J. M. Justice

BULLETIN

APPALACHIAN STATE TEACHERS COLLEGE

Member North Carolina College Conference
Member Southern Association of Colleges and Secondary Schools
Member American Association of Colleges For Teacher Education
Member National Council for Accreditation of Teacher Education

CATALOG ISSUE 1959-1960

WITH

Announcements for 1960-1961

BOONE, NORTH CAROLINA
JUNE QUARTER
NINETEEN HUNDRED SIXTY

NOTE

The schedule, program of instruction, fees, and the personnel of the teaching staff announced in this bulletin are subject to such changes as may be necessary or deemed advisable by the administration.

BULLETIN

APPALACHIAN STATE TEACHERS COLLEGE

Boone, North Carolina

New Series JUNE QUARTER, 1960 Vol. LVIII, No. 2

Fifty-Sixth Annual Catalog Issue for 1959-1960

With

Announcements for 1960-1961

Accredited Member of

The North Carolina College Conference
The Southern Association of Colleges and Secondary Schools
The American Association of Colleges for Teacher Education
The National Council for Accreditation of Teacher Education

CO-EDUCATIONAL

Issued Quarterly
Entered as second-class matter at the post office
Boone, North Carolina

FRESHMAN WEEK

Thursday, Friday, and Saturday, September 8, 9, and 10, will be given to the orientation and classification of freshman students. All students who plan to enter college for the first time will be expected to present themselves for the freshman program on September 8. Those who come later than that day will be charged a late test fee of $2.00.

1960

SEPTEMBER

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1961

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SEPTEMBER

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DECEMBER

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31						

Calendar for School Year 1960-1961

(Graduate and Undergraduate)

FALL TERM 1960

Official Opening—First Faculty Meeting 10:00 A.M., Wednesday ..... September 7
Dormitories open for Freshmen 12:00 Noon, Wednesday ..... September 7
First Meal in Cafeteria at 5:00 P.M., Wednesday ..... September 7
Freshman Orientation Program begins, Administration Building Auditorium, 8:30 A.M., Thursday ..... September 8
Freshman Tests, to be announced
Dormitories open for Transfer Students 10:00 A.M., Saturday ..... September 10
Freshman Registration begins, 8:00 A.M., Saturday ..... September 10
Dormitories open for Upperclassmen, 10:00 A.M., Monday ..... September 12
Transfer Orientation, Administration Building, Room 34, 10:00 A.M., Monday ..... September 12
Freshman Classes begin, 8:00 A.M., Monday ..... September 12
Upperclass Registration, 8:30 A.M. to 5:00 P.M., Tuesday ..... September 13
Convocation, Physical Education Building, 10:00 A.M., Friday ..... September 16
Registration closes, Tuesday classes must be met ..... September 20
Applications for National Teacher Examination due, 4:00 P.M., Saturday ..... September 17
Meeting for all students expecting to do student teaching Winter Quarter, 1960-61, Elementary School Auditorium, 4:15 P.M., Wednesday ..... September 21
Homecoming ..... October 1
National Teacher Examination Administration, Saturday ..... October 8
Mid-term Reports due, Saturday ..... October 15
Meeting for all students expecting to do student teaching during the school year 1961-62, Elementary School Auditorium, 4:15 P.M., Wednesday ..... November 9
Final Examinations ..... November 18, 19, 21, 22, 23
Term closes, 4:00 P.M., Wednesday ..... November 23
Thanksgiving Holidays ..... November 24-27

WINTER TERM 1960-61

Registration, 8:30 A.M. to 5:00 P.M., Monday ..... November 28
Classes begin, 8:00 A.M., Tuesday ..... November 29
Registration closes, Monday classes must be met ..... December 5
Convocation, Physical Education Building, 10:00 A.M., Thursday ..... December 15
Christmas Holidays begin, 12:00 Noon, Friday ..... December 16
Classes resume, 8:00 A.M., Tuesday ..... January 3
Meeting for all students expecting to do student teaching Spring Quarter, 1961, Elementary School Auditorium, 4:15 P.M., Wednesday ..... January 11
Mid-term Reports due, Saturday ..... January 21
Final Examinations ..... February 27, 28, March 1, 2, 3
Term closes, 4:00 P.M., Friday ..... March 3

SPRING TERM 1961

Registration, 8:30 A.M. to 5:00 P.M., Tuesday ..... March 7
Classes begin, 8:00 A.M., Wednesday ..... March 8
Meeting for all students expecting to do student teaching Fall Quarter, 1961, Elementary School Auditorium, 4:15 P.M., Wednesday ..... March 8
Registration closes, Tuesday classes must be met ..... March 14
Easter Holidays begin, 4:00 P.M., Friday ..... March 31
Classes resume, 8:00 A.M., Tuesday ..... April 4
Mid-term Reports due, Saturday ..... April 15
Convocation, Physical Education Building, 10:00 A.M., Wednesday ..... April 19
Spring Festival ..... May 5-6
Final Examinations ..... May 22, 23, 24, 25, 26
Term closes, 4:00 P.M., Friday ..... May 26
Commencement Exercises, 3:00 P.M., Saturday ..... May 27

SUMMER SESSION 1961

First Term ..... June 8 to July 14
Second Term ..... July 17 to August 18

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Officers

BOARD OF TRUSTEES

William J. Conrad, *Chairman* ..... Winston-Salem
C. Watson Brame ..... North Wilkesboro
Kidd Brewer ..... Raleigh
B. C. Brock ..... Mocksville
Mrs. J. Ed Broyhill ..... Lenoir
Mrs. Harry B. Caldwell ..... Greensboro
George Corn ..... Shelby
L. A. Dysart ..... Lenoir
John Frank ..... Mount Airy
J. B. Hagaman, Jr. ..... Boone
E. G. Lackey ..... Winston-Salem
W. R. Winkler, Sr. ..... Boone

Executive Committee: W. R. Winkler, Sr., *Chairman,* C. Watson Brame, George Corn, John Frank, J. B. Hagaman, Jr.

EMERITUS

J. D. Rankin, *President Emeritus*

ADMINISTRATION

William Howard Plemmons, A.B., A.M., Ph.D., LL.D. (1955), *President*
A.B., Wake Forest College, 1928; A.M., Duke University, 1935; Ph.D., University of North Carolina, 1943; LL.D., Wake Forest College, 1958.

David Barnard Dougherty, B.S. (1929), *Vice-President and Comptroller*
B.S., Appalachian State Teachers College, 1932.

D. J. Whitener, A.B., M.A., Ph.D. (1932), *Dean*
A.B., University of North Carolina, 1922; M.A. *ibid.,* 1923; Ph.D., *ibid.,* 1932.

H. R. Eggers, A.B., M.A. (1929), *Registrar*
A.B., Carson-Newman College, 1922; M.A., George Peabody College for Teachers, 1927.

Cratis Williams, A.B., M.A. (1942), *Director of Graduate Studies*
A.B., University of Kentucky, 1933; M.A., *ibid.,* 1937.

Maxie G. Edmisten, B.S., M.A. (1956), *Dean of Women*
B.S., Appalachian State Teachers College, 1931; M.A., *ibid.,* 1953.

James E. Stone, B.S., M.S., Ed.D. (1954), *Associate Professor, Education, Director of Summer Session and Extension*
B.S., Western Illinois State College, 1948; M.S., *ibid.,* 1949; Ed.D., University of Illinois, 1954.

John F. Bozard, B.A., M.A., Ph.D. (1957), *Dean of Instruction*
B.A., Furman University, 1926; M.A., University of Virginia, 1930; Ph.D., Cornell University, 1937.

John Kirk, B.S., M.A. (1950), *Dean of Men*
B.S., Appalachian State Teachers College, 1948; M.A., *ibid.,* 1950.

Faculty Councils

(The President, the Vice-President and Comptroller, and the Dean of the College are members, ex-officio, of all Councils.)

Administrative—Plemmons, *Chairman,* Dougherty, D.B., Edmisten, Maxie G., Eggers, H. R., Pritchett, Leo K., Rankin, Stone, Whitener, Williams, C.

Graduate—Williams, C., *Chairman,* Derrick, Eggers, G. P., Eggers, H. R., Fulmer, Howell, John T., Jones, Isabel, Justice, Ila T., Spencer, Stone, Sutton, Walters, M. L., Wright, Yoder.

School—Plemmons, *Chairman,* Whitener, *Vice-Chairman,* Bozard, Dixon, Dougherty, Edwin, Edmisten, Maxie G., Kirk, Melton, E. (Also, five senior representatives from the Student Council, including the President of the Student Body.)

Summer Session—Stone, *Chairman,* Blanton, R., Bozard, Derrick, Horton, Howell, John T., Query, Spencer, Watkins, Williams, C., Yoder.

Faculty Standing Committees

(The President, the Vice-President and Comptroller, and the Dean of the College are members, ex-officio, of all Committees.)

Admissions—Eggers, H. R., *Chairman,* Barden, Edmisten, Maxie G., Harris, Pritchett, Leo K., Stacy, Stone.

Advisory—This committee is composed of the heads of departments and divisions.

Assembly—Barden, *Chairman,* Bozard, Dixon, Kirk, Lagrone, Meeks, Melton, Eloise C. (Two students each from freshman, sophomore, junior, and senior classes.)

Athletics—Eggers, G. P., *Chairman,* Dougherty, D. B., *Vice-Chairman,* Cole, Fulmer, Thomas.

Audio-Visual—Pritchett, John, *Chairman,* Buckland, Carpenter, I. W., Eggers, G. P., Eury, Hawkinson, Martha G., Justice, Ila T., Rhyne, Smith, Catherine.

Calendar—Hoover, Francis, *Chairman,* Edmisten, Maxie G., Linney, Pritchett, John, Pritchett, Leo K., Stacy.

Catalogs—Eggers, H. R., *Chairman,* Corey, Derrick, Eury, Hawkinson, Martha G., Jones, Isabel, Hodgin, D. R., Melton, J. R., Workman.

Curriculum—Eggers, H. R., *Chairman,* Brock, Decker, Derrick, Eggers, G. P., Eury, Horton, Justice, Ila T., Reynolds, Sink, Smith, Catherine, Smith, W. F., Spencer, Stone, Sutton, Walters, M. L., Williams, C., Wright, Yoder.

CURRICULUM LABORATORY—Council, *Chairman,* Carpenter, I. W., Cole, Melton, J. R., Putnam.

EXECUTIVE—Whitener, *Chairman,* Dixon, Bozard, Melton, Eloise, Dougherty, Edwin, Edmisten, Maxie G., Kirk.

FACULTY PUBLICATIONS—VanNoppen, Ina W., *Chairman,* Hodgin, D. R., Hoffmann, Jones, William, Middleton, Price, Randall, Stone, Williams, C.

LIBRARY—Eury, *Chairman,* Campbell, Cole, Derrick, Hoffmann, Hoover, F., Justice, Ila T., Melton, J. R., Montgomery, Price, Rhyne, Sawyer, Smith, Catherine, Smith, W. F., Tully.

ORIENTATION—Bagley, *Chairman,* Atwood, Carpenter, J. Lou, Edmisten, Maxie G., Fox, Hoover, Rena, Jones, J. F., Matthews, Pritchett, Leo K., Ramey, Riner, Robinson, Welborn, Vivian.

PLACEMENT—Horton, *Chairman,* Carder, *Assistant Chairman,* Edmisten, Maxie G., Light, Pritchett, Leo K., Rankin, Spencer.

PUBLIC PROGRAMS—Cook, *Chairman,* Dougherty, Edwin, Justice, John, Linney, Park, Rhyne, Tully, Williams, C., Williams, Elizabeth. (A representative from the Student Council. A student representative from each class. A representative from *Chi Lambda Chi.* A representative from The Playcrafters.)

REGISTRATION—Eggers, G. P., *Chairman,* Barden, Bozard, Dixon, Eggers, H. R., Hodges, Stacy, Thomas, Williams, Cratis, Wright.

SCHEDULE—Yoder, *Chairman,* Eggers, H. R., Eggers, Daisy W., Isley, Reynolds, Stacy, Watkins.

SCHOLARSHIPS AND GRANTS FOR ADVANCED GRADUATE AND PROFESSIONAL STUDY—Reynolds, *Chairman,* Brock, Buckland, Carpenter, I. W., Kirk, Melton, J. R., Simpson, Spencer, VanNoppen, J. J.

SOCIAL AFFAIRS—Thomas, *Chairman,* Brooks, Burch, Carpenter, I. W., Edmisten, Maxie G., Hodges, Pritchett, Leo K. Safrit, Spencer. (President of Student Council. President of *Chi Lambda Chi.* President of Freshman Class. President of Sophomore Class. President of Junior Class. President of Senior Class. President of Women's House Council. President of Newland Hall. President of Justice Hall. Editor or representative of *The Appalachian.*)

STUDENT AID—Dougherty, D. B., *Chairman,* Cottrell, Edmisten, Maxie G., Eggers, H. R., Eury, Hodgin, Allie A., Pritchett, Leo K., Welborn, John.

STUDENT PUBLICATIONS—Eggers, G. P., *Chairman,* Blackburn, Edmisten, Maxie G., Hawkinson, W. A., Howell, V. C., Williams, Cratis. (President of Student Council. Editor and Business Manager of *The Appalachian.* Editor and Business Manager of *The Rhododendron.*)

STUDENT TEACHING—Horton, *Chairman,* Blanton, R., Buckland, Carder, Howell, J. T., Query.

SUMMER CAMP EXPERIMENT—Blanton, R., *Chairman,* Derrick, Fulmer, Richardson, W. C., Walters, M. L., Watkins.

TRAFFIC AND PARKING—Stacy, *Chairman,* Cottrell, Kirk, Pierce, Pritchett, Leo K. (Four student representatives to be appointed upon recommendation of the Student Council.)

FACULTY

GELENE A. ATWOOD, A.B. (1956) .....*Instructor, Chemistry*
A.B., Woman's College of the University of North Carolina, 1953.

J. PAUL BAGLEY, B.S., M.A. (1959) ....*Assistant Professor, Education*
B.S., University of Tampa, 1952; M.A., Appalachian State Teachers College, 1957.

JOHN G. BARDEN, A.B., A.M., Ph.D. (1944) .....*Professor, Education*
A.B., University of North Carolina, 1922; A.M., Teacher's College, Columbia University, 1924; Ph.D., Columbia University, 1941.

ANNIE MAE CARROLL BLACKBURN, B.S., M.A. (1956)
Instructor, Business Education
B.S., Appalachian State Teachers College, 1951; M.A., *ibid.,* 1958.

JOHN F. BOZARD, B.A., M.A., Ph.D. (1957) .....*Professor, English*
B.A., Furman University, 1926; M.A., University of Virginia, 1930; Ph.D., Cornell University, 1937.

ROBERT L. BREITENSTEIN, B. E. (1959)
Visiting Professor, Physical Education
B.E., University of Cincinnati, 1939.

LUCY BROCK, A.B., B.S., M.S. in H.E. (1938)
Professor, Home Economics
A.B., University of Tennessee, 1923, B.S., *ibid.,* 1930; M.S. in H.E., *ibid.,* 1931.

RONALD BROOKS, B.S. (1957) .....*Instructor, Physical Education*
B.S., North Carolina State College, 1957.

*ROBERT W. BROOME, B.S., M.A. (1947)
Assistant Professor, Physical Education
B.S., Appalachian State Teachers College, 1940; M.S., University of North Carolina, 1949.

* Deceased (June 18, 1959).

GOLDEN T. BUCKLAND, B.S., M.A., D.Ed. (1949)
Professor, Mathematics
B.S., Appalachian State Teachers College, 1939; M.A., *ibid.*, 1949; D.Ed., Pennsylvania State University, 1954.

HELEN BURCH, A.B., M.A. (1942) ..... *Professor, Social Studies*
A.B., Woman's College of The University of North Carolina, 1919; M.A., George Peabody College for Teachers, 1932.

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Professor, Education
A.B., Tusculum College, 1938; Th.M., Southern Baptist Theological Seminary, 1943; Ed.D., University of Tennessee, 1955.

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B.S., Purdue University, 1948; M.S., *ibid.*, 1950; Ph.D., *ibid.*, 1952.

J. LOU CARPENTER, A.B., M.S. (1954) ..... *Instructor, Speech*
A.B., DePauw University, 1947; M.S., Purdue University, 1949.

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A.B., Winthrop College, 1921; M.Ed., Duke University, 1941.

WALTON S. COLE, A.B., M.M. (1951) ..... *Associate Professor, Music*
A.B., Southwestern (Memphis), 1943; M.M., University of Arizona, 1950.

FRANCIS C. COOK, B.A., M.A. (1952) .... *Associate Professor, English*
B.A., University of Texas, 1932; M.A., *ibid.*, 1932.

LELAND ROSS COOPER, B.S., M.Ed. (1958) ..... *Instructor, Education*
B.S., Clemson College, 1950; M.Ed., University of North Carolina, 1957.

