1970

Associate Professor of Music

B.M., Oklahoma City University; M.M., Eastman School of Music
Ph.D., Louisiana State University

THOMAS EDWARD ROSS, M.S. ✓

1969

Instructor of Geography

B.A.; M.S., Marshall University

RAYMOND J. RUNDUS, Ph.D. 26

1970

Professor of English

B.S., College of Emporia; M.A., Wayne State University
Ph.D., University of Nebraska

JOHN T. RUSSELL, Ph.D. 20

1969

Professor of Education

A.B., Oberlin College; B.D., Seabury-Western Theological Seminary;
S.T.M., The University of the South; Ph.D., Indiana University

GILBERT LANE SAMPSON, M.A. ✓

1966

Assistant Professor of Mathematics

B.S., Pembroke State University; M.A., University of Arkansas

NAHIR SANCHEZ, M.A.

1970

Visiting Lecturer in Spanish-Fulbright Teacher Exchange Program

KARL A. SCHEELE, Ph.D. 21

1965

Professor of Business Administration and Economics

M.A., Northwestern University; Ph.D., University of Berlin

MARIANNE S. SCHEELE, M.A. ✓

1965

Assistant Professor of German and French

B.S., Presbyterian College; M.A., Middlebury College

DENNIS G. SEAGLE, M.B.A. ✓

1970

Instructor of Business Administration and Economics

B.S.; M.B.A., East Carolina University

EDMUND SHAY, D.M.A.** ✓

1970

Assistant Professor of Music

B.S.; M.S., Juilliard School of Music; D.M.A., University of Cincinnati

JANIE BRITT SILVER, Ed.D. 7

1960

Professor of Education

B.S.; M.B.A., University of Georgia; Ed.D., University of Mississippi

HAROLD C. SLAGLE, Ed.D. 8

1969

Professor of Music

B.M.E.; M.M., University of Nebraska; Ed.D., University of Illinois

P. ALBERT STUDDARD, Th.D. 2

1970

Associate Professor of Philosophy and Religion

B.A., Mercer University; B.D., New Orleans Baptist Seminary;

M.A., University of Louisville; Th.D., Southern Baptist Theological Seminary

ROGER HOLM TAYLOR, M.A. ✓

1969

Assistant Professor of Music

B.M.E.; B.M., Shenandoah Conservatory of Music;

M.A., Madison College

HAROLD J. TEAGUE, Ph.D. 22

1970

Associate Professor of Physical Science

B.S., Methodist College; M.S.; Ph.D., North Carolina State University

1
[CARLETTA BERNICE THOMPSON, M.S.L.S.

1970

Night Public Services Librarian

B.A.; M.S.L.S., North Carolina Central University

NORMA JEAN THOMPSON, M.A.* ✓

1963

Assistant Professor of Business Education

B.S., Pembroke State University; M.A., Appalachian State University

DANIEL E. TODD, Jr., Ph.D. 23

1969

Professor of Education

B.S.; M.S., East Carolina University; Ph.D., University of North Carolina

HENRY TRAMER, Ph.D. 27

1970

Professor of Mathematics

B.S.; M.S., Rensselaer Polytechnic Institute; Ph.D., Johns Hopkins University

J. MARSHALL TRIEBER, Ed.D. 9

1967

Professor of English

B.S., Purdue University; M.A., University of Arkansas;
Ed.D., North Texas State University

HOWARD D. TYNER, Ph.D. 24

1967

Professor of Physical Science

B.S., Illinois Wesleyan University; M.S., Kansas State University;
Ph.D., University of Wisconsin

PAUL VAN ZANDT, M.F.A. ✓

1969

Instructor of Art

B.F.A., Oklahoma State University; M.F.A., Tulane University

JOHN S. WALLINGFORD, Ph.D. 25

1970

Associate Professor of Physical Science

B.Phys.; M.Ed., University of Minnesota; M.S.; Ph.D.,
Florida State University

GEORGE R. WALTER, M.M.* ✓

1967

Assistant Professor of Music

B.M., West Virginia University; M.M., Indiana University

EDWARD D. WATKINS, M.S. ✓

1970

Instructor of Sociology

B.S., Southwest Missouri State College;
M.S., Kansas State College of Pittsburg

MAUDE ANN WEBB, M.A. ✓

1967

Assistant Professor of Health and Physical Education
B.S.; M.A., East Carolina University

JAMES KERMIT WEEKS, M.B.A. ✓

1969

Instructor of Business Administration
B.A., Methodist College; M.B.A., East Carolina University

ANN REAVES FENNEGAN WELLS, M.A.

1960

Associate Professor of English
B.A., Coker College; M.A., East Carolina University

RUDY DE'WAYNE WILLIAMS, M.A.* ✓

1968

Instructor of French
B.A., Millsaps College; M.A., University of Mississippi

VICTOR W. WOLF, M.B.A.

1958

Associate Professor of Business Administration and Economics
Handelskandidat, Sivilokonom, Norges Handelshoyskole

YI-HSIUNG YU, Ph.D. 26

1968

Associate Professor of Mathematics
B.S., Cheng Kung University; M.S.; Ph.D., West Virginia University

* On leave

** National Teaching Fellow

*** Emeritus

FACULTY STANDING COMMITTEES 1970-71

NOTE: The first person named serves as chairman.

COMMITTEE ON COMMITTEES:

Dr. Karl A. Scheele, Mr. Harvey L. Carnes, Mr. Loren L. Butler II, Mrs. Grace E. Gibson, Mr. James F. Hubbard, Mr. James A. Jacobs, Dr. Kenneth P. Johnson, Dr. David K. Kuo

COMMITTEE ON ADMISSIONS AND ACADEMIC STANDARDS:

Dr. Francis L. Pfeifer, Mrs. Marjorie Farmer, Mr. George W. Polhemus, Mr. Andrew Ransom, Mr. Gilbert L. Sampson, Mr. Jason B. Lowry, Mr. John L. Carter, Dr. Kenneth Kersh, Miss Jackie Smith (student), Miss Carolyn Eastwood (student)

COMMITTEE ON CURRICULUM:

Dr. Robert F. Britt, Mr. Robert W. Birchfield, Jr., Dr. Avery J. Butters, Dr. Margaret M. Epstein, Dr. L. L. Murray, Dr. J. Marshall Trieber, Dr. Howard D. Tyner, Mr. Victor W. Wolf, Mr. John L. Carter, Mr. L. Miles Raisig, Dr. Kenneth Kersh, Mr. Eric Lupo (Student), Mr. Bill Palmer (student)

COMMITTEE ON LIBRARY AND INSTRUCTIONAL MATERIALS:

Dr. Daniel E. Todd, Jr., Mrs. Marianne Scheele, Mr. Gerald C. Borland, Dr. Giles R. Floyd, Mr. James K. Weeks, Mr. L. Miles Raisig, and the Vice President of the Student Government

COMMITTEE ON PROGRAMS

Mrs. Doris B. Johnson, Mrs. Annie M. Elam, Dr. Chang H. Cho, Mr. Wayne H. Hunter, Mr. Joseph A. McGirt, Miss I. Ruth Martin, Dr. Kenneth W. Pauli, Mr. James A. Jacobs, and the President and the Social Representative of the Student Government

COMMITTEE ON RANK, PROMOTION, AND FACULTY WELFARE:

Mr. Adolph L. Dial, Dr. Raymond B. Pennington, Mr. James B. Ebert, Mrs. Reba M. Lowry, Mrs. Ann F. Wells, Dr. Kenneth Kersh

COMMITTEE ON STUDENT AFFAIRS:

Mrs. Lois B. Lewis, Mrs. Margaret E. Moore, Mr. David K. Eliades, Dr. Jesse M. Lamm, Mrs. Elma L. Ransom, Dr. Carl M. Fisher, Mr. Leonard Ballard (student), the President of the Student Government, and the President of the Women's Residence Council

COMMITTEE ON INTERCOLLEGIATE ATHLETICS AND INTRAMURAL SPORTS:

Mr. William H. Dean, Miss Maude Ann Webb, Mr. Robert L. Mason, Mr. Harold D. Maxwell, Mr. Walter S. Musgrove, Mr. Paul Van Zandt, Mr. Lacey Gane, and the Athletic Representative of the Student Government

Teacher Education Committee

Dr. L. L. Murray, Education; Dr. Raymond J. Rundus, English and Foreign Languages; Dr. Francis L. Pfeifer, Fine Arts; Dr. John S. Wallingford, Science and Mathematics; Dr. Daniel E. Todd, Jr., Educational Foundations; Mr. David K. Eliades, Social Studies; Mr. William H. Dean, Student Teaching; Dr. Carl M. Fisher, Student Affairs (ex officio); Mrs. Teresa Dodson, Elementary Education (student); Mrs. Reba Marie Loibner, Secondary Education (student)

II. General Information



II. GENERAL INFORMATION

HISTORICAL SKETCH

In 1887 the General Assembly of North Carolina authorized establishment of a normal school for Indians in Robeson County. This legislation, which included an appropriation of only five hundred dollars, required the local Indians to provide a building within two years on pain of having the act repealed if they failed to do so. A four-member board, composed of Robeson County Indians, was named to inaugurate the new school and guide its development.

With money raised by local subscription these trustees purchased an acre of land one mile west of Pembroke and erected thereon a two-story building with lumber and labor donated by residents of the area. W. L. Moore, a leading Indian teacher, became the first principal of the new school which opened in the Fall of 1887 with fifteen pupils. In 1889 the General Assembly increased the appropriation to one thousand dollars, and this level of support was continued for many years. In 1909 the school was removed to its present location, and in 1921 the legislature appropriated seventy-five thousand dollars to build a large, modern structure which was ready for use in 1923. This building now known as "Old Main" still stands on the front campus.

Although it had been legally designated a "normal school" from the beginning, the institution did not offer work beyond the elementary level during its early years. After its relocation in 1909 steady growth occurred, secondary and vocational courses were added, and in 1912 the first high school graduate was turned out. Two additional students completed the high school curriculum in 1914, but after that year the program languished and it was not until 1922 that a fourth person achieved high school graduation from the institution. In 1924, when the graduating class included seven members, the school was given a "standard" classification by the State High School Inspector.

Until 1926 only elementary and high school courses were offered, but in that year a normal program was inaugurated, and the phasing out of the elementary offerings was begun. In June, 1928, the first normal class was graduated, and the State Board of Education recognized the institution as a "Standard Normal School."

During these years the name of the institution underwent successive changes. First called the Croatan Normal School, it was in 1911 rechristened the Indian Normal School of Robeson County.

In 1928 the last of the elementary classes were eliminated from the curriculum and only high school and normal programs were continued. In the early 1930's college classes were initiated, and by 1938 three full years of college work were available. The high school and college branches were separated in 1939 when a fourth year of college work was added, and in June, 1940, the first college degrees were conferred. In keeping with these changes, the Legislature in 1941 renamed the school Pembroke

State College for Indians, and in 1949 shortened the name to Pembroke State College.

Until 1945 only Robeson County Indians were eligible for admission to Pembroke, but in that year the legislature authorized admission of Indians other than those who resided in Robeson County. In 1953 the doors were opened to such white persons as might "be approved by the Board of Trustees." Following the public school desegregation decision of the Supreme Court of the United States in 1954 the school was opened to qualified applicants without regard to race, religion, or national origin.

The General Assembly of North Carolina granted regional university status to the institution on July 1, 1969, changing the name to Pembroke State University.

LOCATION

Pembroke State University occupies 47 acres located along the western edge of the town of Pembroke in Robeson County, North Carolina. It is easily accessible by automobile, being only ten miles from Interstate 95 and two miles from U.S. 74. Passenger service is available on the Seaboard Coast Line Railway and the National Trailways Bus Company. Commercial air line service is available at the Fayetteville Municipal Airport, which is approximately 30 miles from the campus.

THE PURPOSE OF THE UNIVERSITY

When the 1969 General Assembly of North Carolina passed legislation redesignating Pembroke State College as Pembroke State University, it also spelled out very clearly the purpose of the Regional Universities of North Carolina. According to General Statute 116-44.10, Item B, the purpose is:

The regional universities shall provide undergraduate and graduate instruction in the liberal arts, fine arts, and sciences, and in the learned professions, including teaching, these being defined as those professions which rest upon advanced knowledge in the liberal arts and sciences; and said regional universities shall provide research in the liberal arts and sciences, pure and applied. The regional universities shall provide other undergraduate and graduate programs of instruction as are deemed necessary to meet the needs of their constituencies and of the State. Regional universities insofar as possible shall extend their educational activities to all persons of the State who are unable to avail themselves of their advantages as resident students by means of extension courses, by lectures, and by such other means and methods as may seem to the boards of trustees and administrative officers as most effective. The president and professors of each regional university shall have the power of conferring all such degrees or marks of distinction as are conferred by colleges or universities, including the doctor's degree. All degree programs or marks of distinction offered or conferred by and with the

consent of the board of trustees of the university and subject to the approval of the North Carolina Board of Higher Education and in any case doctoral programs shall not be offered before the completion of the study on the role of regional universities as required by G.S. 116-44, 16, and consistent with appropriations made therefor.

ACCREDITATION

Pembroke State University is accredited by the Southern Association of Colleges and Schools, the National Council for Accreditation of Teacher Education, the American Association of Colleges for Teacher Education, the Association of American Colleges, the North Carolina Association of Colleges and Universities, and the North Carolina Department of Public Instruction.

BUILDINGS AND GROUNDS

Old Main, first occupied in 1923, contains a six-hundred seat auditorium, faculty and departmental offices, and numerous classrooms.

The Gymnasium, completed in 1940, contains classrooms and offices used by the Physical Education department as well as a basketball court and various training facilities.

Sampson Hall, completed in 1949, houses the university administration offices. It was named for Oscar R. Sampson, a long-time chairman of the University Board of Trustees.

Locklear Hall, opened in 1950 and named for Anderson Locklear, a leading educator of Robeson County, formerly housed the division of science. With the completion of the new science building, Locklear Hall became the home of the departments of Education and Psychology.

Moore Hall, dating from 1951, contains a three-hundred seat auditorium and classrooms, offices, and studios used by the Art, Music, and Home Economics departments. This building was named for Reverend W. L. Moore, the first teacher of the Indian normal school at Pembroke.

The President's House, completed in 1952, is located on the western side of the campus.

Home Economics Residence House, opened in 1965, is an instructional facility used for residence training of home economics majors.

The D. F. Lowry Student Center, completed in 1965, contains the mailroom, student supply store, snack bar and soda fountain, and lounge and recreational areas. The center was named for Reverend D. F. Lowry, the first person to graduate from the Indian normal school.

Jacobs Hall, dating from 1961, is a men's dormitory which has a capacity of 134 students. This dormitory was named for

Reverend L. W. Jacobs who served as chairman of the Board of Trustees for 30 years.

Wellons Hall, opened in 1965, is a men's dormitory with a capacity of 100 students. This structure was named for Dr. Ralph D. Wellons who served as President of the university from 1942 through 1956.

West Hall is a women's dormitory which offers accommodations to 200 students.

The Music Annex, attached to Moore Hall in 1965, contains facilities for the university band and chorus, as well as practice room and faculty offices.

The University Cafeteria, built in 1959, was renovated and enlarged in 1966. It is now capable of seating 300 persons in the main dining room, and 24 in a smaller room intended for use by private groups, conferences, etc.

The University Infirmary, opened in the spring of 1967, contains examination and treatment rooms, offices for the university nurse and physician, and 22 beds for treatment of in-patients.

The Mary Livermore Library, capable of housing 200,000 volumes, was completed in 1967.

The Science Building, completed in 1967, affords classrooms, laboratories, and offices for the departments of Biology, Physical Science, and Mathematics.

The Business Administration Building, completed in 1969, affords classrooms and offices for the departments of Business Administration and Economics and English.

The Maintenance Buildings are located on the northwest corner of the campus. They contain shops, offices, and garage facilities for university vehicles.

The Central Receiving Depot is located beside the Maintenance Building. All deliveries of supplies and materials are received here.

South Hall, completed in 1970, is a women's dormitory which offers accommodations to 200 students.

III. The Admissions Process



III. THE ADMISSIONS PROCESS

REGULAR ADMISSION

Students are admitted to Pembroke State University by the Director of Admissions in accordance with policies recommended by the Faculty Committee on Admissions and Academic Standards and approved by the faculty and trustees. The admissions policy is a selective one based upon consideration of (1) College Entrance Examination Board scores, (2) high school academic record, (3) standing in high school graduating class, and (4) recommendations of guidance counselors and principals.

The following procedures must be observed by applicants:

1. Submission of a properly executed application form obtained from the Director of Admissions.
2. Submission of College Entrance Examination Board scores.
3. Submission of a properly executed medical examination form secured from the Director of Admissions.
4. Submission of official transcripts showing secondary work and high school graduation.
5. Payment of a \$10.00 application fee. This fee is non-refundable and is not applicable towards any other cost.
6. All forms and documents to support the application should be received by the Director of Admissions no later than June 30 to be considered for admission to the freshman class entering in the following September.

The Committee on Admissions and Academic Standards reserves the right to make decisions on any application for admission, based on the individual merits of that application.

COLLEGE OPPORTUNITY PROGRAM

The College Opportunity Program is designed for those students who do not meet Pembroke State University's regular admission standards. After successfully completing this ten-week summer program, which is designed to help students acquire skills essential for university success, the participants are admitted to Pembroke State University as regular students. The first five-week session of the College Opportunity Program consists of developmental courses. In these courses, which do not carry credit toward graduation, the student receives instruction in his weakest academic areas. If the student makes satisfactory progress during the first session, he returns second session. During the second session, the student takes regular university courses which carry credit toward graduation. Students who maintain a 1.50 quality point average during the second session may return fall semester. From this point, academic eligibility is determined by using the Eligibility Scale in the 1971-72 Pembroke State University Catalog. Only residents of the state of North Carolina are eligible for this program.

TRANSFER STUDENTS

Students who wish to transfer from other colleges or universities must be eligible to return to the institution last attended.

Students on academic probation at the institution last attended are eligible to enter Pembroke State University as transfer students on academic probation.

Transfer students must complete all of the steps outlined in procedures for application on page 30 and in addition must submit to the Director of Admissions complete official transcripts from all colleges or universities attended.

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

Transfer applicants with fewer than 32 semester hours and 64 quality points must meet all the entrance requirements of Pembroke State University for a freshman.

Credit earned in other institutions is transferable to Pembroke State University under the following conditions:

1. Only credit earned with a grade of C or better can be transferred.
2. The credit must have been earned in an accredited school.
3. The credit must have been earned in courses equivalent to those offered at Pembroke State University, and must be such as can be properly fitted into the student's proposed program.

To insure proper consideration all forms and documents to support the application should be received by the Director of Admissions prior to June 30, for the fall semester, and prior to December 1, for the spring semester.

RETURNEE STUDENTS

Any student who has withdrawn from Pembroke State University for any reason must reapply through the office of the Director of Admissions. The application for readmission is available by request from the Admissions Office.

To insure proper consideration the application must be received by June 30, for the fall semester and prior to December 1 for the spring semester.

Whenever a student not in good standing transfers from Pembroke State University to a Community College or a Junior College, he shall not be readmitted to Pembroke State University until he has finished the two-year course and earned the AA degree from such a school.

The Committee on Admissions and Academic Standards reserves the right to make decisions on any application for readmission, based on the individual merits of that application.

SPECIAL STUDENTS

Persons who wish to enroll for university classes without entering a degree program may be admitted as special students. Such special students may not later become degree candidates unless they have been admitted to the university as regular students. Persons interested in entering Pembroke as special students should ask the Director of Admissions for information and applications forms. Special students pay tuition, registration, and general fees only.

PART-TIME STUDENT

“Part-time student” refers to a student who is regularly admitted to Pembroke State University and is registered for less than 12 hours in a Fall or Spring semester. This work may be applied toward a degree program provided that students in this category have the written approval of the Associate Dean for Academic Affairs *prior* to their registration for a given semester. Students in a part-time status taking six hours or more are charged all fees; however, the tuition charge is based on hours taken. Part-time students taking less than six hours are not required to pay the student activity fee, the health and accident insurance, or the health service; all other fees apply.

AUDITING

All persons *not officially registered* in the university, who desire to audit a course during the regular academic year, must secure permission from the Instructor and the Associate Dean for Academic Affairs. A fee of \$10.00 will be charged per semester hour for each course. A prospective auditor, who has secured approval from the Instructor and the Dean, will pay the auditing fee to the cashier. A copy of the cashier’s receipt must be filed with the Instructor at the beginning of the semester.

Students officially registered in the university, who desire to audit a course, must secure permission from the Instructor and the Associate Dean for Academic Affairs. The fee of \$10.00 WILL NOT be charged.

No quizzes, examinations, or other written work should be given and no grade report for courses audited.

No record is kept of courses audited, and no entry is made on the student’s permanent record. No evidence of courses audited will be shown on transcripts issued.

Courses audited must not be shown on registration approval forms or any other official registration forms. Auditing students should not be included in figures reported on the permanent record of courses.

Persons wishing to audit courses in the Summer Session must obtain the permission of the Director of the Summer Session and the Instructor.

SUMMER SESSION

Regular students entering Pembroke for the first time in the summer session, as either beginning freshmen or transfer students, must meet all requirements and follow all the procedures set forth on page 30. Transient students, that is, students who are enrolled in other colleges or universities, and who are taking courses at Pembroke for transfer to their home institutions, must submit a form available in the Summer School office showing that they are in good standing in their home institution and are permitted to enroll in Pembroke by their Dean or Registrar. Admission of a transient student to the summer

session *does not constitute admission to the university*. In-service teachers who wish to attend summer sessions must submit an application form obtainable in the Summer School Office. Summer School Bulletin may be obtained from the Director of Summer School.

CONTINUING EDUCATION DIVISION

Pembroke State University Division of Continuing Education is designed to offer educational opportunities to mature members of the community who, for various reasons, are unable to meet the demands of regular academic year programs. Courses are offered on the undergraduate level for credit, delayed credit, or noncredit.

This program will provide an opportunity for individuals within commuting distance to complete their first year of college study by enrolling in evening classes on the campus of Pembroke State University.

The program also provides self-improvement opportunities for those not interested in course credit, but who are more concerned with the realization of personal potential and making contributions as responsible citizens.

A limited amount of off-campus extension work can be taken at Richmond Technical Institute, Hamlet, North Carolina. Students may enroll in Richmond Technical Institute and work toward successful completion of certain courses which may enable them to transfer to the campus of Pembroke State University.

For further information concerning the Continuing Education Program, write to the Associate Dean for Academic Affairs, Pembroke State University.

PENALTY FOR FALSIFICATION

Any student who supplies false or misleading information or conceals pertinent facts in order to secure admission to Pembroke State University will be immediately dismissed from the university and will be ineligible to receive any credit at Pembroke State University.

IV. Academic Regulations



IV. ACADEMIC REGULATIONS

CLASSIFICATION OF STUDENTS

Regular students at Pembroke are classified according to the number of semester hours they have earned in keeping with the following table:

Fewer than 32 hours—Freshmen
 32 to 64 hours—Sophomore
 65 to 95—Junior
 95 Plus—Senior

STUDENT LOAD

The normal student load is 15 to 18 hours in any one semester, and students must carry at least 12 semester hours each semester in order to be classified as full-time students. Persons whose cumulative quality point average is 3.0 or higher, earned at Pembroke State University, and current Dean's List students may be permitted to carry as many as 21 semester hours with the approval of their major adviser and the Associate Dean for Academic Affairs. Any consideration other than these must be approved by filing a petition in the Associate Dean's Office. Students on academic probation may not carry fewer than 12 nor more than 15 semester hours in any one semester. No more than 7 semester hours may be taken during any summer session. For the purpose of computing student load, courses in which a student is enrolled as an auditor are counted.

GRADING SYSTEM

The following system of grading is employed at Pembroke:

A—Excellent	I—Incomplete
B—Good	W—Withdrawal
C—Average	WP—Withdrew Passing
D—Below Average	WF—Withdrew Failing
F—Failure	IW—Failure because of irregular withdrawal

The "I" or incomplete grade is given when the student is unable to complete the work required because of illness or some other unavoidable circumstance, and unless removed within one semester will be recorded as an "F." When computing quality point averages the "I" is figured as an "F."

A grade of "W" means that the student has been permitted to drop a course within the time allowed for adding courses after the beginning of a semester. The grade "W" will not be counted as a course attempted when computing quality point averages. After the time allowed for adding courses has passed, "WP" or "WF" grades will be given to those who withdraw from classes.

The grade "WP" indicates that the student has been permitted to withdraw from a course while he is doing satisfactory work. The grade "WP" will not be counted as a course attempted.

The grade "WF" means that a student has been permitted to withdraw from a course while his work is below passing stan-

dards. A grade of "WF" will count as a course attempted.

The grade "IW" is given to students who withdraw from courses irregularly without observing prescribed procedures for dropping a course or withdrawing from the University. The "IW" grade will count as a course attempted.

REGISTRATION

Registration for classes is accomplished in two steps: pre-registration and final registration. During the pre-registration period students confer with their faculty advisers and prepare their class schedules for the next semester. At final registration, at the beginning of each term, they pay their fees, fill in personnel cards, and make any schedule changes which are necessary.

DROPPING AND ADDING COURSES

After a student has completed final registration his class schedule can be changed only by the drop-and-add procedure. To accomplish this the student must secure the approval of his adviser, the instructors concerned, and the Associate Dean for Academic Affairs. A drop-add-form properly endorsed must be presented to the Business office and the Registrar. The period within which courses may be added or dropped with a W grade is indicated in the university calendar.

CLASS ATTENDANCE

Students are expected to attend all classes regularly, and excessive absences may result in failure. The authority to determine whether a class absence is to be excused or unexcused is delegated to the instructor of the class, except that absences caused by personal illness, illness or death in the immediate family, participation in a university sponsored activity, or an activity approved for instructional purposes are to be excused. The burden of proving the cause of an absence is, however, upon the student, who must submit such information as the instructor may require.

In interpreting this regulation, "immediate family" will mean parents, grandparents, siblings, spouse, and children; "university sponsored activity" will be limited to representing the University in regularly scheduled athletic contests, intercollegiate debates, or officially sponsored appearances of the university instrumental or singing groups—the activities of social, political, and religious clubs are not to be considered university sponsored activities; an "activity approved for instructional purposes," will mean class field trips previously approved; and "special cases" may be allowed by the Associate Dean for Academic Affairs where in his judgment and upon the recommendation of the head of the department in which the student is doing his major work, the cause of the absence is of sufficient academic merit as to warrant it. These cases, which are expected to be rare, might include such things as internship in the North Carolina Government, etc.

Students are reminded that instructors are encouraged to take the roll regularly and that only work missed during an excused

absence can be made up. Work missed during an unexcused absence automatically receives a score of "O," as does work not made up after an excused absence.

ACADEMIC ELIGIBILITY

Academic eligibility at Pembroke State University is based upon the quality point average which a student earns. These points depend upon the grade received and are assigned for each semester hour of credit earned as follows:

- A Grade—4 quality points
- B Grade—3 quality points
- C Grade—2 quality points
- D Grade—1 quality point
- F Grade—0 quality points

Quality point average is determined by dividing the total number of quality points earned by the total number of semester hours *attempted in any and all institutions attended*. There are two different quality point computations which are important in determining the academic eligibility of a student. The first of these, known as the *cumulative quality point average*, results from dividing the total number of quality points earned at Pembroke by the total number of semester hours attempted here. The other, known as the *semester quality point average*, is obtained by dividing the total quality points earned in any given semester by the number of hours attempted during the same period. Hours for which the grades W or WP are recorded are not included as hours attempted. Credit hours earned in other institutions and transferred to Pembroke are not considered when making quality point computations, except when computing for graduation with honors.

MINIMUM SCHOLASTIC REQUIREMENTS

To remain eligible to attend Pembroke State University during a regular fall or spring semester, a student must maintain the designated balance between *semester hours attempted and cumulative quality point average* in accordance with the schedule presented below.

Semester Hours Attempted	Minimum Cumulative Quality Point Average
32	1.250
48	1.375
64	1.500
80	1.625
96	1.750
112	1.875
128	2.000

If at any time the student fails to comply with the above schedule, he will be academically ineligible to continue in the regular (fall/spring) academic program.

Pembroke State University students who are academically ineligible may enroll for Continuing Education Division (evening) classes and/or for the summer session to make up academic deficiencies. The student may be reinstated to the regular academic program when he meets the requirements as set forth in the above schedule.

A student who has earned less than a 2.0 average for the semester will have the designation, "Warning: Semester Average Unsatisfactory," indicated on his grade report.

In order to receive a degree from Pembroke State University the candidate must have attained a cumulative quality point average of at least 2.0 in all work attempted at this institution. In addition, he must have a 2.0 in his major field.

Regulations concerning academic eligibility are subject to constant revision and change. In the event of a change, all students will conform to the newer regulation regardless of catalog entry date.

HONORS

Students who attain a cumulative quality point average of 3.80 or higher are graduate *summa cum laude*. Those who attain a minimum cumulative quality point average of 3.50 are graduated *magna cum laude*, and those whose cumulative quality point average is at least 3.00 are graduated *cum laude*. 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 of the senior year, has completed at least 48 semester hours of work in residence at Pembroke State University, and who has not received a grade of "F" during his college or university career.

All credits earned at institutions other than Pembroke State University will be considered in computing for graduation with honors.

DEAN'S LIST

The Dean's List, issued at the close of each semester, contains the names of students who, while carrying at least 15 semester hours, have attained a minimum semester quality point average of 3.4.

REQUIREMENTS FOR GRADUATION

A minimum of 128 semester hours is required for graduation. The candidate must also meet all requirements in general education as well as those in his major and minor fields. A minimum quality point average of 2.0 in all work attempted at Pembroke State University is also required. In addition, the candidate must present a 2.0 overall average in his major field. In addition to meeting the academic requirements for graduation, the student must also have the recommendation of the faculty before he can receive a degree.

All candidates for degrees must complete a minimum of 32 semester hours in residence at Pembroke State University during

the regular school year (not in summer school). The last semester prior to graduation must be done in residence at Pembroke State University. A minimum of 9 semester hours in the major field and at the upper division level must be earned at Pembroke State University.

No more than 20 semester hours earned in extension courses may be applied to meet the degree requirements at this institution, and no credit earned by correspondence will be accepted for any purpose.

Transfer students who have completed Freshman English in other institutions, students who pass English 105 or 106 with a D grade, and those who are designated by a faculty member as deficient in English, must pass an English Proficiency Test administered by the English department before they are eligible to receive a degree from Pembroke State University. Students failing the English Proficiency Test should register for English 200, English Proficiency, satisfactory completion of which excuses the student from re-taking the English Proficiency Test.

Transfer students must take this test during their first semester at Pembroke State University. Others take it during the semester in which they will have earned 60 semester hours of university credit.

Students are responsible for making application for the degree. This application must be made on a form provided by the Registrar's office no later than the end of registration for the last semester before completion of the graduation requirements. A non-refundable graduation fee of \$10.00 must accompany this application. If the applicant fails to qualify, he must submit another application and pay another fee at the time when he later qualifies. If the student fails to submit his application in keeping with the regulations of this paragraph, he must wait until the next commencement to receive his degree.

No person may receive a degree until he has satisfied all of his financial obligations to the University. Candidates for degrees are required to attend graduation exercises. Diplomas will not be granted to those who are absent without official approval.

MISCELLANEOUS ACADEMIC REGULATIONS

Students must meet the requirements which are published in the university catalog which is currently in effect at the time they enter Pembroke. Students whose attendance at Pembroke State University is interrupted for more than one semester must meet the requirements published in the catalog which is in effect at the time when they resume their studies. Any student may elect to meet the requirements specified in a catalog published subsequently to the one under which he entered, but in this case the requirements of the later catalog must be met in their entirety.

Courses completed in other accredited colleges and universities for which transfer credit is requested will be evaluated in terms of the curriculum selected at Pembroke State University. Only such courses as fit into the proposed program at Pembroke will be accepted, and all such work must have been passed with at least a C grade.

No student may receive transfer credit for more than 64 semester hours earned in a two-year college nor may any student who has attained junior status at Pembroke receive transfer credit for any work taken after that time in a two-year college.

Students will not be permitted to enroll for junior and senior courses until all required freshman courses have been completed.

Courses in which a D or F grade has been received may be repeated under the following conditions: a course in which a D grade was received may be repeated *one* time only; a course in which an F grade was received may be repeated *two* times only. Courses in which a grade of C or higher was received may not be repeated. In computing quality point averages where repetition of courses is involved, all hours attempted and honor points earned will be counted, but in such cases the credit hours earned in the course repeated will be counted only once toward meeting graduation requirements.

Fractional credit will not be granted for partial completion of any course.

Students are expected to learn the university requirements and regulations which are applicable to them, and are individually responsible for meeting all such requirements and regulations.

Before the close of each semester, the student is expected to discharge all financial obligations to the university. A student may not register for a new semester nor receive a degree, certificate, or transcript until all university bills are paid.

V. Curricula and Degrees



V. CURRICULA AND DEGREES

Pembroke State University operates on the traditional two semester system and offers an extensive summer program designed to permit the academic acceleration of regular university students and to serve the needs of public school teachers. The summer program is divided into two sessions of five weeks each. Information concerning enrollment procedures and costs of the summer sessions may be obtained from the Director of the Summer School.

The University offers various liberal arts programs leading to the Bachelor of Arts or Bachelor of Science degree, programs for teacher certification in several fields, and a special two-year curriculum for students who intend to transfer to the School of Agriculture at North Carolina State University at Raleigh. Candidates who successfully complete the university requirements in the following fields receive the Bachelor of Arts degree:

Art	Music
Economics	Political Science
English	Sociology
French	Spanish
History	

Candidates who successfully complete the university requirements in the following fields receive the Bachelor of Science degree:

Art Education	Home Economics
Biology	Mathematics
Business Administration	Music Education
Business Education	Physical Education
Chemistry	Psychology
Elementary Education	

In 1965 the Division of Professional Services of the State Department of Public Instruction approved the following teacher certification programs at Pembroke:

Elementary School	Home Economics
K-3 (Early Childhood Certificate)	Mathematics
4-9 (Intermediate Grades Certificate)	Science
Secondary School	Biology
Business Education	Chemistry
English	Social Studies
Foreign Languages	Special Subjects (Grades 1-12)
French	Art
Spanish	Music
	Physical Education and Health

The two-year curriculum for students who intend to transfer to the School of Agriculture at North Carolina State is set forth below. Persons who complete this program with a quality point average of 2.0 or higher will be admitted at North Carolina State's School of Agriculture without loss of credit.

TWO-YEAR CURRICULUM FOR TRANSFER TO N. C. STATE UNIVERSITY AT RALEIGH SCHOOL OF AGRICULTURE CURRICULA

Freshman Year

Fall Semester			Credits
English	105	Composition	3
Mathematics	107	College Algebra	3
Biology	101	General Botany	4
Physical Education	101	General Physical Education	1
History	107	Western Civilization	3
Political Science	201	American Government	3
			17

Spring Semester

English	106	Composition	3
Mathematics	108	Plane Trigonometry	3
Biology	102	General Zoology	4
Physical Education	102	General Physical Education	1
History	108	Western Civilization	3
Economics	201	General Economics	3
			17

Sophomore Year

Fall Semester

English	205	World Literature	3
or			
English	329	English Literature	3
or			
Language		.....	3
Chemistry	111	General Chemistry	4
Sociology	201	Principles of Sociology	3
Psychology	101	General Psychology	3
Geology	111	General Geology	4
Physical Education		.....	1
			18

Spring Semester

English	206	World Literature	3
or			
English	330	English Literature	3
or			
Language		.....	3
Chemistry	112	General Chemistry	4
Philosophy	300	Introduction to Philosophy	3
or			
Philosophy	302	Introduction to Logic	3
Geography	201	Principles of Geography	3
or			
Music	230	Introduction to Music	3
or			
Religion	111	Origin and Background of Bible	2
Free Elective		.....	3
Physical Education		.....	1
			16-17

MINIMUM GENERAL EDUCATION REQUIREMENTS

Graduation from Pembroke State University is based upon successful completion of the general education program required for the degree as well as the specialized programs for a major and minor.

B.A. OR B.S. DEGREE

Art 205 or Music 230	3	semester hours
Natural Science	7-8	semester hours
Two courses—one of which must have a laboratory		
English 105-106	6	semester hours
English 205-206	6	semester hours
Foreign Language	6-12	semester hours
History 207-208	6	semester hours
Math 105 or Math 107	3	semester hours
Philosophy 200, Psychology 101 or Religion 312 or 412	3	semester hours
Physical Education 101-102	2	semester hours
Health 101	1	semester hour
Social Science—any <i>two</i> of the following	6	semester hours
Economics		
Geography		
Political Science		
Sociology		
Speech 101	3	semester hours
TOTAL		52-59 semester hours

Foreign Language is not required for the following majors:

Art Education, Biology Education, Elementary Education, Health and Physical Education (certification), Home Economics Education, and Music Education

Elementary education majors see pages 85-86 for requirements

Note: French or German must be taken by Science Majors

Math 105 will not be taken by mathematics majors or science majors. Instead they will take the mathematics course suggested by their department head.

An English proficiency test is required of certain students, see page 40.

MAJORS AND MINORS

A major field of study consists of thirty semester hours earned in courses above the freshman level in a department which is approved to offer the major. At least half of the hours required for the major must be earned in upper division (junior and senior) courses. A minor consists of not less than eighteen semester hours earned in a department which is authorized to offer a minor. At least one-fourth of the hours required for the minor must be earned in upper division courses. Detailed requirements for majors and minors in the various departments are printed under the departmental headings which precede the listing of courses offered.

SELECTIVE ADMISSION TO TEACHER EDUCATION PROGRAM

Students applying for admission to the teacher education program leading to certification must have completed at least two semesters of college work and must present a grade point average (4.00 system) of at least 2.0 at the time of enrollment. A statement of scholastic eligibility signed by the Registrar and the applicant's major Department Head must be presented to the Teacher Education Committee before enrollment in the beginning course (Education 227 or Education 300) can be deemed official.

A grade not lower than "C" must be earned on the initial professional course, Education 227 or Education 300. A grade of not lower than "C" must also be earned on the second professional course, Educational Psychology 202. The candidate must remain in good scholastic standing throughout the entire teacher education program.

The Teacher Education Committee selectively admits candidates to the teacher education program on the basis of scholastic aptitude, personality, and suitability for teaching. The initial screening and selection begins in Education 227 or Education 300, with continuous evaluation of the candidate's aptitude and fitness occurring throughout his college program. Students advised to withdraw from candidacy for the teaching certificate are, where possible, advised into other areas for which they seem to be better suited.

APPLICATION FOR THE PROFESSIONAL SEMESTER

The application for enrollment in the professional semester must be filed with the Director of Student Teaching not later than the first day of May *prior* to the academic year in which the student will be enrolled in the professional semester.

ADMISSION TO THE PROFESSIONAL SEMESTER

During the senior year, the candidate for a teaching certificate enrolls in the professional semester which is devoted entirely to study in professional education and to student teaching. No student accepted for enrollment in the professional semester is permitted to register for any course other than those specified as comprising the professional semester. One half of the semester is spent in accelerated classes in professional education on campus; the remainder of the semester is spent in off-campus, full-time student teaching in the public schools. Only students meeting at least the minimum requirements for admission to the professional semester are admitted.

In order to be eligible for enrollment in the professional semester, a candidate (1) must have completed one week of observation during the opening week of a public school prior to student teaching; (2) must have completed all required general education courses; (3) must be within not more than one summer of graduation upon completion of the professional semester; (4) must not lack more than six semester hours of completing the requirements in his major field of study; (5) must have earned a quality point average of at least 2.0 in all work attempted at this institution; and (6) must have earned a quality point average of at least 2.30 in his major field. Finally, the candidate must present a certificate of eligibility signed by his Major Department Head and the Registrar and be approved for admission by the Teacher Education Committee.

NATIONAL TEACHER EXAMINATION

All candidates for teacher certification in North Carolina must take the National Teacher Examination. This Examination is

given at various times and places throughout each school year by arrangements made with the Educational Testing Service, Princeton, New Jersey. Information and application forms may be obtained from the Head of the Education Department.

THE CURRICULUM LABORATORY

The Curriculum Laboratory or materials center is a unit within the Department of Education organized to provide learning aids for students, teaching aids for teachers, coordination of curriculum services, and functional and technical services for student teachers. It provides prospective teachers with an acquaintance of the "tools of their trade". It is an essential part of teacher education containing professional and instructional materials needed to support all areas of the teacher education program (ex. textbooks used in elementary and secondary schools, teaching units, courses of study, instructional media and equipment, curricular patterns, and supplies and materials for production and preparation of teaching material.)

THE READING CENTER

Pembroke State University maintains a center for the improvement of reading and for instruction in how to study, reading comprehension, vocabulary and rate. Facilities and equipment are designed for diagnosing reading difficulties and for achieving peak skills in reading efficiency and comprehension. Services of the center are available to any Pembroke State University student who wishes to improve his reading ability.

The center consists of lecture rooms for general classes and a number of smaller multi-purpose rooms containing individual study carrels, individual instructional materials, and special listening stations. Facilities are available for individualized testing and instruction, and are utilized by students and faculty members from all academic departments of the university.

VI. Student Life And Affairs



VI. STUDENT LIFE AND AFFAIRS

STUDENT GOVERNMENT

The student government at Pembroke State University consists of all regularly enrolled students, a twelve member representative council, and five standing committees. The student government is concerned with the general welfare of the student body and exercises jurisdiction in certain types of disciplinary cases.

ATHLETICS

Pembroke attempts to maintain a well rounded program in both intercollegiate and intramural athletics. The university holds membership in the National Association of Intercollegiate Athletics, and field representative teams in basketball, baseball, soccer, track, wrestling, tennis, and golf. Regular competition in several intramural sports is available to men students and the Women's Recreation Association offers college women an opportunity to participate in basketball, bowling, and volleyball.

CULTURAL PROGRAMS

The Lyceum Series provides a varied program of lectures, musical, and dramatic productions throughout the year. Exhibitions of the work of PSU art students as well as regional and national artists are conducted continuously in Sampson Hall on a monthly rotation basis. The exhibits include paintings, sculpture, ceramics and graphic prints.

The Pembroke State University Permanent Art Collection is displayed in the Student Union. The university also sponsors an annual art contest open to high school students who are located within 300 miles of Pembroke. The PSU Art Gallery offers exhibits of student work on an exchange basis with other universities in the area.

RELIGIOUS ORGANIZATIONS

Student religious groups organized on the campus include the Baptist Student Union, King's Pentecostal Fellowship, Methodist Student Movement, and the Newman Club. During the spring semester the university observes a religious emphasis week which features lectures and discussion by outstanding personalities representing various religious denominations.

HONORARY ORGANIZATIONS

Alpha Psi Omega, the national dramatics fraternity, is open to those who excel in dramatics.

Alpha Theta Honorary Historical Society is open to all students majoring or minoring in history who have at least a "B" average in twelve or more semester hours of history.

The Marshals of Pembroke State University are elected by a joint faculty-student committee. The Marshals officiate at all formal university functions.

Phi Epsilon Chi is a national honor fraternity open to students who achieve outstanding scholarship during their undergraduate years.

The Phi Mu Alpha Sinfonia is an honorary professional music fraternity dedicated to the promotion of music and brotherhood.

CLUBS, ORGANIZATIONS, AND CAMPUS ACTIVITIES

Alpha Omega Upsilon is a social organization dedicated to enhancing the social life on campus. Many projects are undertaken by Alpha Omega Upsilon each year. It also functions as a service organization.

Alpha Theta Mu Fraternity is a social organization dedicated to enhancing the social life on campus. Many projects are undertaken by Alpha Theta Mu each year. It also functions as a service organization.

American Marketing Association Club is open to all students majoring in any curriculum offered by the Department of Business Administration and Economics.

The Art Club offers opportunities for art majors to work under a variety of conditions, both on and off campus.

The Band is open to all students regardless of major. The band appears in parades and festivals in addition to a regularly scheduled series of yearly concerts. As a marching group they travel in surrounding states as well as North Carolina.

The Biology Club is open to all students having an interest in biology and desire a better understanding of the field of biology.

The Business Club is open to all students majoring in Business Administration or Business Education.

The Cheerleaders are selected through competition. In addition to officiating at athletic events, the Cheerleaders are campus leaders in furthering school spirit.

The Chorus is open to all students regardless of major. The Chorus is a large mixed vocal organization that specializes in performing works of a serious nature as well as the light classics. The Chorus appears before campus groups and local groups, and represents the university on tour.

The Circle K Club, sponsored by the Pembroke Kiwanis Club, is a service organization with student membership.

Los Conquistadores offers to those interested in Spanish various opportunities for conversation and reading in that language.

The Euclidian Mathematics Club is open to all students interested in mathematics.

The Home Economics Association is open to majors in this field. It engages in various projects and caters and hosts certain university functions.

The *Indianhead* is the University yearbook. All students are eligible to work on the staff.

The Kappa Delta Omicron Sorority is a social organization dedicated to enhancing the social life on campus. Many projects are undertaken by Kappa Delta Omicron Sorority each year. It also functions as a service organization.

The Lambda Phi Epsilon Fraternity is a social organization dedicated to enhancing the social life on campus. Many projects are undertaken by Lambda Phi Epsilon each year. It also functions as a service organization.

The Lumbee Student Association's aim is to make known the Lumbee Heritage, economic and political goals, educational opportunity and unification of the people.

Phi Kappa Rho Fraternity is a social organization dedicated to enhancing the social life on campus. Many projects are undertaken by Phi Kappa Rho Fraternity each year. It also functions as a service organization.

The Phi Sigma Chi Fraternity is a social organization dedicated to enhancing the social life on campus. Many projects are undertaken by Phi Sigma Chi each year. It also functions as a service organization.

The Photographic Arts Society promotes photography as a fine art and science, awareness of the role of photography in the world today and provides photographic services as needed by the University.

The Physical Education Majors and Minors Club is open to all physical education majors and minors who are interested in the purposes and ideals of health, physical education and recreational education and have completed one year's work and passed the screening test administered by the Department of Health, Physical Education and Recreation.

The *Pine Needle* is the student newspaper. All students are eligible to work on the staff.

The Players is a dramatics organization which offers its members the opportunity to appear in plays and to engage in play production.

The Psychology Club is open to all students interested in Psychology.

The Singers is open to all students regardless of major. The Singers is a mixed vocal ensemble which specializes in performing popular folk songs before campus groups, local civic organizations, and on university tours.

The Student Music Educators National Conference is open to all students interested in the affairs of public education.

The Student National Education Association is open to all students interested in the affairs of public education.

The Swingers is open to all students regardless of major. The Swingers is an instrumental ensemble which specializes in performing popular music and modern dance band arrangements before campus groups, local civic organizations, and university tours.

The Tau Delta Rho Sorority is a social organization dedicated to enhancing the social life on campus. Many projects are undertaken by Tau Delta Rho Sorority each year. It also functions as a service organization.

The Theta Kappa Sorority is a social organization dedicated to enhancing the social life on campus. Many projects are undertaken by Theta Kappa Sorority each year. It also functions as a service organization.

University Student Volunteer Association is dedicated to service to the community.

The Young Democrats Club is open to all students interest in the National Democratic Party.

The Young Republicans Club is open to all students interested in the National Republican Party.

STUDENT HOUSING INFORMATION

At Pembroke State University we feel that student housing is an integral part of the educational program. Resident halls are considered to be more than merely places to sleep; they are "home" for a few years for many of our students.

It is our aim that resident halls provide an environment conducive to studying and an opportunity for each student to develop socially as well as academically. Our resident halls are essentially operated by the residents themselves. Especially mature, well-qualified students are employed as hall counselors. These hall counselors have many duties; however, one of their primary duties is to extend the services of our Guidance Center into each room of the dormitory. Dormitory Councils, elected by the dormitory students, make the dormitories essentially self-governing.

Pembroke State University provides adequate dormitory space for both men and women. Each room is arranged to accommodate two, or in some cases three, occupants. Each room is furnished

with basic items, but residents may bring rugs, curtains, et cetera. Students furnish their own study lamp, towels, pillows, and blankets. Sheets and pillow cases are provided by the university. Daily janitor service is provided for the building; however, each student is expected to make his bed and keep his own room in order.

An application for housing in the dormitory can be obtained from the Director of Student Housing, Pembroke State University, Pembroke, North Carolina. Upon receipt of this completed form and the \$25 deposit made payable to Pembroke State University, your name will be placed on a list for dormitory housing. This application should be mailed to: Cashier, Pembroke State University, Pembroke, North Carolina 28372. In the event the dormitory does not have space available, the deposit will insure your place on the waiting list, or it will be refunded on request. This room deposit also becomes a breakage deposit upon entrance into the dormitory. This deposit is refundable at graduation, or termination of University residence, less any breakage and damage. After assignment to a dormitory room request for deposit returns must be in the Housing Director's Office no later than June 30 or January 7 for the succeeding semester so that the university will not hold a reservation needlessly for you. If dormitory space is not available, a list of off-campus housing accommodations will be sent to you.

The University has dormitory space on campus for 281 men. Housing for men is also available in town. The housing office maintains a list of private housing units which have been satisfactory in previous years. The housing office makes every effort to assist men in finding private housing in town when university housing is not available.

Currently, the university has dormitory space for 450 women. We have a Head Dormitory Supervisor and an Assistant who live in the dormitory and who help the freshmen in adjusting to college life. As a matter of policy, women must either live in the dormitory or commute from their homes. There is no approved off-campus housing for women.

CAFETERIA

All dormitory residents are required to purchase a meal plan for each semester. The full meal plan provides all meals, Monday through Sunday at a cost of \$235 per semester. A 15-meal plan, Monday through Friday is also available to dormitory residents who are frequently away on weekends. The charge for this plan is \$205.

Refunds will be made on a prorated basis only if a student withdraws officially from school.

Students living off campus may participate in either meal plan if they so desire.

There is a \$10 fee for replacing lost meal tickets.

SUMMER HOUSING

Dormitory housing is available during both summer sessions at a cost of \$40.00 for each session, plus the \$3.00 linen fee. Stu-

dents occupying dormitory rooms during the summer sessions are required to purchase a full meal plan, Monday through Sunday at a cost of \$80.00 per five-week session or a 15-meal plan, Monday through Friday at a cost of \$68.00 per five-week session.

COUNSELING SERVICES

The University maintains a counseling center dedicated to assisting students in their search for a place in our adult society. The center is especially interested in those students who are having academic difficulties; however, academic difficulties are often only the symptoms of more complex problems. Therefore, the center is also equipped to assist students in their search for vocational information and solutions to personal and social problems.

Counseling services are also carried into each dormitory room by the dormitory counselors who act as emissaries of the counseling center. Students who have "real" problems are urged to visit the center, of course.

HEALTH SERVICES

Pembroke State University is proud of its modern 22-bed infirmary, which offers 24-hour coverage and the services of a qualified physician.

PLACEMENT OFFICE SERVICES

The Placement Office gives graduates of Pembroke State University and graduates of other institutions, who have attended Pembroke State University, the opportunity to explore career opportunities with recruiters from a large number of business firms, government agencies and school systems which conduct on-campus interviews during the school year. Brochures, applications, pamphlets, and catalogues are available to students wishing to explore various fields of interest. The bulletin boards in the Placement Office are kept current, and provide valuable information relative to immediate vacancies in special fields.

All students are urged to register with the Placement Service when they become seniors regardless of whether they have an immediate need for the service. Delay of registration may make it difficult to obtain the favorable references that are available now.

Students whose records are in the active file are recommended to prospective employers and notified of vacancies which exist. Upon request by a prospective employer, a set of the student's confidential credentials, consisting of personal data, references from professors, and student teaching reports for those who do student teaching, is sent to the employer by the Placement Service. Registrants are eligible for interviews with recruiters who come to the Placement Service Office seeking applicants for jobs.

The Director is available for counseling interviews with registrants who need information about job opportunities. There is no charge for any of the placement services.

DISCIPLINE

Pembroke State University is an institution for the education 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 un-womanly conduct.

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

Students who cannot 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, scholastic, or general conduct unfitness.

All students are expected to observe the rules and live by the general codes of conduct as stated above and enumerated in the Student Handbook. Students living in the university dormitories are expected to observe the special rules applicable to dormitory students. Students living in private housing off-campus are expected to conduct themselves as responsible young men.

VEHICLE REGISTRATION

Each motor vehicle (including two-wheeled motor vehicles) driven or parked on the campus by students, faculty, and staff members must be registered in the Business Office and must display a valid parking permit.

Students, faculty, and staff members alike are subject to certain traffic rules and regulations. It is your responsibility to obtain a copy of the Traffic Rules and Regulations when you register your vehicle in the Business Office. These regulations will be strictly enforced by the Campus Security Officers.

VII. Student Finances



VII. STUDENT FINANCES

Financial aid is available to worthy students, through grants, scholarships, campus employment, and loans. Students who wish to apply for financial assistance must file a Parents' Confidential Statement. These forms may be obtained from a high school guidance counselor or from the Office of Financial Aid at Pembroke State University. Forms should be completed by student and parents and mailed to Princeton with Pembroke State University designated as the institution to receive the analysis sheet. In order for an application to be considered, it must be in the Office of Financial Aid prior to March 15.

Financial assistance will be made on the basis of demonstrated need and scholarship.

To be eligible to receive loans, campus employment, or grants, a freshman must have a minimum of 750 on the College Entrance Examination Board. An upperclassman must be in good scholastic standing.

SCHOLARSHIPS

1. Academic Scholarships

The Alumni and friends of Pembroke State University have provided funds to aid students who show above average academic ability and who are in financial need. The awarding of these scholarships is the responsibility of the Financial Aid Officer with the approval of the faculty scholarship and student assistance committee.

2. Educational Opportunity Grants

The purpose of the program is to provide Educational Opportunity Grants to students of exceptional financial need, who, for lack of financial means of their own or of their families, would be unable to enter or remain in institutions of higher education without such assistance. Grants from \$200-\$1,000 are available to students who qualify.

3. Athletic Scholarships

The Alumni of Pembroke State University have provided funds to aid young men who show exceptional skill in the area of intercollegiate sports. The awarding of these scholarships is the responsibility of the coach in cooperation with the Administrators of the University.

4. North Carolina Tuition Grants

Funds allocated by the North Carolina legislature annually are made available to residents of North Carolina in attendance at Pembroke State. These grants are limited to basic tuition costs.

5. Home Economics Scholarship

This fund was established to provide financial assistance to students majoring in home economics at Pembroke State University. The awarding of this scholarship is the responsibility of the club adviser and the faculty members of the Home Economics Department.

LOAN FUNDS

- 1. National Defense Education Act Loan Fund**
 Assistance is in the form of loans which bear no interest, while the student is enrolled in school. The borrower is not required to begin repayment until one year after he ceases to pursue a full-time course of study. While the act provides that a student who can show a need for financial assistance may borrow up to \$1,000 per year for five years at 3% interest, payable over a period of 10 years, the University may place any limit it desires upon the available funds in order to serve the greatest number of applicants.
 Loan awards to freshmen are made on the basis of College Entrance Examination Board Scores and indicated need. Loan awards to upperclassmen are based upon their previous records and upon need.
- 2. North Carolina State Scholarship Loan Fund for Prospective Teachers**
 Students desiring loans of this type should make application to the North Carolina State Department of Public Instruction, Raleigh, North Carolina. This fund provides \$600 per year to aid prospective teachers.
- 3. College Foundations, Incorporated**
 The banks of North Carolina have formed the College Foundation to act as a single lending agency in this state. Residents of North Carolina may borrow up to \$1,500 per academic year from this foundation with endorsement of the University. Under the Higher Education Act of 1965, the government will pay the interest on these loans up to 7 per cent on the principal while the student borrower is in college. The borrower pays the full 7 per cent during the repayment period. Applications are secured from the Financial Aid Office.
- 4. Memorial Emergency Loan Fund**
 This is a \$1,000 revolving loan fund. This fund was established through the efforts of Mr. Lacy Maynor, former Judge of Records Court.
- 5. Home Demonstration Club Loan Fund**
 This is a \$1,000 revolving loan fund. This fund was established through the efforts of Mrs. Helen Sampson, Home Demonstration Agent.
- 6. Herbert G. Oxendine Memorial Loan Fund**
 This fund was established by friends of the late Dr. Herbert G. Oxendine who for many years taught at Pembroke State University. Because of Dr. Oxendine's great interest in education and Pembroke State University, it was the desire of his many friends to establish a fund in his name to aid students in furthering their education.
- 7. James Fulton Lowery Memorial Loan Fund**
 This fund was established in memory of one of Pembroke's business leaders. Mr. Lowery, for many years, was president

of the Pembroke State University Alumni Association. It was his desire that every student who wanted to further his education be given the opportunity.

8. John J. and Steve Brooks Memorial Loan Fund

In memory of her dearly beloved husband and son, Mrs. John J. Brooks established this fund. Mr. Brooks was an alumnus of this institution and an educator in this county for many years. He was extremely concerned that qualified people be given an opportunity to further their education. Steve also attended Pembroke State University.

9. L. W. Jacobs Memorial Loan Fund

In honor of a pastor who served this community over half a century, Mt. Airy and Harpers Ferry Baptist Churches established this fund. Serving as Chairman of the Board of Trustees at Pembroke State University for over 30 years, Rev. Jacobs was keenly aware of the financial problems many students face as they endeavor to continue their education. Rev. Jacobs was a man who believed that all qualified people should be afforded an educational opportunity.

STUDENT EMPLOYMENT

1. Many job opportunities are available to students desiring financial aid.

These positions are with the Maintenance Department library, cafeteria, switchboard, administrative and departmental offices, and laboratories. The pay rate is \$1.75 per hour.