JOHN F. COREY, B.S., M.A. (1958) ..... *Instructor, Education*
B.S., Appalachian State Teachers College, 1955; M.A., *ibid.*, 1957.

GRACE M. COUNCILL, B.S., M.A. (1956)
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B.S., Springfield College, 1941; M.A., New York University, 1951.

F. RAY DERRICK, B.S., M.S., Ph.D. (1946) ..... *Professor, Biology*
B.S., University of South Carolina, 1934; M.S., *ibid.*, 1937; Ph.D., *ibid.*, 1955.

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B.S., Appalachian State Teachers College, 1934; M.A., George Peabody College for Teachers, 1938.

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DAISY WILLIAMS EGGERS, B.S., M.A. (1954) .....*Instructor, English*
B.S., Appalachian State Teachers College, 1938; M.A., *ibid.*, 1953.

GRAYDON P. EGGERS, A.B., A.M., Ph.D. (1927) .....*Professor, English*
A.B., Carson-Newman College, 1927; A.M., Duke University, 1932; Ph.D., *ibid.*, 1938.

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Associate Professor, Music
B.M., Shenandoah Conservatory of Music, 1942; M.M., Cincinnati Conservatory of Music, 1948; M.Ed., University of Cincinnati, 1948.

ELIZABETH FOX, B.M., M.M.Ed. (1957) ....*Assistant Professor, Music*
B.M., North Texas State College, 1945; M.M.Ed., *ibid.*, 1951.

ROBERT G. FRACKER, B.S., M.A. (1959) .....*Instructor, Education*
B.S., East Tennessee State College, 1954; M.A., Appalachian State Teachers College, 1957.

DAVID A. FRENCH, B.S., M.F.A. (1959)
Assistant Professor, Speech and Dramatics
B.S., Kansas State Teachers College (Emporia), 1941; M.F.A., Yale University, 1950.

WILLIAM EDMUND FULMER, A.B., Ed.M., Ed.D. (1955)
Associate Professor, Education
A.B., Catawba College, 1943; Ed.M., The University of South Carolina, 1947; Ed.D., The University of Missouri, 1953.

EDWARD H. GIBSON, III, A.B., M.A., Ph.D. (1959)
Professor, Social Studies
A.B., University of North Carolina, 1932; M.A., *ibid.*, 1937; Ph.D., *ibid.*, 1955.

NOLIE LEE GILBERT, A.B., M.A. (1958)
Instructor, French and English
A.B., University of West Virginia, 1920; M.A., Emory University, 1931.

JAMES BRAXTON HARRIS, A.B., M.A. (1958)
Assistant Professor, Education and Assistant Registrar
A.B., Lenoir Rhyne College, 1949; M.A., Appalachian State Teachers College, 1956.

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* On leave.

MARTHA GREY HAWKINSON, A.B., B.S.S.A., M.A. (1955)
Assistant Professor, Business Education
A.B., Queens College, 1938; B.S.S.A., Queens College, 1939; M.A., Appalachian State Teachers College, 1950.

WALTER A. HAWKINSON, B.S., M.A. (1945)
Associate Professor, Mathematics
B.S., Washington and Jefferson College, 1928; M.A., Appalachian State Teachers College, 1953.

WALTER HEEB, JR., B.S., M.A. (1959) ..... *Instructor, Education*
B.S., East Tennessee State College, 1947; M.A., *ibid.*, 1957.

CLEON HAYNES HODGES, A.B., M.S. (1938)
Associate Professor, Physical Education
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B.S., Appalachian State Teachers College, 1953; M.A., *ibid.*, 1954.

MRS. VERA C. TUNNEL (1943) ..... *Periodicals Librarian*

RESIDENCE COUNSELORS

MISS HELEN STEWART.....*Dauph-Blan Hall*
MRS. MARY E. HARALSON.....*East Hall*
MRS. ANNIE S. MAJETTE.....*East Hall*
MRS. ETHEL G. TYSON.....*East Hall*
MISS MARJORIE KELLEY.....*Lovill Hall*
MRS. ARLIE THOMPSON.....*North Hall*
MRS. HONOR DEE WINKLER.....*White Hall*
KENNETH E. HAYES.....*College Hall*
WILBUR HARDIN.....*Justice Hall*
MRS. MARY EDITH BELL.....*Newland Hall*

ADMINISTRATIVE EMPLOYEES

PRESIDENT'S OFFICE

Mrs. Earleen G. Pritchett.....*Secretary to the President*

VICE-PRESIDENT AND COMPTROLLER

Mrs. Ruth Redmond.....*Accounting Clerk*
Mrs. Melba Tugman, B.S.....*Cashier and Secretary*
Mrs. Maude Carroll.....*Accounting Clerk*
*Ned Trivett, B. S.....*Veterans' Affairs and Accountant*
Mrs. Eloise Bagley.....*Secretary*
Mrs. Donna Sink.....*Typist*
C. C. Coffey.....*Accountant*
Jack Williams.....*Accountant*
Mrs. Lorene M. Gibson, A.B.....*Typist*

DEAN'S OFFICE

Helen Parker, B.S.....*Typist*
Mrs. Elizabeth Triplett.....*Secretary*

REGISTRAR'S OFFICE

Braxton Harris, A.B., M.A.....*Assistant Registrar*
Mrs. Catherine Ross.....*Secretary*
Mrs. Lorene Barnes, B.S.....*Typist*
Mrs. Dianne Greene.....*Typist*
Mrs. Becky E. Younce.....*Typist*
Mrs. Betty Harmon Stansberry.....*Typist*

DIRECTOR OF GRADUATE STUDIES

Mrs. Jackie Williams .....*Secretary*

DIRECTOR OF SUMMER SESSIONS, EXTENSION, FIELD SERVICES, AND RESEARCH

Mrs. Janie E. Gibson, B.S.....*Secretary*

* On leave, 1959-60.

PLACEMENT OFFICE

Harriet Gentry ..... *Secretary*

STUDENT TEACHING OFFICE

Mrs. Mary Lee Cooper, B.S., S.A. ..... *Secretary*

PERSONNEL OFFICE

Mrs. Carrie H. Bingham ..... *Typist*

SUPERVISORS

John Welborn, A.D.A. Cert. ..... *Manager of Cafeteria*
S. M. Ayers ..... *Electrical Engineer*
Floyd Hagaman ..... *Farm Manager*
Howard J. Cottrell ..... *Manager of Book Store*
Crater Marsh ..... *Superintendent of Buildings and Grounds*
T. C. Beach ..... *Superintendent of Laundry*
Milton W. Moretz ..... *Acting Maintenance Engineer*
Mrs. Zeb Shook, R.N. ..... *Nurse*
Mrs. Nina M. Martin, R.N. ..... *Nurse*

LOCATION

Boone, the home of Appalachian State Teachers College, located on the crest of the Blue Ridge Mountains at an elevation of 3,333 feet above sea level, with a population of more than 3,000, is the county seat of Watauga County.

In this county, at the foothills of the Grandfather Mountain, the headwaters of four great rivers have their sources. They go their respective ways to the ocean: the Yadkin flowing eastward, and the Catawba southward to the Atlantic; the Watauga westward into the Tennessee, and the New River northward into the Ohio and finally into the Gulf of Mexico.

Boone is accessible over excellent highways and in easy distances of all of North Carolina and much of the South. United States Highways 221, 321, and 421 intersect and lead out from Boone. The town is within five miles of the Blue Ridge Parkway, which connects the Shenandoah and the Smoky Mountain National Parks. It is nine miles from the famous Blowing Rock.

Distances from Boone to nearby state capitals are: Columbia, 194 miles; Atlanta, 300; Nashville, 355; Richmond, 300; and Raleigh, 194.

Some other distances are: Washington, D. C., 435 miles; Knoxville, 185; Spartanburg, 114; Winston-Salem, 91; Greensboro, 119; Salisbury, 100; Charlotte, 100; and Asheville, 95.

HISTORY

Appalachian State Teachers College had its beginning in the summer of 1899. A group of Watauga County citizens, under the leadership of D. D. Dougherty and B. B. Dougherty, began a movement to establish a school at Boone. Land was donated by D. B. Dougherty, father of the leaders in the enterprise, and by J. F. Hardin, a prominent citizen of the town. A frame building was erected by contributions from citizens of Boone and Watauga County. A list of these contributors is preserved in the library.

In the fall of 1899, D. D. Dougherty and B. B. Dougherty, acting as co-principals, with Mrs. D. D. Dougherty as teacher of primary work, began the school in an old building about thirty by forty feet. There was one room below and one above, with a covered stairway on the outside. The windows and doors below were all gone. The equipment consisted of a small homemade teacher's desk and homemade seats. At Christmas the schools was moved into a new building to be known as Watauga Academy. Only two classrooms were finished. For four years the passing of each summer marked the completion of an additional room. There were fifty-five students in the school district, none of whom were above the third grade.

This co-principalship continued until 1903. D. D. Dougherty administered the school and taught, while B. B. Dougherty was Superintendent of Education for Watauga County, teaching only in the spring after the public schools had closed, and in the summer session. During this time the local public school was taught in connection with the Watauga Academy by Mr. and Mrs. D. D. Dougherty, who received a joint salary of $25 per month for four months each year.

A summer school was regularly maintained. Many teachers from Watauga and adjoining counties attended. Courses were offered in methods of teaching arithmetic, spelling, history, and geography. Committees from the larger schools sought out and employed the teachers trained here. There was a great educational awakening in Western North Carolina.

APPALACHIAN BECOMES A STATE INSTITUTION

[1]"Captain E. F. Lovill and B. B. Dougherty, with W. R. Lovill as typist, one Sunday in the home of Captain Lovill, of Boone, wrote a bill to establish a state institution in northwestern North Carolina. There were no resolutions by teachers' assemblies, or requests from any source to write this bill.

"In the same year, 1903, The Honorable W. C. Newland, of Caldwell County, introduced the bill in the House of the General

[1] Quoted from B. B. Dougherty.

Assembly of North Carolina. The measure, after a hard fight before the Committee on Education, was reported favorably to the House. Here The Honorable R. A. Doughton of Alleghany County, with his powerful influence, joined Mr. Newland in his arguments for the bill. It was passed by a good majority. However, in the Senate the measure was turned down by the Committee on Education, but Senators Clyde R. Hoey, of Cleveland County, R. B. White, of Franklin County, and E. J. Justice, of McDowell County, all young men who distinguished themselves later as orators and as statesmen, signed a minority report and carried the bill to the Senate floor, where on the last day, each made a speech in behalf of the bill that marked the beginning of a larger career for himself. The bill passed by only one vote. A new state institution was thus established."

The following are the two establishing sections of the bill:

"The General Assembly of North Carolina Do Enact:"

"Section 1. That W. C. Fields and A. S. Carson of the County of Alleghany; J. D. Thomas and T. C. Bowie of the County of Ashe; Adolphus Taylor and W. P. Horton, of the County of Wilkes; F. P. Moore and J. M. Barnhardt, of the County of Caldwell; Moses H. Cone and E. F. Lovill, of the County of Watauga; J. R. Pritchard and T. A. Love, of the County of Mitchell, and J. B. Ray and E. F. Watson, of the County of Yancey, are hereby created a body politic and corporate under the name of The Appalachian Training School for Teachers, and as such may sue and be sued, implead and be impleaded in all the courts of the State, may purchase and hold real estate, receive donations, and do all things useful and necessary to carry out the true intent and meaning of this act.

"Section 2. That the said board of trustees shall meet in the town of Blowing Rock, in the County of Watauga, in the month of May, after the passage of this act, at the call of the Superintendent of Public Instruction of North Carolina, and shall organize by electing a president, a secretary, and a treasurer, and shall meet annually thereafter at a time and place to be fixed by said board."

Other sections state that $2,000 shall be appropriated annually for maintenance; that $1,500 shall be appropriated for buildings when a like amount is paid by private contributors; and that tuition shall be free to those who pledge themselves to teach in the public schools of the State for two years.

DEVELOPMENT

Dr. J. Y. Joyner, State Superintendent of Public Instruction, in accordance with the provision of the Charter, called a meeting of the Board of Trustees. Captain E. F. Lovill was elected President of the Board, which position he held with great credit until his death in 1925. F. P. Moore, J. M. Barnhardt, and Moses H. Cone were named as the Executive Committee.

Citizens from Jefferson, Globe, Blowing Rock, Montezuma, Valle Crucis, and Boone offered inducements to have the school located in their respective community. The people from Boone offered the Watauga Academy, equipment, and grounds. The trustees voted to locate the school at Boone.

The appropriations for buildings were made for the first six years, on condition that a like amount should first be contributed by private citizens. B. B. Dougherty was elected financial agent. He immediately began a campaign for donations. Practically everyone in the Boone vicinity helped. He then canvassed the county with great success. The financial agent was so pleased with the desire of the Watauga people for something better than they had known, that he visited the adjoining counties. Everywhere he received small, but many donations. Moses H. Cone, of Greensboro and Blowing Rock, made the largest contribution. At one time he gave $5.00; at another time, $500. Honorable R. Z. Linney of Taylorsville, gave $500. A visit by the financial agent to Washington, Philadelphia, and New York was successful. All told, people in nearly every state east of the Mississippi River made contributions.

The trustees of the new school met in Boone in June, 1903, and elected B. B. Dougherty, Superintendent; D. D. Dougherty, Principal; and W. C. Coffey, Treasurer. For twenty-two years there followed a period of steady growth, academic development, and valuable service to the State.

In 1925 the Legislature changed the name to Appalachian State Normal School and greatly increased the appropriations for both maintenance and permanent improvements. In this year Superintendant B. B. Dougherty was elected President, and Principal D. D. Dougherty was elected Business Manager and Treasurer. Unparalleled growth along all lines followed. Four years later, 1929, the plant and property had reached a value of more than $1,000,000. The Legislature revised the charter and changed the name to Appalachian State Teachers College, increased the appropriation for maintenance, and authorized the trustees to "confer or cause to be conferred such degrees as are usually conferred by similar institutions in America." B. B. Dougherty was continued as President; D. D. Dougherty was continued as Business Manager and Treasurer. The latter was not permitted long to enjoy the

larger institution. He died June 10, 1929, the very day of the registration for the new college. His work was then taken up by Mrs. D. D. Dougherty, and is now in the hands of their son, Barnard Dougherty.

Dr. B. B. Dougherty resigned as President at the end of the school year in 1955, and Dr. J. D. Rankin, Dean of the College, was elected by the Board of Trustees to serve as President until a new President could be chosen. At the same time David Barnard Dougherty was appointed Vice-President and Comptroller of the college. Dr. William H. Plemmons was elected as President by the Board of Trustees, and began his service at the beginning of the fall term in 1955. He was officially inaugurated as President on April 24, 1956.

Buildings and Grounds

The campus proper is a thirty-five acre tract in the town of Boone.

Administration Building. This building contains the central auditorium, administrative offices, and the departments of Languages and Social Studies.

Science Building. This building houses the departments of Science and Mathematics.

Home Economics Building. The former Administration Building provides facilities for Home Economics.

Physical Education Buildings. Three buildings are utilized for the program of Health, Physical Education, and Recreation. The New Physical Education Building was opened for use in November, 1955. This building contains a large gymnasium, modern swimming pool, classrooms, offices, audio-visual room, and adequate shower and locker rooms for men and women. Overnight accommodations are also provided in this building for visiting groups.

Two gymnasiums, a swimming pool, offices, classrooms, showers, and locker rooms are available in the other two Physical Education Buildings which have been in use prior to the acquisition of the new building.

Additional facilities are provided by eight all-weather tennis courts and two playing fields, including the football stadium and the baseball field.

Appalachian Laboratory Schools. Appalachian High School and the Appalachian Elementary School are located on the college campus. The buildings are equipped for a thorough program of observation and student teaching.

EDUCATION BUILDING. The departments of Education, Psychology, Business Education, and the Audio-Visual Center are housed in this building.

LIBRARIES. The D. D. Dougherty Library Building has a book capacity of 150,000 volumes, and now contains 90,000. An extension to this building provides a Curriculum Library, a Juvenile Library, and the Department of Library Science.

The libraries of the laboratory schools and the Music Library are also used by college students.

FINE ARTS BUILDING. This building accommodates the Department of Music and the Division of Public School Art.

FACULTY APARTMENTS. Thirty-three efficiency apartments in this building are available for faculty members.

LOVILL HALL. A dormitory accommodating one hundred and thirty women students.

WHITE HALL. A dormitory accommodating one hundred and twenty-eight women students.

DAUPH-BLAN HALL. A dormitory accommodating one hundred and forty-four women students.

EAST HALL. A dormitory accommodating three hundred and seventy-six women students.

NORTH HALL. A dormitory accommodating one hundred and twenty-five women students.

NEWLAND HALL. A dormitory accommodating one hundred and thirty-two men students.

JUSTICE HALL. A dormitory accommodating three hundred and twenty-two men students.