2. The Work-Study Program of the Economic Opportunities Act of 1964.

Job opportunities are available to students who have very limited financial resources for the purpose of aiding them with university expenses. These jobs provide learning opportunities as well as financial aid. The pay rate for these jobs is \$1.75 per hour.

VETERANS

Veterans and veteran dependents who are receiving financial support from the National Government may obtain information and advice from the Office of Financial Aid. All veterans must be certified by the Financial Aid Officer before receiving any V.A. benefits.

STUDENT FEES

It is the policy of the administration and trustees to keep the cost of a college education as low as possible. The fees now in effect are, however, subject to change without notice. Since Pembroke State University is maintained by the people of North

Carolina for the education of residents of this State, it is available to them at less cost than to nonresidents. The residency status of each student is determined at the time of original admission in accordance with the following:

RESIDENCE STATUS FOR TUITION PAYMENT

1. **General:** The tuition charge for legal residents of North Carolina is less than for nonresidents. To qualify for in-state tuition, a legal resident must have maintained his domicile in North Carolina for at least the six months next preceding the date of first enrollment or re-enrollment in an institution of higher education in this State.
2. **Minors:** The legal residence of a person under twenty-one years of age at the time of his first enrollment in an institution of higher education in this State is that of his parents, surviving parent, or legal guardian. In cases where parents are divorced or legally separated, the legal residence of the father will control unless custody of the minor has been awarded by court order to the mother or to a legal guardian other than a parent. No claim or residence in North Carolina based upon residence of a guardian in North Carolina will be considered if either parent is living unless the action of the court appointing the guardian antedates the student's first enrollment in a North Carolina institution of higher education by at least twelve months.

A minor student whose parents move their legal residence from North Carolina to a location outside the State shall be considered to be a nonresident after six months from the date of removal from the State.

For the purpose of determining residence requirements under these rules, a person will be considered a minor until he has reached his twenty-first birthday. Married minors, however, are entitled to establish and maintain their residence in the same manner as adults. Attendance at an institution of higher education as a student cannot be counted as fulfilling the six-month domicile requirement.

3. **Adults:** A person twenty-one years of age or older is eligible for in-state tuition if he has maintained continuous domicile in North Carolina for the six months next preceding the date of enrollment or re-enrollment, *exclusive of any time spent in attendance at any institution of higher education*. An in-state student reaching the age of twenty-one is not required to reestablish residence provided that he maintains his domicile in North Carolina.
4. **Married Students:** The legal residence of a wife follows that of her husband, except that a woman currently enrolled as an in-state student in an institution of higher education may continue as a resident even though she marries a nonresident. If the husband is a nonresident and separation or divorce occurs, the woman may qualify for in-state tuition after establishing her domicile in North Carolina for at least six

months under the same conditions as she could if she were single.

5. **Military Personnel:** No person shall be presumed to have gained or lost in-state residence status in North Carolina while serving in the Armed Forces. However, a member of the Armed Forces may obtain in-state residence status for himself, his spouse, or his children after maintaining his domicile in North Carolina for at least the six months next preceding his or their enrollment or re-enrollment in an institution of higher education in this state.
6. **Aliens:** Aliens lawfully admitted to the United States for permanent residence may establish North Carolina residence in the same manner as any other nonresident.
7. **Property and Taxes:** Ownership of property in or payment of taxes to the State of North Carolina apart from legal residence will not qualify one for the in-state tuition rate.
8. **Change of Status:** The residence status of any student is determined as of the time of his first enrollment in an institution of higher education in North Carolina and may not thereafter be changed except: (a) in the case of a nonresident student at the time of his first enrollment who, or if a minor his parents, has subsequently maintained a legal residence in North Carolina for at least six months, and (b) in the case of a resident who has abandoned his legal residence in North Carolina for a minimum period of six months. In either case, the appropriate tuition rate will become effective at the beginning of the term following the six-month period.
9. **Responsibility of Student:** Any student or prospective student in doubt concerning his residence status must bear the responsibility for securing a ruling by stating his case in writing to the admissions officer. The student who, due to subsequent events, becomes eligible for a change in classification, whether from out-of-state to in-state or the reverse, has the responsibility of immediately informing the Office of Admissions of this circumstances in writing. Failure to give complete and correct information regarding residence constitutes grounds for disciplinary action.

SCHEDULE OF EXPENSES
(Per Semester)

	In-State	Out-of-State
Registration	\$ 8.00	\$ 8.00
Tuition (If less than 10 hrs. - \$10.00 per sem. hr. in-state, \$40.00 out-of-state)	100.00	400.00
Activity Fee	30.00	30.00
General Fee	5.00	5.00

Health Service.....	14.00	14.00
Health and Accident Insurance.....	8.00	8.00
Room	120.00	120.00
Board (Full Meal Plan).....	235.00*	235.00*
Linen	10.00	10.00
	\$530.00	\$830.00
For Students not living on campus:		
Deduct: Room, Board, Linen.....	365.00	365.00
	Total \$165.00	\$465.00

* The following meal plan is also available to dormitory residents:
 15 meal plan - Monday through Friday only: \$205.00
 All dormitory residents must select one of the above meal plans.

LIST OF FEES

Application Fee.....	\$ 10.00		
This fee is paid at the time of initial application, is non-refundable, and cannot be applied to meet any other charges.			
Graduation Fee.....	10.00		
This fee must be paid at the time when the student makes application for graduation. It is used to pay the rental of cap and gown and the cost of the diploma.			
Registration Fee.....	8.00		
This fee must be paid at the time of registration each semester.			
Late Registration Fee.....	5.00		
Students who register for classes after the scheduled registration date has passed must pay this fee.			
Change of Course Fee.....	2.00		
Students who voluntarily drop or add courses after the first day of classes in any semester must pay \$2.00 for each course involved.			
Tuition			
North Carolina residents.....	100.00		
Out-of-State residents	400.00		
Students who carry fewer than 10 hours in any semester are charged at the rate of \$10.00 per hour for North Carolina residents and \$40.00 per hour for non-residents.			
Activity Fee.....	30.00		
This fee, paid each semester, is used to support student activities as follows:			
Art Series	3.00	Newspaper	2.00
Athletics	10.00	Student Center	5.00

Band & Chorus	1.00	Student Government	3.00
Dramatics	1.00	Yearbook	5.00

All regular students taking 6 hours or more are required to pay this fee.

General Fee	5.00
This fee must be paid each semester. It goes to maintain laboratory, library, and other special supplies and equipment.	
Health and Accident Insurance	8.00
Protection begins 48 hours before the official opening of the regular school session and ends 48 hours after its official close. The insurance covers X-rays, laboratory costs, hospital bills, physicians, and surgeons fees. More detailed information may be obtained from the university nurse. All regular students taking 6 or more hours are required to pay this fee.	
Health Service	14.00
This fee is used to operate the University Infirmary.	
Room (Per Semester)	120.00
Board (Full Meal Plan Per Semester)	235.00
Dormitory residents may also select a 15-meal plan, Monday through Friday at a charge of \$205.00 per semester.	
Linen	10.00
Required of all dormitory students and entitles the student to a clean pillow case and two sheets each week.	
Vehicle Registration Fee	3.00
A vehicle registration permit is valid for one full year, Sept. 1, through Aug. 31. Permits sold after May 31 are \$1.00 and valid for summer school only.	

SUMMER FEES

(Each 5-Week Session)

Registration	4.00
Tuition (Per Semester hour)	
North Carolina residents	10.00
Non-Residents	40.00
General Fee	5.00
Health Service and Student Center	5.00
Room	40.00
Board (full meal plan)*	80.00
Linen	3.00

* A 15-meal plan, Monday through Friday is also available to summer residents at a cost of \$68.00 for a five-week session.

REFUND POLICY

Tuition and Fees

If a student officially withdraws from the university during a regularly scheduled registration period, he will receive a full refund of tuition and fees, except for the registration fee. After the end of the registration period, refunds for tuition and fees will not be made unless the withdrawal is caused by physical incapacity attested by a physician's certificate. No refunds will be made after mid-semester under any condition.

Room and Linen Fee

If a student officially withdraws from school prior to mid-semester, a prorated refund for room and linen fee will be made on a weekly basis. No refunds for room and linen fee will be made after mid-semester under any condition.

Board

If a student officially withdraws from school, a prorated refund will be made for the unused portion of the student's meal ticket. Refunds will be computed from the date the meal ticket is received in the cashier's office.

VIII. Courses of Instruction



VIII. COURSES OF INSTRUCTION

ART

Acting Head: PAUL VAN ZANDT

VIRGINIA M. CARRAWAY
J. D. KELLY

ROBERT E. KERSHAW, JR.
ROBERT M. LEWIS

The department of art fulfills an ever-increasing need by contributing to the cultural life and experience of the whole University, 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 of everyday life. The art department 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 art student is required to exhibit a display of his work from his areas of study.

B.S. Requirements:

26 semester hours of lower level art studios: 100, 101, 102, 105, 107, 111, 132, 133, 140, 151. (All freshman classes, which are open to art majors, are required. Required freshman classes are not counted toward an art major.)

B.S. Art Major Requirements:

6 semester hours, Advanced History of Art
9 semester hours, one area of advanced art studio
9 semester hours, Art Education (307, 308, and 405)
6 semester hours, Art Electives

A student taking the B.S. art major and the introductory art courses, in effect, takes a major in general art and a minor in studio art. Whenever possible, a student should take an academic minor as well. CERTIFICATION REQUIREMENTS FOR A SPECIAL SUBJECT AREA IN ART (Grades 1-12) are fulfilled by the classes listed above.

A.B. Major: This program offers the student a foundation for his art judgment and taste. Graduates of this program might be expected to either practice their art or continue in graduate study. Before graduating from this program a senior is required to prepare and display an exhibition of his work from his area of concentration. The University may also be expected to retain, temporarily, a few examples of each student's work.

A.B. Requirements:

26 semester hours of lower level art studios: 100, 101, 102, 105, 107, 111, 132, 133, 140, 151. (All freshman classes, which are open to art majors, are required. Required freshman classes are not counted toward an art major.)

A.B. Art Major Requirements:

- 6 semester hours, Advanced History of Art
- 12 semester hours, Area of Concentration: Sculpture, Ceramics, Graphics, or Painting
- 9 semester hours, Area of Secondary Interest: Sculpture, Painting, Ceramics, Graphics, or Commercial Art*
- 3 semester hours, Art Electives

Requirements for a Studio Minor in Art:

Art 101, 102, 132 and the introduction course and two advanced courses in one art area. (Ceramics, painting, sculpture, or graphics)

Requirements for a General Studio Minor in Art:

Art 101, 102, 132, 133 and six elective semester hours in art.

Requirements for an Art History and Theory Minor:

Art 100, 300 and fifteen hours of 300 or 400 Art History courses. (A.B. studio art majors may minor in art history and theory with the permission of the department head. These majors may substitute the required art history courses in the A.B. major with art electives.)

100. Art Concepts

A historical study of the theories and philosophies of the visual arts. An introductory analysis of past and present art theories with emphasis on their historical importance in terms of modern day concepts. A directed readings and seminar course aimed at developing individual concepts of creative endeavor. Fall. Credit, 2 semester hours.

101. Two-Dimensional Design

A study and application of design principles in creative two-dimensional projects in line, value, color and texture. Fall. Credit, 3 semester hours. (Required of all majors and minors.)

102. Three-Dimensional Design

Prerequisite: Art 101

A study and application of design principles in creative three-dimensional projects in mass and space using various materials. Spring. Credit, 3 semester hours. (Required of all majors and minors.)

103. Introduction to Design

An introductory course aimed at studying the elements of two-dimensional design. Fall. Credit, 3 semester hours. (Not open to art majors and minors.)

105. Introduction to Sculpture

A survey course aimed at studying the problems of mass and space in sculpture. Beginning projects in the head and figure will be explored. Fall, spring. Credit, 3 semester hours.

* Special commercial art, drawing and graphics projects can be taken on an individual basis under 301, 302, 401, 402, and 455.

107. Art Anatomy

A study in surface anatomy, placing an emphasis on figure drawing in various media, bone and muscular structure will be incorporated. Credit, 2 semester hours.

111. Introduction to Ceramics

Introduction to basic forming and decorating methods of ceramics. The student will study mixture glazes from recipes. Basic firing procedures and ceramic aesthetics will be introduced. Fall, spring. Credit, 3 semester hours.

132. Introduction to Drawing

A course designed to acquaint the students with the basic principals of media and terminology of drawing. Fall. Credit, 3 semester hours.

133. Introduction to Painting

An introduction to color, structure and pictorial organizations. Various techniques and group criticism will be implemented. Fall, spring. Credit, 3 semester hours.

140. Introduction to Graphics

A survey course aimed at the study of basic techniques and procedures in graphic arts. Studio projects include problems in intaglio, lithography, wood cuts and wood engravings. Fall. Credit, 3 semester hours.

151. Lettering

An introduction to calligraphy and the techniques of one stroke brush lettering, speedball pen and constructed lettering, spacing and lettering application in graphic layout. Fall. Credit, 1 semester hour.

205. History and Appreciation of Art

To establish an understanding of art, to develop an appreciation for the relation between art and man, and to study art in a cultural environment. Fall, spring. Credit, 3 semester hours. (Cannot be applied toward a major or minor in art.)

224. Arts and Crafts for Teachers of the Mentally Retarded

A study of the performance of the slow learning child in art. A survey of art techniques and procedures. An exploration into methods of presenting ideas and materials as related to attention spans, motivation, readiness, effects of reward and need satisfaction. A special emphasis placed on methods of presenting art as an activity interacting with the total environment. Fall. Credit, 3 semester hours.

225. Arts and Crafts for Early Childhood

A study of arts and crafts production for teachers who are majoring in Early Childhood Education. Crafts work in wood, clay, paper and other common materials. Emphasis on crafts design and levels of creative development for the young school child. Spring. Credit, 3 semester hours.

250. Advertising Design

Prerequisite: Art 151

An introduction to applied lettering, layout, story illustration, and general graphic advertising. Fall, spring. Credit, 2 semester hours.

251. Commercial Art Techniques

A study of studio production of commercial art problems through the use of silk screen, air brush, scratch board, typography, line and half-tone reproductions, overlays and color separations. Spring. Credit, 3 semester hours.

300. Art Concepts

Prerequisite: Art 100

A study of the theories and philosophies of modern trends in the visual arts with special emphasis on the development of personal concepts as related to the students individual needs and studio interest. A directed readings and seminar course to include weekly critique situations concerning the student's personal involvement with his particular advanced studio area. Spring. Credit, 2 semester hours.

301, 302. Advanced Design

Prerequisite: Art 101-102

Advanced specialized problems in two- or three-dimensional art forms. Fall. spring. Credit, 3 or 6 semester hours.

307. Art Education in the Public School

A study of arts and crafts as an integral part of teaching in the elementary and secondary grades. Acquaintances with various tools and media for two- and three-dimensional creative art work. A special emphasis placed on the philosophy of teaching art to children. Fall, spring. Credit, 3 semester hours. Required of all elementary majors.

308. Public School Art Curriculum

A study of the origins and development of Public School Art Curriculum in relationship to the development of arts and crafts as a one-subject field in general education. An exploration into the methods and techniques of teaching art in the public schools, as well as the purchase, selection, and maintenance of all art materials, books, and equipment. Spring. Credit, 3 semester hours.

315. Sculpture

Prerequisite: Art 105

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. Fall. Credit, 3 semester hours.

316. Advanced Sculpture

Prerequisite: Art 315

Advanced study in sculpture devoted to developing skills, techniques, and exploration of new materials. Spring. Credit, 3 semester hours.

331, 332. Advanced Drawing and Painting

Prerequisites: Art 131-132

A course designed to broaden perceptive awareness in the areas of composition, space, and color theory. Fall, spring. Credit, 3 to 6 semester hours.

341. Ceramics

Prerequisite: Art 111

A further studio study of creative methods and aesthetics introduced in Art 111. Basic glaze theory and firing management is covered in

addition to compounding clay bodies for specific ceramic techniques. Fall. Credit, 3 semester hours.

342. Advanced Ceramics

An advanced study of problems in the production of sets and formulation of original glazes. Spring. Credit, 3 semester hours.

350, 351. Printmaking I

Prerequisite: Art 140

Study of relief and serigraphic printmaking processes. Fall, spring. Credit, 3 to 6 semester hours.

401, 402. Advanced Design

Prerequisite: Art 301 or Art 302

Advanced study in specialized projects on an individual basis. Projects in commercial art or other applied arts as related to the student's area of concentration or area of secondary interest. Fall, spring. Credit, 3 to 6 semester hours.

405. Seminar in Art Education

A study of the recent philosophies of art education as applied to both elementary and secondary school students and curriculum. Fall. Credit, 3 semester hours.

407, 408. Art Supervision

Designed for advanced art majors to obtain experience in directing beginning students in studio techniques. The advanced major supervising only in his area of concentration or secondary interest and being of junior or senior standing. Fall, spring. No credit.

409, 410. Printmaking II

Prerequisites: Art 140 and 350 or 351

Study of intaglio printmaking processes and lithography printmaking processes. Fall, spring. Credit, 3 semester hours.

415. Advanced Sculpture

Prerequisite: Art 316

A course designed to explore methods of working in various metals. The study of problems in welded sculpture. Fall. Credit, 3 semester hours.

416. Advanced Sculpture

Prerequisite: Art 415

A course in sculpture devoted to developing the student's creative expression in sculpture according to his own talents and experiences. Spring. Credit, 3 semester hours.

421. Ancient and Medieval Art History

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

422. Italian Renaissance Art History

A study of the art of the Italian Renaissance. Spring. Credit, 3 semester hours.

423. Modern Art History

A study of the artists and art schools that evolved in Europe during the 19th century. Fall. Credit, 3 semester hours.

424. Contemporary Art History

A study of the artist, theories and art schools that evolved in Europe in the 20th century. Spring. Credit, 3 semester hours.

425. European Art History, 1500-1800

A survey of European painting and sculpture from the Renaissance through the Rococo period except for Italian art. Fall. Credit, 3 semester hours.

426. Art History of the United States

A study of painting, architecture and sculpture of the United States from Colonial times to the present with an emphasis on 20th century art. Spring. Credit, 3 semester hours.

435. Advanced Painting

Prerequisite: Art 332

An exploration of the various manners and approaches to creative painting and their relationship to the individual's experience. Fall. Credit, 3 semester hours.

436. Advanced Painting

Prerequisite: Art 435

A course for the student's personal development of individual expression in painting. Spring. Credit, 3 semester hours.

441. Advanced Ceramics

Prerequisite: Art 342

Studio projects in compounding whitewares (porcelanous bodies) and the study of problems peculiar to these bodies. The formulation of suitable glazes and special aesthetic problems will be considered. Fall. Credit, 3 semester hours.

442. Advanced Ceramics

Prerequisite: Art 441

The assignment of creative ceramic problems in line with individual student interest and needs. Spring. Credit, 3 semester hours.

451. Advanced Drawing and Graphics

Prerequisite: Art 332

A course designed to concentrate on the drawing skills, line simplification, and graphic reproduction of creative drawing experiences. Fall. Credit, 3 semester hours.

455. Independent Study in Art

Prerequisites: Introductory course in chosen area and approval of Department Head

Directed reading, research and problem solving in the student's major or secondary area of interest. This course is designed to fulfill individual and specific needs of the art major in his particular area of advanced study. Fall. Credit, 1 to 3 semester hours.

BIOLOGY

Head: ROBERT F. BRITT

WILLIAM G. CARTER
JAMES B. EBERT
DAVID K. KUOJOSEPH A. MCGIRT
ROBERT L. MASON
HAROLD D. MAXWELL

The objectives of the Biology Department are 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; to train students in their ability to reason inductively and deductively and to encourage original thought; to prepare teachers in the biological sciences for the elementary and secondary school; and to provide a background in subject matter and laboratory skills for curricula in which the fundamentals of the various sciences are used.

GENERAL EDUCATION

If a student selects Biology to satisfy the laboratory science requirement, he should take Biology 100, Principles of Biology, and either Biology 101, General Botany or Biology 102, General Zoology.

Biology 100, Principles of Biology is a prerequisite to all other biology courses except for Elementary Education majors who should take Biology 105, General Biology for Elementary Education.

BIOLOGY MAJOR

Required Courses	Hrs.
Principles of Biology, 100	3
General Botany, 101	4
General Zoology, 102	4
Principles of Ecology, 304	4
Cell Biology, 371	4
Principles of Genetics, 472	4
Electives within the Department from two areas	10-12
	<hr/>
	33-35
Chemistry, 111-112	8
Mathematics, 107-108	6

BIOLOGY MINOR

Required Courses	Hrs.
Principles of Biology, 100	3
General Botany, 101	
or	
General Zoology, 102	4
Electives within the Department	11-12
	<hr/>
	18-19

100. Principles of Biology

An introduction to modern and classical biological concepts. Fall, spring; 3 recitations, Credit, 3 semester hours.

101. General Botany

Introductory plant science with emphasis on morphology and physiology of the seed plants and a survey of representative types from the plant kingdom. Fall, spring; three recitations, one 2-hour laboratory period weekly. Credit, 4 semester hours.

102. General Zoology

A study of the major animal systems, processes, and phyla. A prerequisite to all other courses in zoology. Fall, spring; three recitations, one 2-hour laboratory period weekly. Credit, 4 semester hours.

105. General Biology for Elementary Education

An introduction to biological concepts applicable to the elementary school curriculum. For Elementary Education majors only. Fall, spring; three recitations, one 2-hour laboratory period weekly. Credit, 4 semester hours.

201. Economic Botany

A study of the origin, distribution, propagation and use of the economically important plants. Fall, three recitations weekly. Credit, 3 semester hours. 1971-72 and alternate years.

211-212. Human Anatomy and Physiology

Prerequisite: Biology 102

A course covering the structure and function of the human body. Appropriate physiological exercises and dissections of a mammal are performed concurrently in the laboratory. Fall, spring; three recitations, one 2-hour laboratory period weekly. Credit, 8 semester hours.

221. Comparative Anatomy

Comparative studies of the various organs and systems of vertebrates with laboratory emphasis on the lamprey, dogfish shark, salamander, and the cat. Fall; two recitations and two 2-hour laboratory periods weekly. Credit, 4 semester hours. 1971-72 and alternate years.

222. Embryology

Early developmental biology leading to organogenesis. Laboratory emphasis on the chick. Spring; two recitations and two 2-hour laboratory periods weekly. Credit, 4 semester hours. 1970-71 and alternate years.

231. Morphology of the Non-Vascular Plants

A comprehensive survey of the algae, fungi, and bryophytes dealing with structure, form, and reproduction. Fall, three recitations and one 2-hour laboratory period weekly. Credit, 4 semester hours. 1970-71 and alternate years.

232. Morphology of the Vascular Plants

A continuation of Biology 231, a survey of the plant kingdom with emphasis on selected types of vascular plants. Spring; three recitations and one 2-hour laboratory period weekly. Credit, 4 semester hours. 1970-71 and alternate years.

301. Entomology

An introduction to the study of insects. Special emphasis on common insects and on those that are either distinctly helpful or harmful to

man. A collection with identification required. Fall; one recitation and two 2-hour laboratory periods weekly. Credit, 3 semester hours. 1970-71 and alternate years.

304. Principles of Ecology

An introduction to the principles and materials of ecological research. At least two Saturday field trips are required. Fall; two recitations and two 2-hour laboratory periods weekly. Credit, 4 semester hours.

305. Introductory Mycology

An introduction to the fungi, with emphasis upon taxonomy and physiology, including some reference to their economic importance. Fall, two recitations and one 2-hour laboratory period weekly. Credit, 3 semester hours. 1971-72 and alternate years.

310. Invertebrate Zoology

A survey of the major invertebrate phyla, emphasizing the marine representatives. At least two Saturday field trips are required. Spring; two recitations and two 2-hour laboratory periods weekly. Credit, 4 semester hours. 1971-72 and alternate years.

315. Microbiology

A study of bacteria and other microorganisms, their structure, development, and function. Emphasis is placed on the fundamental concepts and techniques in microbiology; such as, isolation, cultivation, observation, morphology, and physiology and nutrition of bacteria. The applications of microbiology, the role of microbes in nature, and their role in infection and immunity are considered. Fall; two recitations and two 2-hour laboratory periods weekly. Credit, 4 semester hours. 1970-71 and alternate years.

319. Animal Parasitology

An introduction to the classification, morphology, life history, and control of some common parasites. Fall, two recitations and one 2-hour laboratory period weekly. Credit, 3 semester hours. 1971-72 and alternate years.

340. Plant Taxonomy

An introduction to systematic botany with emphasis on identification of the local vascular flora. Spring; two recitations and two 2-hour laboratory periods weekly. Field trips as announced. Credit, 4 semester hours. 1971-72 and alternate years.

350. Ornithology

Classification and identification of birds; life histories; feeding habits; nesting habits; theories of migration; economic importance. Spring. two recitations and one 2-hour laboratory period weekly. Credit, 3 semester hours. 1970-71 and alternate years.

354. Plant Physiology

A general study of the physiological activities in plants such as the fundamental principles, water relations, metabolism, plant growth hormones, as well as growth and development. Spring; three recitations and one 2-hour laboratory period weekly. Credit, 4 semester hours. 1970-71 and alternate years.

360. Dendrology

A taxonomic survey of native and introduced woody plants. Summer

school, five recitations and ten laboratory hours weekly. Credit, 4 semester hours.

371. Cell Biology

Prerequisites: Chemistry 111, 112; 321, 322 recommended.

A study of cellular ultrastructure and physiology. Fall; three recitations and one 2-hour laboratory period weekly. Credit, 4 semester hours.

376. Endocrinology

A study of the morphology and physiology of vertebrate endocrine systems. Growth, metabolism and reproduction will be emphasized. Spring, three recitations and one 2-hour laboratory period weekly. Credit, 4 semester hours. 1971-72 and alternate years.

410. Research in Biology

Prerequisite: Consent of the instructor and approval of Research Proposal by a committee composed of Biology faculty.

Designed to provide the student with experience in the analysis and solution of problems in the areas of his major interests. Restricted to Jr.-Sr. Biology majors with a quality point average of 3.0 in the major. The problem will be presented to the Biology faculty in written form. Credit, 1 to 3 semester hours.

420. Plant Ecology

Prerequisite: Biology 304

Study of various environmental factors operative in different natural habitats. Spring; three recitations and one 2-hour laboratory period weekly. Credit, 4 semester hours. 1970-71 and alternate years.

422. Evolution

Prerequisite: Consent of the instructor

An introduction to and analysis of the concept of organic evolution, mutation, adaptation, selection, competition, and origin of species are considered. Spring; three recitations weekly. Credit, 3 semester hours. 1971-72 and alternate years.

430. Animal Ecology

Prerequisite: Biology 304

A study of animal ecology with emphasis on adaptations to various habitats and interorganismic relationships. Spring, three recitations and one 2-hour laboratory period weekly. Credit, 4 semester hours. 1971-72 and alternate years.

472. Principles of Genetics

Prerequisites: Chemistry 111, Mathematics 107

An introductory course. Emphasis is placed on the fundamental principles, the physical and chemical basis of inheritance, genes as units of structure and function, qualitative and quantitative aspects of genetic variation. A general survey of human genetics is also considered. Spring; three recitations and one 2-hour laboratory period weekly. Credit, 4 semester hours.

METHODS

400. Biology Education. Methods of Teaching Biology

Purposes, methods, materials and evaluation procedures in Biology; preparations of teaching plans and materials. Credit, 3 semester hours.

BUSINESS ADMINISTRATION AND ECONOMICS

Head: KARL SCHEELE

GEORGE AMMONS
WILLIAM DUDLEY
MAGNOLIA GRIFFITH
DENNIS SEAGLE

*NORMA THOMPSON
JAMES WEEKS
VICTOR WOLF

The department aims to fulfill an increasing need of training men and women for responsible positions in business, in government, and in the teaching of business subjects in our high schools. The first two years of study are used to meet general education requirements besides providing for "Principles" courses in the field of Accounting and Economics. The last two years offer specialized training in business administration, in business education, and in economics.

The "tracks" available in the Department of Business Administration and Economics are listed below. The degrees conferred are: Bachelor of Science with a major in Business Administration and Business Education, and a Bachelor of Arts in Economics.

I. Business Administration

Requirements: Business Administration 227, 228, 307, 309, 310, 312, 315, 316, 415, 416 and six hours electives in Business Administration. Mathematics 107 is required. The minor has to be in Economics.

II. Business Administration with Emphasis on Accounting

Requirements: Business Administration 230, 309, 310, 315, 316, and also the following eight accounting courses: Business Administration 227, 228, 321, 322, 417, 424, 458, and 462. These accounting courses meet present state requirements for C.P.A. certification. Mathematics 107 is required. The minor has to be in Economics.

III. Business Education with a Comprehensive Business Program

Courses required for graduation, in addition to the basic professional courses listed below, are Business Education 213, 214, and 313.