COLLEGE HALL. A renovated hotel contains rooms for twenty-five men students.

FACULTY HOMES. Located near the campus are sixteen homes for the use of faculty members.

CAFETERIA. A splendidly equipped cafeteria is maintained by the college.

COLLEGE BOOK STORE. The College Book Store, operated by the college for the convenience of students and faculty, is equipped with fountain service and handles books and supplies.

EMPLOYEES' HOMES. Several college-owned homes near the campus are occupied by employees of the college.

POWER PLANT. Power, heat, and light are furnished by two plants. One, a hydro-electric plant, is located on New River be-

tween Boone and Blowing Rock. The other, a steam plant, is on the campus.

LAUNDRY AND SERVICE BUILDING. In this building are housed a modern laundry and dry-cleaning plant, the office and shop of the Superintendent of Buildings and Grounds, the office and shop of the Maintenance Engineer, a storeroom, and the college garage.

COLLEGE FARMS. The college owns two farms of over two hundred acres each. These farms supply some of the meats and all of the milk used in the cafeteria.

PURPOSE AND PHILOSOPHY

Appalachian State Teachers College has as its primary aim the education of future teachers, principals, supervisors, superintendents, and other school personnel for the state of North Carolina and to offer further education and service to such personnel as are already in the profession.

The administration and staff are engaged in a continuous curriculum study in order to develop and maintain a program of teacher education that will qualify each prospective teacher for effective service in the schools of North Carolina. The curriculum is designed to give each student (1) a broad background in general education; (2) a depth of understanding in one or more fields of special interest; (3) a thorough understanding of professional education to include specialized methods, techniques, and principles useful in the teaching profession; and (4) a pattern of wholesome cooperative democratic living. Through study and experience in these four areas each student will be helped to develop a sound philosophy of life and of education.

The continuation and advancement of our democratic way of life depend largely upon the education that children receive in the schools; therefore the college, through initial selection and continued guidance, strives to prepare teachers with vision and courage who desire and are able to improve the quality of education for children. Since each student has a different background and progresses at his own rate toward those attainments needed for the teaching profession, the faculty realizes that initial selection and guidance will not eliminate the necessity for caring for individual differences among students.

The college realizes that to a large extent future success for students in the teaching profession depends upon skills and attitudes developed at the time the student is in college. Experiences in aud out of class are designed to help students become more enlightened and effective citizens. Therefore the college sponsors a wide variety of extra-class activities in order to assist in the total development of each student.

College Organization

Normally each curriculum is organized on the basis of four college years of nine months each. Each year is divided into three quarters of three months each. These years carry the traditional names: freshman, sophomore, junior, and senior. While these statements are true it does not follow that students are required to observe the sequence. Many elect to complete the work in three calendar years by making up one year in three summer sessions, each of which is equivalent to one quarter. A year's work requires three full quarters to complete.

The courses in the catalog are numbered according to years, as follows: freshman courses 100 to 199, sophomore courses 200 to 299, junior courses 300 to 399, senior courses 401 to 449, senior-graduate courses 450 to 499, graduate courses 500 and above.

Graduate Work

Graduate work leading to the Master of Arts degree is offered. All students who expect to become candidates for the Master's degree will major in Education, Counseling, Library Science, Music, Biology, Mathematics, Social Studies, Physical Education, Business Education, or English. They may select their minors from Biology, Business Education, English, Library Science, Mathematics, Music, Physical Education, Social Studies, or Education. The work for the Master's degree may be completed in three quarters.

The summer catalog is available in March and will also carry full information concerning the graduate work. A copy may be obtained by writing to the Director of Summer Sessions.

DEPARTMENT OF EXTENSION, FIELD SERVICES, AND RESEARCH

The college offers work to facilitate the in-service education of public school personnel. These classes or workshops are organized in off-campus centers each quarter at the request of supervisors or administrators of local school systems. Usually one six-quarter-hour course or two three-quarter-hour courses are offered at each place and time. Persons interested in having the college offer extension work in their area should write to the Director of the department.

SATURDAY CLASSES

The college offers a limited number of classes on campus on Saturdays during the fall and spring quarters. Full information concerning Saturday classes may be obtained by writing to the Director of Extension, Field Services, and Research.

SOME OBLIGATIONS

The College

(1) The college owes to the students a wholesome environment in which to study.
(2) The college owes to the students an excellent instructional program.
(3) The college owes to the students every advantage to be found in sympathetic guidance.

The Students

(1) The students owe to the college and to themselves their heartiest co-operation in establishing an environment conducive to study.
(2) The students owe to the college and to themselves their greatest efforts in acquiring and assimilating new knowledge.
(3) The students owe to the college and to themselves an open attitude in accepting suggestions and in adjusting themselves to college life.

EXPENSES

Out-of-State Students

The residence of a student is presumed to be the same as that of his parents.

Ownership of property or payment of taxes in North Carolina does not qualify a person as a resident.

All students, except residents of North Carolina, must pay out-of-state fee.

Students are expected to state correctly their home addresses on both application for admission and registration blanks. Students who are in doubt as to their out-of-state residence should determine their status in consultation with the Registrar and Vice-President before registration.

A—College Fees

To be paid at the beginning of each quarter:		
Registration	$ 10.00	
Tuition for North Carolina Students	40.00	
Fee for Out-of-State Students	70.00	
Total for North Carolina Students		$ 50.00
Total for Out-of-State Students		120.00

B—Living Expenses

Room, heat, light, water, and service	$ 36.00	to	$ 45.00
Cafeteria (minimum)	75.00		75.00
Laundry, pressing (minimum), Men	12.00		12.00
Laundry, pressing (minimum), Women	9.00		9.00
Men	$123.00		$132.00
Women	$120.00		$129.00

Rooms: (Charges per term.)

Lovill Hall	$36.00
White Hall	36.00
Daugh-Blan Hall	36.00
Except the private rooms which are	45.00
East Hall	36.00
Except the private rooms which are	45.00
Newland Hall	$36.00
Except the private rooms which are	45.00
Justice Hall	36.00
Except the private rooms which are	45.00

The college reserves the right to change the above charges any time that it becomes necessary.

The room reservation fee of $20.00 is deductible from the room rent charge at opening of first term in residence. Fee is not refundable after August 1, 1960.

All students living in the dormitories are required to purchase the minimum number of meal tickets from the college at the time of registration.

C—Student Welfare

Student welfare fee ..... $ 8.25
(Includes: gymnasium; lyceum and forensic activity; hospitalization; and Student Council Activity.)

D—Student Activities

Student activity fee $20.80
(Includes: *Appalachian, Rhododendron,* athletic, and book rental fees.)

Contingent Fees

A charge of five dollars is made for late registration of one day after the day set aside as registration day, with an increase of one dollar for each additional day, the total not to exceed ten dollars.

For change of course of study	$ 1.00
For change of room after registration	1.00
Student Teaching Fee	15.00
Cap and gown fees:	
Bachelor's degree	4.00
Master's degree	8.00
Diploma fees:	
Bachelor's degree	6.00
Master's degree	10.00
National Teacher Examination, as charged by Educational Testing Service:	
Common	9.00
Common and one optional	11.00
Common and two optional	13.00
Home Management House	120.00
Tuition per hour above 18 hours	4.00

Music per Half-hour Lesson per Week

Private lessons, any instrument or voice	$ 15.00
Practice rooms, voice, piano, organ, first quarter hour	5.00
Each additional quarter hour	2.50
Practice rooms, strings, wind, percussion, first quarter hour	2.50
Each additional quarter hour	1.25
Class lessons, any instrument, per quarter hour	9.00

Korean Veterans

Korean veterans must arrange eligibility for benefits prior to registration for college work. The Veterans Administration pays established rates to each trainee and he in turn pays the college for all expenses incurred.

REFUNDS AND WITHDRAWALS

A student who, for any reason, withdraws from the college before the end of any quarter will have a proportionate part of the amount paid for board refunded. If a student withdraws before registration for the quarter is closed, one-half of the fees for room and tuition will also be refunded. Refunds will be calculated from the date of the official withdrawal from the college.

A student who withdraws from the college should have the consent of his parents or his guardian and must have the approval of the Dean.

HOUSING

Owing to a shortage of dormitory space, some students may find it necessary to secure rooms in town. An approved list of housing facilities may be secured from the office of the Vice-President and Comptroller. Women students who desire to room off campus, not living at home or with close relatives, must secure permission from the Dean of Women to room in town.

Men students who desire to room off campus, not living at home or with close relatives, must be so registered with the Dean of Men.

BOOKS

All textbooks are furnished to undergraduate students by the College Book Store on a rental basis. Under the plan each student pays a flat fee of $10.30 per quarter, which entitles him to the textbooks used in each course for which he registers. At the end of the quarter all books are checked into the Book Store and new books issued according to need. This does not include free notebooks, workbooks, manuals, and the like. Students desiring to own their textbooks in courses for which they are registered may buy them.

SPECIAL NOTICE

Any student desiring to make special arrangements for payment of his account should do so one week prior to the opening of any quarter.

Students will be expected to take care of all accounts and fines before taking final examinations at the close of each quarter.

No degree, certificate, or transcript will be given to a student until all bills due the college, except current loans, have been paid. All charges must be paid or proper arrangements made, and all books must be returned to the College Book Store before a student may register for any new quarter.

TRANSCRIPTS

The college will furnish to the student, free of charge, three copies of his scholastic record including the one sent to the State Department of Education at Raleigh. Additional copies of the student's record will cost $1.00 each.

All transcripts showing graduation with the Bachelor of Science degree are expected to bear this notation:

This is to certify that (name) has satisfactorily completed the regular National Council for Accreditation of Teacher Education accredited program of this institution for the preparation of teachers and that (he or she) is specifically prepared to teach (subject). This applicant has met all other appropriate standards of this institution which are required for full recommendation for teaching.

SELF-HELP WORK

Some self-help work is available. Students desiring to make application for this type of aid should write to the office of the Vice-President and Comptroller for a form on which to make application.

LOAN FUNDS

PURPOSE

Appalachian State Teachers College has been ambitious to establish loan funds to aid *needy* and *worthy* students. These funds are not intended as *gifts* but as *loans.*

When a student borrows money from any of these funds, he will give his note and will promise to pay it from the first money he earns. He is under as much obligation to pay this note as he would be to pay a bank note. These funds are to be revolving funds. To illustrate: When $100 is lent to a student, he pays it back with interest. This money is lent to another student, and he pays it back with interest, and so on. Then the same money, in time, may help many students to get an education. The college has the same interest in protecting these funds as it had in securing them.

The loan funds, at present, are not sufficient to meet all the requests. As a rule, a student should have been in college one or

two years before he makes application for a loan. There is a Student Aid Committee that approves or disapproves all applications. Scholarship and student government records are considered in the awarding of loans.

How To Borrow Money

Before applying to the college for a loan, a student should:

(1) Try to arrange with friends at home to borrow money.
(2) Try for private work.

If he should fail in each of these, he may apply to the Student Aid Committee. This Committee will take into consideration his cumulative record in college and his habits of thrift and economy. If his record is satisfactory and if the money is available, a loan will be made.

All notes should be signed by two responsible people other than parents, and should be executed two weeks before registration day.

Milton Loan Fund

This fund of $100 is contributed by Mrs. David Milton of New York and Blowing Rock.

Rhododendron Loan Fund

This fund, which amounts to $2,500 is derived from the yearly surplus in the publication of the annual.

Student Loan Fund

This is an accumulation of approximately $5,000, supplemented yearly by the outgoing class with the funds from entertainments.

Frances L. Goodrich Loan Fund

This fund was contributed by the Trustees of Asheville College and is subject to return to the Frances L. Goodrich Loan Fund of Asheville College if a fully accredited four-year college is opened in Asheville. Loans are restricted to $300 per year and are available only to Juniors and Seniors.

Middle Fork Loan Fund

This fund now amounts to approximately $60,000. It was set up by act of the legislature of North Carolina and is an accumulation of revenues above actual maintenance cost of the New River Light and Power Company.

Nora E. Edmondson Loan Fund

This fund of $500 was donated by Mrs. Bertie E. Perkins in memory of her sister, Miss Nora E. Edmondson, who at the time of her death was the oldest graduate of the college, and who from her first visit in 1942 until her death, was one of its most loyal and devoted friends. (Available for the use of graduate students only.)

Charles F. Carroll Scholarship Loan Fund

This fund of $125 was donated by the State Superintendent of Public Instruction to be used by any student (s) of character, scholarship, and economic need.

W. J. Waters Graduate Loan Fund

This loan fund of $500 was donated by Mr. W. J. Waters for the use of graduate students only.

Library Science Loan Fund

This loan fund is a gift of Miss Eunice Query and Miss Madge Rhyne, members of the Appalachian faculty.

National Defense Education Act Loan Fund

The college participates in the Student Loan Fund Program established by the National Defense Education Act of 1958.

James G. K. McClure Scholarships

For the 1960-1961 school year this fund awards five $200 scholarships to students from designated western counties. Recipients are restricted to freshmen who give promise of intellectual attainment, show evidence of Christian character, and are in need of this aid.

GENERAL INFORMATION

HEALTH SERVICE

Appalachian recognizes the value of health as a basis of successful living. The man or woman unable to stand the strain of competitive activity is poorly prepared for life. All applicants for admission to Appalachian State Teachers College should be in good health.

As a part of our health service the college maintains a close relationship with Watauga Hospital. Through these agencies the following services are provided:

1. Consultation on health matters at any time and dispensary treatments when in the opinion of the nurse such service is needed.
2. Correction of remediable defects when this involves exercise only.
3. Practical personal and community hygiene courses are required of all students, in connection with physical education.

HOSPITALIZATION

The Watauga Hospital, adjoining the campus, is used as the college infirmary. Any student who becomes ill will be admitted to the hospital by direction of the physician of his choice. The college will pay the following charges for a period of seven days during each quarter of the regular session: board and room, general nursing care, and the cost of the operating room for an emergency operation. The college will not be responsible for any charges other than those listed above.

This applies only when the school is in session from September to May and does not include operations or illness during holidays stated in the catalog.

INSURANCE

For some years the college has been able to offer its students an opportunity to get inexpensive accident insurance. Specific details are sent to each prospective new student and all of the returning students in August.

ATHLETICS

Amateur athletics for young women and young men are encouraged as an outgrowth of our physical education program. Athletic teams are not developed solely to win games, but to create and develop a greater interest in true sportsmanship and honest competition. Each student is encouraged to take part in some sport that will carry over in his life after he leaves school, and that will help him to keep physically fit and mentally alert.

Athletic teams compete in the following intercollegiate sports: football, basketball, wrestling, baseball, tennis, and golf. The college is a member of the North State Athletic Association.

The management of athletics is under the control of a faculty committee.

RELIGIOUS LIFE

This institution feels a deep responsibility for the religious welfare of students and endeavors to maintain high ethical and Christian standards. The Advent Christian, Baptist, Church of Christ, Episcopal, Lutheran, Methodist, Presbyterian, and Roman Catholic churches have congregations here. The churches are doing excellent work for the young people through their church schools and young people's organizations. Each student is encouraged to attend the church of his own choice.

There are active on-campus organizations of the Young Women's Christian Association, the Young Men's Christian Association, and an inter-denominational Religious Council which coordinates the religious activities of the college, including an annual Religious Emphasis Week.

SOCIAL LIFE

The social calendar for the year, aside from varied and comprehensive intercollegiate and intramural programs in sports and physical education, includes: formal and informal dances, parties, receptions, dinners, and teas; lectures, programs by the divisions of music, dramatics, and home economics; Spring Festival, interclass parties, and the like. In addition, there are several lyceum programs in which well-known artists appear.

GUIDANCE SERVICES

Each freshman is assigned an advisor who will aid in selection of courses necessary for the fulfillment of his educational objectives, give special help in self-analysis, and aid in making necessary adjustment to college life.

A counseling center is maintained for the use of all students and is staffed with capable and qualified professional counselors. Serious cases are referred to specialist for consultation.

The guidance services of the college function as an integral part of the educational program. The aim is to promote each student's understanding of himself and his potentialities in order that he may develop his capacities to the fullest. In the final analysis, however, each student is responsible for discovering his own needs and abilities and for planning his own program.

Ability and placement tests are administered to all entering freshmen as a part of the guidance services.

READING CENTER

The college operates a reading center on the third floor of the Education Building for persons who need and are interested in diagnostic and remedial help. These services are available at all levels—elementary, secondary, and college. The center also serves as a laboratory for college students where they can observe and get experience in working with students who need help in reading. Persons interested in the services or more information concerning the center should write: Director, Reading Center, Appalachian State Teachers College, Boone, North Carolina.

THE PLACEMENT COMMITTEE

The Placement Committee will make every reasonable effort to assist graduates in securing teaching positions. Two factors are always considered: the community to be served and the teacher to be placed.

The recommending of teachers is done after a study of the records on file in the placement office. These records cover the reported activities of the student in all phases of his college life. Evaluations of the teacher's fitness by the heads of his major department and by his critic teachers are included. If the examination of this information does not point toward successful work in the position being considered, the teacher will not be recommended.

THE STUDENT COUNCIL

In 1939-40 the student participation in government, which before that time was rather unofficial, was organized into the Student Council, made up of nine seniors, seven juniors and four sophomores. The President of the Student Body is ex-officio president of the Student Council. The Council has done excellent work in developing the honor consciousness, general trustworthiness, and the spirit of personal responsibility in the student body.

THE HONOR SYSTEM

The honor system implies that a student is trustworthy and will not violate a pledge or commit a dishonorable act in connection with college life. Every student is expected to conform to the accepted standards of culture and refinement.

Matriculation at Appalachian constitutes a promise on the part of the student:

1. to inform himself concerning the regulations of the college and Student Government, as published in *The Student Handbook* and dormitory booklets.
2. to abide by these regulations so long as he expects to remain in college.

The college reserves the right to request any student whose conduct or general attitude is considered unsatisfactory by the authorities of the college to withdraw from the college, even though no specific charge is made against him.

All students enrolled in college, whether living on campus or living off campus, are subject to the rules of good citizenship and conduct as administered and supervised by the college administration and the Student Council.

WEEK-ENDS

Students are discouraged from spending frequent week-ends away from the campus. This interferes with college work as well other activities. Week-ends should not interfere with class attendance or other college obligations. Young women should secure written permission from their parents to go on off-campus trips other than going home.

Week-end privileges may be withdrawn if a student is failing or for some other reason needs to be restricted.

MOTOR VEHICLES

No freshman, except one who commutes or whose physical condition is such as to warrant otherwise, will be permitted to keep a motor vehicle on the campus.

STUDENT PUBLICATIONS

The College Newspaper

The Appalachian is the college newspaper, published weekly by the students of Appalachian State Teachers College. The editor and business manager are chosen each spring from the rising senior class in a campus-wide vote. Other positions on the staff are filled by members of the student body regardless of classification, who show an interest in journalism.

The Annual

The Rhododendron is the college annual, which is compiled during the school year and distributed to the students in the final weeks of the spring quarter. The editor and business manager are elected each year from the rising senior class by its members. Other staff members are selected from the student body by the editor and business manager.

The Student Handbook

The Student Handbook is sponsored by the Student Council and published annually by the college. This handbook contains the organization and plans of the Student Council and information of interest to the student body.

STUDENT ORGANIZATIONS AND ACTIVITIES

The college has a well-diversified program of club activities, as well as honorary societies, to meet the interests and needs of students in a teachers college. Social sororities and fraternities, therefore, are not permitted.

Governmental Organizations

Student Council
School Council
Women's House Councils
Men's House Councils
Chi Lambda Chi

Music Organizations

College Band
College Choir
Women's Glee Club
College Symphony Orchestra
Appalachian Chorale
Appatones

Intramural Athletics

Archery
Badminton
Basketball
Field Hockey
Folk, Social, and Modern Dance
Horseshoes
Shuffleboard
Soccer
Softball
Speedball
Swimming
Table Tennis
Touch Football
Track and Field
Volleyball
Wrestling

Religious Activities

Denominational organizations
Young Men's Christian Association
Young Women's Christian Association
Religious Council

Student Publications

The Appalachian
The Rhododendron
The Student Handbook

Intercollegiate Activities

Baseball
Basketball
Football
Golf
Tennis
Wrestling

Departmental Clubs

Pi Kappa Delta
International Relations Club
Playcrafters Club
Alpha Psi Omega
Cheerleaders
Collegiate Civic Club
Vernician Society
Men's A Club
Pi Omega Pi
Library Science Club
Home Economics Club
Industrial Arts Club
Mathematics Club
Modern Dance Club
Association of Childhood Education
Science Club
Beta Beta Beta
Flying Fish
Music Education Major Club
Varsouvianna Club
Women's Athletic Association
Veterans Club
Young Democrats Club
Student N.E.A.
Pi Gamma Mu

Members of the student council, class and club officers, nominees for class or campus honors, athletic managers, members of the publications staffs, participants in public programs, cheerleaders, debaters, and any person, other than athletic teams, representing the college off campus, must be selected from those students who average "C" or better and have a good reputation on the campus.

GENERAL REGULATIONS

ADMISSION

The first step in gaining admission to the college is to secure an Application Blank and a Medical Examination Blank from the Registrar. The applicant will return these blanks to the Registrar as soon as they have been properly completed. If the applicant is asking for admission on the basis of high school graduation, the Registrar will undertake to secure the high school record.

If the applicant wishes to transfer from some other college, he should have a complete transcript sent to the Registrar's Office at the time he sends his application. After the transcript is received the applicant will be notified of his acceptance or rejection.

Approved applicants will be notified of the time when they should report at the college. If the applicant is accepted and if he desired to room in a dormitory, he should send the reservation fee of twenty dollars to the office of the Vice-President and Comptroller. Rooms will be assigned in the order in which the reservations are received.

Basis for Admission:

1. Graduates of any North Carolina high school listed as standard will be admitted upon recommendation of the Principal, provided they rank in the upper three quarters of their graduating classes.
2. Beginning with the class entering in the summer and fall quarters of 1961 every freshman will be *requested* to present two units in mathematics, which shall be two units of algebra or one unit of algebra and one unit of plane geometry. For freshmen entering in June 1963 and thereafter the two mathematics units will be *required.*
3. Students from other colleges or universities of recognized standing will be admitted upon presentation of a certificate of honorable dismissal and an official transcript of credit both high school and college, provided the scholastic work at such college or university shows an average grade of "C" on all work attempted. The student will not be required to repeat work which parallels courses offered here. Credit will be accepted with courtesies common among colleges. No credit from other institutions is accepted unless such work is counted toward a degree at the institution where the work was done. Transfer students are required to take at least three three-hour courses or nine quarter hours in each field in which he plans to graduate and qualify for certification.

4. Graduates of standard high schools in other states who rank above the lowest quarter of their graduating classes will be admitted on satisfactory recommendation from their high school principals.
5. Every applicant for admission to the Appalachian State Teachers College should be in good health and possess a sound body. It is not recommended that students enter here suffering from any of the following: valvular heart disease, tuberculosis in any form, epilepsy, or any crippling. Blind persons and persons with a visual handicap which would affect teaching capacity may be approved for only two years.
6. No student will be accepted who has not reached his 16th birthday at the time of registration.

SCHOLARSHIP

Grading System:

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

A—Excellent
B—Good
C—Average
D—Passing
Dr—Class Dropped
F—Failure
I—Incomplete
X—Condition
W—Withdrawn

A report of "Dropped" indicates that the student secured official permission to drop the course.

A report of "Incomplete" means that the student's grade is withheld pending the completion of some required work missed because of sickness or other unavoidable cause.

A report of "Condition" means that the student's grade is withheld pending the completion of some required work in which he is delinquent by his own choice.

A report of "Withdrawn" means that the student has been permitted to drop out of the college.

Quality rating:

Closely connected with the grading system is quality rating Grade points are given as follows:

For grade A, four points per quarter hour.
For grade B, three points per quarter hour.
For grade C, two points per quarter hour.
For grade D, one point per quarter hour.
For grade F, I, X, no points per quarter hour.

Quality ratings are determined by dividing the total number of grade points by the number of hours attempted. These ratings are expressed in percentages. A rating of 200 per cent indicates that the student has an average of "C"; above 200 per cent indicates that he has an average above "C"; below 200 per cent indicates that he has an average below "C." Only work taken at Appalachian State Teachers College is included in computing quality point rating.

Honors:

In order to be graduated a student must have twice as many grade points as hours. If he has three times as many grade points as hours he will be graduated Cum Laude. If he has three and one-half times as many grade points as hours, and no grade below "C," he will be graduated Magna Cum Laude.

Honor Roll:

This roll is made up after the close of each quarter of the regular year. It is composed of those students who make an average grade of "B" with no grades below "C." No one will be placed on the roll who has "Incompletes" or "Conditions" at close of term.

Class Attendance:

1. A student is expected to attend every meeting of his classes.
2. For the second and each additional unexcused class absence, one quality point will be deducted. If, for any reason, a student is absent from twenty per cent of his class meetings, he will automatically receive a grade of "F." Under certain circumstances, such as continued illness, he may appeal to the Executive Committee for the privilege of making up the work missed and receiving credit on the course. Penalties for unexcused absences and the provision for automatic failure do not apply to upperclassmen with a quality point rating of of 300 or above.
3. Excuses will be granted for the following reasons only:
   College-sponsored activities.
   Illness (certified by physician or college nurse).
   Death or extreme hardship in immediate family (at the discretion of the Dean).
4. Unexcused absences from the last class meeting before or the first class meeting after a college holiday will count as double absences.
5. Students registering late will be counted as absent from previous class meetings, unless they are granted special permission to make up the work missed.
6. Unexcused absences from final examinations will result in failure in the work involved.

7. Instructors will report all excused and unexcused absences for each student to the Registrar at the end of each quarter.
8. Excuses for absences will be valid only when signed by the Dean.

Change of Schedule or Courses:

All schedules of work must be approved by the Registrar. After the schedule has been approved, the student may not drop any class or enter a new course without permission from the Dean of the college, who will not consider such application more than six weeks after registration.

Failures, Incompletes, and Conditions:

Any student who has failed a course will be expected to remove the failure by repeating the course at the first opportunity. No failure may be made up by taking the course at another institution without first obtaining the approval of the Registrar.

The teacher may set a time for the removal of "Incompletes" and "Conditions" provided the work is done within three residence quarters. Such grades will become failures if the work has not been made up at the end of that period.

It is permissible for a student to repeat a course in order to raise his grade. The last grade earned will be placed on the permanent record.

No grade except an "Incomplete" or a "Condition" may be changed without repeating the course.

Several factors determine the amount of work students may carry during any quarter. A maximum load of eighteen class hours per week may be carried.

No student with a quality rating below 165, and in attendance for as many as three quarters and less than seven quarters, will be allowed to reregister during the regular year; and no student with a quality point rating of below 200, and in attendance as many as six quarters, will be allowed to reregister during the regular year. Should the student's rating drop during any quarter, one quarter will, with special permission from the Dean of the college, usually be allowed for making up the deficiency.

Unless a student passes twelve quarter hours of work in any quarter he is not eligible to register for the following quarter without special permission from the Executive Committee.

CLASSIFICATION

The following principles will be observed in the classification of students:

A FRESHMAN:

1. Will have met all the requirements for entrance: Application for Admission, Certificate of Recommendation, and Freshman tests.

A SOPHOMORE:

1. Will have been in attendance as much as three quarters.
2. Will have completed at least fifteen hours for each quarter in attendance.
3. Will have quality rating of 165 per cent or more.
4. Will maintain a quality rating of 165 per cent for each quarter or be ineligible to reregister.

A JUNIOR:

1. Will have been in attendance as much as six quarters.
2. Will have completed at least fifteen hours for each quarter in attendance.
3. Will lack not more than six quarter hours on the Freshman and Sophomore levels in his curriculum.
4. Will have a quality rating of 200 per cent or more.
5. Will have a quality rating of 200 per cent during each quarter or be ineligible to reregister without special permission from the Executive Committee.

A SENIOR:

1. Will have been in attendance as much as nine quarters.
2. Will have completed as much as 145 quarter hours.
3. Will have completed all Freshman and Sophomore courses in his curriculum.
4. Will have a quality rating of 200 per cent or more.
5. Will have a quality rating of 200 per cent during each quarter or be ineligible to reregister without special permission from the Executive Committee.

A SPECIAL STUDENT:

1. Will present a State Certificate to teach issued by any State, a statement of high school graduation, or a transcript of record from another college, and be approved by Admissions Committee.
2. May elect with the approval of the Registrar and Dean, his own program of studies, provided he observes prerequisite requirements.

3. May not register for more than six quarters without asking for classification in some curriculum leading to the degree.
4. Will otherwise be subject to college regulations, including assembly attendance.

REQUIREMENTS FOR DEGREE

The Bachelor of Science degree is conferred by the college when the student has shown satisfactory development in the following:

1. Academic training.
2. The science and the art of teaching.
3. The science and the art of behavior.
4. Possession of a pleasing and attractive personality.
5. Exercise of good judgment.

Attendance for four scholastic years or the equivalent thereof is required for graduation. Exception will be made in this requirement if the student has a quality rating of 250 per cent or more. At least one year of attendance must be at Appalachian, and one quarter of this year should be completed during the regular session—September to May—provided that in-service teachers may meet resident requirements by summer attendance, provided further that arrangements are made before the beginning of the last three quarters. The last quarter in residence must be at Appalachian.

The college reserves to itself the right to refuse graduation to any one whom it deems unworthy of the diploma of the institution, or unsuitable to be a teacher in the public schools. Admission to college does not carry with it admission for graduation.

The number of quarter hours required for the degree is 197.

The quality rating of the student's entire record must be at least 200 per cent, provided he averages at least 200 per cent on his major and methods courses.

Graduation in eleven quarters will be permitted, provided, the student has met degree requirements and has a quality point rating of at least 300 per cent.

Graduation in eleven and one-half quarters will be permitted, provided, the student has met degree requirements and has a quality point rating of at least 250 per cent.

Not more than forty-five quarter hours of correspondence and extension work may be credited toward meeting the requirements for the degree.

To be eligible for the degree the student must have met the North Carolina certification requirements in his chosen field.

Degrees are conferred twice each year: at the close of the spring quarter and at the close of the summer quarter. Candidates for degrees are expected to file formal application for degrees on blanks

provided by the Registrar. *Applications for degrees and North Carolina certificates are to be filed before the close of the term immediately preceding the last term in residence. At the time of filing the applications all requirements except current work should be completed.*

All candidates for degrees at any commencement are expected to be present to receive their degrees in person unless excused by the President of the college.

NATIONAL TEACHER EXAMINATION

Beginning with the 1950-51 session all candidates for the Bachelor of Science degree are required to take the National Teacher Examination. Only the Common Examination will be required of all graduates. Certain candidates are required to take the Optional Examinations in their fields. The fees charged will be those advertised by the Educational Testing Service, Princeton, New Jersey.

THE LABORATORY SCHOOLS

The laboratory schools, both elementary and high school, are under the general control of the college. They are housed in separate buildings on the campus.

The elementary school has an enrollment of six hundred three children. The faculty is composed of twenty-three supervising and demonstration teachers and is supervised by the principal. The building is especially constructed to facilitate professional laboratory experiences. In addition to the usual equipment, there are visual education facilities and a children's library of approximately five thousand books.

The secondary school has an enrollment of four hundred ninety-five children. The faculty is composed of twenty-three supervising and demonstration teachers and is supervised by a principal. This school is also used to provide professional laboratory experiences. The equipment of the school includes an auditorium, gymnasium, agricultural shop, and a library of over two thousand volumes.

STUDENT TEACHING

During the fall, winter, or spring term of the senior year each student is expected to do student teaching in the field for which he has been preparing. This work will consist of full-time teaching under the guidance of a competent and experienced teacher. The student will spend full time in the school where he does his student teaching and his formal teaching load will be gradually increased until he has an opportunity to carry from one-half to all of the teaching load of his supervising teacher. The student

teaching course will give the student professional laboratory experiences in the same activities in which the regular teacher engages. Thus in addition to the regular classroom teaching activities the student will experience and share in the extra-curricular activities of the school, community activities, professional activities such as faculty meetings, routine activities, such as making reports, and meeting and working with parents.

Student teaching will be done either in the laboratory schools of Appalachian State Teachers College or in approved off-campus schools. The assignment of a student to a particular school or laboratory situation will be based upon the needs, interests, and abilities of the individual student, and the characteristics of the particular school.

Student teacher assignments in off-campus schools will conform to the local schedule with reference to the Thanksgiving, Christmas, and Easter holidays. Student teachers who will graduate at the end of their student teaching experience will be given one day off during the quarter to complete arrangements for graduation at the college. Graduating seniors assigned to student teaching in the spring quarter will be released on the Tuesday preceding the annual spring closing.

Conditions Prerequisite to Student Teaching

Students who are trying to graduate in three calendar years and who need to do student teaching in the fall quarter may register for the work in the ninth quarter. Other students must have full senior classification.

I. These requirements must be met prior to student teaching:
   1. Application must be filed during winter quarter preceding the school year in which the student expects to do student teaching (year, September 1 to August 31).
   2. The completion of at least two-thirds of all required content work in general education and fields of concentration.
   3. Completion of Education 301-302-303 and Psychology 301-302-303; an arithmetic and a reading methods for elementary candidates and at least one methods course for secondary candidates.

II. These requirements must be satisfied one quarter in advance of student teaching:
   1. Must attain and maintain a quality point rating of at least 200—overall and in teaching fields.
   2. Must remove all "Incompletes," "Conditions," and "Failures" on required courses; however, when such deficiencies are removed at the first opportunity after the grade was made and prior to student teaching, and when student teaching con-

stitutes the only remaining requirement for graduation, then a student may be considered eligible for student teaching.