IV. Business Education with a Basic Business Program

Courses required for graduation, in addition to the basic professional courses listed below, are Business Administration 321 and Economics 202.

V. Economics

Requirements: Economics 201, 202, 301, 304, 330, 401, Business Administration 227, 228, 307, 309, 310, 312, 415 and 9 elective hours in Economics. Mathematics 107 is required.

NOTE:

For Certificates in Business Education there are the following requirements:

1 - basic professional courses:

Bus. Education courses: 102, 201, 202, 403, 453.

Bus. Adm. courses: 209, 227, 228, 312, 315, or 316, 415, or 416.

Economics course: 201

2 - education courses:

Psychology course: 202

Education course: 227

Practice (last sem.); Psy. 404, Ed. 400, 428, 431

Minor in Business Administration

Required are: Business Administration courses 227, 228, 307, 309, 312, and three elective hours in Business Administration.

Minor in Economics

Required are: Economics 201, 202, 304, and nine elective hours in Economics.

BUSINESS ADMINISTRATION

209. Business Organization

An introductory course giving a general survey of the types, functions, and practices of modern business and providing a foundation for work in specialized areas of business administration. Fall; three recitations weekly. Credit, 3 semester hours.

227, 228. Principles of Accounting I and II

Introduction to accounting. Fall, spring; two recitations, two laboratory periods weekly. Credit, 6 semester hours.

230. Individual Income Tax Accounting

Prerequisite: Bus. Admin. 227

A general course designed for all majors in Business Administration. Fall; three recitations weekly. Credit, 3 semester hours.

305. Principles of Insurance

Prerequisite: Bus. Admin. 228

Basic principles and practices of life, property, casualty, and social insurance. Fall; three recitations weekly. Credit, 3 semester hours.

307. Principles of Management

(formerly Bus. Adm. 406)

Prerequisite: Bus. Admin. 227

A general course designed for all majors in Business Administration and Economics. Fall; three recitations weekly. Credit, 3 semester hours.

308. Human Relations in Management

Prerequisite: Bus. Admin. 307

Introduction to human relations as a management function. Application, through seminar approach and case method, of the most pertinent and basic knowledge about behavior, motivation, and interrelationship of the human resources in production. Spring; three recitations weekly. Credit 3 semester hours.

309, 310 Business and Economic Statistics I and II

(Bus. Adm. 309 was formerly Bus. Adm. 409)

Prerequisite: Math 107

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

312. Marketing

Prerequisite: Bus. Admin. 228

Marketing institutions and methods with emphasis on social, economic.

and managerial aspects of distribution. Spring; three recitations weekly. Credit, 3 semester hours.

315. Business Law I

Prerequisite: Bus. Admin. 227

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

316. Business Law II

Prerequisite: Bus. Adm. 227

The general principles of business law, including personal and real property, mortgages, insurance, bankruptcy, suretyship and trade regulations. Spring; three recitations weekly. Credit, 3 semester hours.

317. Managerial Accounting

Prerequisite: Bus. Admin. 228

This accounting course emphasizes how accounting data can help managers to get things done. The product of accounting is applied to the process of management. Spring; three recitations weekly. Credit, 3 semester hours.

320. Advertising

Prerequisite: Bus. Admin. 227

The principles, practices, and effects of advertising, including cost, means, and media. Fall; three recitations weekly. Credit, 3 semester hours.

321, 322. Intermediate Accounting I and II

Prerequisite: Bus. Admin. 228

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

408. Personnel Management

Prerequisite: Bus. Admin. 307

The human phase of organization, personnel efficiency, handling personnel situations, developing work-teams, labor relations and administration of matters affecting the personnel of an organization. Spring; three recitations weekly. Credit, 3 semester hours.

415. Business Finance I

Prerequisite: Bus. Admin. 228

The basic principles of business finance as they apply to various forms of business organizations: financial planning, funds from operations; short-term and intermediate-term loan capital. Fall; three recitations weekly. Credit, 3 semester hours.

416. Business Finance II

Prerequisite: Bus. Adm. 228

The basic principles of business finance, including long-term business debts, owner's equity, financing of small business, business promotion, recapitalization, reorganization, and liquidation of business firms. Spring; three recitations weekly. Credit, 3 semester hours.

417. Intermediate Income Tax Accounting

Prerequisite: Bus. Admin. 230

A technical treatment including partnership and corporation reporting

of income to the federal government. Spring; three recitations weekly. Credit, 3 semester hours.

420. Salesmanship

Prerequisite: Bus. Admin. 228 and 312

A study of the significance of sales in the economy; principles and methods of salesmanship and the management of sales. Spring; three recitations weekly. Credit, 3 semester hours.

424. Cost Accounting

Prerequisite: Bus. Admin. 228

Job, process and standard costing. Fall; three recitations weekly. Credit, 3 semester hours.

435. Marketing Policies

Prerequisites: Bus. Admin. 228 and 312

Designed to aid the student in solving marketing problems. Policy formulation in such areas as product strategy, pricing, product promotion, channels of distribution, operation analysis and control. Fall; three recitations weekly. Credit, 3 semester hours.

451. Industrial Psychology

Prerequisite: Psychology 101

A direct application of behavioral science to human relation problems in business and industry. Includes a study of the common adjustments, maladjustments, and factors related to obtaining employment and advancement in industry; group dynamics; and other factors related to improving working conditions and the enhancement of the employee. Fall; three recitations weekly. Credit, 3 semester hours.

458. Auditing

Prerequisite: Bus. Admin. 321

Internal and independent procedures for this control technique. Spring; three recitations weekly. Credit, 3 semester hours.

462. An Introduction to Automated Accounting Systems

Prerequisite: Bus. Admin. 321

A study of data processing principles and simulated use of these principles in modern business. Spring; three recitations weekly. Credit, 3 semester hours.

465. Business Decisions Under Uncertainty

Prerequisite: Bus. Admin. 307 and 310

Evaluation of uncertainty through a system of statements and inferences. Simulation of deterministic decision trees. Simulation of probabilistic decision trees. The Monte Carlo sampling technique. Fall; three recitations weekly. Credit 3 semester hours.

ECONOMICS

201. Principles of Economics I

This course provides an overall picture of the operation of our economy. Emphasized are the following topics: An introduction to American capitalism, national income, level of employment, fiscal policy, monetary policy, and economic growth. Fall or Spring; three recitations weekly. Credit, 3 semester hours.

202. Principles of Economics II

Prerequisite: Econ. 201

This second part of the Principles course in economics concentrates on the determination of prices in competitive and monopolistic markets, the distribution of income along functional lines, international economics, and comparative economic systems. Fall or spring; three recitations weekly. Credit, 3 semester hours.

301. Intermediate Micro-economic Theory

Prerequisites: Economics 201-202

Price determination and income distribution in a market economy. Fall; three recitations weekly. Credit, 3 semester hours.

304. Money and Banking

Prerequisites: Economics 201-202

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

306. Economic Geography

The same course as Geography 306. Spring; three recitations weekly. Credit, 3 semester hours.

330. Public Finance

Prerequisites: Economics 201-202

A study of revenue and expenditure on all government levels in the United States. Spring; three recitations weekly. Credit, 3 semester hours.

340. International Trade

Prerequisites: Economics 201, 202, 304

An introduction to international trade, the balance of payments, and related issues of foreign economic policy. Spring; three recitations weekly. Credit, 3 semester hours.

341. Economic History of the United States

Prerequisites: History 107, 108

The same course as History 408. Fall; three recitations weekly. Credit, 3 semester hours.

401. Intermediate Macro-economic Theory

Prerequisites: Economics 201, 202, 301, 304, 330

Determination of the national income and of its components. Economic growth and fluctuations. The influence of public policy on the production and employment level and on the distribution of the national income. Fall; three recitations weekly. Credit, 3 semester hours.

406. Economic Systems

Prerequisites: Economics 201, 202

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

407. Economics of Labor

Prerequisites: Economics 201, 202

The application of economic principles to the administration of

modern labor organizations, wage determination, collective bargaining, and public regulations. Fall; three recitations weekly. Credit, 3 semester hours.

411. Development of Economic Thought

Prerequisites: Economics 201, 202, 304, 330

A basic course in the development of economic theories and doctrines, ranging from the Greek to the present day. Fall; three recitations weekly. Credit, 3 semester hours.

419. Senior Seminar in Economics

Prerequisite: Consent of instructor

A seminar featured to prepare students for graduate work in Economics. Spring; three sessions weekly. Credit, 3 semester hours.

BUSINESS EDUCATION

101, 102 Beginning Typewriting I and II

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

201. Advanced Typewriting I

Emphasis on applied typewriting. The development of sustained production of various kinds of typewriting problems. Speed-building program to develop a high degree of skill. Fall; three recitations weekly. Credit, 2 semester hours.

202. Advanced Typewriting II

Prerequisite: Business Education 201

A continuation of Business Education 202. Advanced typewriting problems and duplication procedures. Spring; three recitations weekly. Credit, 2 semester hours.

213, 214. Beginning Shorthand I and II

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

313. Advanced Shorthand I

A second-year course in shorthand, consisting of rapid dictation and rapid transcription. Mastery of principles of Gregg Shorthand. Ability to take dictation at a rate of 100 to 120 words a minute. Fall; five recitations weekly. Credit, 3 semester hours.

314. Advanced Shorthand II

A continuation of rapid dictation and rapid transcription. Spring; five 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; three recitations weekly. Credit, 3 semester hours.

453. Secretarial Office Practice

A terminal course required of all business education majors. It is designed to consolidate office attitudes, knowledge, and skills in order to give each student a comprehensive understanding of effective secretarial procedures in the business office and their relation to other areas of business. This course to include instruction in filing, the use of business forms, and an acquaintance with the newest, essential machines in an automated office. Fall; three recitations weekly; three laboratory periods weekly. Credit, 4 semester hours.

METHODS

400. Business Education. Methods of Teaching Business Education

Methods used in high school teaching of business subjects, with emphasis upon typewriting, shorthand, and bookkeeping. Spring; five recitations weekly for one-half the semester. Credit, 3 semester hours.

EDUCATION

Head: L. L. MURRAY

JAMES G. BLOODSWORTH
RHODA P. COLLINS
WILLIAM H. DEAN
JESSE M. LAMM
RUTH H. NIXON

GERALD PARKER
JOHN T. RUSSELL
JANIE B. SILVER
DANIEL E. TODD, JR.

The primary function of the Department of Education is to provide professional preparation for individuals who are preparing to teach in the public schools. The total program of professional education is designed to encompass an understanding of the learner, of the learning processes, of the school and the meanings and purposes of education, and to foster the development of professional skills in methods and techniques of instruction. The Department of Education utilizes the resources of the entire university for the academic subject matter necessary to provide breadth and depth of background in the liberal arts and in the sciences, both of which are maximally essential for effective teaching. The professional program is also designed to meet the criteria for teacher certification as set forth by the North Carolina Department of Public Instruction.

Each student has the responsibility for consulting with his major departmental adviser and the Education Department in order to keep abreast of all regulations and information concerning his academic record for graduation and/or certification. All prospective teachers should study the requirements of the state in which they plan to teach, as well as the requirements of the University, keeping in mind that graduation and certification programs are not necessarily the same even though it is possible to achieve both in a planned program.

ELEMENTARY EDUCATION

The Major

The requirements for the degree of Bachelor of Science with a major in Elementary Education are 128 semester hours credit, prescribed according to the school grade-level teaching certificate desired—Kindergarten through Grade 3 (Certificate in Early Childhood Education) or Grades 4 through 9 (Intermediate Grades Certificate). The requirements for each certificate, stated below, include all general education requirements prescribed for the degree in Elementary Education, the professional education requirements, and the requirements in professionalized subject matter. Completion of either of these curricula leads to the B.S. degree and the North Carolina Grade “A” teaching certificate.

Recommended sequence for the 128 hour requirement is as follows:

(1) Early Childhood Education Certificate (K-3)

Freshman Year: (33 semester hours) English 105, 106; Mathematics 105; Physical Education 101, 102; Health 101; Education 203; Geography 201; Sociology 203; Electives, 12 semester hours.*

Sophomore Year: (34 semester hours) English 205, 206; Education 300; Educational Psychology 202; History 207, 208; Art 225, 307; Biology 105; Electives, 6 semester hours.

Junior Year: (30 semester hours) Health 310; Physical Education 319; Music 309, 314; Political Science 201; Educational Psychology 303; English Education 383; Speech 310; Electives, 6 semester hours.

Senior Year: (31 semester hours) Physical Science 305; English 371; Speech 404; Education 410, 421-A, 428, 474; Electives, 3 semester hours.

Total 128 semester hours

(2) Intermediate Grades Education Certificate (4-9)

Two areas of concentration are included and must be selected from the four through nine curriculum normally found in the elementary school. They include social studies, science, mathematics, art, music, health and physical education, speech and drama, foreign language, library science, and language arts.

Recommended sequence for the 128 hour requirement is as follows:

Freshman Year: (33 semester hours) English 105, 106; Mathematics 105, 106; Physical Education 101, 102; Health 101; Education 203; Geography 201; Sociology 203; Electives, 9 semester hours.*

Sophomore Year: (31 semester hours) English 205, 206; Education 227; History 207, 208; Educational Psychology 202; Biology 105; Areas of Concentration, 9 semester hours.

* Six to nine semester hours must be in areas of the humanities and/or western civilization.

Junior Year: (33 semester hours) Health 311; Physical Education 316; Educational Psychology 307; Art 307; Speech 310; English 371, English Ed 383; Areas of Concentration, 12 semester hours.

Senior Year: (31 semester hours) Speech 404; Physical Science 305; Music 315; Education 413, 421-B, 428, 475; Areas of Concentration, 3 semester hours.

Total 128 semester hours

SECONDARY EDUCATION

High School Teaching Certificates are obtained in conjunction with the degree of Bachelor of Arts or of Bachelor of Science, with a major in a teaching field or subject. The Department of Education does not offer a degree in secondary education. The requirements for the high school teaching certificate are as follows:

- I. The general educational curriculum as listed for each subject area.
- II. Major departmental requirements for the B.S. or B.A. degree.
- III. Professional Requirements for the secondary teaching certificate: 21 semester hours consisting of Education 227, 400, 428, 431, and Educational Psychology 202 and 404.

COURSES

105. Reading Laboratory

A laboratory course designed to help freshmen who are deficient in reading skills and effective study habits and for others referred by the several academic departments of the University. Individual diagnosis and instruction will be provided to meet the specific reading needs of the student. Students are required to attend this laboratory until their improvement in reading reaches the level required to continue college level performance. Fall, spring, and summer; one class period and one laboratory period weekly. No credit.

200. Developmental Reading

This course is designed to help students improve their personal reading skills. Emphasis will be given to vocabulary development, reading comprehension, and rate of reading. Open to all students. Fall, spring; Credit, 3 semester hours.

203. Developmental Language Arts

A study of selected techniques for helping prospective elementary teachers improve their power in the use of language arts skills in their personal affairs and in teaching. Special emphasis will be given to the newer media in elementary language arts instruction. A special practicum serving as a teacher-assistant in the public schools will be required. Fall, spring, and summer. Credit, 3 semester hours.

226. Practicum - Mentally Retarded Children

An expository laboratory course which will enable the beginning special education major to understand education for the mentally

retarded. Theory will be combined with first-hand educative experiences. Credit, 3 semester hours.

227. Foundations of Education I

Historical, philosophical, and sociological foundations of education in American society and their relationship to the profession of teaching. Major concepts from these foundations give insight into the roles of teachers, the schools, and education in the communities they serve and in society. The historical development of education in the western world from the time of the ancient Greeks to the present, with emphasis on developments in the United States from 1606 to the present. The philosophical foundation of education include an introduction to naturalism, realism, and existentialism, and their influence in the evolution of American education to date with emphasis on the development of a personal philosophy of education for teachers. The sociological foundations of education and their significance in educational developments in the United States including: (1) education and culture, (2) education and political thought, (3) public education and religion, (4) sociology and education, (5) education and law, and (6) education and economics with emphasis on the operation of sociological factors in the public school classroom. See page 46 for eligibility criteria. Fall, spring, and summer. Credit, 3 semester hours.

300. Foundations of Early Childhood Education

This course is a study of historical, philosophical, and sociological foundations of education in America as they relate to education of the child from kindergarten through grade three. Students observe both a broad range of programs and a grade level selected on the basis of their interest. This is the first course in education taken by students seeking the K-3 credential. Requirements are identical with those for Education 227. Fall, spring, and summer. Credit, 3 semester hours.

301. Early Childhood Curriculum (Nursery and Kindergarten)

This is an elective course suggested for students seeking the K-3 credential and is especially important to students expecting to serve in nursery, kindergarten, or first grade. The focus is on the curriculum of the kindergarten with relation to earlier years and to transitional experiences in the first grade. Fall, spring, summer. Credit, 3 semester hours.

302. Introduction to Exceptional Children

An introduction to the principles and programs of work for educable children who deviate sufficiently in mental, physical, and emotional characteristics so as to profit from special education. Particular emphases are placed on the mentally retarded, the gifted, the blind and partially sighted, the deaf and hard of hearing, the crippled, and the socially handicapped juvenile delinquent. The school's responsibility for and approaches to adjustments in teaching methods and curricula are stressed. Spring, fall, or summer. Credit, 3 semester hours.

303. Introduction to the Study of Mental Retardation

Prerequisite: Education 302

A study of the terminology, classification, etiological factors, sociological factors, characteristics, identification techniques, preventive factors and programs of education. Emphasis is placed on the relationship of the above factors to the educational program in a public school setting. Fall, spring, and summer. Credit, 3 semester hours.

400. Methods of Teaching in the Secondary School

Methods course descriptions are listed for each major in the several departmental listings of courses. Fall, spring, and summer. Credit, 3 semester hours.

410. Teaching Reading—Early Childhood

A study of current trends, materials and practices for the teaching of reading in early childhood. Specific emphasis on growth and development as they relate to beginning reading and readiness. (To be taken during the semester preceding student teaching.) Fall, spring, and summer. Credit, 3 semester hours.

413. Teaching Reading—Intermediate Grades

A study of current trends, materials, and practices for the teaching of reading in the intermediate grades (4-9). Special emphasis will be given to the study of individual differences, grouping, work attack skills, and planning as related to developmental reading. (To be taken during the semester preceding student teaching) Fall, spring, and summer. Credit, 3 semester hours.

416. Principles of Guidance

This is an elective course designed primarily to assist the classroom teacher. Consideration is given to techniques the teacher can use in understanding and assisting pupils. The broad field of guidance is considered both from the standpoint of the contribution the teacher can make and the help which may be received. Spring or summer. Credit, 3 semester hours.

417. Tests and Measurements in Special Education

The theory and practice of classroom testing of exceptional children through the use of individual and group intelligence and achievement tests. Techniques for constructing varied evaluative instruments will be included. Fall, spring, summer. Credit, 3 semester hours.

418. Measurement and Evaluation in Public Schools

A study of the various types of educational measurement as used currently in the public schools. A study of the use and construction of standardized mental and achievement tests, and of informal, teacher-made tests. Provides opportunity for constructing, administering, and scoring tests; offers practice in interpreting and evaluating results. Emphasis on evaluation in terms of teaching procedures. Fall or spring. Credit, 3 semester hours.

419. Teaching Reading in the Secondary School

Designed to aid teachers in the teaching of reading at the secondary level. Consideration for the needs of the average and superior readers as well as those whose skills are below average. Included are word recognition, vocabulary development, study skills, reading rate, comprehension and development of reading skills in the several content areas. Open to all candidates for high school teaching certificates. Fall, spring, or summer. Credit, 3 semester hours.

420. Workshop in the Teaching of Reading

Prerequisite: Education 413 or its equivalent

A study of current problems in the teaching of reading with emphasis upon materials, methods, phonics, and audio-visual aids. Includes demonstrations and research by students. Designed to give practical assistance in the teaching of reading in the public schools. Summer. Credit, 3 semester hours.

421. Student Teaching in the Elementary School

421-A—Early Childhood Education (Grade K-3)

421-B—Intermediate Grades (Grades 4-9)

Provides continuous full-time student teaching experience in an off-campus public school at the Early Childhood (K-3) or at the Intermediate (4-9) level depending on the candidate's area of preparation. A variety of professional experience beginning with purposeful observation and leading to gradual induction into full-time teaching experience, acquainting the student teacher with the wide range and varied relationships of the teacher's work. Formal and informal conferences with university supervisors and cooperating teachers and principals. Registration for student teaching permitted only when it is to be performed in conjunction with the professional semester, all of which must be completed at the university. Candidates may not complete registration for the professional semester until all criteria specified by the Department of Education for admission to the professional semester have been met. (See pages 46-47 for eligibility criteria.) Fall and spring. Credit, 6 semester hours.

423. Research in Elementary Education

An introduction to research design organized to allow the exploration of areas of individual interest. Student investigation and report of an approved problem in elementary education which is of specific interest to the student and conducted under the guidance of the instructor. An initial period of classroom instruction followed by regularly scheduled progress conferences for guidance and evaluation. This course is especially beneficial to students of education desiring to fill out their programs of preparation with in-depth study in a problem area of interest to them and to teachers desiring to augment their credit toward certificate renewal. Scheduled only with approval of Chairman of the Department of Education. Fall, spring, and summer. Credit, 1 to 6 semester hours.

424. Modern Trends in the Teaching of Reading

Current research dealing with problems and practices in reading instruction on all levels. Also concerned with program building and experimental practices in reading instruction. Summer; credit, 3 semester hours.

425. Classroom Diagnosis of Reading Difficulties

Developed for analysis and evaluation of reading difficulties met by experienced teachers in their classrooms. Summer. Credit, 3 semester hours.

426. Workshop in Early Childhood Education (K-3)

Designed for teachers of early childhood education, with special emphasis on curriculum, methodology, and current research in the teaching of young children. Included are new techniques and current instructional media for the kindergarten. Summer. Credit, 3 to 6 semester hours.

428. Foundations of Education II

This course provides an understanding of the purpose, organization, and administration of schools, with special emphasis on the role of the teacher in the classroom, the school, the school system, and education. Additional topics include: (1) curriculum patterns, (2) articulation among programs of the elementary, junior high, high school, and programs for continuation of education beyond the high school, (3) policies and procedures for pupil accounting, (4) pupil promotion policies and practices, (5) co-curricular activities, (6) legal bases of education, (7) financial support for education, (8) accreditation of public schools, (9) certification of professional educators, (10) counsel-

ing and guidance of students, and (11) the teacher's role in relating the school to the community. Fall, spring, and summer; accelerated. Credit, 3 semester hours.

431. Student Teaching in the Secondary School

Provides continuous full-time student teaching experience in an off-campus public school in the subject area for which the candidate is preparing to teach. A variety of professional experiences beginning with purposeful observation and leading to gradual induction into full-time teaching experience, acquainting the student with the wide range and varied relationships of the teacher's work. Formal and informal conferences with university supervisors and cooperating teachers and principals scheduled. Includes a final evaluative period for post-observation and self-evaluation. Registration for student teaching permitted only when it is to be performed in conjunction with the professional semester, all of which must be completed at this University. Candidates may not complete registration for the professional semester until all criteria specified by the Department of Education have been met. (See pages 46-47 for eligibility criteria.) Fall and spring. Credit, 6 semester hours.

433. Research in Secondary Education

An introduction to research design organized to allow the exploration of areas of individual interest. Student investigation and report of an approved problem in secondary education which is of specific interest to the student and conducted under the guidance of the instructor. An initial period of classroom instruction followed by regularly scheduled progress conferences for guidance and evaluation. This course is especially beneficial to students of education desiring to fill out their programs of preparation with in-depth study in a problem area of interest to them and to teachers desiring to augment their credit toward certificate renewal. Scheduled only with approval of Chairman of the Department of Education. Fall, spring, and summer. Credit, 1 to 6 semester hours.

434. Problems in Contemporary Education

Individual study of trends and practices, instructional and resource material, methods and techniques in education. Fall, spring, and summer. Credit, 1, 2, or 3 semester hours.

441. Student Teaching in Special Education—The Mentally Retarded

Provides continuous full-time student teaching experience in an off-campus public school. A variety of professional experiences beginning with purposeful observation and leading to gradual induction into full-time teaching experience, acquainting the student teacher with the wide range and varied relationships of the teacher's work. Formal and informal conferences with university supervisors and cooperating teachers and principals. Registration for student teaching permitted only when it is to be performed in conjunction with the professional semester, all of which must be completed at the university. Candidates may not complete registration for the professional semester until all criteria specified by the Department of Education for admission to the professional semester have been met. (See pages 46-47 for eligibility criteria.) Fall and spring. Credit, 6 semester hours.

455. Workshop in Elementary School Science

Designed to provide the in-service teacher with opportunities for organizing materials and techniques used in the teaching of science. Special emphasis on setting up simple scientific experiments and how to carry our demonstrations with maximum pupil participation. Use of the North Carolina Science Handbook and other materials and provision for scientific experience for teachers at all elementary school grade levels, K-3 and 4-9. Summer. Credit, 3 semester hours.

460. Audio-Visual Materials and Procedures

Principles underlying the selection and use of materials for instructional purposes in the field of public school teaching, business, and social services. Laboratory experiences, including the operation of equipment, the selection, preparation, and evaluation of audiovisual materials. Fall, spring, or summer. Credit, 3 semester hours.

462. Teaching the Slow Learner

A study of the performance characteristics of the slow-learning child. A survey of the techniques of presentation of materials; analysis of attention spans, motivation, readiness, effects of reward and need satisfaction; developmental growth curves and plateaus; individual pupil needs, and measurement and evaluation of growth and specific progress in relation to abilities. Fall, spring, or summer. Credit, 3 semester hours.

463. Workshop in Teaching Modern Arithmetic in the Elementary School

Designed to assist elementary teachers in the preparation and planning of a modern, effective, contemporary mathematics program for grade levels K-3 and 4-9. Included are objectives, methods of presentation, obtaining and use of visual training aids, use of textbooks, enrichment activities, grouping for instruction, and discovery patterns. Fundamental concepts include set theory, geometry, and research, and their application to daily life for pupils. Summer. Credit, 3 semester hours.

464. Teaching the Gifted

The needs and characteristics of gifted children, appropriate materials and methods, and teacher qualifications. Emphasis is placed on the techniques and values related to acceleration, enrichment, and special summer classes, and to the research of Terman, Hollingworth, Witty, and others. Credit, 3 semester hours.

465. Techniques of Team Teaching

Designed for training teachers in the techniques of team teaching as related to their work in the ever expanding comprehensive school improvement program; special emphasis placed on pupil grouping, pupil readiness, and pupil achievement: evaluation; flexibility of materials and techniques of presentation aimed at an individualized instructional program. Summer. Credit, 3 semester hours.

473. Problems, Materials, and Methods in Teaching Special Education

A study of the problems, materials, and methods in teaching special education with primary emphasis on the educable and trainable mentally retarded. Credit, 6 semester hours.

474. Methods, Materials, and Practices in Early Childhood Education (K-3)

This course emphasizes effective teaching methods in Early Childhood Education. It covers the fields of the language arts, social studies, science, and mathematics in the curriculum of the kindergarten and the first three grades. Included are the current methods of instruction appropriate to non-graded and other organizational approaches. Fall, spring, and summer; accelerated. Credit, 6 semester hours.

475. Methods, Materials, and Practices in Intermediate Elementary Education (4-9)

This course is devoted to intensive learning activities in the Department of Education stressing the broad concepts of methods, materials, and practices in mathematical experiences, the language arts, social studies, and science as they relate to the child and his curriculum. Fall, spring, and summer; accelerated. Credit, 6 semester hours.

481. Teaching Disadvantaged Children

A practical study of the characteristic, communicative problems, and environmental influences affecting the culturally deprived child, with appropriate teaching strategies for educating disadvantaged children. Summer; credit, 3 semester hours.

EDUCATIONAL PSYCHOLOGY

*202. Educational Psychology

Prerequisite: Ed. 227 or Ed. 300

A study of the learning procedure; the processes of learning; the implementation of the learning processes; the development of good study habits; test construction, evaluation and interpretation; transfer of learning; the biological antecedents of learning; academic-growth and implications associated with the exceptional child. Fall, spring, and summer. Credit, 3 semester hours.

*303. Psychology of Early Childhood

This course covers the broad field of development from conception to adolescence, it focuses on the physical, mental, and social characteristics of the child from five through eight. Intended for majors in Early Childhood Education (K-3). Not open to students who have taken Psychology 205 or 307. Fall, spring, and summer. Credit, 3 semester hours.

*307. Human Growth and Development

The scope of this course includes the full period from conception to adulthood, but focuses on the age span from nine through thirteen (pre-adolescence) and is designed primarily for students seeking the Intermediate Certificate (4-9). Not open to students who have taken Psychology 205 or 303. Fall, and summer. Credit, 3 semester hours.

*404. Psychology of Adolescence

A study and analysis of the physical, emotional, intellectual, and social development of the adolescent. This includes a study of the adolescent's relationships within the home, school and community. Emphasis is placed upon the period of transition from childhood to adulthood. Fall, spring, and summer. Credit, 3 semester hours.

ENGLISH

Head: RAYMOND J. RUNDUS

RANDALL W. ACKLEY
 JAMES E. CARVER
 JAMES S. FARMER
 MARJORIE L. FARMER
 GILES R. FLOYD
 GRACE EVELYN GIBSON
 WAYNE H. HUNTER

LOIS B. LEWIS
 NORMAN W. MACLEOD
 MARGARET E. MOORE
 GEORGE W. POLHEMUS
 GEORGE R. RIDGE
 J. MARSHALL TRIEBER
 ANN R. WELLS

The English Department of Pembroke State University exists for the common good of its students, of the campus community,

*These courses cannot be used as credit toward a major or minor in psychology except with permission of the Head of Psychology Department.

and of a rational and humane society. To serve these purposes, the Department attempts to offer distinctive, realistically conceived, and well-executed programs for (1) the General Education student, (2) the English major and minor, and (3) the English major seeking North Carolina secondary certification (see English Education). The Department recognizes that each program has a different philosophy and different objectives and seeks to make the student aware of and responsive to the philosophy and objectives of his particular program.

Requirements for a Major in English

(Certification Majors: see English Education)

30 semester hours beyond English 206. Three semester hours of either (1) Religion 313 or 411 or (2) three hours of an upper-level speech and drama course, such as Oral Interpretation, Play Direction, or Debate, will be accepted toward the thirty hours. A request for acceptance as an English major is filed with the Head of the Department upon enrollment in either 329 or 331, whichever comes first.

Traditional Studies Emphasis: 9 hours of Survey of English and American Literatures (329, 330, 331, 332); 351 or 352; 370 and/or 371; 12-15 hours of electives chosen after necessary advisement.

Contemporary Literature and Creativity Emphasis: 9 hours in requisite background courses (English 329, 331, and 332) are recommended; 9 hours from Studies in America's Third World Literature, Seminar in Contemporary American Literature, Studies in Film/Television Communications, Studies in Criticism, and a minimum of four hours in Creative Writing or a fine arts studio are required. Electives in literature will complete the thirty hours.

Requirements for a Minor in English: Electives: 15 Hours beyond 206.

105. English Composition I

The study and practice of expository writing. This course seeks to develop basic writing and organizational skills through attention to the principles of clear and effective self-expression and through the careful reading of selected prose essays and fiction. Students who need intensive help are required to enroll for two hours weekly in the Communications Laboratory. Fall and spring. Credit, 3 semester hours.

106. English Composition II

Prerequisite: English 105 or transferred equivalent.

The study of imaginative writing through an introduction to types of literature, and the further development of an effective writing style through reflective and critical themes and the practice of research and presentation techniques. Fall and spring. Credit, 3 semester hours.

200. English Proficiency

Prerequisite: English 105-106.

Reading and discussion relating to clear writing; emphasis placed on writing themes. This course meets for as many weeks as the instructor requires for the individual student to meet his particular needs in

writing. Course is open to all students on an elective basis and is required of those students who fail the English Proficiency Test. Those passing this course are excused from the English Proficiency Test. Fall and spring. Non-credit.

205. World Literature I

Prerequisites: English 105 and 106 or equivalents

A study primarily of Western literature, emphasizing the contributions of its greatest writers to both the representative culture and the subsequent tradition, through the Renaissance. Fall and spring. Credit, 3 semester hours.

206. World Literature II

Prerequisite: English 205

A study of the greatest works and authors of primarily Western literature from the seventeenth to the present century. Fall and spring. Credit, 3 semester hours.

329. English Literature

Prerequisites: English 205 and 206

An examination of the literature of England from *Beowulf* through the seventeenth century. Fall. Credit, 3 semester hours.

330. English Literature

Prerequisites: English 205 and 206

An examination of the literature of England from the early eighteenth century to twentieth century. Spring. Credit, 3 semester hours.

331. Survey of American Literature

Prerequisites: English 205 and 206

A critical and historical survey of American Literature from its beginning to ca. 1860. Fall. Credit, 3 semester hours.

332. Survey of American Literature

Prerequisites: English 205 and 206

A critical and historical survey of American Literature from ca. 1860 to the present. Spring. Credit, 3 semester hours.

342. The English Novel

Prerequisites: English 205 and 206; 330 recommended

A critical study of the English novel from the eighteenth century to the twentieth (from Richardson through Conrad and James), with considerable attention to social history and the novel's formal structure, as experienced in the reading of a number of representative novels. Spring. Credit, 3 semester hours.

343. The American Novel

Prerequisites: English 205 and 206; 331 or 332 recommended

A critical study of the American novel and a reading of selected novels from Fenimore Cooper through Sinclair Lewis, with emphases on the formal development of the novel and its reflection of various American social and cultural contexts. Fall. Credit, 3 semester hours.

351. Shakespeare

Prerequisites: English 205 and 206; 329 recommended

An introduction to the Elizabethan theatre and a critical study of Shakespeare's earlier plays—histories, comedies and tragedies—including *Hamlet*. Fall. Credit, 3 semester hours.

352. Prerequisites: English 205 and 206; 329 recommended

A study of Shakespeare's theatrical career and a critical study of his later plays, beginning with *King Lear*, continuing with Roman and problem plays, and concluding with the last romances. Spring. Credit, 3 semester hours.

354. Modern Drama

Prerequisites: English 205 and 206

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

366. Modern British and American Poetry

Prerequisites: English 205 and 206

A study of British and American poetry from Whitman, Dickinson, and Hardy to Sylvia Plath in the early 1960's with emphasis on the major poets of the twentieth century. Spring. Credit, 3 semester hours.

370. Advanced Composition

Prerequisites: English 205 and 206

The study and practice of advanced composition techniques, including principles of rhetorical strategy, syntactic and stylistic analyses, and with some practice in reporting and newswriting. Fall and spring. Credit, 3 semester hours.

371. Modern English Grammar

Prerequisites: English 205 and 206

A study of modern and traditional English grammar, including structural linguistics and transformational grammar. Required for K-3 and 4-9 Certification. Fall and spring. Credit, 3 semester hours.

375. Studies in Film and Television Communication

Prerequisite: Permission of Instructor (s).

An introduction to the vocabulary and literature of film and/or television. The topics will vary, but film and/or television will be studied as independent media. Taught by members of the Art, English, and Speech and Drama departments. May be repeated with permission of instructors. Offered when circumstances warrant. Credit, 3 semester hours; Maximum, six semester hours.

376. Creative Writing I

Prerequisites: English 105 and 106

Designed for serious study and practice of various literary forms. Fall and spring. Credit, 3 semester hours.

377. Creative Writing II

Prerequisites: English 105 and 106; 376

Designed for serious study and practice of various literary forms beyond the level presented in English 376. Fall and spring. Credit, 3 semester hours.

380. Today's Verbal Arts in Various Media

Prerequisite: Permission of Instructor (s)

A colloquium introducing the student, through discussion, viewing, listening, participating, and creating, to the study and analysis of the verbal arts in the media of poetry, fiction, film, television, and drama. Taught in cooperation with the Art and Speech and Drama departments. Offered when circumstances warrant. Credit, 3 semester hours.

393. History of the English Language

Prerequisites: English 205 and 206; 370 or 371

An historical study of the development of the English language from its Indo-European ancestry to the twentieth century, with emphasis on the many influences affecting its phonology, morphology, syntax, and orthography. Fall and spring. Credit, 3 semester hours.

403. Contemporary World Fiction

Prerequisites: English 205 and 206

A survey of the short story, short novel, and novel in Western literature of the twentieth century. Fall. Credit, 3 semester hours.

410. Chaucer

Prerequisites: English 205 and 206

A critical study of the writings of Geoffrey Chaucer with special emphasis on *The Canterbury Tales* and *Troilus and Criseyde*. The course will include some intensive study of Chaucer's language and its relation to modern English. Readings will include both Middle English and modern translations. (1971-1972) Alternate springs. Credits, 3 semester hours.

420. Studies in America's Third World Literature

Prerequisites: English 205 and 206; 332 or permission of instructor

A cultural and critical study of American Indian, Chicano, Black, and other minority writers, to be taught by various instructors. May be repeated with permission of department head. Offered when circumstances warrant. Credit, 1-3 semester hours; maximum, six hours.

426. Creative Writing Workshop

Prerequisites: English 370 or 376 or permission of instructor

This course will normally be taught by visiting writers and may be repeated for credit. Offered when circumstances warrant. Credit, 1-3 semester hours; maximum, six hours.

429. Literature of the English Renaissance

Prerequisites: English 329 or permission of instructor

A critical study of the major authors of the English Renaissance and their intellectual milieu, focusing on Spenser, Sidney, Johnson, and on Shakespeare's fellow dramatists, but excluding Shakespeare's plays. The course will be taught as a seminar and will alternately focus on non-dramatic prose and poetry and on poetry and drama. Alternate springs. Credit, 3 semester hours. (1971-1972)

430. Literature of the Neo-Classical Period

Prerequisites: English 329 or permission of instructor

A critical study of English literature from the Restoration of 1660 through the Age of Johnson, with an emphasis on the major writers and including representative plays. Alternate falls. Credit, 3 semester hours. (1972-1973)

431. Literature of the Romantic Period

Prerequisite: English 330 or permission of instructor

A study of the literature of the Romantic Period, with emphasis on that of Wordsworth, Shelley, Keats, and Byron. Fall. Credit, 3 semester hours.

432. Literature of the Victorian Period

Prerequisite: English 330 or permission of instructor

An historical and critical study of the major British writers in the reign of Victoria, focusing alternately on prose and poetry. Spring. Credit, 3 semester hours.

440. Studies in Criticism

Prerequisites: 6 hours of survey courses and English 370 or 376; or permission of Head of Department

An introduction to the principles of criticism and the development of critical theories, emphasizing the pragmatic application of critical and interpretive tools. Topics may vary from year to year. Spring. Credit, 3 semester hours.

450. Seminar in Contemporary American Literature

Prerequisite: English 332 or permission of instructor

A study of varying aspects of post-World War II American literature. May be taught in the regular term or in special short terms by visiting professors and may be repeated for a maximum of six hours with the permission of the instructor and the department head. Fall. Credit, 3 semester hours.

452. Milton

Prerequisites: English 205 and 206

A study of the life, ideas, and writings of John Milton, and his subsequent influence. Alternate Falls. Credit, 3 semester hours. (1972-1973)

456. Independent Study

Independent study is offered to senior English majors in good academic standing following approval of the Department Head. A proposal for the study is submitted to the Department Head and the Associate Dean; and a copy of the completed project is filed in the Associate Dean's office. Fall and spring. Credit, 1-3 semester hours.

ENGLISH EDUCATION

ANN R. WELLS

The English Education program is planned to help prospective teachers develop a personal philosophy of teaching; to become effective teachers of writing, reading, speaking, listening, to see the futility of teaching any phase of English in isolation; to recognize that English teachers need to be creative, original, inspiring, willing, positive, untiring, and resilient.

Three courses required for certification constitute the core of the program: English Education 383 (for Elementary and Intermediate Certification), 384, and 400. The latter course is, for North Carolina Secondary Certification in English, the final professional course and *follows* the fulfilling of these departmental requirements:

36 semester hours, including 9 hours of Survey of American and English Literatures (329, 330, 331, 332); 351 or 352; 370 or 371; 393; English Education 384; three hours of Oral Interpretation, Play Direction, Debate, or Debate Coaching; Education 419 (Teaching Reading in the Secondary Schools); and 9 hours of electives in English including at least *one period course* (429, 430, 431, 432, 450), and *one genre course* (342, 343, 354, 366, 403; or 440). English certification majors are strongly urged to take as electives Education 460 (Audio-Visuals) and three further hours in an adjunct speech and drama course.

383. Children's Literature

Prerequisites: English 205 and 206

A survey of literature for children, with emphasis on the literature for these two age groups: K-3, and 4-9. This course seeks to develop standards for selecting such materials for the school and home with some attention given to the methods of teaching this literature. Required for K-3, and 4-9 Certification. Fall and spring. Credit, 3 semester hours.

384. Adolescent Literature

Prerequisites: English 205 and 206

A survey of literature for adolescents, grades 10-12, emphasizing the development of standards for selecting such materials for school and home, with some attention given to the methods of teaching this literature. Required for certification majors; may be elected by an English major. Fall and spring. Credit, 3 semester hours.

400. Methods of Teaching English

Prerequisite: Admission to Professional Semester or consent of head of English Department

A seminar and practicum in methods and concepts of teaching language, literature, and composition in grades 7-12. Fall and spring, half the semester. Credit, 3 semester hours.

LIBRARY SCIENCE

BILLIE FAYE EVANS

The purposes of the Library Science Program at Pembroke State University are to provide initial professional education for the school librarian or media specialist; to provide a basis for continuing education in the field; and provide opportunities for post-graduate or ancillary education in the field. Instruction is designed to promote the media approach in all phases of the program. The following categories indicate the qualification and admission requirements for those interested in the study of library science:

- A. For prospective teachers enrolled in an approved teacher certification program at Pembroke State University. Admission Requirements: (1) Completion of 40 semester hours of college work; (2) Acceptance into a teacher certification program.
- B. For in-service teachers holding valid North Carolina Class A Certificates seeking certification as school librarians. Admission Requirement: Approval by the Head of the Department.
- C. For graduates of accredited institutions who hold *non-teaching* degrees and seek certification in Library Science. Admission Requirement: Approval by Head of Department
- D. For persons seeking education in Library Science but not a degree or certification (teacher aides, public library employees, etc.) Admission Requirement: All courses in Library Science are offered as general electives subject to approval by the Department Head and instructor.

Courses Required for North Carolina Librarian Certification**1. Teacher Librarian**

- 310. Administration of School Library Programs
- 420. Selection of Media for Children
- or 421. Selection of Media for Young People
- 423. Basic Reference Sources and Methods
- 440. The Instructional Materials Center Program
- 445. Service in the Instructional Materials Center

2. School Librarian

- 300. Libraries and Librarianship
- 310. Administration of School Library Programs
- 320. Organization of Media Centers
- 410. Selection of Materials for the School Materials Center
- 420. Selection of Media for Children

- or 421. Selection of Media for Young People
 423. Basic Reference Sources and Methods
 440. The Instructional Materials Center Program
 445. Service in the Instructional Materials Center
300. Libraries and Librarianship.
 A study of the library in society which considers the historical development, patterns of library service, relationships of libraries to other agencies, standards for library service, and librarianship as a profession.
310. Administration of School Library.
 A study of principles and practices of organization and administration of media programs that effectively contribute to the realization of educational objectives. Included will be a study of the budget, records and reports, stopping patterns, facilities and equipment, and effective programs for maximum utilization of media.
320. Organization of Media Centers.
 A study of the techniques of classification and cataloging of all types of materials for the media center. Included will be a study of classification and other organizational schemes for media, types of cataloging and catalog maintenance, and commercial and centralized processing.
410. Selection of Materials for the School Materials Center.
 A study of principles of selection, sources for selection, criteria for selection, purchasing of materials, the production of materials, and the acquisition and maintenance of professional collections for teachers and administrators.
420. Selection of Media for Children.
 A survey of materials appropriate for children in grades K-9. Included will be opportunities to examine and evaluate all types of media to meet the needs of this age group.
421. Selection of Media for Young People.
 A survey of materials appropriate for young people. Included will be opportunities to examine and evaluate all types of media to meet all needs of this age group.
423. Basic Reference Sources and Methods.
 A study of the materials center as a source of information with emphasis on the evaluation and use of general reference works and materials in specific subject areas.
440. The Instructional Materials Center Program.
 An in-depth study of the IMC and its program. Included will be a study of teaching methods, using media; study and research skills; guidance in reading, viewing, and listening; and evaluation of the total library program.
445. Service in the Instructional Materials Center.
 A laboratory experience for students to provide opportunities to observe and work in area instructional materials centers.

FOREIGN LANGUAGES

Head: REBA MILLSAPS LOWRY

*RONALD L. DICE

LINDA DEESE (Laboratory Supervisor)

MARGARET EPSTEIN

MARJORIE FARMER

ADELFA PEREZ-CRUZ

NAHIR SANCHEZ

MARIANNE SCHEELE

**RUDY De'WAYNE WILLIAMS

* National Teaching Fellow

** On academic leave

The Foreign Language Department offers courses in Spanish, French, German, and Latin: to give the student training in understanding, speaking, reading, and writing 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. Courses are taught in the target language.

A student presenting two or more 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 course for which he is qualified.

Requirements for a departmental major in French: 30 semester hours above the elementary level including: French 231, 232 or its equivalent; 321 or 322, 355 or 356; Electives: 18 semester hours.

Requirements for certification in the teaching of French: 30 semester hours above the elementary level including: French 231, 232 or its equivalent; 321, 322; 331; 355; 356; Electives: 9 semester hours.

Requirements for a minor in French: 18 semester hours above the elementary level including: French 231, 232 or its equivalent; 355 or 356; Electives: 9 semester hours.

A major in German is not available at present.

Requirements for a minor in German: 18 semester hours above the elementary level including: German 231, 232 or its equivalent; 355 or 356; Electives: 9 semester hours.

Requirements for a departmental major in Spanish: 30 semester hours above the elementary level including: Spanish 231, 232 or its equivalent; 321 or 322; 355 or 356; Electives: 18 semester hours.

Requirements for certification in the teaching of Spanish: 30 semester hours above the elementary level including: Spanish 231, 232 or its equivalent; 321, 322; 331; 355, 356; Electives: 9 semester hours.

Requirements for a minor in Spanish: 18 semester hours above the elementary level including: Spanish 231, 232 or its equivalent; 355 or 356; Electives: 9 semester hours.

FRENCH

131, 132. Elementary French

Introduction to understanding, speaking, reading, and writing French. Audio-lingual techniques, phonetics, pronunciation, diction, conversation, fundamentals of grammar, easy literary readings, simple compositions, conversations, civilization, geography, songs, realia, and audio-visualized instruction. For beginners. Fall, spring; three recitations weekly. Credit, 6 semester

231, 232. Intermediate French

Prerequisite: 131, 132, or two units of high school French and a good score on the French proficiency test.

Intensive practice in spoken and written patterns. Pronunciation,

linguistics, phonetics, diction, conversation, grammar review, introduction to French literature, and formal and free composition, Fall, spring; three recitations weekly. Credit 6 semester hours.

321, 322. Survey of French Literature

Masterpieces of French Literature from the beginning to the present as an outgrowth of French history and civilization. Fall, spring; three recitations weekly. Credit, 6 semester hours.

331. Advanced French Grammar, Composition, and Linguistics

Further study of the morphological and syntactic structure of the French language, based on French literary masterpieces; vocabulary and idiom study; formal and free composition; comparison of French grammar-patterns with those of the other Romance Languages and English; and intensive practice in aural-oral French. Fall; three recitations weekly. Credit, 3 semester hours.

334. French Phonetics and Diction

Study of the phonemic structure of modern French; sounds; intonation; transcriptions; remedial drills; French phonological theory; and comparison of French sound-patterns with those of the other Romance Languages and English. Spring; three recitations weekly. Credit 3 semester hours.

355, 356. French Conversation and Composition

Intensive practice in aural-oral French, based on contemporary French prose and civilization subject-matter; further study of grammar, vocabulary, and idiom; further training in formal and free composition. Fall, spring; three recitations weekly. Credit, 6 semester hours.

361. French Civilization and Culture

Prerequisite: French 231 or its equivalent

A course designed to give students a better understanding of the history and civilization of France (and other French-speaking countries) and to increase their knowledge of the general aspects of French culture. Fall or spring; three recitations weekly. Credit, 3 semester hours.

363, 364. Twentieth Century French Literature

Contemporary French criticism, drama, poetry, and novels with emphasis on neo-realistic and neo-romantic tendencies. Fall, spring; three recitations weekly. Credit, 6 semester hours.

435, 436. Nineteenth Century French Literature

Outstanding authors and their works in romanticism, realism, naturalism, and symbolism. Fall, spring; three recitations weekly. Credit, 3 semester hours.

441. Seventeenth Century French Literature

Outstanding authors and their masterpieces in the preclassical, classical and transition periods, Fall; three recitations weekly. Credit 3 semester hours.

442. Eighteenth Century French Literature

Leading writers during the formation of the philosophical spirit the philosophical struggle and the French Revolution. Spring; three recitations weekly. Credit, 3 semester hours.

445. Independent Study in French

General course designed primarily for French majors for the exploration of individual interest areas. Student research on an approved problem under the guidance of an instructor. Regularly scheduled progress conferences between the instructor and the student for evaluation purposes. Scheduled only with the approval of the Head of the Department. Offered by arrangement. Credit, 1 to 4 semester hours.

GERMAN

131, 132. Elementary German

Introduction to understanding, speaking, reading, and writing German. Audio-lingual techniques, phonetics, pronunciation, diction, conversation, fundamentals of grammar, easy literary and scientific readings, simple compositions, conversations, civilization, geography, songs, realia, and audio-visualized instruction. 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 and a good score on the German proficiency test.

Intensive practice in spoken and written patterns. Pronunciation, phonetics, diction, conversation, grammar review, introduction to literary and scientific German, and formal and free composition. Fall, spring; three recitations weekly. Credit, 6 semester hours.

321, 322. Survey of German Literature

Study of German Literature from the earliest documents to the present. Conducted in German. Parallel reading and term paper in German will be required. Fall, spring; three recitations weekly. Credit, 6 semester hours.

331. Advanced German Grammar, Composition, and Linguistics

Further study of the morphological and syntactic structure of the German language; vocabulary and idiom study; formal and free composition; comparison of German grammar-patterns with those of English; and intensive practice in aural-oral German. Conducted in German. Fall; three recitations weekly. Credit, 3 semester hours.

355, 356. German Conversation, Composition, and Civilization

Intensive practice in aural-oral German, based on contemporary German prose and civilization subject-matter; further study of grammar, vocabulary, and idiom; further training in formal and free composition; conducted in German. Fall, spring; three recitations weekly. Credit, 6 semester hours.

LATIN

131, 132. Elementary Latin

Introduction to understanding, speaking, reading, and writing Latin. Audio-lingual techniques, pronunciation, diction, simple conversation, fundamentals of grammar, easy literary readings including Caesar, simple compositions, civilization, geography, songs, realia, and audio-visualized instruction. For beginners, or those with one year of high school Latin. Fall, spring; three recitations weekly. Credit, 6 semester hours.

231, 232. Intermediate Latin

Prerequisite: 131, 132, or two units of high school Latin and a good score on the Latin proficiency test.

Further practice in simple conversation, pronunciation, diction, grammar review, civilization, introduction to Latin literature including Cicero and Vergil, formal and free composition. Fall, spring; three recitations weekly. Credit, 6 semester hours.

SPANISH

131, 132. Elementary Spanish

An introduction to the language through drill in pronunciation, vocabulary, syntax, composition, conversation, strengthened by listening to

records and tapes, 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

Prerequisite: 131, 132, or two units of high school Spanish and a good score on the Spanish proficiency test.

Development of a higher level of understanding of the language through review of the grammar, reading more serious literature, observing basic linguistic structure, engaging in more serious conversation, listening to records and tapes, corresponding with students in Spanish-speaking countries. Fall, spring; three recitations weekly. Credit, 6 semester hours.

321. Survey of Spanish Literature to 1900

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

322. Survey of Spanish Literature since 1900

Survey of Spanish literature from 1900 to the present, as an out-growth of the history and civilization. Spring, three recitations weekly. Credit, 3 semester hours.

331. Advanced Spanish Grammar, Composition, and Linguistics

Special attention to phonetics through oral reading, to linguistics through word study, and depth study in grammar, with application of all principles in written exercises. Fall; three recitations weekly. Credit, 3 semester hours.

355. Spanish Conversation

Provisions for extensive practice in oral Spanish, including drill in vocabulary, idiom, and basic linguistic structure. Fall; three recitations weekly. Credit, 3 semester hours.

356. Spanish Conversation and Composition

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

361. Hispanic Civilization and Culture

Prerequisite; Spanish 231 or its equivalent

A course designed to give students a better understanding of the history and civilization of Spain and Spanish America, and to increase their knowledge of the general aspects of Hispanic Culture. Fall or 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. Credit, 3 semester hours.

364. Spanish-American Literature

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

444. Spanish Literature of the Golden Age

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

445. Independent Study in Spanish

General course designed primarily for Spanish majors for the exploration of individual interest areas. Student research on an approved problem under the guidance of an instructor. Regularly scheduled progress conferences between the instructor and the student for evaluation purposes. Scheduled only with the approval of the Head of the Department. Offered by arrangement. Credit, 1 to 4 semester hours.

METHODS

400. Foreign Language Education. Methods of Teaching Foreign Languages

Prerequisite: Admission to the Professional Semester or by permission from the Head of the Education Department.

Study of immediate and ultimate objectives, methods and materials in audio-lingual teaching in the elementary and secondary schools, textbook evaluation, special programs, realia, audio-visual aids, modern written and aural-oral testing. Credit, 3 semester hours.

HEALTH, PHYSICAL EDUCATION AND RECREATION

Head: RAYMOND B. PENNINGTON

CHARLES E. BISHOP
ELLEN J. BRYAN
EDWIN W. CRAIN
HAROLD T. ELLEN

LACEY E. GANE
KENNETH P. JOHNSON
ANDRE J. NADEAU
MAUDE ANN WEBB

The purposes of the Department of Health, Physical Education and Recreation are: (1) To provide all students with opportunities to learn and participate in indoor and outdoor sports, and to participate in and enjoy leisure time recreation consistent with their abilities and interests; (2) To provide professional education for teachers in the field of health and physical education; (3) to provide a program of intramural athletics which will offer each interested student opportunities to participate in healthful competition.

**CURRICULUM FOR B.S. DEGREE IN HEALTH,
PHYSICAL EDUCATION AND RECREATION
(TEACHER CERTIFICATION)**

Subject-matter preparation: Health Education 104;
304; 310, 311, 312 (any one); and 314 *or* 315.
Physical Education 201, 215, 218 (any two); 205
or 208, 210; 219 *or* 220; 226; 323; 407, 408, 409
(any two); 415.
Biology 211; 21240 sem. hrs.
General Education Requirements: (page 46, Ex-
ception:
No foreign language required)46 sem. hrs.

Professional Education Requirements: Education 227, 400, 428, 431. Psychology 202, 404	21 sem. hrs.
Electives	21 sem. hrs.
	128 sem. hrs.

CURRICULUM FOR B.S. DEGREE IN HEALTH,
PHYSICAL EDUCATION AND RECREATION
(NON-CERTIFICATION)

Subject-matter preparation: Health Education 104; 304; 310, 311, 312 (any one); and 314 <i>or</i> 315. Physical Education 201, 215, 218 (any two); 205 <i>or</i> 208; 210; 219 <i>or</i> 220; 226; 323; 407, 408, 409 (any two); 415. Biology 211; 212	40 sem. hrs.
General Education Requirements: (page 46, includ- ing foreign language requirement)	58 sem. hrs.
Electives	30 sem. hrs.
	128 sem. hrs.

CURRICULUM FOR MINOR IN HEALTH,
PHYSICAL EDUCATION AND RECREATION

Principles, curriculum, and administration of Health and Physical Education	6 sem. hrs.
Coaching major sports	3 sem. hrs.
Health	3 sem. hrs.
Individual sports	2 sem. hrs.
Team sports	1 sem. hr.
Electives in Health and Physical Education	3 sem. hrs.
	18 sem. hrs.

Note: Physical education exemption requirements for men: (1) all veterans will be exempt from P.E. 101-102, (2) all male students who have reached the age of 30 prior to entering Pembroke State University will be exempt from P.E. 101-102, (3) medical disability.

Physical education exemption requirements for women: (1) all veterans will be exempt from P.E. 101-102, (2) all women students who have reached the age of 27 prior to entering Pembroke State University will be exempt from P.E. 101-102, (3) all women students who are married prior to entering Pembroke State University will be exempt from P.E. 101-102, (4) medical disability.

HEALTH

101. Personal Health and Hygiene

A course designed to meet the health knowledge requirements necessary to guide the student to a more healthful way of life. Fall or spring. Credit, 1 semester hour.

104. Basic Hygiene

Emphasis on personal hygiene and the student's obligation to serve

society through the promotion of individual, family, and public health. Fall or spring. Credit, 3 semester hours.

304. Adaptive Physical Education

An analysis of activities especially designed and indicated for the treatment of remedial physical defects. Spring. Credit, 3 semester hours.

310. Health Education Activities for Early Childhood

To enhance the student's knowledge and abilities needed to teach health education to the children of early childhood and to enable the prospective teacher to better understand and cope with the health needs and differences of this age. Fall or spring. Credit, 3 semester hours.

311. Health Education Activities for the Intermediate Grades

The principles, practices, and procedures in health education for the elementary school. Fall or spring. Credit, 3 semester hours.