3. Must complete all courses required during the freshman and sophomore years (special consideration will be given to transfer students).

At least two faculty ratings must be submitted for each candidate prior to student teaching assignment. These ratings will be secured by the office of student teaching from the heads of the departments of the student's fields of concentration. Students will not be assigned to student teaching duties in fields in which they are not recommended by the department head.

The Student Teaching Committee will not assign students who, in their judgment, will be ineffective as teachers because of physical, moral, or social characteristics. Each applicant shall be able to give full time for one quarter to student teaching. These regulations shall be in force for all students admitted to the college after September, 1948.

HONOR TEACHING AND SUBSTITUTE TEACHING

A student teacher who shows exceptional initiative, and scholarship, and who is exceptional as a teacher may be designated as an Honor Teacher. Student teachers so designated must be recommended by the supervising teacher, the principal, and the Director of Student Teaching and have a quality point rating of 300 or above. Each quarter arrangements will be made for a limited number to do Honor Teaching in the campus schools. This experience shall carry elective credit of four hours and will be entered on the transcript as Education 455. Those who do not have an opportunity to participate in Honor Teaching due to graduation or lack of facilities will be appropriately identified as Honor Teachers on their college records.

Those students recommended for Honor Teaching, but who have a quality point rating below 300, but more than 250 have the opportunity of registering for Education 418, Substitute Teaching, which carries three hours credit. Even though facilities are not available for all who are so designated, the honor will be entered on their official college records.

COURSES OF STUDY

The college offers curricula leading to the Bachelor of Science degree in the following fields:

1. Primary Education
2. Primary Education and and Library Science
3. Grammar Grade Education
4. Grammar Grade Education and Library Science
5. High School Education in any combination of the following fields:*

   Business Education
   Chemistry
   English
   French
   Library Science
   Mathematics
   Physical Education
   Science
   Social Studies
   Spanish

6. Home Economics
7. Industrial Arts
8. Music

* Single preparation is available in any of these fields except Physical Education.

UNIFORM CURRICULUM FOR FRESHMMAN YEAR, EXCEPTING MUSIC MAJORS

FALL QUARTER	WINTER QUARTER	SPRING QUARTER
Freshman	**Freshman**	**Freshman**
English 101	English 102	English 103
History 101	History 102	History 103
Science*	Science*	Science*
Mathematics 101 or 104 or 107	Mathematics 102 or 105 or 108	Mathematics 103 or 106 or 109
Physical Education 101**	Physical Education 102M or W**	Physical Education 103M or W**
Physical Education 110***	Physical Education 111M or W***	Physical Education 112 M or W***
Psychology 100	Psychology 100	Psychology 100
Elective****	Elective****	Elective****

*This may be Biology, Chemistry, or General Science.
**For non-Physical Education majors.
***For Physical Education majors.
****Electives: French 101, 102, 103
French 104, 105, 106
Spanish 101, 102, 103
Spanish 104, 105, 106
One year additional science
Industrial Arts 101, 102, 103
Health Education 101, 102, 103
Geography 101, 102, 103
Business Education 101, 102, 103 or
Business Education 102, 103, 104
Home Economics 101, 102, 103

REQUIRED SUBJECTS FOR THOSE PREPARING TO TEACH ELEMENTARY EDUCATION

FALL QUARTER	WINTER QUARTER	SPRING QUARTER
Sophomore	**Sophomore**	**Sophomore**
English 201 History 201 English 206 Art 201 Health Education 201 Geography 101* Physical Education 201 Psychology 200	English 202 History 202 Government 201 Art 202 Speech 201 Geography 102* Physical Education 202 Psychology 200	English 203 History 203 Psychology 201 Art 203 Geography 103* Physical Education 203M or W Psychology 200
Junior	**Junior**	**Junior**
Education 301 Psychology 301 Physical Education 213 Physical Education 214 Music 301 Library Science 305 Psychology 300	Education 302 Psychology 302 English 307 Library Science 304 Music 302 Education 310 Psychology 300	Education 303 Psychology 303 History 306 Business Education 300** Music 303 Art 301 Psychology 300
Senior	**Senior**	**Senior**
Education 401*** or 404**** Education 402*** or 403**** Health Education 401	Writing 301 or 401 General Science 401 Music 401	Education 405

*Unless chosen as an elective during the freshman year.
**Or proficiency by previous training.
***Students preparing to teach primary grades (1-3) will take Education 401 and 402.
****Students preparing to teach grammar grades (4-8) will take Education 403 and 404. At least 197 hours required for the degree. Completion of the National Teacher Examination, Common, is required.

CORE SUBJECTS FOR THOSE PREPARING FOR HIGH SCHOOL TEACHING: ENGLISH, MATHEMATICS, PHYSICAL EDUCATION, SCIENCE, AND SOCIAL STUDIES

FALL QUARTER	WINTER QUARTER	SPRING QUARTER
Sophomore English 201 History 201 Physical Education 201* Psychology 200 Majors and Electives	**Sophomore** English 202 History 202 Physical Education 202* Psychology 200 Majors and Electives Psychology 201	**Sophomore** English 203 History 203 Physical Education 203M or W Psychology 200 Majors and Electives Health Education 201
Junior Psychology 300 Majors and Electives Education 301 Psychology 301 English 307 or 401	**Junior** Psychology 300 Majors and Electives Education 302 Psychology 302	**Junior** Psychology 300 Majors and Electives Education 303 Psychology 303
Senior Majors and Electives	**Senior** Majors and Electives	**Senior** Education 407

*Excepting Physical Education majors who will take 204, 205, and 206.
At least 197 hours required for the degree for high school teachers.
Completion of the National Teacher Examination is required.
Pass a proficiency test given by Speech Department or complete requirements for Speech 201 in order to be clear for student teaching.

Additional Courses Necessary for Graduation and Certification in the Various Fields of High School Teaching

CHEMISTRY

Education 409.
Chemistry 101, 102, 103, 201, 202, 203.
Physical Science optional examination of the National Teacher Examination.

ENGLISH

One or two years of a modern language.
Education 411.
English 206, 301, 302, 303, 304 or 305, 401, 452, 453.
Speech 201, 301.
English optional examination of the National Teacher Examination.

FRENCH

Education 412.
French 104, 105, 106, 201, 202, 203, 301, 302, 303, 401, 402, 403.
French optional examination of the National Teacher Examination.

MATHEMATICS

Education 408.
Mathematics 104, 105, 106, 201, 202, 203, 206, 301, 302, 303, and three hours mathematics elective.
Mathematics optional examination of the National Teacher Examination.

PHYSICAL EDUCATION

Education 414.
Health Education 101, 102, 103, 401.
Physical Education 210, 211, 212, 213, 214, 307, 312, 401, 403, 408MW, 409, 412.
For Men: Physical Education 405M, 406M, and at least three of the following: Physical Education 216M, 309, 310M, 404, 410M, 411M. Activity courses 110, 111M, 112M, 204, 205, 206, 301M, 302M. 303M.
For Women: Physical Education 216W, 309, 311W, 402W, 404. Activity courses 110, 111W, 112W, 204, 205, 206, 304W, 305, 306.
Physical Education optional examination of the National Teacher Examination (one).

SCIENCE

Education 409.
Chemistry 101, 102, 103.
Mathematics 104, 105, 106.
Biology 101, 102, 103.
Geography 301, 302.
Physics 301, 302, 303.
Three additional hours from biology, chemistry, or physics.
Science optional examination of the National Teacher Examination (one).

SOCIAL STUDIES

Education 410.
Economics 201, 202.
Government 201, and 3 hours.
History 451, 455.
Sociology 3 hours.
Geography 102.
History 305, 3 hours.
History 306.
Social Studies optional examination of the National Teacher Examination.

SPANISH

Education 412.
Spanish 104, 105, 106, 201, 202, 203, 301, 302, 303, 401, 402, 403.
Spanish optional examination of the National Teacher Examination.

SPECIAL EDUCATION FOR TEACHERS OF THE ACOUSTICALLY HANDICAPPED

For specific details write directly to the Registrar, Appalachian State Teachers College, Boone, North Carolina, or the Superintendent, North Carolina School for the Deaf, Morganton, North Carolina.

BUSINESS EDUCATION

FALL QUARTER	WINTER QUARTER	SPRING QUARTER
Sophomore	**Sophomore**	**Sophomore**
Business Education 101*	Business Education 102	Business Education 103
Business Education 104	Health Education 201	Psychology 201
History 201	History 202	History 203
Business Education 201 *	Business Education 202	Business Education 203
English 201	English 202	English 203
Business Education 204	Business Education 205	Business Education 206
Physical Education 201	Physical Education 202	Physical Education 203 M or W
Psychology 200	Psychology 200	Psychology 200
Junior	**Junior**	**Junior**
Psychology 301	Psychology 302	Psychology 303
Education 301	Education 302	Education 303
Economics 201	Economics 202	Economics 203
Business Education 304	Business Education 305	Education 417 or Economics Elective
Business Education 306	Business Education 307	English 307
Psychology 300	Psychology 300	Psychology 300
Senior	**Senior**	**Senior**
Education 417 or Economics Elective	Business Education 401	Education 407
Business Education 403	Business Education 402	
Business Education 404	Business Education 405	
Business Education 303	Business Education 302	
Economics 304	Economics Elective	

At least 197 hours are required for graduation. Completion of National Teacher Examination with Business Education optional is required.

Education 407, Student Teaching, is required during the senior year. Education 417 must be taken before student teaching.

Graduates in this field may obtain Social Studies Certification by adding three hours of geography, six hours of government, and three hours of sociology.

*Students who have completed successfully one half unit on secondary school level or its equivalent will be required to begin second course listed.

Business Education students are required to pass a proficiency test given by the Speech Department or complete requirements for Speech 201 in order to be clear for student teaching.

CHEMISTRY

FALL QUARTER	WINTER QUARTER	SPRING QUARTER
Freshman	**Freshman**	**Freshman**
Mathematics 107	Mathematics 108	Mathematics 109
History 101	History 102	History 103
English 101	English 102	English 103
Physical Education 101	Physical Education 102 M or W	Physical Education 103 M or W
Chemistry 104	Chemistry 105	Chemistry 106
Psychology 100	Psychology 100	Psychology 100
Sophomore	**Sophomore**	**Sophomore**
English 201	English 202	English 203
Mathematics 301	Mathematics 302	Mathematics 303
Chemistry 201	Chemistry 202	Chemistry 203
Physics 301	Physics 302	Physics 303
Psychology 200	Psychology 200	Psychology 200
Physical Education 201	Physical Education 202	Physical Education 203 M or W
Junior	**Junior**	**Junior**
Education 301	Education 302	Education 303
Psychology 301	Psychology 302	Psychology 303
Chemistry 301	Chemistry 302	Chemistry 303
History 201	History 202	History 203
Psychology 201	Health Education 201	English 307
Psychology 300	Psychology 300	Psychology 300
Senior	**Senior**	**Senior**
Chemistry 401	Chemistry 402	Education 407
Education 409		

At least 197 hours are required for graduation. Completion of National Teacher Examination is required, Common and Chemistry, Physics, and General Science optional.

Pass a proficiency test given by the Speech Department or complete requirements for Speech 201 in order to be clear for student teaching.

Additional chemistry electives to make a total of 47 hours in chemistry.

ENGLISH

FALL QUARTER	WINTER QUARTER	SPRING QUARTER
Sophomore	**Sophomore**	**Sophomore**
English 201	English 202	English 203
History 201	History 202	History 203
English 206	Speech 201	Health Education 201
Physical Education 201	Physical Education 202	Physical Education 203M or W
Psychology 200	Psychology 200	Psychology 200
*Foreign Language	Foreign Language	Foreign Language
Psychology 201		
Junior	**Junior**	**Junior**
English 301	English 302	English 303
English 304 or 305	Speech 301	Education 303
Education 301	Education 302	Psychology 303
Psychology 301	Psychology 302	Psychology 300
Psychology 300	Psychology 300	
Senior	**Senior**	**Senior**
English 401	English 453	Education 407
English 452		
Education 411		

*For those taking language two years.

Eighteen hours in English and related fields in addition to the required courses listed above. Students may elect nine of these hours from the following: Art 301, Music 401, Library Science 454, History 301, 302, 303, and Speech 401.

At least 197 hours are required for graduation.

Completion of the National Teacher Examination is required, Common and English optional.

FOREIGN LANGUAGE

FALL QUARTER	WINTER QUARTER	SPRING QUARTER
Sophomore	**Sophomore**	**Sophomore**
English 201	English 202	English 203
History 201	History 202	History 203
Psychology 201	Speech 201	Health Education 201
Physical Education 201	Physical Education 202	Physical Education 203M or W
Foreign Language	Foreign Language	Foreign Language
Psychology 200	Psychology 200	Psychology 200
Junior	**Junior**	**Junior**
Education 301	Education 302	Education 303
Psychology 301	Psychology 302	Psychology 303
Foreign Language	Speech 301	English 401
Psychology 300	Foreign Language	Foreign Language
	Psychology 300	Psychology 300
Senior	**Senior**	**Senior**
Education 412	Education 407	Foreign Language
Foreign Language		Foreign Language

Entrance requirement for this curriculum: two units of French or Spanish in high school.
At least 197 hours required for graduation.
Completion of National Teacher Examination is required.

HOME ECONOMICS

FALL QUARTER	WINTER QUARTER	SPRING QUARTER
Sophomore	**Sophomore**	**Sophomore**
English 201	English 202	English 203
History 201	History 202	History 203
Chemistry 101	Chemistry 102	Chemistry 103
Home Economics 201	Home Economics 202	Home Economics 203
Home Economics 204	Home Economics 205	Biology 208
Physical Education 201	Physical Education 202	Physical Education 203 W
Psychology 201	Art 204	Art 205
Psychology 200	Psychology 200	Psychology 200
Junior	**Junior**	**Junior**
Psychology 301	Psychology 302	Psychology 303
Education 301	Education 302	Education 303
Home Economics 206	Home Economics 302	Home Economics 303
Home Economics 304	English 307	Sociology 401
Chemistry 204	Chemistry 205	Chemistry 206
Economics 201	Physics 304	Education 413
Psychology 300	Psychology 300	Psychology 300
Senior	**Senior**	**Senior**

During the senior year Home Economics 402 and 403 must be completed; Education 407 must be done; and the National Teacher Examination must be taken.

Other required courses are Home Economics 307 and 406. Enough work must be done to make a total of 197 quarter hours.

Home Economics students are required to pass a proficiency test given by the Speech Department or complete requirements for Speech 201 in order to be clear for student teaching.

INDUSTRIAL ARTS

FALL QUARTER	WINTER QUARTER	SPRING QUARTER
Sophomore English 201 History 201 Physical Education 201 Psychology 200 Industrial Arts 201 Industrial Arts 204 Health Education 201	**Sophomore** English 202 History 202 Physical Education 202 Psychology 200 Industrial Arts 202 Industrial Arts 205 Art 202 Industrial Arts 206	**Sophomore** English 203 History 203 Physical Education 203M or W Psychology 200 Industrial Arts 203 Industrial Arts 208 Psychology 201
Junior Education 301 Psychology 301 Psychology 300 Industrial Arts 301 Industrial Arts 305 English 307	**Junior** Education 302 Psychology 302 Psychology 300 Industrial Arts 302 Industrial Arts 304 Industrial Arts 306	**Junior** Education 303 Psychology 303 Psychology 300 Industrial Arts 303 Industrial Arts 307 Industrial Arts 317
Senior Education 416 Physics 301* Industrial Arts 318	**Senior** Education 407	**Senior** Industrial Arts 401 or 402 Industrial Arts 403

Additional industrial arts elective to make a total of 73 quarter hours in industrial arts.

At least 197 quarter hours must be completed for the degree.

Any student who has not had one and one-half units of algebra and one unit of plane geometry in high school should take Mathematics 101, 102, and 103 before taking Mathematics 104.

Pass a proficiency test given by the Speech Department or complete requirements for Speech 201 in order to be clear for student teaching.

*This requirement does not apply to students taking 18 hours of mathematics.

Completion of the National Teacher Examination is required.

LIBRARY SCIENCE

FALL QUARTER	WINTER QUARTER	SPRING QUARTER
Sophomore	**Sophomore**	**Sophomore**
English 201	English 202	English 203
History 201	History 202	History 203
Physical Education 201	Physical Education 202	Physical Education 203M or W
Psychology 200	Psychology 200	Psychology 200
Business Education 101*	Business Education 102*	Business Education 103*
Psychology 201	Health Education 201	Speech 201
Library Science 201	Library Science 202	Library Science 203
Junior	**Junior**	**Junior**
Psychology 300	Psychology 300	Psychology 300
Psychology 301	Psychology 302	Psychology 303
Education 301	Education 302	Education 303
Library Science 301	Library Science 302	Library Science 303
Library Science 305	Library Science 306	Library Science 307
English 304	English 302	English 303
English 307		
Senior	**Senior**	**Senior**
Library Science 401, 403, 451, 453	Library Science 402, 404, 450, 452	Education 407

At least 197 quarter hours must be completed for the degree. Completion of National Teacher Examination is required.