312. Health Education in Secondary Schools

A course offered to meet the needs of those teaching health in the secondary schools. Basic principles to ensure efficient direction of a sound health program in healthful school living, health services, and health instruction. Spring. Credit, 3 semester hours.

314. Safety Education and First Aid

Fundamental and practical applications of administering the techniques of first aid and safety using the regular Red Cross First Aid Course. Spring. Credit, 3 semester hours.

315. Prevention and Care of Athletic Injuries

Emphasizes training in the prevention, diagnosis, and care of athletic injuries with practical applications in strapping, bandaging, massage, and the use of special protective equipment in treatment. Fall. Credit, 3 semester hours.

PHYSICAL EDUCATION AND RECREATION

101-102M. General Physical Education for Men

Designed to meet the needs and interests of freshman college men through physical fitness training and the development of fundamental skills in indoor and outdoor team and dual sports. Fall: soccer, touch football, basketball, wrestling. Spring: tumbling, volleyball, track, softball. Fall, spring. Credit, 1 semester hours.

101-102W. General Physical Education for Women

Designed to meet the needs and interests of freshman college women through physical fitness training and the development of fundamental skills in indoor and outdoor individual and team sports. Fall: field hockey, soccer, basketball, modern dance. Spring: volleyball, tumbling, track, softball. Fall, spring. Credit, 1 semester hour.

201. Individual Sports I

A course designed to build skills and develop basic competencies and appreciations in fencing and handball, so that the individual will participate in these activities both during his college years and in his post-college life. Fall or spring. Credit, 1 semester hour.

205M. Team Sports I

Study and practice in fundamental skills, techniques, and rules of football, soccer, and basketball. Fall. Credit, 1 semester hour.

205W. Team Sports I

Study and practice in fundamental techniques, skills, and rules of field hockey, soccer, and basketball. Fall. Credit, 1 semester hour.

208M. Team Sports II

Study and practice in fundamental skills, techniques, and rules of track, wrestling, and baseball. Spring. Credit, 1 semester hour.

208W. Team Sports II

Study and practice in fundamental skills, techniques, and rules of track, volleyball, and softball. Spring. Credit, 1 semester hour.

210. Rhythms

Study and instruction in a variety of rhythmical activities as included in folk, social, and square dancing. Fall or spring. Credit, 1 semester hour.

215. Individual Sports II

A course designed to build skills and develop basic competencies and appreciations in tennis and badminton, so that the individual will participate in these activities both during his college years and in his post-college life. Fall or spring. Credit, 1 semester hour.

218. Individual Sports III

A course designed to build skills and develop basic competencies and appreciations in golf and archery, so that the individual will participate in these activities both during his college years and in his post-college life. Fall or spring. Credit, 1 semester hour.

219. Gymnastics I

Opportunity for the development of skill in self-testing activities such as stunts and tumbling and the improvement of body mechanics, balance and coordination with emphasis on marching and apparatus activities and skills. Performance ability and skill in the use of safety and accident prevention procedures emphasized. Fall. Credit, 1 semester hour.

220. Gymnastics II

Continuation of P.E. 219 with emphasis on advanced techniques in tumbling and apparatus. Spring. Credit, 1 semester hour.

226. Principles and Philosophy of Physical Education

A study of the relationship and contribution of physical education to general education—historical and philosophical backgrounds, basic biological, physiological, and sociological foundations of the modern program. Fall or spring. Credit, 3 semester hours.

313. Modern Dance

A beginning course in modern dance which includes rhythmic fundamentals, fundamental forms of locomotion, simple patterns of movement, simple composition, and creative activity. Fall. Credit, 1 semester hour.

316. Physical Education Activities for the Intermediate Grades

A study of the materials and methods of physical education in the elementary school with special reference to lesson and program planning and the study of rhythmic activities and low-organization and lead-up games suitable for this level. Spring or fall. Credit, 3 semester hours.

319. Physical Education Activities for Early Childhood

A course that deals with physical development of children in grades K-3 as it relates to rhythmic activities, group play, and other physical

activities appropriate to early childhood development. Fall or spring. Credit, 3 semester hours.

321. Curriculum in Physical Education

A study of the fundamental principles upon which the health and physical education curriculum is constructed with actual work in setting up a theoretically sound workable program. Fall. Credit, 3 semester hours.

323. Kinesiology

Prerequisite: Biology 211-212 (Exception: Special permission from Professor with approval of Department Head).

The applied anatomy of motion, particularly as it pertains to the work of the athlete, the physical educator, and the therapist. Emphasis given to the study of anatomic fundamentals of human motion, the mechanics of human motion, the underlying principles of basic motor skills and the applications of kinesiology. Fall. Credit, 3 semester hours.

324. Tests and Measurement in Physical Education

An analysis of the methods of evaluation in physical education; statistical analysis and interpretation of data. Spring. Credit, 3 semester hours.

328. Playground and Community Recreation

A brief study and elementary presentation of the foundations of organized recreation; backgrounds and theories; objectives and principles; social and economic factors; conduct of playground and recreation programs. Fall. Credit, 3 semester hours.

330. The Theory and Techniques of Officiating Sports I

An intensive study of the rules and mechanics of officiating baseball, football and basketball. Special emphasis will be placed on the rules published by the National Alliance. Fall. Credit, 1 semester hour.

331. The Theory and Techniques of Officiating Sports II

An intensive study of the rules and mechanics of officiating baseball, softball, track and field. Special emphasis will be placed on the rules published by the National Alliance. Spring. Credit, 1 semester hour.

407M. Coaching Football and Basketball

A study of offensive and defensive play; rules, strategies, and problems of conditioning teams. Fall. Credit, 3 semester hours.

407W. Coaching Field Hockey, Soccer, Basketball

A study of offensive and defensive play; rules, strategies, and conditioning. Fall. Credit, 3 semester hours.

408M. Coaching Baseball and Track

A study of fundamentals, individual techniques and team play, conditioning, maintaining grounds, and staging games and meets. Spring. Credit, 3 semester hours.

408W. Coaching Volleyball, Softball, Track

A study of fundamentals, individual techniques and team play, and of rules and strategies. Spring. Credit, 3 semester hours.

409M. Coaching Soccer and Wrestling

A study of fundamentals, individual techniques and team play, conditioning, maintaining grounds, and staging games and matches. Fall. Credit, 3 semester hours.

412. Physiology of Exercise

A study of the manner in which the physical potentialities of the human body meet the exacting requirements of exercise with special emphasis upon physical education activities. Spring. Credit, 3 semester hours.

415. Organization and Administration of School Health and Physical Education

A study of the organization and administration of school health and physical education with particular reference to relationships with the general educational program and the work of the health, physical education, and recreation specialist. Fall or spring. Credit, 3 semester hours.

418. Health and Physical Education Activities for the Mentally Retarded

Designed especially for teachers of the mentally retarded child. Practical application of health and physical education activities appropriate for varying age and grade levels. Fall or spring. Credit, 3 semester hours.

420. Driver Education

Prerequisite for the course is a state driver's license. Designed to assist in qualifying public school teachers to become instructors in high school programs of driver education. Credit, 4 semester hours.

455. Independent Study in Physical Education

Scheduled only with approval of Department Head. Directed reading and research, under the guidance of the instructor, of an approved problem of a specific need to the student. For senior P.E. majors only. Fall and spring; individual arrangement. Credit, 1 to 3 semester hours.

METHODS

400. Physical Education—Education. Methods of Teaching Physical Education

Purposes, methods, materials, and evaluation procedures in Physical Education; directed observation in the public schools; preparation of teaching plans and materials. Credit, 3 semester hours.

HISTORY AND POLITICAL SCIENCE

Head: SIDNEY T. MATHEWS

THEODORE BOUSHY
*WILLIAM R. BULLARD
LOREN L. BUTLER, II
AVERY J. BUTTERS
JOHN CHAY
CHANG H. CHO
ADOLPH L. DIAL

DAVID K. ELIADES
PAUL K. FREIWIRTH
**JAMES S. HEALY
*FRANCIS R. HODGES
MIN-CHAUN KU
JEROME A. McDUFFIE
***CLIFTON OXENDINE

History and political science are liberating disciplines. Through the study of governments, politics, and the rise and growth of major civilizations, the individual is able to broaden and deepen

* On academic leave

**National Teaching Fellow

*** Professor Emeritus

his comprehension of human experience and achievement. The study of history and political science enables the individual to understand the major issues that confront the world and makes possible a more reasoned and intelligent response to these problems.

Because history and political science are humanistic studies as well as social sciences, the department offers preparation to individuals intent upon almost every career and profession. While the department offers a sound foundation for students who wish to work for the teaching certificate, it also prepares students to continue with graduate or special work in the field of history or political science. Courses offered by the department also provide a background for students who wish to study law, enter government service, or obtain a sound liberal arts background for a career in business.

A history or political science major is to plan his program only after careful consultation with his assigned adviser. The minor should be planned with career objectives in mind, and courses in the minor should supplement the student's knowledge in his major. A student planning graduate study in the field of history or political science should acquire a reading knowledge of French, German, or Spanish.

Requirements for a major in history	36 semester hours
History 107-108	6
History 207-208	6
Political Science	6 (unless one minors in political science)
Electives in advanced history	18 or 24

The 6 hours in political science required for a major in history cannot be applied toward a minor in political science or social sciences. No course may be counted twice in meeting requirements for any major or minor offered by the Department. A history major desiring to minor in political science is required to earn a total of 18 semester hours credit in political science and 36 semester hours credit in history. A history major minoring in social science must earn a total of 30 semester hours credit in history, 6 semester hours in political science, and 18 semester hours credit in social sciences.

Requirements for a minor in history	18 semester hours
History 207-208	6
Electives in advanced history	12

Requirements for a major in political science . .	30 semester hours
Political Science 201	3
Electives in political science	27

Requirements for a minor in political science .	18 semester hours
Political Science 201	3
Electives in political science	15

A political science major minoring in social science must earn a total of 30 semester hours credit in political science and 18

semester hours credit in other social sciences. The 18 hours in social science must be divided as equally as possible in at least three of the subject areas.

A non-history or political science major minoring in social science must earn a total of 18 semester hours credit in the following areas: Economics, Geography, Political Science, or Sociology. The 18 hours must be divided as equally as possible in at least three of the subject areas.

Certification Requirements for Social Science:

Minimum required hours must total 42, divided equally between history and other social sciences. The 21 hours in social Science must cover a minimum of three of the subject areas. The student should divide this 21 hours as equally as possibly.

Note: Attention is invited to the revised system of numbering of History and Political Science courses beginning with the 1970-71 Catalog.

HISTORY

107. Western Civilization

A survey of Western civilization from its pre-Greek origins to early modern times. Fall, spring. Credit, 3 semester hours.

108. Western Civilization (cont'd)

A continuing survey of Western civilization from early modern times to the present, stressing the worldwide influence of Western culture. Fall, spring. Credit, 3 semester hours.

207. American History

A survey of the development of the American Nation, from the discovery of America to the outbreak of the Civil War to the present. Required for all freshmen. Fall, spring. Credit, 3 semester hours.

208. American History (cont'd)

A continuing survey of the development of the American Nation from the outbreak of the Civil War to the present. Required for all freshmen. Fall, spring. Credit, 3 semester hours.

305. United States Colonial History

A study of the rise of the American Nation from the insurgency Celts and Norsemen to the rise of insurgency against parliamentary reforms in the mid-eighteenth century. Fall. Credit, 3 semester hours.

306. United States Revolutionary and Early National History

A study of the rise of the American Nation from the insurgency against parliament in the mid-eighteenth century to the end of the Federalist period. Spring. Credit, 3 semester hours.

308. United States History, The Jeffersonian-Jackson Era

Prerequisite: History 207-208

Studies in the expansion and development of American institutions and society in the era of the rise of the common man; from Republican origins under Jefferson through the Jacksonian epoch to the Whig insurgency under Harrison and Tyler. Fall. Credit, 3 semester hours.

311. United States History, 1844-1877

Prerequisite: History 207-208 or permission of the Instructor

A study of sectionalism, the Civil War, and Reconstruction through readings, discussions, and lectures. Fall. Credit, 3 semester hours.

312. United States History, 1877-1914

A study of American History from the election of 1876 through the Populist Movement and the Progressive Era. Spring. Credit, 3 semester hours.

313. American History Since 1900

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

317. History of North Carolina

A study of selected phases of the development of North Carolina from colonial beginnings to the present. Fall or spring. Credit, 3 semester hours.

318. History of the American Indian

A survey of the major Indian cultures in North America with emphasis on those located in the eastern half of the United States. Spring. Credit, 3 semester hours.

321. Ancient History

A survey of Ancient History from the beginnings of civilization to A. D. 500. Fall. Credit, 3 semester hours.

324. Byzantine and Islamic History

A survey of the history of the Mediterranean World from A. D. 284 to A. D. 1453. Spring. Credit, 3 semester hours.

325. The Middle Ages

A survey of the Middle Ages from the fall of the Roman Empire to the beginnings of the Renaissance. Fall, spring. Credit, 3 semester hours.

328. Renaissance and Reformation

A survey of European History from the end of the Middle Ages through the Early Modern Period. Spring. Credit, 3 semester hours.

330. Eighteenth Century Europe, 1715-1815

A survey of the intellectual, social, cultural, and political history of Europe from the Death of Louis XIV to the Congress of Vienna. Fall. Credit, 3 semester hours.

331. Nineteenth Century Europe, 1815-1914

A study of the political, social, and economic development of Europe from the Congress of Vienna to the outbreak of the First World War. Spring. Credit, 3 semester hours.

332. Twentieth Century Europe

A study of conflict and cooperation in an area of global war, with

emphasis on the interaction of democracy, communism, fascism, and imperialism. Spring. Credit, 3 semester hours.

344. History of the Modern Far East

Prerequisite: History 107-108, Western Civilization

An introduction to the Far Eastern civilization and modern history of the Far East with an emphasis on the East-West contact in the 19th century and the development in the region in the 20th century. Fall or spring. Credit, 3 semester hours.

345. The U. S. and the Far East

A study of the major factors and the processes concerning American involvement in the Far East from the beginning of the Republic to the present; to include the nature of the international system in the Far East and changing American interests and policies in the Region. Fall or spring. Credit, 3 semester hours. (This course may earn political science credit.)

360. Afro-American History

Prerequisite: History 207-208 or permission of Instructor

A treatment of the Afro-American in American History from his African origins to the present. Spring. Credit, 3 semester hours.

381. Colonial Latin American History

A survey of the Spanish and Portuguese Empires through the Wars for Independence. Fall, Credit, 3 semester hours.

382. South America Since Independence

A study of South America from independence to the present. Spring. Credit, 3 semester hours.

383. Mexico and the Caribbean Since Independence

A survey of the republics of Mexico, Central America, and the Caribbean Islands. Fall. Credit, 3 semester hours.

404. History of the Old South

A political, economic and cultural study of this section; the growth of sectionalism; the South and the War of 1812; and the conflict leading up the outbreak of the Civil War. Fall. Credit, 3 semester hours.

405. History of the New South

A study of the postwar South and its effort to re-emerge as a prosperous and equal partner in the American Union. Spring. Credit, 3 semester hours.

406. U. S. Military History

A survey of American military policies and operations from 1776 to the present with emphasis on World War II, the Cold War, Korea, and Viet Nam. Fall or spring. Credit, 3 semester hours.

408. Economic History of the United States

A historical study of the American economy from Colonial times to the present, with emphasis on the twentieth century. Fall or spring. Credit, 3 semester hours. See also Economics 341.

410. U. S. Social and Intellectual History

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

411. Problems in Contemporary Civilizations

A study of current problems of historical, social, and philosophical significance based on research in current literature, with the aim of debating and discussing said problems during class meetings. Fall, spring. Credit, 3 semester hours.

414. U. S. Diplomatic History to 1889

A survey of the factors, forces, and functions that shape foreign policy. Among the topics emphasized will be: the role of public opinion in American foreign relations, Jefferson and Hamilton, the Jay and Pinckney Treaties, Washington's Farewell address, reasons for the War of 1812, the Monroe Doctrine, the Oregon Treaty, reasons for the Mexican War, the Civil War diplomacy of the North and South, the post Civil War Expansionism. Fall. Credit 3 semester hours. (This course may earn political science credit.)

415. U. S. Diplomatic History, 1889 to the Present

A survey of the movement from isolationism to world leadership, the reasons for the Spanish-American War, the Open-Door Policy, the Caribbean policy, reasons for American involvement in World War I, the defeat of the Versailles Treaty, the twenties, the Washington Arms Conference, the thirties, reasons for our involvement in World War II, the Yalta Conference origins of the Cold War, the Korean War, and currents in American foreign policy since 1952. Spring. Credit, 3 semester hours. (This course may earn political science credit.)

416. History of England

A survey of the political, economic, and social development of England through the reign of Elizabeth I (1558-1603). Fall; three recitations weekly. Credit, 3 semester hours.

417. History of England and the British Empire, 1603 to present

A survey of the expansion of England, the industrial revolution, the Empire, and the Commonwealth. Spring; three recitations weekly. Credit, 3 semester hours.

418. Russian History to 1881

A survey of Russian History from its earliest times through the reform movement of Alexander II. Included are Kievan Russia, the Mongol Conquest and its impact, the rise of Muscovy, the Petrine Revolution, the emergence of the Russian Empire, and problems and progress in the nineteenth century. Fall semester of alternative years; 3 recitations weekly. Credit, 3 semester hours.

419. Russian History from 1881 to Present

A study of twentieth century Russia with emphasis on the Bolshevik Revolution, the Civil War, the New Economic Policy, as well as Stalinism and the post-Stalin period. Spring, alternate years. Credit, 3 semester hours.

420. History of the German Nation

A study of the development of the German Nation from the earliest times to the present. Fall; three recitations weekly. Credit, 3 semester hours.

430. Economic History & Problems in Latin America

Evolution of the economies of Latin America with particular emphasis on present structures and problems, considered in the regional country and sub-regional contexts. Spring; three recitations weekly. Credit, 3 semester hours.

450. Historiography

A study of American historical writing from its origins in the colonial period to the present with special attention to methodology, sources, bibliography, and philosophy of history. Fall; three recitations weekly. Credit, 3 semester hours.

451. United States History, Upper-Division Seminar

Prerequisites: 21-24 hours in U. S. History; permission of the professor.

Studies in specially selected topics in United States History involving standard reference, research, and writing techniques. Fall or spring. Credit, 3 semester hours.

460. Historiography

A study of European historical writings from ancient times to the present as available in primary form, with special attention to methodology, bibliography, and philosophy. Spring. Credit, 3 semester hours.

495. Independent Study in History

Directed reading and research under the guidance of the instructor in a specific area or problem in history. Scheduled only for Senior History Majors with the approval of the Head of the Department. Fall or spring. Credit, 1-3 semester hours.

METHODS

400. Social Studies Education. Methods of Teaching Social Studies

Prerequisite: Admission to the Professional semester or permission of the Head of the Education Department.

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

POLITICAL SCIENCE

201. American National Government

An introductory study of: (1) the basic concepts of political science, (2) a brief history and the basic principles of the constitution, (3) the structure, functions of, and the relations between the legislative, executive and judicial branches of the national government, and (4)

the relations between the national and state governments. Fall and spring. Credit, 3 semester hours.

204. American State and Local Government

Prerequisite: Political Science 201, or an acceptable substitute. An analytical and comparative study of: (1) the constitutions of states, (2) the structure, powers, functions of, and relations between, the legislative, executive and judicial branches of the state and local governments, (3) the relations between the national and state governments, between the states, and between the state and local governments, and (4) the structure, powers and functions of the state government of North Carolina. Fall or spring. Credit, 3 semester hours.

301. Legislative Process in the United States

Prerequisite: Political Science 201.

A study of: (1) the distribution of the legislative power in the three branches of the government, (2) the structure and functions of the legislature, (3) the actual process of legislation both in the national and state governments, its defects and remedies, and (4) the attainment of responsible and responsive government. Important legislative problems will be selected and will serve as a basis for analyzing the legislative process. Fall or spring. Credit, 3 semester hours.

305. Political Parties and Interest Groups in the United States

Prerequisite: Political Science 201.

The history, development, organization, functions and purposes of the major parties and interest groups, and the role played by them in the policy-making and election of the government. Fall or spring. Credit, 3 semester hours.

315. Principles of Public Administration

A study of general principles and problems of administrative organization in governments; federal, state, and local. The role, relationships, processes, and control of governmental institutions, in the political context with special emphasis on the American experience, will be surveyed. Fall or spring. Credit, 3 semester hours.

316. Comparative Public Administration

Examination and analysis of the administrative systems of foreign governments of selected Western and non-Western countries; attention to practices applicable to administration in the United States. Fall or spring. Credit, 3 semester hours.

321. 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. Credit, 3 semester hours.

325. Governments and Politics of the Far East

An examination of the indigenous ideas, institutions, and behavior of the political systems in the Far East with emphasis upon contemporary China, Japan, and Korea. Fall or spring. Credit, 3 semester hours.

330. Recent Trends in Latin American Politics and Government

An examination of the types of government, recent developments, and

current political conditions in selected Latin American republics. Fall. Credit 3 semester hours.

340. Comparative Government

Prerequisite: Political Science 201.

An analytical and comparative study of: (1) the structure, functions of, and the relations between the legislative, executive and judicial branches of the national governments of the major powers: France, Germany, Great Britain, and the Soviet Union, (2) the role played by the political parties in the government, (3) the relations between the national and the state governments and (4) the special features of the different forms of government, e.g. the differences between the unitary, federal and confederate governments, the presidential and parliamentary governments, and the authoritarian and democratic governments. Fall or spring. Credit, 3 semester hours.

350. International Organizations

A study of: (1) the theoretical and actual development of an international organization, (2) the structures and functions of the principal organs of the United Nations and their relations to each other, (3) the comparison between the Covenant of the League of Nations and the Charter of the United Nations, and (5) the general concepts of the regional arrangements such as: NATO, the OAS, the SEATO, etc. Fall or spring. Credit, 3 semester hours.

351. International Politics and Relations

Prerequisite: Political Science 407

An analysis of politics and relations among nations: (1) sovereignty, (2) domestic jurisdiction, (3) status quo, (4) Colonialism, (5) balance of powers, (6) alliance and neutrality, (7) peaceful adjustment of disputes, (8) disarmament, (9) standards of international conducts, (10) economic development and political advancement of the developing peoples. Fall or spring. Credit, 3 semester hours.

352. International Law

Prerequisite: Political Science 201.

A study of: (1) the general concepts of international law, (2) the law of peace, and (3) the law of war. Fall or spring. Credit, 3 semester hours.

353. International Politics in the Western Hemisphere

Political relations of the American Republics in the 19th and 20th centuries, the development of Pan Americanism and Organization of American States. Spring. Credit, 3 semester hours.

354. International Relations in the Far East

An analysis of the foreign policies of China, Japan, and other Asian states involved presently or potentially in global conflicts with special attention to the United State's role in the area. Fall or spring. Credit, 3 semester hours.

403. Political Thought

Prerequisite: Political Science 201

A study of the historical and conceptual background of political thought from Plato to the contemporary political thinkers. The emphasis will be placed on the theoretical and practical differences between the democratic and the authoritarian (fascism and communism) governments and their respective merits and defects. Fall or spring. Credit, 3 semester hours.

404. Public Opinion and Pressure Groups

A study of propaganda and pressure groups. Spring. Credit, 3 semester hours.

412. Problems in American Government

A study of contemporary problems in governmental policies relating to labor, agriculture, business, and other areas of our life. Spring. Credit, 3 semester hours.

416. Problems in American Foreign Policy

A study of the major issues and problems in American foreign policy including the American foreign policy-making machinery and its operation, the traditions and the constant factors for policy making, American defense and security, economic and cultural diplomacy, the interests and the policies of the United States in each region of the world. Fall or spring. Credit, 3 semester hours. (This course may earn history credit.)

421. Seminar in American Government

Prerequisite: Political Science 201.

A study of selected problems, either in theory or in practice, in American Government with readings, discussions and papers on these problems. Fall or spring. Credit, 3 semester hours.

495. Independent Study in Political Science

Directed reading and research under the guidance of the instructor in specific area or problem in political science. Scheduled only for Senior Political Science Majors with the approval of Head of Department. Fall or spring. Credit, 1-3 semester hours.

HOME ECONOMICS

Head: ANNIE MERLE W. ELAM

AGNES O. GREENE

REGINA S. PARKER

Two programs for majors are available in the department of home economics: (1) Home Economics Education, and (2) General Home Economics. Home economics education majors may enter the field of teaching in addition to the other areas open to home economists. General home economics majors may enter business and professional careers as well as the career of home-making.

All courses are open to non-home economics majors if prerequisite requirements are met.

I. Requirements for a Major in Home Economics Education— minimum of 128 semester hours

A. General Education (See page 46)

Select as a part of the General Education requirements:

Biology	3-4
Chemistry	4
Foreign Language not required for majors in Home Economics Education	

- B. Professional Education
 Education 227, 428.....6
 Psychology 202, 4046
 Home Economics 400/Education 400.....3
 Education 431.....6
- C. Related Areas
 Art 1013
 Physics 2142
- D. Major Subject Area
 Minimum of 39 semester hours in home economics courses to be chosen from the areas of Child Development and Family Relations, Clothing and Textiles, Foods and Nutrition, Housing and Management, with a distribution of hours which would not minimize any of these areas.
- E. Electives as needed

II. Requirements for a Major in General Home Economics—minimum of 128 semester hours.

- A. General Education (See page 46)
- B. Minor Subject Area
 Satisfy the requirements in the minor area as listed by the chosen department.
- C. Major Subject Area
 Minimum of 39 semester hours in home economics courses to be chosen from the areas of Child Development and Family Relations, Clothing and Textiles, Foods and Nutrition, Housing and Management, with a distribution of hours which would not minimize any of these areas.
- D. Electives as needed

III. Requirements for a Minor in Home Economics

- A. Home Economics 111, 112, 321
- B. Electives in Home Economics courses, 9 semester hours

CHILD DEVELOPMENT AND FAMILY RELATIONS

302. Home Nursing and Family Health

A study of 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 Development

A study of the physical, mental, and social development of the child. Discussions of student reports on observations made and supervision of a child. Fall; three recitations weekly. Credit, 3 semester hours.

310. Family Relations

Designed to assist students in preparation for marriage and family living. Fall or spring; three recitations weekly. Credit, 3 semester hours.

CLOTHING AND TEXTILES

101. Textiles

A study of fibers, the various methods of fabric and clothing production, and the application of the latest technological developments in these areas. Designed to develop intelligent purchases and proper care of textile merchandise. Fall; two recitations, one double laboratory period weekly. Credit, 3 semester hours.

112. Clothing Selection and Construction I

Study of family clothing needs, budgeting, and storage; construction of simple garments. Fall; one recitation, two double laboratory periods weekly. Credit, 3 semester hours.

221. Clothing Selection and Construction II

Prerequisite: Home Economics 112

Principles in selection of ready-made clothing, including study of design and fitting, economic factors, fabric, and quality workmanship. Application of principles. Spring; one recitation, two double laboratory periods weekly. Credit, 3 semester hours.

304. Applied Dress Design and Construction

Prerequisite: Home Economics 221

Principles of flat pattern designing. Modifications of patterns in relation to fit. Spring; one recitation, two double laboratory periods weekly. Credit, 3 semester hours.

421. Tailoring Techniques

Prerequisite: Home Economics 221

An advanced course in clothing construction. Designed to include all the fine details of tailoring, fitting, and pattern alteration. Construction of tailored garments. Fall; three double laboratory periods weekly. Credit, 3 semester hours.

423. Historic Costume

A study of costume from ancient to modern times, with emphasis on social, economic, and historical aspects of dress. Spring; three recitations weekly. Credit, 3 semester hours.

FOODS AND NUTRITION

111. Food Selection and Preparation

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

204. Meals for Men

Emphasis is placed on elementary principles of nutrition and various aspects of meal planning, marketing, preparation and serving. Outdoor cookery and a limited study of special diets are included. Open to men only. Fall or spring; one recitation, two double laboratory periods weekly. Credit, 3 semester hours.

222. Meal Management

Prerequisite: Home Economics 111

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

301. Nutrition

A study of the fundamental principles of human nutrition and their application in the selection of diets at different cost levels and the adaptation of diet to common disorders. Fall or spring; three recitations weekly. Credit, 3 semester hours.

404. Food Preservation

Principles and techniques in preservation of food. Application of the fundamental sciences and recent development in canning, drying, home freezing, and candy making. Spring; one recitation, two double laboratory periods weekly. Credit, 3 semester hours.

405. Institution Management

Administration and management of institutional food services. Job analysis, employee training, personnel relations, equipment requirements, and sanitation. Fall; three recitations weekly. Credit, 3 semester hours.

406. Diet Therapy

Prerequisites: Home Economics 301; Chemistry 111, 112
Role of nutrition and diet in the prevention and treatment of diseases. Spring; three recitations weekly. Credit, 3 semester hours.

HOME ECONOMICS EDUCATION

400. Home Economics Education. Methods of Teaching Home Economics.

A study of the organization and methods of presentation of subject matter adapted to high school home economics classes, texts, audio-visual materials, evaluation devices, and department equipment. Credit, 3 semester hours.

HOUSING AND MANAGEMENT

321. Consumer Education

Understanding processes in marketing organization, labeling and grading of commodities; consumer problems affecting cost in relation to clothing, food, and home furnishing. Spring; three recitations weekly. Credit, 3 semester hours.

351. House Planning

A course in housing, related to the home and its environment, its sociological, economic, and legal considerations, and the federal, state, and local groups governing it. Fall; two recitations, one double laboratory period weekly. Credit, 3 semester hours.

401. Home Management

A study of management principles as they relate to the use of resources in the home. Fall or spring; three recitations weekly. Credit, 3 semester hours.

402. Household Equipment

Fundamental principles and management involved in selection, arrangement, use and care of household equipment. Spring; two recitations weekly. Credit, 2 semester hours.

403. House Residence

Prerequisite or parallel: Home Economics 401
Six weeks of supervised residence in the Home Management House.

Application of principles of home management to required activities. Fall or spring; group conferences. Credit, 2 semester hours.

422. Home Furnishings

A study of the house and its arrangements for satisfactory family living. Emphasis given to selection and arrangement of furniture and furnishings. Practical problems undertaken. Fall or spring; two recitations, one double laboratory period weekly. Credit, 3 semester hours.

431. Interior Decorating

Prerequisite: Home Economics 422

Application of art principles and elements in relation to home furnishing and decoration. Development of creative ability in interior design. Fall or spring; two recitations, one double laboratory period weekly. Credit, 3 semester hours.

MATHEMATICS

Head: HENRY TRAMER

MORRIS L. HAMILTON
JAMES A. JACOBS
KEYHANG KEEM

GILBERT L. SAMPSON
YI-HSUING YU

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.

Requirements for a Major:

Mathematics 221, 222, 315, 316, 325, 431

Advanced Elective hours in Mathematics: 9 hours

In addition, for certification, a student must replace 3 hours of advanced mathematics electives with Mathematics 411.

Students majoring in mathematics and who elect to take a Physics course for the Natural Science General Education requirement must take Physics 211, 212.

Requirements for a Minor:

Mathematics 221, 222, 315

Advanced elective hours in Mathematics: 6 hours

105. Introduction to College Mathematics

Fundamental principles of mathematics including a study of elementary set theory and mathematical logic. Fall. Credit, 3 semester hours

106. Introduction to College Mathematics

Prerequisite: Mathematics 105

An intuitive development of the real number system with emphasis on arithmetic properties; basic concepts of algebra and informal geometry. Spring. Credit, 3 semester hours.

107. College Algebra

A study of numbers, sets and functions, the real number system, quadratic equations, inequalities, systems of linear equations, matrices

and determinants, the binomial theorem, exponents and logarithms, theory of equations, permutations and combinations. Fall. Credit, 3 semester hours.

108. Plane Trigonometry

Prerequisites: Plane Geometry; Mathematics 107

A course including indirect measurement, solutions of right triangles, functions of any angle, solution of oblique triangles, fundamental trigonometric relations, circular functions, solving triangles by use of logarithms, and complex numbers. Spring. Credit, 3 semester hours.

109. College Algebra and Trigonometry

Real and complex numbers, inequalities, functions and their graphs, polynomials and rational functions; exponential, logarithmic and trigonometric functions. Fall. Credit, 4 semester hours.

110. Introduction to Statistics

Elementary probability and statistics; measure of central tendency and variability, the binomial and 't' distributions. Testing hypothesis, chi-square and linear regression. Spring. Credit, 3 semester hours.

221. Calculus I

Prerequisite: Mathematics 108 or equivalent

The treatment of topics from algebra and analytic geometry, functions, limits, derivations, applications of the derivative. Fall. Credit, 4 semester hours.

222. Calculus II

Prerequisite: Mathematics 221

A study of integrals, the fundamental theorem of the calculus, the definite integral, exponential and logarithmic functions, trigonometric and inverse trigonometric functions, formal integration, applications of the calculus. Spring. Credit, 4 semester hours.

315. Calculus III (Linear Algebra)

An introduction to the theory of vector spaces, linear transformations, systems of linear equations, matrices, determinants. Applications to differential equations. Credit, 3 semester hours.

316. Calculus IV

Multiple variable calculus. Vector functions, limits and continuity, line integrals, partial derivatives, gradient, the differential, chain rule, vector field theory, Green's theorem, conservative fields. Fall. Credit, 4 semester hours.

320. Theory of Sets

Prerequisite: Mathematics 105 or Mathematics 107

A study of the language and concepts of set theory, relations, functions, development of the integers, rational and real numbers. Spring. Credit, 3 semester hours.

322. Differential Equations

Prerequisite: Mathematics 315

Solution of elementary differential equations with geometric and physical applications. Spring. Credit, 3 semester hours.

325. Algebra I

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

326. Algebra II

Further topics in group theory—the Sylow theorems. Extension fields, Galois theory, the insolvability of the quintic. Spring. Credit, 3 semester hours.

327. Numerical Analysis

An introduction to the solution of mathematical problems by computational techniques, including both finite and iterative methods and some error analysis. Spring. Credit, 3 semester hours.

328. Probability

Probability space, random variables, discrete and continuous distribution functions, characteristic functions. Binomial. Poisson and normal distributions, central limit theorems. Fall. Credit, 3 semester hours.

329. Applied Mathematics

Selected topics from ordinary and partial differential equations. Fourier series, boundary value problems, laplace transforms, complex variables. Spring. Credit, 3 semester hours.

402. Workshop in Mathematics for Secondary Teachers

This course is for teachers seeking an interpretation of contemporary recommendation for the mathematics curricula and an understanding of modern concepts of mathematics as an aid in improving their classroom teaching. Emphasis is placed on the relationship between some of the basic concepts contained in contemporary recommendations for secondary school mathematics and their counterparts in the traditional curricula. The use of visual aids in the teaching of mathematics will be studied. Summer Session. Credit, 3 semester hours.

411. College Geometry

A study of the development of Euclidian geometry from the metric and synthetic approach and an introduction to non-Euclidian geometry. Fall. 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. Credit, 3 semester hours.

415. Theory of Numbers

Prerequisite: Mathematics 222

An introduction to the properties of integers, prime and composite numbers, Fermat's Theorem, arithmetic functions, quadratic residues, diophantine equations, continued fractions and congruences. Fall. Credit, 3 semester hours.

423. Linear Algebra

Advanced topics in Linear Algebra. As announced. Credit, 3 semester hours.

431. Advanced Calculus I

Elementary set theory and point-set topology, continuity and limits of multivariable functions, multiple and iterated integrals, series. Fall. Credit, 3 semester hours.

432. Advanced Calculus II

Differentials, implicit function theorem, surfaces, differential forms, the theorems of Green, Gauss and Stokes. Spring. Three recitations weekly. Credit, 3 semester hours.

442. Real Analysis

Real number system. Semi-continuity. Borel sets, Baire classification of functions. Lebesgue measure and integration, L_p spaces, Hilbert spaces. As announced. Credit, 3 semester hours.

444. Complex Analysis

The complex numbers, analytic functions, conformal mappings, counter

integration, Cauchy's theorem and integral formula. Taylor and Laurent expansions, residues, analytic continuation, Louivilles theorem. As announced. Credit, 3 semester hours.

446. Topology

Elements of point-set topology, separation properties, compactness, connectodness, Tychonoff theorem, fundamental group and covering spaces. As announced. Credit, 3 semester hours.

451. Independent Study

Offered for mathematics majors on approval of the Department Head. Credit, 1 to 3 semester hours.

METHODS

400. Mathematics Education. Methods of Teaching Mathematics

A study of the problems involved in the selection, organization and presentation of the materials in high school mathematics. Credit, 3 semester hours.

MUSIC

Head: HAROLD C. SLAGLE

DORIS B. JOHNSON
HORACE PAUL
FRANCIS L. PFEIFER
ELMA L. RANSOM

JOHN A. ROBERTS
*EDMUND SHAY
ROGER H. TAYLOR
**GEORGE R. WALTER

The purposes of the Department of Music are three-fold: to provide comprehensive training for teachers of vocal and instrumental music in the public schools; to provide experiences which the music student and the general university student will find rewarding in developing their cultural sensitivity; and to provide public programs and concerts to enrich the cultural life of the University and the community.

The Music Department of Pembroke State University offers the following programs leading to the Bachelor of Science degree in Music Education with certification, and the Bachelor of Arts degree in Music. The Music Education program offers an emphasis in General Music (Vocal), or an emphasis in Instrumental Music.

Requirements for a Bachelor of Arts in Music:

General Education requirements	56 hours
Major, Applied Music	30 hours
Minor, Music Theory, History, Literature, and Conducting	27 hours
Electives	15 hours

Requirements for a Bachelor of Science in Music Education (Vocal):

General Education requirements	41 hours
Music requirements:	53 hours
Music Theory and Harmony	

*National Teaching Fellow

**On Academic leave

- Music Theory 114, 115, 214, 215, Theory I through IV, 12 hours
 Music 334, Orchestration and Arranging, 2 hours
 Music History and Appreciation
 Music 337, 338, Music History I and II, 6 hours
 Music 430, Music Literature, 3 hours
 Music Education
 Music 405, Music Education in Grades 1 through 6, 3 hours
 Music 327, 328, Choral and Instrumental Conducting, 4 hours
 Applied Music
 Applied major: Voice, Piano or Organ, 7 hours
 Applied minor: Voice, Piano or Organ, 4 hours
 Class Instruments: Brass, Woodwind, Percussion, Strings, 5 hours
 Performance Groups, 7 hours
 Electives, 13 hours
 Education requirements 21 hours
 Includes Education 354, Teaching Music in the secondary school, 3 hours.

Requirements for a Bachelor of Science in Music Education (Instrumental):

- General Education requirements 41 hours
 Music requirements: 56 hours
 Music Theory and Harmony
 Music Theory 114, 115, 214, 215, Theory I through IV, 12 hours
 Music 334, Orchestration and Arranging, 2 hours
 Music History and Appreciation
 Music 337, 338, Music History I and II, 6 hours
 Music 430, Music Literature, 3 hours
 Music Education
 Music 327, 328, Choral and Instrumental Conducting, 4 hours
 Music 420, Public School Instrumental Music, 3 hours
 Applied Music
 Applied Major Instrument, 7 hours
 Applied Minor: Piano, 4 hours
 Class Instruments: Brass, Woodwind, Percussion, Strings, plus one semester instrument study, 6 hours
 Class Voice, 2 hours
 Performance Groups, 7 hours
 Electives, 10 hours
 Education Requirements 21 hours
 Includes Education 354, Teaching Music in the Secondary School, 3 hours.

Requirement for a Minor in Music: 18 hours, including:

- Music Theory and Harmony
 Music 114 and 115, Theory I and II, 6 hours
 Music Education
 Music 327/328, Choral or Instrumental Conducting, 2 hours
 Education 354, Teaching Music in the Secondary School, 3 hours

Applied Music

- Applied minor: Voice, Piano or Instrumental, 2 hours
- Concert Organization: Choir or Band, 3 hours
- Class Piano or Class Voice, 2 hours

Requirement for a Minor in Sacred Music: 18 hours, including:**Applied Music**

- Music 159 through 260, organ, 4 hours
- Music 191, 192, Class Voice, 2 hours
- Music 159, 160, Private Voice, 2 hours
- Music 100 through 201, Concert Choir, 4 hours
- Music 490, Service Playing, 1 hour

Music Education

- Music 327, Choral Conducting, 2 hours
- Music 390, Church Choir, 3 hours

THEORY AND GENERAL MUSIC**114, 115. Theory I and II: Beginning Harmony**

A course designed to acquaint students beginning their study of music with the fundamentals of music which include scales, key signatures in major and minor, intervals, primary and secondary chords and their inversions, seventh chords, non-chord tones, ear training and sight singing, keyboard harmony. Fall, Spring. Credit, 3 hours, each semester.

214, 215. Theory III and IV: Advanced Harmony

Prerequisite: Theory I-II

A course designed to teach music majors the harmonic techniques of composers of the seventeenth to twentieth centuries through the study of functional diatonic and chromatic harmony including keyboard dictation, sight-singing, seventh and ninth chords, altered and mixed chords, modulations, dodecaphonic melodic and harmonic writing, and ending with original compositions. Fall, Spring. Credit, 3 hours, each semester.

230. Introduction to the Appreciation of Music

The development of knowledge and understanding of good music. Emphasis given to the history of music, outside reading, forms of music found in different periods, listening, and the relationship of music to general cultural development. Fall or Spring. Credit, 3 semester hours. Not open to music majors.

327. Choral Conducting

A laboratory course in mastering the problems of choral conducting. Includes the study of beat patterns, vowels, consonants, tone production, and choral development. Supervised conducting experience based upon group singing and records. Fall. Credit, 2 semester hours.

328. Instrumental Conducting

A laboratory course in mastering the problems of band and orchestra conducting. Includes the study of instrumental scores, tone quality, dynamics, and advanced conducting techniques. Spring. Credit, 2 semester hours.

332. Form and Analysis

A study of various forms of composition including binary and ternary song forms, compound song forms, rondo, sonata, theme and vari-

ations, fugues, and large choral and instrumental works. Fall. Credit, 2 semester hours.

334. Orchestration and Arranging

Prerequisite: Theory IV

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. Fall. Credit, 2 semester hours.

337, 338. History and Appreciation of Music I and II

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 recordings for analysis and recognition. Fall, Spring. Credit, 3 hours, each semester.

390. The Church Choir

Materials and methods in the direction of church choirs. Emphasis placed upon music selection, techniques of handling youth and adult choirs, and the role of the music director in the church. Fall. Credit, 3 semester hours.

404. Senior Recital

Offered to senior music majors participating in a public recital. Fall or Spring. Credit, 0, 1, or 2 semester hours.

425. Piano Pedagogy

A course designed primarily for those students in the BA program who are planning to teach privately. The course includes methods of teaching, appropriate materials, and advanced techniques for all grade levels. Fall or Spring. Credit, 2 semester hours.

430. Music Literature

Prerequisite: Music 337, 338

A study of music literature for large and small performing groups including Symphony, Oratorio, Opera, Cantata, Concerti, Chamber Ensemble, Art Songs, Piano, and Organ of all periods from a stylistic and developmental point of view. Fall. Credit, 3 semester hours.

432. Counterpoint

Prerequisite: Theory IV

A study of sixteenth through eighteenth century contrapuntal techniques with written work in two through four-part voice and instrumental writing. Fall. Credit, 2 semester hours.

453. Independent Study in Music

Prerequisites: Music major, senior standing, and approval of Department Head.

Directed study and research in the student's major field of interest. Fall or Spring. Credit, 1 to 3 semester hours.

490. Service Playing

Prerequisite: Music 259 (Organ) or the equivalent

A study of the forms of the services of the Catholic, Jewish, and Protestant faiths. Students to be free for Sunday morning visitations to churches. Experience given in the service playing of selected faiths. Spring. Credit; 1 semester hour.

APPLIED MUSIC

Private study is offered in piano, organ, voice and instruments

of the band and orchestra. In each of these fields the work will be adapted to the needs of the individual students. Courses in applied music are required of all music majors, and may be elected with permission of the instructor by students not majoring in music.

1. Applied music lessons require a minimum of five practice hours weekly.
2. At the discretion of the applied music instructors, music majors must participate in student music recitals.

081, 082. Introduction to Piano

For students with no previous experience in music. Arrangements for lessons made through the Department of Music. University credit to be given for piano when a degree of proficiency is attained in performance.

159, 160; 259, 260; 359, 360; 459, 460. Applied Music (Courses must follow in sequence)

- | | |
|----------------------|--------------------------|
| a. Private Voice | j. Private French Horn |
| b. Private Piano | k. Private Trombone |
| c. Private Organ | l. Private Baritone Horn |
| d. Private Flute | m. Private Tuba |
| e. Private Oboe | n. Private Percussion |
| f. Private Clarinet | o. Private Violin |
| g. Private Bassoon | p. Private Viola |
| h. Private Saxophone | q. Private Violoncello |
| i. Private Trumpet | r. Private Bass Viol |

Private lessons are designed to build technical proficiency, repertoire, and awareness of vocal and instrumental problems. Fall, Spring, two half-hour lessons weekly, or one fifty-minute lesson weekly at the discretion of the instructor. Credit, 1 hour each semester.

In as much as a proficiency examination is not given to students prior to enrollment at Pembroke State University, each student must display a technical proficiency at the end of Applied Music 260. This examination will consist of performing before the music faculty on his major instrument and displaying a standard of quality equal to university sophomore standing.

Proficiency examinations are also required by the Piano Division at the end of the sophomore year of study. This examination is based upon displaying the ability to play, transpose, chord, and sight read simple songs.

Students must pass these proficiency tests before proceeding to Junior level applied music courses.

171. Class Woodwind

A concentrated study in fundamental techniques and playing experience on the Flute, Oboe, Clarinet, Saxophone, and Bassoon. Planned primarily for students seeking state certification in music, but may be elected by the general student in preparation for joining the University Band. Spring. Credit, 1 hour.

172. Class Brass

A concentrated study in fundamental playing techniques on the Trumpet, Cornet, French Horn, Trombone, Baritone Horn, and Tuba. Planned primarily for students seeking state certification in music, but may be elected by the general student in preparation for joining the University Band. Fall. One hour credit.

181, 182. Class Piano I and II

For students with a limited knowledge of piano. Group instruction on electronic piano. Introduction to the skill of playing the piano through easy piano literature. Background of chord playing leading to reading and playing of simple songs. Fall, Spring. Credit, 1 hour each semester.

191, 192. Class Voice I and II

A course designed to promote correct principles of breathing, mouth formation, and tone placement including elementary exercises for the development of the voice. Special attention given diction, phrasing, and expression. Fall, Spring. Credit, 1 hour each semester.

205, 206. Class Strings I and II

A concentrated course of instruction in the basic skills of playing the orchestral stringed instruments including the violin, viola, violoncello, and bass viol. To acquaint the students with necessary materials, techniques, and procedures for organizing and teaching string and orchestra classes in the public schools. Fall, Spring. Credit, 1 hour each semester.

271. Class Percussion

A concentrated study in fundamental playing techniques on Snare Drum, Cymbals, Bass Drum, Timpani and others. Planned primarily for students seeking state certification in music, but may be elected by the general student in preparation for joining the University Band. Fall. Credit, 1 hour.

PERFORMING ORGANIZATIONS

100, 101; 200, 201; 300, 301; 400, 401. Concert Choir

The Concert Choir is open to music students and others who are interested in singing. The Choir appears in public concerts throughout the year. Fall, Spring. Credit, 1 hour each semester.

141, 142; 241, 242; 341, 342; 441, 442. University Band

The University Band is open to all men and women regardless of planned major. Public appearances are made in both parades and concerts. Fall, Spring. Credit, 1 hour each semester.

In addition to the more serious music-oriented performing groups, the Pembroke State University Singers and Swingers offer a performing medium for those students, music majors or general, who are interested in learning and performing popular and jazz music. Membership in these groups usually comes from the larger performing groups, but students may enroll with permission from the director. Fall, Spring. No credit is given for these groups.

MUSIC EDUCATION AND METHODS

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. Includes a study of the various systems of reading notation, the study and use of song-bells, auto-harp, and recorder-type instruments, and methods of conducting the musical activities in the classroom. Fall, Spring. Credit, 3 semester hours.

314. Musical Experiences for Young Children

(Not open to music majors.)

Prerequisite: Music 309 or by advanced placement

A course designed to present music fundamentals and methods of teaching the music program in the elementary school. Musical experiences are presented through listening, singing, playing, moving, dramatizing, and writing music. Emphasis is placed on musical experiences at the early childhood level, K through three. Fall, Spring. Credit, 3 hours.

315. Music in the Classroom, Grades 4-9

Prerequisite: Music 309 or by advanced placement; not open to music majors.

A course designed to present various methods and media of teaching classroom music, grades 4-9. Spring. Credit, 3 semester hours.

354. Music Education in the Secondary School

Junior and senior high school music methods. Study of organization and procedures in general music classes and vocal performing groups in junior and senior high schools. Spring. Credit, 3 hours.

405. Music Education Grades K through six (K-6)

A study of the various music texts and materials in the public school; emphasis placed on selection and presentation of rote songs, development of the child's singing voice including sight singing techniques, and planning the music program in the Public School. Fall. Credit, 3 hours.

420. Public School Instrumental Music

Designed to present materials and methods used in building instrumental programs beginning in the elementary school and continuing through high school. Emphasis given to the development and training of marching and concert bands and orchestras. Fall. Credit; 3 semester hours.

PHILOSOPHY AND RELIGION

Head: I. RUTH MARTIN

ROBERT K. GUSTAFSON

P. ALBERT STUDDARD

Philosophy and Religion have long been considered integral parts of the liberal arts program. The courses presented here are planned to give the inquiring student an introduction to these broadening disciplines.

These courses prepare the student to take an active part in his community activities or in planning for graduate study. In order to help fulfill the aim of the individual student, courses are to be selected in conference with the chairman.

Requirements for a Minor in Philosophy and Religion: 18 semester hours in the department.

PHILOSOPHY**200. Introduction to Philosophy**

Designed to give an introduction to the nature and scope of questions arising in the ever-changing areas of life through an introduction to the problems and types of philosophy men live by. Fall, Spring. Credit, 3 semester hours.

204. Introduction to Ethics

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

302. Introduction to Logic

A study of the principles and basic patterns of correct thinking. Fall. Credit, 3 semester hours.

306. Philosophy of Religion

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

410. Ancient and Medieval Philosophy

The development of western philosophy in terms of major thinkers and movements from the pre-socratic Greeks through medieval scholasticism. Fall. Credit, 3 semester hours.

412. Modern Philosophy

The development of western philosophy in terms of major thinkers and movements from late medieval thought through the mid-nineteenth century. Spring. Credit, 3 semester hours.

414. Contemporary Philosophy

A study of selected movements in contemporary philosophy. Such as pragmatism, linguistic analysis, existentialism and phenomenology. Fall. Credit, 3 semester hours.

RELIGION

111. Cultural and Historical Geography of Bible Lands

An introductory study of the environment of man in Biblical times, with emphasis on the geographic factors as they related to economic, political, and cultural problems. Spring. Credit, 3 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. Credit, 3 semester hours.

114. Life and Letters of Paul

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

130. Introduction to Religion

An introduction to the methods and theories appropriate to the study of religion and an analysis of definitions and functions of religion in society. Fall. 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. 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. 3 semester hours.

220. Archaeology and the Old Testament

A study of the results of the exploration and excavation in the Near East for the light shed on Old Testament history, the art and civilization of Biblical peoples, including a study of relevant nonbiblical literature. Fall. Credit, 3 semester hours.

221. Archaeology and the New Testament

A survey of the findings of archaeology in the Grecian and Roman cultures along with the literature of this period which influenced the New Testament and its environs. Spring. Credit, 3 semester hours.

308. Development of Christian Thought

A study of selected men, movements, and ideas that have contributed to the development of Christianity after Paul to the 20th century. Fall. Credit, 3 semester hours.

309. Religion in American Life

A study of religious thought and groups in the United States, with emphasis on the relationship of religion to American society. Spring. Credit, 3 semester hours.

311. Prophetic Literature of the Old Testament

A study of the history and nature of prophecy, with special consideration given to the times and messages of Amos, Hosea, Isaiah, Jeremiah, and Ezekiel. Fall. Credit, 3 semester hours.

312. Comparative Religion

Prerequisite: English 205-206

A survey and analysis of the great religious writings of the world. Fall, spring. Credit, 3 semester hours.

313. Early Hebrew Writings

An examination of man's early religious literature found in the Bible and other sources. Spring. Credit, 3 semester hours.

318. Apocalyptic Literature

A study of apocalyptic literature of the Old and New Testament with emphasis on the historical, religious, and psychological backgrounds. Spring. Credit, 3 semester hours.

320. World Religions Seminar

A study of the religions of the world by visiting cathedrals and synagogues of Europe, mosques and temples of the Mediterranean area, and ancient places of worship in the Fertile Crescent by means of a college supervised tour of these areas and a seminar, including pre-department orientation, en route lectures, and a formal resume. Summer session only. Credit, 3 semester hours.

404. Psychology of Religion

A study of the many psychological aspects of religion and their meaning for personality development. Spring. Credit, 3 semester hours.

411. Poetic Literature of the Old Testament

A study of Job, the Psalms, Proverbs, Ecclesiastes, and Song of Solomon with consideration of literary form and religious teachings. Fall. Credit, 3 semester hours.

412. Christianity and Modern Problems

A consideration of the ethical teachings of Christianity as they relate to society. Spring. Credit, 3 semester hours.

413. Principles of Religious Education

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

420. Seminar in Modern Religious Issues

An examination of selected contemporary religious problems, themes or issues to be selected each term the course is presented. Spring. Credit, 3 semester hours.

PHYSICAL SCIENCE

Head: HOWARD D. TYNER

GERALD C. BORLAND
ANDREW RANSOM

HAROLD J. TEAGUE
JOHN S. WALLINGFORD

The purpose of the Department of Physical Science is to acquaint the student with the physical phenomena of the universe. 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 physical sciences.

Requirements for a Major in Chemistry include:

Chemistry 111, 112; 221, 222; 321, 322; 425, 426	32
Physics 111, 112, or 211, 212	8
Mathematics 107, 108; 221, 222	14

Requirements for a Minor in Chemistry include:

Chemistry 111, 112; 221, 222; or 321, 322	16
Advanced Electives in Chemistry	2
Physics 111, 112, is recommended.	

Requirements for a Minor in Geology include:

Geology 111, 112; 115, 252	15
Other Electives in Geology	3
Chemistry 111, 112, is recommended.	

Requirements for a Minor in Physics include:

Physics 111, 112	8
Advanced Electives in Physics	10
Chemistry 111, 112 is recommended.	

Freshman Year (32 semester hours): English 105, 106; History 207, 208; Mathematics 107, 108; Foreign Language (6 semester hours); General Chemistry 111, 112.

Sophomore Year (32 semester hours): English 205, 206; Foreign Language (If more needed - 6 semester hours); Health 101; Mathematics 221, 222; Organic Chemistry 321, 322; electives (3 semester hours).

Junior Year (32 semester hours): Music 230 or Art 205; Philosophy 300 or Psychology 101 or Religion 312 or 412; Physical Education 101, 102; Physics 211, 212; Qualitative Analysis (Chem.) 211; Quantitative Analysis (Chem) 222; a required Social Science offering (3 semester hours); electives (5 semester hours).

Senior Year (32 semester hours): Physical Chemistry 425; 426; a required Social Science offering (3 semester hours); electives (21 semester hours):

Out of the 29 semester hours classified above as electives, courses must be chosen to satisfy the requirements in the field chosen for a minor.

For a chemistry major seeking certification for teaching high school chemistry, he will need the following additional courses: Educational Psychology 202, 404; Education 227, 428, 431; Chemistry Education 400. Education 460 is recommended.

CHEMISTRY

111, 112. General Chemistry

Chemistry 111 is a prerequisite for Chemistry 112.

This is an introduction to the methods, materials, and principles of inorganic chemistry and organic chemistry. Fall, spring; three recitations, one double laboratory period weekly. Credit, 8 semester hours.

221. Qualitative Analysis

Prerequisite: Chemistry 111, 112

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

222. Quantitative Analysis

Prerequisite: Chemistry 221

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

321, 322. Organic Chemistry

Prerequisites: Chemistry 111, 112

A study of the aliphatic and aromatic carbon compounds with special emphasis on structure, major reactions, and reaction mechanisms. Fall, spring; three recitations, one double laboratory period weekly. Credit, 8 semester hours.

323. Biochemistry

Prerequisites: Chemistry 321, 322

The chemical constitution of living matter. Biochemical processes as well as compounds are studied. Fall; two recitations, one double laboratory period weekly. Credit, 3 semester hours.

402. Independent Study in Chemistry

Prerequisite: Consent of Department Head

Individual research in advanced areas in chemistry. Offered for chemistry majors only. Credit, 1 to 3 semester hours.

425, 426. Physical Chemistry

Prerequisites: Two years chemistry, mathematics through calculus, and consent of the instructor required.

A theoretical and mathematical treatment of the fundamental laws and theories underlying the science of chemistry. Fall, spring; three recitations, one double laboratory period weekly. Credit, 8 semester hours.

METHODS**400. Chemistry Education. Methods of Teaching Chemistry**

Study involving selection, organization and presentation of high school chemistry materials with special reference to the text specified for North Carolina schools. Credit, 3 semester hours.

GEOLOGY**111. Physical Geology**

An introductory course in Physical Geology: rocks and minerals, erosion, sedimentation, vulcanism, metamorphism, mountain formation, with laboratory studies of topographic mapping, geologic structure. Fall, spring; three recitations, one laboratory period weekly. Credit, 4 semester hours.