*If the student shows sufficient skill in typewriting, some other subjects may be taken.

Students who desire to certify to teach in some other content field should not expect to complete degree requirements in the regular four-year period.

Electives should be chosen from four of the following areas: Art 201, 301; Biology 450; Education 475, 477; English 204, 306; Geography 301, 302, 303; Government 201; History 305; Home Economics 302; Music 401; Sociology 301, 401; Speech 301.

MATHEMATICS

FALL QUARTER	WINTER QUARTER	SPRING QUARTER
Sophomore English 201 History 201 Physical Education 201 Psychology 200 Mathematics 201 Psychology 201	**Sophomore** English 202 History 202 Physical Education 202 Psychology 200 Mathematics 202 Health Education 201 Mathematics 206	**Sophomore** English 203 History 203 Physical Education 203M or W Psychology 200 Mathematics 203
Junior Psychology 300 Mathematics 301 Physics 301 Education 301 Psychology 301	**Junior** Psychology 300 Mathematics 302 Physics 302 Education 302 Psychology 302 English 307	**Junior** Psychology 300 Mathematics 303 Physics 303 Education 303 Psychology 303
Senior Education 408	**Senior**	**Senior** Education 407

Additional mathematics elective to make a total of 46 hours in mathematics.

At least 197 quarter hours must be completed for the degree. Completion of National Teacher Examination is required, Common and Mathematics optional.

Any student who has not had one and one-half units of algebra and one unit of plane geometry in high school should take Mathematics 101, 102, and 103 before taking Mathematics 104.

Pass a proficiency test given by the Speech Department or complete requirements for Speech 201 in order to be clear for student teaching.

SCIENCE

FALL QUARTER	WINTER QUARTER	SPRING QUARTER
Sophomore	**Sophomore**	**Sophomore**
English 201	English 202	English 203
History 201	History 202	History 203
Physical Education 201	Physical Education 202	Physical Education 203M or W
Psychology 200	Psychology 200	Psychology 200
Chemistry 101	Chemistry 102	Chemistry 103
Biology or Chemistry	Biology or Chemistry	Biology or Chemistry
Health Education 201		Psychology 201
Junior	**Junior**	**Junior**
Psychology 300	Psychology 300	Psychology 300
Psychology 301	Psychology 302	Psychology 303
Education 301	Education 302	Education 303
Physics 301	Physics 302	Physics 303
Biology or Chemistry	Geology 301	Geology 302
English 307	Biology or Chemistry	Biology or Chemistry
		Education 409
Senior	**Senior**	**Senior**
		Education 407

At least 197 quarter hours must be completed for the degree. Completion of the National Teacher Examination is required, Common and Science optional.

Pass a proficiency test given by the Speech Department or complete requirements for Speech 201 in order to be clear for student teaching.

Any student deficient in high school mathematics credits should take Mathematics 101, 102, and 103 before taking Mathematics 104.

Additional science elective to make a total of 60 hours in science.

SOCIAL STUDIES

FALL QUARTER	WINTER QUARTER	SPRING QUARTER
Sophomore English 201 History 201 Government 201 Health Education 201 Geography 102 Physical Education 201 Psychology 200	**Sophomore** English 202 History 202 Economics 201 Psychology 201 Physical Education 202 Psychology 200	**Sophomore** English 203 History 203 Economics 202 Sociology 301 Speech 301 Physical Education 203M or W Psychology 200
Junior English 307 English 301 History 305 Education 301 Psychology 301 Geography 301 Psychology 300	**Junior** History 306 English 302 History 305 Education 302 Psychology 302 Government 301 Psychology 300	**Junior** History 301, 302 or 303 English 303 History 305 Education 303 Psychology 303 Psychology 300
Senior History 455 Education 410	**Senior** History 451	**Senior** Education 407

Twelve hours of social studies electives and sufficient free elective to make 197 hours to be taken during senior year. A total of 66 quarter hours in social studies required for this curriculum.

Social studies electives may be selected from: economics. geography, history, government, or sociology.

Pass a proficiency test given by the Speech Department or complete requirements for Speech 201 in order to be clear for student teaching.

Completion of the National Teacher Examination is required, Commonand Social Studies optional.

MUSIC EDUCATION, GENERAL

FALL QUARTER	WINTER QUARTER	SPRING QUARTER
Freshman	**Freshman**	**Freshman**
Music 101	Music 102	Music 103
Applied Music Major	Applied Music Major	Applied Music Major
Applied Music Minor	Applied Music Minor	Applied Music Minor
Music 104	Music 105	Music 106
English 101	English 102	English 103
History 101	History 102	History 103
Physical Education 101	Physical Education 102M or W	Physical Education 103M or W
Psychology 100	Psychology 100	Psychology 100
Sophomore	**Sophomore**	**Sophomore**
Music 201	Music 202	Music 203
Applied Music Major	Applied Music Major	Applied Music Major
Applied Music Minor	Applied Music Minor	Applied Music Minor
Music 204	Music 205	Music 206
Psychology 201	Education 201	Education 202
English 201	English 202	English 203
History 201	History 202	History 203
Physical Education 201	Physical Education 202	Physical Education 203M or W
Psychology 200	Psychology 200	Psychology 200
Junior	**Junior**	**Junior**
Health Education 201	Applied Music Major	Applied Music Major
Applied Music Major	Applied Music Minor	Applied Music Minor
Applied Music Minor	Music 305	Music 306
Music 304	Music 308	Music 309
Music 307	Education 306	Music 315
Education 305	Education 302	Music 313 or 314**
Education 301	Psychology 302	Education 303
Psychology 301	Psychology 300	Psychology 303
Psychology 300	English 307	Psychology 300
Senior	**Senior**	**Senior**
Applied Music Major*	Education 407*	Applied Music Major*
Applied Music Minor*		Applied Music Minor*
Music 312**		Education 407*
Music 402**		
Music 313 or 314**		
Music 405*		
Education 407*		

At least 197 quarter hours are required for graduation. Completion of National Teacher Examination is required.
*These courses are offered every quarter.
**These courses are offered two quarters.
Pass a proficiency test given by the Speech Department or complete requirements for Speech 201 in order to be clear for student teaching.

MUSIC EDUCATION, INSTRUMENTAL

FALL QUARTER	WINTER QUARTER	SPRING QUARTER
Freshman	**Freshman**	**Freshman**
Music 101	Music 102	Music 103
Major Instrument	Major Instrument	Major Instrument
Piano	Piano	Piano
Music 104	Music 105	Music 106
English 101	English 102	English 103
History 101	History 102	History 103
Physical Education 101	Physical Education 102M or W	Physical Education 103M or W
Psychology 100	Psychology 100	Psychology 100
		Health Education 201
Sophomore	**Sophomore**	**Sophomore**
Music 201	Music 202	Music 203
Major Instrument	Major Instrument	Major Instrument
Music 204	Music 205	Music 206
Piano	Piano	Piano
Psychology 201	Education 201	Education 202
English 201	English 202	English 203
History 201	Music 310	Music 311
Physical Education 201	History 202	History 203
Psychology 200	Physical Education 202	Physical Education 203M or W
	Psychology 200	Psychology 200
Junior	**Junior**	**Junior**
Major Instrument	Major Instrument	Major Instrument
Minor Instrument	Minor Instrument	Minor Instrument
Music 304	Music 305	Music 306
Music 307	Music 308	Music 309
Education 305	Education 306	Music 315
Education 301	Education 302	Music 313 or 314**
Psychology 301	Psychology 302	Education 303
Psychology 300	Psychology 300	Psychology 303
Music 312	English 307	Psychology 300
Senior	**Senior**	**Senior**
Major Instrument*	Major Instrument*	Education 407 *
Minor Instrument*	Minor Instrument*	
Education 415	Music 404**	
Music 402**	Electives	
Music 313 or 314**	Education 407*	
Music 405**		
Music 403**		

At least 197 quarter hours are required for graduation. Completion of National Teacher Examination is required.
*These courses are offered every quarter.
**These courses are offered two quarters.
Pass a proficiency test given by the Speech Department or complete requirements for Speech 201 in order to be clear for student teaching.

PRIVATE PIANO TEACHERS' CURRICULUM

FALL QUARTER	WINTER QUARTER	SPRING QUARTER
Freshman	**Freshman**	**Freshman**
Piano	Piano	Piano
Applied Minor	Applied Minor	Applied Minor
Music 101	Music 102	Music 103
English 101	English 102	English 103
History 101	History 102	History 103
Physical Education 101	Physical Education 102M or W	Physical Education 103M or W
Psychology 100	Psychology 100	Psychology 100
Sophomore	**Sophomore**	**Sophomore**
Piano	Piano	Piano
Applied Minor	Applied Minor	Applied Minor
Piano Ensemble	Piano Ensemble	Piano Ensemble
Music 201	Music 202	Music 203
English 201	English 202	English 203
Psychology 201	Health Education 201	Physical Education 203M or W
Physical Education 201	Physical Education 202	Psychology 200
Psychology 200	Psychology 200	
Junior	**Junior**	**Junior**
Piano	Piano	Piano
Piano Ensemble	Piano Ensemble	Piano Ensemble
Music 304	Music 305	Music 306
Psychology 301	Psychology 302	Psychology 303
Education 307	Education 308	Education 309
Education 301	Education 302	Education 303
Psychology 300	English 307	Psychology 300
	Psychology 300	
Senior	**Senior**	**Senior**
Piano	Education 407	Piano
Piano Ensemble		Piano Ensemble
Music 313		Music 315
Music 402*		Music 452
Music 405		

Required Piano—44 quarter hours
Required secondary music experience—16 quarter hours
A total of 197 hours required for the degree. This is a terminal degree and does not carry certification to teach.
Pass a proficiency test given by the Speech Department or complete requirements for Speech 201 in order to be clear for student teaching.
*This course is offered two quarters.
Completion of National Teacher Examination is required.

GRADUATE DIVISION

History

Graduate study leading toward the Master's degree was first offered at Appalachian State Teachers College during the summer of 1942. During that summer fifty-one students enrolled in the graduate division. Each summer has seen an increased enrollment over the preceding summer. The work offered during the summers of 1942-47 was on a cooperative basis with the University of North Carolina, with that institution giving full credit toward the Master's degree. Beginning with the summer of 1948, Appalachian State Teachers College has accepted qualified students as candidates for the Master of Arts degree. Graduate study at Appalachian State Teachers College was approved by the American Association of Colleges for Teacher Education on February 26, 1949.

Aim of the Graduate Division

The sole aim of the Graduate Division is to add to the competency of teachers and other educational workers. The entire graduate program is made as functional as possible in order to carry out this aim. Each course offered is justified in terms of the contribution which it makes toward a realization of the general aim of the program and the specific objectives of the individual student.

OBJECTIVES

I. Functional Approach

A. To prepare master teachers in specific high school fields of concentration and for the elementary schools by:

1. Broadening understanding of teaching field of study and relationships with allied fields.
2. Deepening scholarship in teaching field.
3. Gaining familiarity with sources of information in teaching field.
4. Surveying history of and studying critically recent research in teaching and allied fields.
5. Broadening and deepening the professional education of classroom teachers.

B. To prepare school administrators and supervisors through:

1. Comprehensive knowledge of the forces underlying public education in the past and the present, and competence in applying the knowledge to foresee future developments.
2. Intensive study of educational problems as they relate to administration or supervision of schools.
3. Development of competence in applying results of research to the solution of educational problems.

4. Mastery of knowledge and skills involved in administrative or supervisory activities.

II. Scientific Approach

A. To cultivate in students and teachers the scientific approach to educational problems through:

1. Clear, incisive thought and definition.
2. Mastery of background information.
3. Accumulation of significant data.
4. Controlled experimentation.
5. Exact statistical treatment of data.
6. Application of logic to interpretation of results of experiments.
7. Cautious conclusions and inferences.

B. To promote mastery of tools for scientific study and reports of problems.

1. Data-gathering devices such as surveys and experimentation.
2. Methods for validating sources and procedures.
3. Statistical treatment.
4. Reporting results.

C. To foster educational progress through scientific study of current educational problems.

1. Improvement of public school organization, administration, curriculum, methods, and services in local communities and in broader areas.
2. Improvement of teacher education in general and at Appalachian State Teachers College in particular.

Graduate Work at Appalachian

The Graduate Division of Appalachian State Teachers College is organized for the purpose of providing facilities for advanced study leading to the Master of Arts degree. The work is offered during both terms of the summer session and the three quarters of the regular session. A maximum of nine quarter hours may be earned in a six-week summer term or fifteen quarter hours in a quarter in the regular session.

The Graduate Offering

Courses which have been approved for graduate credit by the Curriculum Committee and by the Graduate Council constitute the graduate offering. Descriptions of these courses will be found in the departmental offerings in this catalog.

Courses open only to graduate students are numbered 500 and

above. Candidates for the Master of Arts degree are required to present at least thirty quarter hours of credit in graduate courses numbered 500 and above. The remaining fifteen quarter hours may, upon the recommendation of the candidate's advisory committee and with the approval of the Graduate Council, be selected from the senior-graduate courses numbered 450 and above.

Admission to the Graduate Division

Admission to advanced study is determined by the following:

1. A baccalaureate degree from a college or university of recognized standing.
2. An undergraduate academic average of C+ or better. Students with a lower academic average may, with the permission of the Graduate Council, register for advanced work and upon the satisfactory completion of one quarter of work may make application for admission.
3. An application for admission made on a special form, obtainable on request, and submitted with a complete transcript of all previous college work, unless done at this institution, at least one month before the candidate plans to begin graduate study.
4. Two letters of recommendation, one of which must be from a college administrator or the head of the department in the candidate's undergraduate field of study.
5. Freedom from serious physical, personality, and speech defects.
6. An undergraduate background appropriate for advanced work in the proposed area. If the student intends to become a candidate for the Master of Arts degree with a major in Education, he must present a minimum of twenty-seven quarter hours (eighteen semester hours) of undergraduate credit in education and related courses. For prerequisites in other academic areas, consult the chairman of graduate work in that area.
7. A record of successful teaching experience or satisfactory completion of student teaching.
8. A person must hold, or be eligible to hold, a North Carolina "A" teaching certificate in his chosen field or the comparable certificate in his home state.
9. Any candidate for a bachelor's degree, who lacks not more than twelve quarter hours of undergraduate work may take graduate courses to make a total of not more than fifteen quarter hours in a twelve-week term.

Admission to Candidacy for the Master's Degree

Admission to graduate study does not carry with it admission to candidacy for the Master's degree. Admission to candidacy for the degree is acted upon after one quarter of graduate study in this institution. Admission is contingent further upon the recommendation of the student's advisory committee and the approval of the Graduate Council. Before being accepted finally as a candidate for the degree, a student will be expected to have:

1. Given evidence of personal and professional fitness to become a candidate for the Master's degree.
2. Attained a satisfactory level of competency through pre-service or in-service teaching experience.
3. Demonstrated ability to do satisfactory and creditable work at the graduate level.

Before filing an Application for Admission to Candidacy, students will be required to take certain general qualifying examinations. These examinations may be oral or written or both. Advisers may arrange with the Director of Graduate Studies for the administration of any such special qualifying examinations.

Each student shall file with the Director of Graduate Studies an Application for Admission to Candidacy before the end of the quarter in which he will complete twelve quarter hours of graduate credit at Appalachian State Teachers College. Blanks for this purpose may be obtained at the office of the Director of Graduate Studies.

Registration

Graduate students register on the regular registration days at the beginning of each quarter and summer term. Registration dates are shown in the calendar. Initial registration is contingent upon the receipt and approval of transcripts of all work completed in other institutions. Transcripts of undergraduate and of graduate work done elsewhere should be sent to the office of the Director of Graduate Studies well in advance of initial registration.

Program of Course Work

The degree of Master of Arts may be conferred upon a student, who, having been accepted as a candidate for the degree, completes with high credit the program of work which accompanied his Application for Admission to Candidacy. This program shall include a minimum of forty-five quarter hours of advanced work, inclusive of course work and individual problems, so planned as to meet with the approval of the student's advisory committee and the Graduate Council. In addition to the thirty-nine quarter hours of regular course work, the student shall write a thesis in either

his minor or his major field of interest. The thesis should show, among other characteristics:

(a) Ability of the candidate to work independently on an approved problem.
(b) A reasonably wide familiarity with the literature of the field of specialization.
(c) A practical working knowledge of research methods.
(d) Conclusions supported by data.