112. Historical Geology

Prerequisite: Geology 111

An introductory course in the history of the earth from its formation up to the present time, geologic time, fossils, plant and animal evolution. Spring; three recitations, one laboratory period weekly. Credit, 4 semester hours.

115. Earth and Space Science

A course to acquaint students with some of the basic ideas in astronomy, meteorology, and oceanography. A small amount of geology is included. Fall; three recitations, one laboratory period weekly. Credit, 4 semester hours.

230. Physical Regions of the World

Survey of the major physiographic regions of the world by continents, with emphasis on geology, topographic features, climate soils, vegetation, mineral resources, and economics potential. Spring; three recitations weekly. Credit, 3 semester hours.

242. Climatology

The same course as Geography 242. Credit, 3 semester hours. (See page — for course description.)

252. Astronomy

The solar system, identification and locations of stars and constellations, stellar evolution, the Milky Way, extragalactic systems, theories about the origin and nature of the universe. Spring, in odd numbered calendar years; three recitations weekly. Credit, 3 semester hours.

361. Geomorphology

Prerequisites: Geology 111-112

Advanced study of land forms, with emphasis on dynamic processes

fluvial, solution, marine, glacial, periglacial, eolian, and volcanic. Review of early and recent concepts and theories. Analysis and interpretation of local and regional land forms. Fall; two recitations, one double laboratory period weekly. Credit, 3 semester hours.

PHYSICS

111, 112. General Physics

Prerequisite: A student must be enrolled in, or have completed Mathematics 108.

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

211, 212. Intermediate Physics

Prerequisites: Mathematics 221

A course offering a more thorough treatment than in the elementary sequence of mechanics, heat electrostatics, electrodynamics, acoustics modern physics, and electromagnetic radiation with problems. Fall, spring; three recitations, one double laboratory period weekly. Credit, 8 semester hours.

214. Introductory Applied Physics

Machines, materials, forces and their effects, heat and heating air-conditioning, humidity and dehumidifiers, electricity and electrical appliances, light and lighting. Fall; one recitation, one double laboratory period weekly. Credit, 2 semester hours. (Does not apply toward a Physics minor.)

218. Light and Physical Optics

Prerequisites: Physics 112 and a working knowledge of calculus.

Basic phenomena of geometrical and physical optics, including polarization, and physical optics. Spring or fall; two recitations, one double laboratory period weekly. Credit, 3 semester hours.

322. Electricity and Magnetism

Prerequisites: Physics 112 and a working knowledge of calculus

A study of electrostatics, magnetic and electrostatic fields, and capacitance, dielectrics, electric machinery and meters, Spring or fall; three recitations, one double laboratory period weekly. Credit 4 semester hours.

425. Electronics

Prerequisites: Physics 322 and a working knowledge of calculus and consent of the instructor.

A study of electron tubes, transistors, and basic circuits, Spring or fall; three recitations, one laboratory weekly. Credit, 4 semester hours.

SCIENCE

305. Physical Science for Elementary Teachers

A study of man's knowledge of the world in which he lives. The essentials of Chemistry, Physics, Geology, and Astronomy. Fall and Spring; three recitations, one double laboratory period weekly. Credit, 4 semester hours.

PSYCHOLOGY

Acting Head: P. W. KILLIAN, JR.

W. M. MATHEWS
DAVID EASLEY

JAMES HUBBARD

The science of psychology concerns itself with laws and processes of behavior. The courses in the Psychology department are planned: (1) to impart an understanding of the basic principles, methods, and data of psychology as a science; (2) to prepare some majors for graduate study which may lead to a professional career in psychology, since positions in the field usually require from one to four years of graduate training and; (3) to help others prepare for non-professional careers.

The Psychology Laboratory

The psychology laboratory is designed for instruction in human and animal learning, small group interaction studies and factors involved in sensation and perception with emphasis on visual and auditory processes. It also provides the opportunity for advanced students to do research.

Requirements for a Major in Psychology—35 hours including the following:

Psychology 101, 209, 210, 304, 305, and 401. Electives in psychology—15 hours (should consult with adviser).

Any deviation from the major required courses must be approved in writing by the Head of the Psychology department.

Requirements for a Minor in Psychology—18 hours

Psychology 101 plus 15 elective hours in Psychology (6 hours must be upper division courses).

101. Introductory Psychology

A systematic survey of psychology as a natural science. Specific subject matter includes: physiological basis of behavior, growth, motivation, learning, and individual differences. Fall and spring. Credit, 3 semester hours.

204. Psychology of Adjustment

Prerequisite: Psychology 101

Analysis of principles by which habits and patterns of adjustments are learned, maintained, particularly as these principles have application to the emotional and social adjustment of the individual. Credit, 3 semester hours.

205. Developmental Psychology

Prerequisite: Psychology 101

A survey of the psychological development of the child through adolescence. Topics of special interest are theories of development, research in child rearing practices, socialization process and personality development. Spring. Credit, 3 semesters.

209. Research Design and Analysis I

Prerequisite: Psychology 101

An introduction to elementary research design and statistical procedures used to analyze data accumulated during research. This will include: probability, descriptive statistics, the *t*-test, and the Pearson

correlation technique. Emphasis will be placed on the analysis of data meaningful to the student. Fall. 3 recitations and one lab weekly. Credit: 4 semester hours.

210. Research Design and Analysis II

Prerequisite: Psychology 101 and 209

A continuation of Psychology 209. Included will be more advance design and statistics appropriate to them. These will include simple analysis of variance and special correlational techniques. Emphasis will be placed on actually carrying out research and analyzing the data gathered. Spring. Credit, 4 semester hours.

304. History and Systems of Psychology

Prerequisite: Junior or Senior Majors

A study of the major psychological concepts in ancient and early modern thinking. Major emphasis upon nineteenth and twentieth century developments. Fall. Credit, 3 semester hours.

305. Advanced Theory and Method: Learning

Prerequisites: Psychology 209, 210

Advanced level course emphasizing current problems which are being attacked experimentally and theoretically. Journal literature to furnish an important source of material for group discussion in seminar fashion. Spring. Credit, 3 semester hours.

306. Advanced Theory and Method: Motivation

Prerequisites: Psychology 209, 210, and 305

Advanced level course emphasizing current problems which are being attacked experimentally and theoretically. Journal literature to furnish an important source of material for group discussion in seminar fashion. Fall. Credit, 3 semester hours.

401. Physiological Psychology

Prerequisites: Psychology 101, 209

A study of those aspects of physiology most relevant to psychological investigation: the anatomy and physiology of receptor and effector organs, the neuron and synapse, sensory and motor neural pathways, the integrative activity of the central nervous system, the autonomic system and the action of hormonal factors. Spring. Credit, 3 semester hours. Fall, biennially.

402. Perception and Sensation

Prerequisite: Senior Major elective

A study of sensation processes, including perceptual phenomena, with emphasis upon the techniques by which man represents his world and the consequences of representation for behavior. Fall. Credit, 3 semester hours.

403. Psychological Testing—Theory and Practice

Prerequisites: Psychology 101, 209

A study and practicum in the administration, evaluation, and interpretation of data obtained through the utilization of such psychological tests as intelligence, personality, interests, aptitude, and achievement. Spring. Credit, 3 semester hours.

405. Abnormal Psychology

Prerequisites: Psychology 101, 204

The etiology, symptoms and therapy of behavior abnormalities includ-

ing the neuroses, psychoses, epilepsy, speech disorders and mental deficiency. Spring. Credit, 3 semester hours.

406. Social Psychology

Prerequisite: Psychology 101

The role of social factors in the behavior of individuals and of groups, including such topics as attitudes, prejudice, leadership, personality, and culture. Fall. Credit, 3 semester hours.

407. Psychology of Personality

Prerequisite: Psychology 101, 205

The various theoretical approaches to the study of personality, with emphasis on trait theories, typologies, field theory and psychoanalysis. Fall and spring. Credit, 3 semester hours.

408. Mental Hygiene in School

Prerequisite: Senior standing

A study of the influences within the school which affect the student's self-concept, motivation, and social-adjustment; factors affecting the teacher's mental health will also be considered. Summer. Credit, 3 semester hours.

410. Independent Study in Psychology

Directed readings and/or research, leading to the preparation of a paper or a supervised laboratory experiment. The course is exclusively for students of senior standing with a major in psychology. Fall or spring; by arrangement. Credit, 1 to 3 semester hours.

411. Psychology of Exceptional Children

Prerequisite: Senior Standing

This course will examine the unique problems of behavior which children of various handicaps face themselves and present for those who work with them. Summer. Credit, 3 semester hours.

412. Psychology of Mental Retardation

Prerequisite: Senior Standing

This course is an investigation of the behavior problems confronting the mentally retarded and their families. The student will study the courses of mental retardation and how one might effectively work with these people in various settings. Summer. Credit, 3 semester hours.

SOCIOLOGY AND GEOGRAPHY

Head: ROBERT W. BIRCHFIELD

HARVEY L. CARNES
JEFFREY J. GORDON
ELIZABETH H. H. KUO

THOMAS E. ROSS
EDWARD D. WATKINS

This Department offers a major and minor in Sociology. The aim is to provide a broad and diversified background in Sociology as an academic discipline that provides insights of practical value at every level of individual and community daily life. Within the program an emphasis upon social welfare is available to students planning subsequent pursuits in that field.

Requirements for a Major in Sociology: 30 semester hours, including Sociology 201, 412, and 414. In addition, Sociology 307, 309, 405, and 409 are recommended for emphasis in social welfare.

Requirements for a Minor in Sociology: 18 semester hours, including Sociology 201 and 15 elective hours offered by the department, of which Sociology 412 and 414 are recommended.

SOCIOLOGY

201. Introduction to Sociology

A study of the characteristics of human society; interrelationships of personality, society and culture; analysis of factors associated with development of man's group life and social environment; the influence of social structure upon individual behavior. Fall and spring. Credit, 3 semester hours.

202. General Cultural Anthropology

An introduction to the nonbiological areas of anthropological knowledge: culture theory, human ecology, social structure and dynamics, primitive technology, religion, art and literature, ethnolinguistics, personality and culture. Emphasis upon the relevance of anthropology for daily affairs and personal beliefs regarding human nature and society, especially in terms of intergroup and interracial understanding. Relationship of anthropology to other fields of knowledge that reflect the nature of mankind. Fall and spring. Credit, 3 semester hours.

203. Cultural Anthropology for Teachers

Restriction: A course parallel and alternate to Sociology 202, designed for education certification majors, not open to others except by permission of the Department Head.

Identification of the classroom teacher's problems of understanding, communication, and professional efficacy generated by cultural differences. Survey of the sources of insight provided by anthropology regarding regional and local socioeconomic, ethnic, racial, or other groups' socialization and enculturation practices, language and literacy barriers, school-community value conflicts. Classroom application of anthropological viewpoints. Fall and spring. Credit, 3 semester hours.

204. General Physical Anthropology

Prerequisite: Permission of the instructor

An introduction to the study of mankind as a species, with emphasis upon social science implications: the biological foundations of human nature, comparison with other species; definitive anatomical, physiological, and behavioral characteristics; racial and subpopulation diversity; the paleontology and archaeology of fossil human forms and their antecedents; practical applications of physical anthropology. Fall or spring. Credit, 3 semester hours.

302. Advanced Cultural Anthropology

Prerequisite: Sociology 202 or 203

Advanced study in the various areas of social and cultural anthropology: trends in culture theory, theory of social structure and dynamics, ethnology of the various social institutions, comparative ethnography, ethnolinguistics, applied anthropology. Fall or spring. Credit, 3 semester hours.

303. The Family

The family and kin group as a fundamental element of all societies: types of families, how family units develop and change; the unique characteristics of the American family, its relation to other social institutions; the problems of the family in modern industrial societies; mate selection, courtship, husband-wife and parent-child relationships. Fall or spring. Credit, 3 semester hours.

305. Rural-Urban Sociology

The sociology of human settlement: elements of human ecology; rural and urban cultural contrasts; the concept of community; preindustrial versus industrial cities; modern urban complexity and urbanization processes; community and regional planning. Fall or spring. Credit, 3 semester hours.

307. Social Welfare

Historical development, philosophy and theory of social welfare; processes developed and specialties among social workers; personal and educational requirements for the career opportunities available; methods of caring for child and adult dependents and defectives; Federal, state, and community programs. Fall or spring. Credit, 3 semester hours.

308. Population Problems

Emphasis upon the conceptual tools and resources of demography; familiarization with sources of demographic information and their proper utilization in discernment of population phenomena; social, economic, and political problems related to increase, change, distribution, and movement of populations; analysis of manifest population trends, Fall or spring. Credit, 3 semester hours.

309. Social Problems

A general course dealing with contemporary social problems, with special emphasis on personal and social maladjustment, deviation, conflicting values, and processes of adjustment to social change. Fall or spring. Credit, 3 semester hours.

315. Minority Groups

An examination of inter-group strife as an aspect of social living; current conflicts between races and ethnic minorities; prejudice, discrimination, segregation, and intergration. Fall or spring. Credit, 3 semester hours.

401. Political Sociology

The sociological approach to government, politics, and social movements; sociological power theory; relationship of political institutions to other elements of social structure and dynamics; political activity, partisanry, and party formation; demographic and socioeconomic differentials of political participation; communication and voting behavior; the sociology of political ideology. Fall or spring. Credit, 3 semester hours.

402. Social Stratification

Prerequisite: Sociology 201

The study of sociostructural differentiation in terms of gross categories; horizontal and vertical ordination, segmentation and stratification; caste, class, estate, etc., versus pluralistic patterns; closed

versus open societies, and patterns of social mobility; techniques of identifying social class structure in modern societies, with particular attention to United States patterns. Fall or spring. Credit, 3 semester hours.

404. Sociology of Education

Examination of the forms of institutionalization of educative activity; socialization and enculturation, formally and informally structured, especially in literate, urban society; relationships to other social institutions; social values and organizational philosophy; trends in education; sociological insights for school functionaries. Fall or spring. Credit, 3 semester hours.

405. Criminology

The nature of crime; the statistics of criminal behavior; the nature of the criminal; the causes and conditions of illegal behavior; theories and practices in the treatment of criminals and the prevention of crimes. Fall or spring. Credit, 3 semester hours.

408. Social Change

Prerequisite: Sociology 201, 202, or 203

Examination of processes of cultural and social change: cultural drift, diffusion, innovation; culture contact and acculturation; functional and dysfunctional impact of change; planned and unplanned change; problems of induced change in underdeveloped societies. Fall or spring. Credit, 3 semester hours.

409. Social Psychology

Prerequisite: Sociology 201 or permission of the instructor

A study of the effects of social interaction upon individual behavior and personality; collective attitudes and behavior as products of group experience; analysis of fashions and fads, crowds, mobs, publics, social movements. Spring. Credit, 3 semester hours. (This course is also listed as Psychology 406.)

410. Independent Study in Sociology

Prerequisite: Acceptance for supervision by the department member concerned.

Directed reading and research, leading to preparation of a paper or a supervised laboratory experience in a social agency. The course is exclusively for senior students with a major in sociology. Fall or spring; individual arrangements. Credit, 1 to 3 semester hours.

412. Sociological Theory

Prerequisite: Sociology 201

A study of the development of sociology as a scientific discipline: outstanding contributors, schools of thought, climates of intellectual interest; parallels, rivalries, and convergence in modes of explanation; emergence of issues in metatheory; development of sociological techniques implementive of theory. Fall and spring. Credit; 3 semester hours.

414. Methods of Social Research

Prerequisite: Sociology 201 or permission of the instructor

Intensive consideration of research methods and techniques used in sociology; the various steps in planning, organizing, and conducting research projects. Fall and spring. Credit, 3 semester hours.

GEOGRAPHY

A minor in Geography is available, designed for general understanding of "Spaceship Earth" as the home of Mankind and his fellow creatures. Study of the geographical areas of the world involves consideration of processes as well as descriptive features, aiming toward development of an awareness of the components that make up any geographical complex: geological, biotic, socio-cultural, economic and political. A foundation in the tools and techniques of Geography is sought.

Requirements for a minor in Geography: Geography 201 and 15 additional semester hours of Geography.

201. Principles of Geography

An introductory course which studies the earth and the environment of man, emphasizing the physical patterns of climate, landforms, soils and natural resources. Recommended as a background for all other courses in geography. Fall and spring. Credit, 3 semester hours.

202. World Regional Geography

A survey covering most of the countries and regions of the world, emphasizing the geographic factors as they relate to modern economic and political problems. Special attention given to areas of current significance in world affairs. Spring. Credit, 3 semester hours.

242. Climatology

Characteristics of the earth's climates: analysis and classification of climatological data; climatic controls; area extent of major climatic types. Fall, Credit, 3 semester hours. (This course is also listed as Geology 242.)

306. World 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. Fall and spring. Credit, 3 semester hours. (Also listed as Econ. 306, Economic Geography.)

320. Geography of the Eastern Mediterranean Area

A study of the Eastern Mediterranean by means of a college supervised tour of the area and seminars, including predeparture orientation, en route lectures and a formal resume. Summer session. Credit, 3 semester hours.

321. Geography of Anglo-American

A study of the climate, physical patterns, natural resources, agricultural and industrial development of the United States, Canada, and Alaska. Fall or spring. Credit, 3 semester hours.

330. Geography of Latin America

A study of the physical regions and political units of Latin America, with special consideration given to the geographic factors involved in the recognition of various political and economical limitations and potentialities. Fall. Credit, 3 semester hours.

340. Geography of Europe

A regional study of the geography of Europe, directed towards the geographic factors affecting the historical development, current economic trends, and political problems of Europe. Spring. 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 problems. Fall. Credit, 3 semester hours.

352. Geography of Africa

A study of the geographic factors of climate, natural resources, and physiography affecting the historical development and current economic and political patterns in Africa. Fall or spring. Credit, 3 semester hours.

353. Geography of Asia

A survey of the principle regions of Asia, studying climate, physical patterns, and natural resources of the area. Special attention given to those countries important in current world events. Spring. Credit, 3 semester hours.

358. Australia, New Zealand and Oceania

The relationship of human activities to the natural environments of Australia, New Zealand and the islands of the Pacific. Fall or spring. Credit, 3 semester hours.

SPEECH AND DRAMA

Head: KENNETH W. PAULI

GAIL A. BEGGS

ALBERT DUNAVAN

The courses in the department are planned so that a student may acquire a minor in these two somewhat related disciplines. For students interested in pursuing work in speech or drama at the graduate level the following courses may provide a basic foundation; for the student intending to pursue a professional career involving speech or theatre the curriculum should be helpful; for others the program encourages the development of cultural and critical awareness.

Requirements for a Minor in Speech and Drama

18 semester hours, which may include two of the following:

English 351, 352, or 354

SPEECH

101. Speech Fundamentals

An introduction to the nature and fundamentals of speech; a study of its principles; practice in the development of good habits. (This course cannot be used as credit toward a minor in speech and drama.) Fall, spring. Credit, 3 semester hours.

102. Argument and Debate

The essentials of argumentation; use of reasoning and evidence; definitions, analysis, case construction and refutation; application to various forms of speech making. Fall. Credit, 3 semester hours.

104. Parliamentary Procedure

Basic elements of parliamentary procedure. Spring. Credit, 1 semester hour.

260. Voice and Diction

A study of the principles of voice production; consideration to the elimination of harshness, fatigue, faulty articulation; detailed study of the International Phonetic Alphabet. Fall. Credit, 3 semester hours.

270. Language Development of Children

A searching look at the way a young child acquires a language; emphasis on the nature of, and emerging order of phonemic and syntactical structures. Exploration of current trends, practices and materials designed to facilitate effective growth of a child's communicative abilities. Attention to individual differences in language ability and consideration of the role of language in cognitive development. Fall, spring. Credit, 3 semester hours.

300. Oral Interpretation

Techniques of interpretative reading as means of understanding and communicating to an audience a work of literary art in its intellectual, emotional, and aesthetic entirety. Fall, spring. Credit, 3 semester hours.

302. Oral Interpretation of Poetry

Prerequisite: Speech 300

Interpretative analysis of selected works of poetry. Spring. Credit, 3 semester hours.

304. Advanced Oral Interpretations

An advanced course offering experience in the oral interpretations of all forms of literature with emphasis on selecting, cutting and oral interpretation of material for performance. Fall or spring. Credit, 3 semester hours.

310. Speech Education

Opportunity for teachers to acquire standards for recognizing speech problems and improving speech habits of student. Fall, spring. Credit, 3 semester hours.

311. Advanced Public Speaking

Prerequisite: Speech 101

The preparation and presentation of ceremonial and legislative addresses; emphasis on support, structure, style; study of classical and current models. Spring. Credit, 3 semester hours.

357. Discussion Techniques

Prerequisite: Junior Class Standing

Various forms of group discussion evaluated and practiced. Leadership functions and responsibilities of the individual to the group will be stressed. Spring. Credit, 3 semester hours.

403. Radio and Television

An introduction to the study of radio and television; the history of the development of the media; an analysis of their communicative effect upon listeners. Fall. Credit, 3 semester hours.

404. Speech and Drama for Children

A course designed for students in elementary education covering various methods of creative teaching: storytelling, oral reading and children's theatre. Presentation of stories, poetry, plays, and use of creative dramatics. Fall, spring. Credit, 3 semester hours.

DRAMA**201. Elementary Acting**

Theory and practice in fundamentals of acting for the theatre; practical experience gained in college theatre productions. Fall, spring. Credit, 3 semester hours.

202. Advanced Acting

Prerequisite: Speech 201 or permission of instructor

Theory and practice of acting in different styles and models of presentation, including naturalism, romanticism, classicism and modern realism. Spring. Credit, 3 semester hours.

251. Play Production

Theoretical and practical experience in costuming, lighting and staging plays. Fall. Credit, 3 semester hours.

252. Play Direction

A study of theory and practice of play directing in the modern theatre; training in selecting and analyzing scripts; experience in casting and directing rehearsals. Spring. Credit, 3 semester hours.

360. History of the Theatre

A survey of theatre from its earliest beginnings to the present. Emphasis on Greek, Roman, French, Italian and English developments. Fall. Credit, 3 semester hours.

SUMMARY OF ENROLLMENT 1970-71

SUMMER SESSION, 1970

First Term	1296
Second Term	1100
Total number enrolled	2396

FIRST SEMESTER 1970-71

Freshmen	623
Sophomores	446
Juniors	395
Seniors	313
Part-time	53
Continuing Education	96
Total number enrolled	1926

SECOND SEMESTER 1970-71

Freshmen	570
Sophomores	418
Juniors	387
Seniors	308
Part-time	48
Continuing Education	119
Total number enrolled	1850

DEGREES CONFERRED, May, 1971 (Estimated)

Bachelor of Science	193
Bachelor of Arts	82
Total number of degrees conferred	275

PEMBROKE STATE UNIVERSITY ENROLLMENT

Men	1144
Women	782
GRAND TOTAL	1926
State Residents	1714
Non-Residents	212

ENROLLMENT BY STATE

1. Arizona	1
2. Colorado	1
3. Delaware	4
4. Florida	4
5. Georgia	2
6. Illinois	1
7. Kentucky	2
8. Maryland	6
9. Massachusetts	1
10. Michigan	1

11. New Jersey	18
12. New York	24
13. North Carolina	1714
14. Pennsylvania	14
15. South Carolina	107
16. Virginia	26

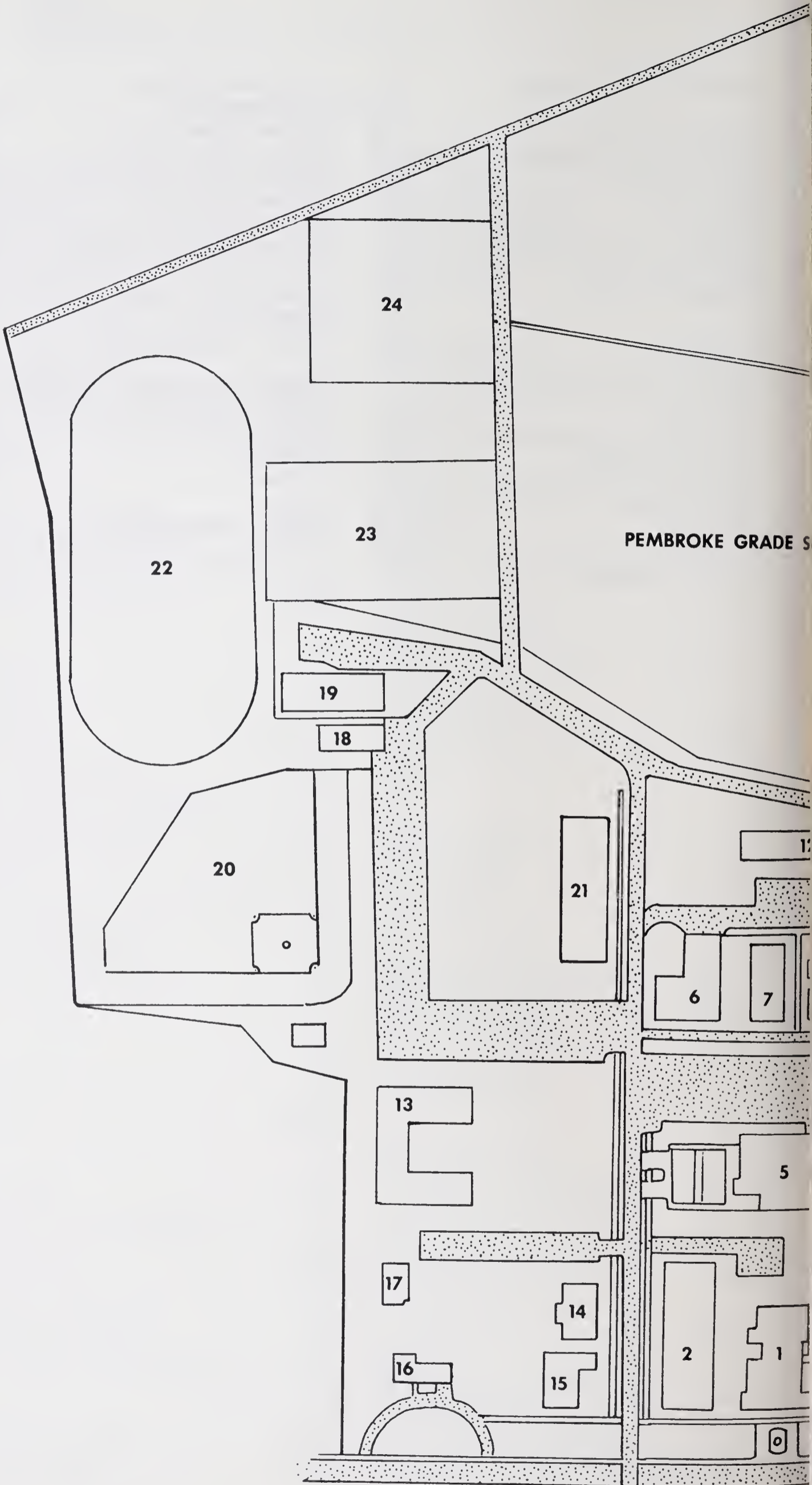
ENROLLMENT BY COUNTIES OF NORTH CAROLINA

Alamance	5	Lincoln	4
Anson	14	Martin	4
Beaufort	4	Mecklenburg	12
Bertie	3	Mitchell	1
Bladen	70	Montgomery	16
Brunswick	8	Moore	17
Buncombe	4	Nash	8
Cabarrus	6	New Hanover	1
Caldwell	2	Onslow	17
Carteret	4	Orange	4
Catawba	9	Pamlico	2
Chatham	9	Pasquotank	2
Cleveland	1	Pender	4
Columbus	64	Person	5
Craven	6	Pitt	2
Cumberland	308	Randolph	23
Davidson	9	Richmond	76
Duplin	1	Robeson	622
Durham	27	Rockingham	10
Edgecombe	3	Rowan	3
Forsyth	18	Sampson	14
Franklin	1	Scotland	100
Granville	4	Stanly	5
Guilford	34	Stokes	2
Halifax	10	Surry	1
Harnett	22	Union	3
Hoke	44	Vance	2
Iredell	4	Wake	20
Johnston	12	Wayne	11
Jones	3	Wilson	3
Lee	7	Yadkin	2
Lenoir	2		

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CAMPUS MAP

Key to Buildings

1. Sampson Hall (Administration Building)
2. Mary Livermore Library
3. Old Main
4. Science Building
5. Gymnasium
6. Cafeteria
7. Lowry Student Center
8. Locklear Hall
9. Moore Hall
10. Music Annex
11. Jacobs Hall (Men's Dormitory)
12. Wellons Hall (Men's Dormitory)
13. West Hall (Women's Dormitory)
14. Infirmary
15. Home Economics Residence House
16. President's Home
17. Guest House
18. Receiving Depot
19. Maintenance Shop
20. Baseball Field
21. Business Administration Building
22. Track Field
23. Soccer
24. Intramural Football Field
25. Environmental Building
26. Green House