The student must present his thesis at least three weeks before the degree is to be conferred. The thesis must be approved by the major and minor professors and by the Director of Graduate Studies, and must conform to the regulations approved by the Graduate Council for writing theses. Four typewritten copies of the thesis, the original and first three carbons, must be filed in the college library together with costs for having them bound, at least one week before the degree is conferred.

In the writing of the thesis, Campbell's *Form Book for Thesis Writing* (latest edition) is the approved guide for form. With the approval of the Director of Graduate Studies and the thesis committee, the form may be varied to meet the requirements of publishers if the manuscript is to be printed.

Four copies of the approval sheet must be prepared by the student. One copy is bound with each copy of the thesis.

Four copies of an abstract of the thesis of not more than two typewritten pages, giving the problem, the procedure, and the results, must be filed with the thesis after the abstract has been approved by the chairman of the thesis committee.

Waiver of Thesis Requirement

Upon the recommendation of his advisory committee and approval of the Graduate Council, the thesis requirement may be waived, provided the student completes forty-two weeks in residence and a minimum of fifty-four quarter hours of credits. A comprehensive examination, either oral or written, on both the major and the minor fields will be required of all such candidates for the M.A. degree who begin their programs after September 1, 1960.

Prerequisites

Students who intend to become candidates for the Master of Arts degree with a major in Education, are required to present a minimum of twenty-seven quarter hours (eighteen semester hours) of undergraduate credit in education and related courses. Graduate work in both education and academic courses presupposes certain undergraduate course prerequisites or an equivalent background acquired through experience.

Major and Minor Requirements

All students who expect to become candidates for the Master's degree will major in Education, Biology, Business Education, Counseling, English, Library Science, Mathematics, Music, Physical Education, or Social Studies. They may select their minors from Education, Biology, Business Education, Counseling, English, Library Science, Mathematics, Music, Physical Education, or Social Studies. A major will consist of twenty-seven quarter hours; a minor, eighteen hours in one subject field, except for Elementary majors who may take their minor from as many as four fields.

Minimum Residence

A residence of at least one academic year or its equivalent in summer sessions is required. The summer equivalent is a minimum of six terms of six weeks each. In order to establish six weeks residence in the summer session, a student must carry a minimum of six hours of graduate credit during the six week term. In order to establish twelve weeks of residence in the summer session, a student must carry a total of twelve quarter hours of graduate credit and register and be in attendance for both terms.

Time Limit

All work, to be acceptable for credit toward the requirements for the Master's degree, must have been completed within a period of six years preceding the date on which the degree is conferred.

Transfer Credit

Under certain circumstances a student who holds a Bachelor's degree from an approved college or university, and who has taken graduate work at some approved institution, may arrange to transfer as many as nine quarter hours of credit to be applied toward the requirements for the Master of Arts degree provided the work is graduate work done in residence. This transfer credit, however, will not reduce the minimum residence requirement at Appalachian.

Teaching Experience

Candidates for the Master's degree must have a minimum of one year of successful teaching experience, or a minimum of four and one-half quarter hours of satisfactory student teaching experience.

Course Grades and Credit

The college grading system—A, B, C, D, and Inc.—is used to report the quality of credit. The forty-five quarter hours of graduate credit accepted in fulfillment of the requirements for the Master's degree shall average not lower than "B" grade and no credit toward the degree shall be granted for a grade below "C." Course work reported "Incomplete" must be completed within a year of the official ending of the course.

Degrees Not Conferred in Absentia

Candidates for the Master of Arts degree are required to be present at the commencement exercises in the prescribed academic costume. Exceptions to this regulation shall be granted only upon approval of the Director of Graduate Studies.

Fellowships and Assistantships

Appalachian State Teachers College offers a number of Graduate fellowships and assistantships for the regular session and summer session. Stipends for graduate fellowships and assistantships in the regular session are based upon the work load. Half-time fellows and assistants will devote twenty-four hours per week to laboratory instruction or other service to the college. Third-time and quarter-time assistants give proportionately less time to their assistantships. Assistants receive an annual stipend of $1200, $900, $600, and $450 respectively and are permitted to carry a quarterly academic load of nine, twelve, and fifteen quarter hours depending upon the classification of the assistantship.

Among the departments in which fellows and assistants may work are Biology, Business Education, Education, English, Library Science, Mathematics, Music, Physical Education, and Social Studies.

Any person interested in a fellowship or an assistantship should write the Director of Graduate Studies for an application blank and return it properly filled out not later than July 1. Also, he should have sent to the Director of Graduate Studies a complete transcript of his college work not later than July 1.

Assistantships in Junior College Teaching

Appalachian State Teachers College offers for the preparation of junior college teachers a two-year program that combines graduate study with supervised college teaching and leads to a Master of Arts degree and one year of college teaching experience in any one of the following fields: Biology; Business Education; Education; English; Health, Physical Education, and Recreation; Library Science; Mathematics; Music Education; and Social Studies.

The program is designed to give the prospective junior college teacher a solid preparation in his graduate major at the same time he is teaching freshman and sophomore courses in his major. His internship will be done on the Appalachian campus and under the supervision of an experienced and successful college teacher. His program will begin with a four-fifths load of graduate work and a one-fifth load of teaching and will end with a two-fifths load of graduate work and a three-fifths load of teaching.

An applicant for this program will be required to have at least an average of "B" on his undergraduate work. Teaching experience is desirable. A successful applicant will receive a stipend of $3000 to be paid on the basis of $1000 during the first year and $2000 during the second year.

Persons wishing to apply for a fellowship in junior college teaching should write the Director of Graduate Studies for an application blank and submit it properly filled out not later than July 1. Also, they should have sent to the Director of Graduate Studies complete transcripts of their college work not later than July 1.

Internship in Educational Administration

The following rules for eligibility have been set up and approved by the Committee for Internship in Educational Administration:

1. The applicant must hold a valid North Carolina "A" certificate (or better).
2. The applicant must have successfully completed three or more years of teaching, one of which must have been done in the school wherein he is doing internship (or the school system in the case of an internship in supervision or the superintendency).
3. The applicant must have the recommendation of his principal and/or superintendent.
4. The applicant must have been admitted as a candidate for, or hold the master's degree.

The following administrative policy has been approved by the committee:

1. An applicant for an internship must be working within a reasonable distance of Appalachian State Teachers College.
2. The number of participants in Education 540 is limited.
3. All interns must work under a fully certificated supervisor.
4. The supervisors must express a willingness to supervise the work and provide the experiences necessary for the intern.
5. No supervisor shall be an intern at the same time he (she) is supervising the work of another intern.

Internship Program for Supervising Teachers

An internship for qualified supervisors of student teachers is now available for those supervising teachers who have successfully supervised at least one student teacher during the past two years. The program, designed to permit teachers to participate while regularly employed in a school system, carries three hours of credit during the college quarter. Other details of this program may be secured from the office of student teaching.

Expenses

It is the purpose of this institution to hold expenses to the minimum. The actual charges for one quarter in the graduate division are as follows:

Registration for term of twelve weeks	$15.00
Library Fee	3.00
Tuition for each quarter hour	3.00
Minimum charge for meals in cafeteria	75.00
Rooms (See page 29)	36.00 to 45.00
Laundry (Dormitory students only)	10.00
Student Activity and welfare	10.50
Special Examinations:	
Miller Analogy Test	2.00
National Teacher Examination	9.00

Graduate students will purchase their own books.

Graduate Extension Centers and Saturday Classes

Based upon requests from the administration of school systems in northwestern North Carolina, the college offers in-service courses, usually workshops, for teachers and other school personnel. A workshop is given at a central place in the school unit which has requested the in-service training. Graduate students who attend these in-service training courses may take as much as nine quarter hours of graduate credit and count it toward the requirements for a Master's Degree. This type of work will not reduce the minimum residence requirements of thirty-six weeks, but can be used to replace the 6 weeks of additional residence required of students who do not write a thesis. In addition to the in-service courses, Appalachian offers graduate work on campus on Saturday during the fall and spring quarters. By attending Saturday classes during any one quarter, graduate students may earn six hours of graduate credit and six weeks of residence. The cost for this type of credit, including tuition and fees, will be $32 for three hours of credit and $41 for six hours of credit. Books and supplies cost approximately $12.50

Fields of Preparation

The work leading to the Master of Arts degree is designed to prepare teachers for the following types of positions:

Superintendent
Principal
General Supervisor
Supervisor of Student Teaching
School Librarian
Secondary School Teacher
Elementary School Teacher
School Counselor
School Musician
Junior College Teacher

The following tentative programs are recommended for the various positions:

For Superintendents

Education 500—Research in Education	3
Education 501—Basic Principles and Techniques in Education Administration	3
Education 505—Supervision of Instruction	3
Education 506—Curriculum Construction: General Principles	3
Education 510—Extra-Curricular Activities	3
Education 518—Public School Finance	3
Education 478—Principles of Guidance in the School	3
*Education 550—Master of Arts Thesis	6
Academic—Minor	18

For Principals

Prerequisites: A high scholastic average in undergraduate work; hold a North Carolina "A" certificate or its equivalent from another state; a minimum of three years of successful teaching experience.

Education 500—Research in Education	3
Education 502—Organization and Administration of Secondary Schools	3
Education 504—Elementary School Organization and Administration	3
Education 505—Supervision of Instruction	3
Education 506—Curriculum Construction: General Principles	3
Education 478—Principles of Guidance in the School	3
*Education 550—Master of Arts Thesis	6
Education—Electives	3
Academic—Minor	18

* If a student is allowed to substitute course work for a thesis he will, with the assistance of his advisory committee, select five additional courses—two to replace the thesis and three besides. These courses may be in education or in the academic field or both.

For General Supervisors

Education 500—Research in Education	3
Education 467—Correlating Teaching with the Library	3
Education 502—Organization and Administration of Secondary Schools	3
or	
Education 504—Elementary School Organization and Administration	3
Education 505—Supervision of Instruction	3
Education 506—Curriculum Construction: General Principles	3
Education 507—Growth and Development of the School Child	3
Education 517—County and City School Supervision	3
*Education 550—Master of Arts Thesis	6
Academic—Minor	18

For Supervisors of Student Teaching

Education 500—Research in Education	3
Education 467—Correlating Teaching with the Library	3
Education 507—Growth and Development of the School Child	3
Education 509—Use and Interpretation of Educational Tests and Measurements	3
Education 515—Organization and Supervision of Student Teaching	3
Education 516—Activities and Techniques of the Supervision of Student Teaching	3
*Education 550—Master of Arts Thesis	6
Education—Electives	3
Academic—Minor	18

For Librarians

The Master of Arts degree with a major in Library Science and a minor in Education. Prerequisite: A minimum of twenty-seven hours in library science.

Library Science 451—Advanced Book Selection	3
Library Science 452—Advanced Book Selection	3
Library Science 500—Use of Materials with Pupils and Teachers	3
Library Science 503—Reading Interests and Guidance	3
Library Science—Electives	6
Education 478—Principles of Guidance in the School	3
Education 500—Research in Education	3
Education 506—Curriculum Construction: General Principles	3
Education 511—Investigations in Reading	3
*Education 550—Master of Arts Thesis	6
Education—Electives	3

Note: The fifteen hours elective in library science may be taken from L.S. 450, 453, 454, 455, 501, 502, 504, 505, 506, 507, 508, 509.

For Elementary School Teachers

Education 467—Correlating Teaching with the Library	3
Education 500—Research in Education	3
Education 511—Investigations in Reading	3
Education 506—Curriculum Construction: General Principles	3
Education 507—Growth and Development of the School Child	3

*If a student is allowed to substitute course work for a thesis he will, with the assistance of his advisory committtee, select five additional courses—two to replace the thesis and three besides. These courses may be in education or in the academic field or both.

Education 509—Use and Interpretation of Educational Tests and Measurements 3
*Education 550—Master of Arts Thesis 6
Education—Electives 3
Academic—Minor 18

Note: The academic minor for elementary teachers may include work from one or as many as four fields of study.

For Scondary School Teachers

Education 467—Correlating Teaching with the Library 3
Education 500—Research in Education 3
Education 506—Curriculum Construction: General Principles 3
Education 509—Use and Interpretation of Educational Tests and Measurements 3
Education 510—Extra-Curricular Activities 3
Education 478—Principles of Guidance in the School 3
*Education 550—Master of Arts Thesis 6
Education—Electives 3
Academic—Minor 18

For Music Teachers and Music Supervisors

The Master of Arts degree with a major in Music and a minor in Education. Prerequisite: "A" certificate in Music or the equivalent.
Music 500—Music of Baroque and Classical Periods 3
Music 502—Music of the Romantic Period 3
Music 503—Advanced Conducting 3
or
Music 504—Music of the Twentieth Century 3
Music—Electives 15
Education 500—Research in Education 3
Education 506—Curriculum Construction: General Principles 3
Education 529—The Organization and Supervision of School Music 3
Education 531—Seminar in Music Education 3
*Education 550—Master of Arts Thesis 6

For School Counselors

Prerequisites: High scholastic average in undergraduate work; hold, or be qualified to hold, "A" certificate; have at least three years of successful teaching experience; have a time equivalent of at least one year of occupational experience in one or more wage-earning jobs other than teaching or counseling.

Education 500—Research in Education 3
Education 478—Principles of Guidance in the School 3
Education 509—Use and Interpretation of Educational Tests and Measurements 3
Education 519—Analysis of the Individual 3
Education 520—Occupational and Educational Information 3
Education 521—Practicum in Counseling 6
Education 522—Tools and Techniques of Guidance 3
Education 523—Organization and Administration of Guidance Services 3

* If a student is allowed to substitute course work for a thesis he will, with the assistance of his advisory committee, select five additional courses—two to replace the thesis and three besides. These courses may be in education or in the academic field or both.

Education 526—Group Methods in Guidance	3
Education 527—Psychological and Diagnostic Testing	3
Psychology 450—Psychology of Personal Adjustment	3
Electives—Ed., Psy., or Soc.	3
*Education 550—Master of Arts Thesis	6

For Junior College Teachers

Education 500—Research in Education	3
Education 542—Junior College Instruction Program	3
Education 545—Practicum in Junior College Teaching	3
*Education 550—Master of Arts Thesis	6
Academic—Major	27
Electives	3

* If a student is allowed to substitute course work for a thesis he will, with the assistance of his advisory committee, select five additional courses—two to replace the thesis and three besides. These courses may be in education or in the academic field or both.

GRADUATE ADVISERS

Persons working toward the Master of Arts degree should confer with the adviser designated for his particular subject and have his courses and their sequence approved before registering.

Biology	MR. F. RAY DERRICK
Business Education	MR. ORUS SUTTON
Counseling	MR. J. PAUL BAGLEY
English	MR. G. P. EGGERS
Grammar Grade Education	MR. JOHN HOWELL
Junior College	MR. CRATIS D. WILLIAMS
Library Science	MRS. ILA M. JUSTICE
Mathematics	MR. J. T. C. WRIGHT
Music	MR. WILLIAM G. SPENCER
Physical Education	MR. MARSHALL L. WALTERS
Primary Education	MISS ISABEL JONES
School Administration	MR. WILLIAM E. FULMER
Social Studies	MR. JULIAN YODER

DIVISION OF APPLIED ARTS

ART

ART 201, *Fundamentals of Art* Two hours

A presentation of various materials and their diversified uses suitable for the classroom. The principles of art structure employing drawing, lettering, composition, color, and design in a different project each day. Three hours per week. *Fall quarter.*

ART 202, *Drawing for Primary and Grammar Grades* Two hours

Perspective, color theory and harmony, design, figure drawing, simple shading and mass arrangements, mural painting, and integration of art with other school subjects. Consideration is given to the level in which the student plans to teach. Prerequisite: Art 201. Three hours per week. *Winter quarter*

ART 203, *Industrial Art for Primary and Grammar Grades* Two hours

Designing and making simple forms in paper, cardboard, cloth, wire: clay modeling, papier-mâché, puppets; simple projects in wood construction, toys, and the use of tools suitable for the grade level. Consideration given to the area in which the student plans to teach. Prerequisites: Art 201, 202. Three hours per week. *Spring quarter*

ART 301, *Art Appreciation* Three hours

Principal forms of art developed by various cultures; architecture, painting, sculpture, art in handicraft and machine eras, industrial design, stage art, and commercial art. Prerequisite: six hours of art. Three hours per week. (Formerly Art 308.) *Fall and spring quarters*

ART 401, *Weaving* *Two hours*

An introduction to weaving using various types of loom, with special attention given to the needs of classroom teachers and those who work in camping and recreational programs. Emphasis is placed on creativity, use of inexpensive materials and easily constructed weaving devices. Each student will pay for the actual materials used and all articles made by the students become their property. *Fee $5.00 per term.* (Formerly Art 415.) *Summer*

Senior-Graduate Courses

ART 450, *Weaving* Three hours

Assembling a loom. Making warps and threading looms. Reading and writing drafts. Creating and constructing fabric designs

through various weaving techniques and yarn combinations. Samples and finished pieces. Each student will pay for the actual materials used and all articles made by the students become their property. *Fee $5.00.* Prerequisite: Art 401, or equivalent. (Formerly Art 416.) *Summer*

ART FOR HOME ECONOMICS MAJORS

ART 204, *Applied Design* Three hours

Application of color theory and perspective in drawings and decoration for interiors of rooms, figure analysis, costume design, and decorative design using various kinds of motifs. (Formerly Art 213.) *Winter quarter*

ART 205, *Decorative Design* Three hours

Execution of original designs suitable for different purposes, depending on media and technique used in block prints, stencils, silk screen on cloth, weaving, basketry, copper enamel work, and other crafts suitable to the classroom or summer camp. (Formerly Art 214.) *Spring quarter*

HOME ECONOMICS

PLAN I. The minium requirement for graduation — unstarred courses—prepares for North Carolina Certificate.

PLAN II. It is suggested that those planning to teach as a career, or planning to do graduate study in this field, elect as many special junior courses as possible.

PLAN III. For graduate study in nutrition, it is recommended that H. Ec. 404, 405, P. Ed. 211, or Bio. 301 be taken.

PLAN IV. Add H. Ec. 308, 309, 310, 311, Institutional Management courses.

HOME ECONOMICS 101, *Child Development* Three hours

Study and observation of preschool children. Three lectures and two hours observation. (Formerly Home Economics 151.) *Fall quarter*

HOME ECONOMICS 102, *Elementary Meal Planning, Preparation, and Table Service* Three hours

Care of laboratory and equipment; general principles of elementary food preparation; all types breakfast. One lecture and two laboratory periods per week. (Formerly Home Economics 104.) *Winter quarter*

HOME ECONOMICS 103, *Elementary Meal Preparation and Table Service* (Continued) Three hours

Etiquette, meal preparation, marketing. Prerequisite: Home Economics 102. (Formerly Home Economics 105.) *Spring quarter*

HOME ECONOMICS 201, *Elementary Textiles and Clothing Construction* Three hours

Three laboratory periods per week. Prerequisite to all courses in textiles and clothing. (Formerly Home Economics 101.) *Fall quarter*

HOME ECONOMICS 202, *Elementary Textiles and Clothing Selection* Three hours

Three laboratory periods per week. Prerequisite: Home Economics 201. (Formerly Home Economics 102.) *Winter quarter*

HOME ECONOMICS 203, *Elementary Textiles and Clothing Construction* (Continued) Three hours

Three laboratory periods per week. Prerequisites: Home Economics 201, 202. (Formerly Home Economics 103.) *Spring quarter*

HOME ECONOMICS 204, *Advanced Meal Preparation, Table Service, and Food Preservation* Three hours

Emphasis on nutritive values, marketing, hospitality, as well as schedule to save time and energy. Prerequisites: Home Economics 102, 103. One two-hour lecture and two laboratory periods per week. (Formerly Home Economics 206.) *Fall quarter*

HOME ECONOMICS 205, *Elementary Nutrition* Three hours

Relation of nutrition to health and physical fitness. Three hours per week. (Open elective Fall and Spring only.) (Formerly Home Economics 208.) *Every quarter*

HOME ECONOMICS 206, *Children's Clothing* Three hours

Three laboratory periods per week. Prerequisites: Home Economics 201, 202, 203. (Formerly Home Economics 212.) *Fall and winter quarters*

*HOME ECONOMICS 301, *Tailoring and Clothing Selection* Three hours

Three laboratory periods. Prerequisites: Home Economics 201, 202, 203, 206, Junior standing. (Formerly Home Economics 300.) *Winter and spring quarters*

HOME ECONOMICS 302, *Consumer Problems* Three hours

Use of resources to obtain satisfaction of personal and family needs. (Elective.) (Formerly Home Economics 311.) *Winter quarter*

HOME ECONOMICS 303, *Home Furnishing* Three hours

Selection and arrangement of furniture. Problems in selection, rearrangement, and refinishing. Practical problems. Prerequisites: Art 204, 205. One two-hour lecture and two laboratory periods per week. (Formerly Home Economics 313.) *Spring quarter*

HOME ECONOMICS 304, *Advanced Dressmaking* Three hours

Advanced problems in flat pattern design. Three laboratory periods. Prerequisites: Home Economics 201, 202, 203, Art 204, 205. (Formerly Home Economics 318.) *Fall and spring quarters*

*HOME ECONOMICS 305, *Furniture Appreciation* Three hours
Styles and periods in relation to home and family use. Prerequisites: Art 204, 205. (Elective.) (Formerly Home Economics 319.)
Winter quarter

HOME ECONOMICS 306, *Advanced Textiles* Three hours
(Formerly Home Economics 320.) *Offered on sufficient demand*

HOME ECONOMICS 307, *Household Equipment and Engineering* Three hours
Selection, operation, and care of appliances. Juniors. (Formerly Home Economics 340.) *Winter and spring quarters*

*HOME ECONOMICS 308, *Quantity Cookery* Four hours
Prerequisites: Home Economics 102, 103, 204, 205, and General and Organic Chemistry. (Formerly Home Economics 343.)
Fall quarter

*HOME ECONOMICS 309, *Organization and Administration: Personnel Management* Three hours
Problems in organization and management. (Formerly Home Economics 344.) *Winter quarter*

*HOME ECONOMICS 310, *Organization and Administration: Food Purchasing for Institutions* Three hours
Production, grading, storage, and purchase of goods in large quantities. (Formerly Home Economics 345.) *Spring quarter*

*HOME ECONOMICS 311, *Supervised Institutional Experience* Two hours
(Formerly Home Economics 346.) On demand. *Every quarter*

*HOME ECONOMICS 401, *Home Economics Materials and Teaching Aids* Two hours
(Formerly Home Economics 427.) *Fall and winter quarters*

HOME ECONOMICS 402, *Home Management House Residence* Five hours
One quarter residence in home management house. Utilization of income, time, labor, and talent. Varied experiences in family and social relationships. Prerequisite: Junior standing. (Formerly Home Economics 441.) *Every quarter*

HOME ECONOMICS 403, *Problems in Administration of Home Management House* One hour
Parallel to Home Economics 402—Junior standing.
Note: $120 per quarter is for student's room and board in Home Management House. (Formerly Home Economics 442.)
Every quarter

*HOME ECONOMICS 404, *Diet and Disease* Three hours
Nutrition in health and disease. Prerequisites: Home Economics 102, 103, 204, 205. (Elective.) (Formerly Home Economics 447.) *Spring quarter*

*HOME ECONOMICS 405, *Advanced Nutrition* Three hours
Advanced course in nutrition. Prerequisites: Home Economics 205 and Chemistry 201, 202, 203. Three double laboratory periods per week. (Formerly Home Economics 450.) *Winter quarter*

HOME ECONOMICS 406, *Home Nursing and Health of the Family* Three hours
Two lectures and one laboratory period per week. Junior standing. (Formerly Home Economics 482) *Winter and spring quarters*

WRITING

WRITING 100, *Remedial Writing* No credit
Non-credit for students who need to acquire a higher degree of legibility. Teachers may require students to take this course, and students who know they need such training may enter. *Fall quarter*

WRITING 301, *Writing* Two hours
Improving student's handwriting, and methods of teaching children standard letter formations. *Winter quarter*

WRITING 401, *Manuscript Writing* Two hours
This course consists of the study of the standard form with sufficient exercises to develop the technique of manuscript writing; also discussion of its relation to the language arts in the primary grades. (Formerly Writing 403.) *Spring quarter*

Department of Biology and General Science

BIOLOGY 101, *General Biology* Four hours
A foundation course in biology. *Fall quarter*

BIOLOGY 102, *General Biology* Four hours
A continuation of Biology 101. Prerequisite: Biology 101. *Winter quarter*

BIOLOGY 103, *General Biology* Four hours
A continuation of Biology 102. Prerequisite: Biology 102. *Spring quarter*

BIOLOGY 201, *Invertebrate Zoology* Three hours
A study of morphology, physiology, life history, and classification of representative invertebrate animals, and their economic importance. (Formerly Biology 208.) *Fall quarter*

BIOLOGY 202, *Vertebrate Zoology* Three hours
(Formerly Biology 205.) *Winter quarter*

BIOLOGY 203, *General Zoology* Three hours
(Not offered 1960-61.) *Spring quarter*

BIOLOGY 204, *Botany* Three hours
A taxonomic, morphological, and physiological survey of the plant kingdom. *Winter quarter*

BIOLOGY 205, *Botany* Three hours
A continuation of Biology 204. (Formerly Biology 204a.) *Spring quarter*

BIOLOGY 206, *General Botany* Three hours
(Not offered 1960-61.) *Spring quarter*

BIOLOGY 207, *Anatomy of the Vertebrates* Three hours
A comparative study of the origin, evolution, and present condition of the vertebrate structures. Prerequisite: General Biology. (Formerly Biology 205a.) *Spring quarter*

BIOLOGY 208, *General Bacteriology* Three hours
An introductory course to the study of bacteria. Prerequisites: General Biology and General Chemistry. (Formerly Biology 206.) *Fall and spring quarters*

BIOLOGY 209, *Embryology* Three hours
An introduction to vertebrate embryology. Prerequisite: General Biology. (Formerly Biology 221.) *Winter quarter*

BIOLOGY 301, *Introductory Animal Physiology* Three hours
Prerequisites: General Biology and General Chemistry. (Formerly Biology 310.) *Fall quarter*

BIOLOGY 401, *Problems and Projects in Biology* One to three hours
Individual problems or projects carried on by superior pupils under the supervision of the biology staff. Prerequisite: Junior or Senior standing and special permission. *Every quarter*

Senior-Graduate Courses

BIOLOGY 450, *Nature Study* Three hours
Observation of common plants and animals, methods of collecting, organizing, and presenting nature study materials in the grades. (Formerly Biology 407.) *Summer*

BIOLOGY 451, *Ornithology* Three hours
An introduction to the anatomy, physiology, behavior, ecology, and identification of birds. (Formerly Biology 410.) *Summer*

BIOLOGY 452, *Micro-technique* Three hours
Technical methods used in preparing materials for microscopic study, practical training in preparation of permanent slides of small organisms and tissues of higher organisms. Most work done in laboratory. (Formerly Biology 420.) *Fall quarter and summer*

BIOLOGY 453, *Histology* Three hours

Microscopic anatomy of the vertebrate body, including a study of the principal tissues and organs. (Formerly Biology 422.)

Winter quarter and summer

BIOLOGY 454, *Heredity and Eugenics* Three hours

A study of the basic principles of heredity and the application of these principles to the improvement of man. The relation of heredity and variation to evolution are considered. (Formerly Biology 423.) *Spring quarter and summer*

BIOLOGY 455 *Elementary Plant Physiology* Three hours

The basic principles of plant physiology. The fundamental plant processes such as cell properties, water relations, growth, photosynthesis, respiration, and mineral nutrition. (Formerly Biology 430.) *Summer*

Graduate Courses

BIOLOGY 500, *Plant Ecology* Three hours

Units of vegetation and plant succession. Factors of the habitat; soils and climate. Taxonomy of local flora and preparation of herbarium material. Five hours of lecture, laboratory, and field work each week. *Summer*

BIOLOGY 501, *Animal Ecology* Three hours

A study of the ecological principles, relationships, habitats, and economic importance of animals. *Fall quarter and summer*

BIOLOGY 502, *Fresh Water Biology* Three hours

A study of the physical, chemical, and biological factors affecting productivity in lakes, ponds, and streams. Largely a field course dealing with various approved methods of studying the fresh waters of North Carolina. *Summer*

BIOLOGY 503, *Bacteriology of Water, Milk, Food, and Sewage* Three hours

Laboratory and field methods dealing with the sanitary aspects of foods and food handling; sources and kinds of bacteria in milk; water and sewage with their sanitary significance. (Formerly Biology 504.) *Summer*

BIOLOGY 504, *Taxonomy of Seed Plants* Three hours

A study of the gross structure, reproduction, and development of the spermatophytes. Special emphasis is placed upon the classification and naming of the flowering plants. (Formerly Biology 505.) *Summer*

BIOLOGY 505, *Animal Physiology* Three hours

A study of the physiological principles of the vertebrates. Laboratory experiments, reports, readings, and lectures. (Formerly Biology 506.) *Winter quarter and summer*

BIOLOGY 506, *Biological Problems* Three hours

Graduate students with an approved subject of investigation, leading to the development of their master's thesis, may register for this course. The work will be subject to their individual needs. (Formerly Biology 507.) *Fall quarter and summer*

BIOLOGY 507, *Seminar* Three hours

Lectures, readings, and discussions dealing with biological principles and theories. (Formerly Biology 508.)
Spring quarter and summer

BIOLOGY 508, *Biology in the High School* Three hours

Review of topics covered in high school biology with emphasis upon recent advancements in these fields. Methods and materials will also be considered. (Formerly Biology 509.) *Summer*

BIOLOGY 509, *Evolution* .... *Three hours*

The evidences of organic evolution will be considered and evaluated from the paleontological, morphological, and physiological standpoints. (Formerly Biology 510.) *Spring quarter and summer*

BIOLOGY 510, *Entomology* Three hours

A study of injurious and beneficial insects, their classification, life histories, distribution, and influence upon man. Methods of collecting and preserving insects are considered, and each student is required to prepare a representative collection. (Formerly Biology 525.) *Summer*

BIOLOGY 511, *Field Biology* Six hours

This is to be a concentrated course in field botany and field zoology. The entire course will consist of a three-week unit in field botany and a three-week unit in field zoology. Each unit will be taught for two three-week periods and the participants will be divided so that there will not be over twenty-five per class. The course is in conjunction with the National Science Foundation Institute only. Registration will be limited. (Formerly Biology 530.) *Summer*

BIOLOGY 512, *Local Flora* Three hours

A course designed specifically for the primary and grammar grade teachers. A study of the common flora and economic plants of North Carolina including the collection, common name identification, and methods of preservation. (Formerly Biology 552.)
Summer

BIOLOGY 550, *Master of Arts Thesis* Six hours

See Education 550. *Every quarter*

GENERAL SCIENCE

GENERAL SCIENCE 101, 102, 103, *General Science* Three hours each
A survey course in natural and physical science, designed primarily for those who plan to teach in the elementary schools.
Fall, winter, and spring quarters

GENERAL SCIENCE 401, *Methods in Elementary Science* Three hours
Methods and materials in elementary science. (Formerly Science 450.) *Every quarter*

Senior-Graduate Courses

GENERAL SCIENCE 450, *Science in Elementary Grades* Three hours
A course in science for elementary school workers. (Formerly Science 463.) *Summer*

GENERAL SCIENCE 451, *Workshop for Teachers in Elementary School Science* Three or six hours
See Education 451. (Formerly Science 463a.)
Extension and summer

GEOLOGY

GEOLOGY 301, *Introductory Geology* Three hours
(Formerly Geography 311.) *Fall and winter quarters*

GEOLOGY 302, *Geology of North Carolina* Three hours
Prerequisite: Geology 301. (Formerly Geography 312.)
Winter and spring quarters

Department of Business Education

The Department of Business Education, Appalachian State Teachers College, is an institutional member of the National Association of Business Teacher-Training Institutions (NABTTI).

BUSINESS EDUCATION 101, 102, 103, *Typewriting* Three hours each
The typewriting keyboard and theory. Students who have completed successfully one semester of typewriting in secondary school, or equivalent, will be required to register for Business Education 102. *Fall, winter, and spring quarters*

BUSINESS EDUCATION 104, *Business Mathematics* Three hours
The fundamental process of mathematics and application to common business practices. (Formerly Business Education 121.)
Fall quarter

BUSINESS EDUCATION 201, 202, 203, *Shorthand* Three hours each

Mastery of principles of Gregg Shorthand and ability to take dictation. Students who have completed successfully one semester of shorthand in secondary school, or equivalent, will be required to register for Business Education 202. (Formerly Business Education 204, 205, 206.) *Fall, winter, and spring quarters*

BUSINESS EDUCATION 204, 205, 206, *Elementary Accounting* Three hours each

Principles and fundamentals of accounting procedure and practices. (Formerly Business Education 210, 211, 212.) *Fall, winter, and spring quarters*

BUSINESS EDUCATION 300, *Typewriting* Three hours

A terminal course for non-business-teachers in the use of the typewriter and duplicating machines. *Spring quarter*

BUSINESS EDUCATION 301, *Principles of Selling* Three hours

A study of the basic principles and techniques of selling. *Spring quarter*

BUSINESS EDUCATION 302, *Business Correspondence* Three hours

The principles and application of business letter writing. (Formerly Business Education 308) *Winter and spring quarters*

BUSINESS EDUCATION 303, *Office Machines* Three hours

Practice in the use of common office machines. Prerequisites: Typewriting and Accounting. (Formerly Business Education 309.) *Fall, winter, and spring quarters*

BUSINESS EDUCATION 304, 305, *Advanced Shorthand* Three hours each

Ability to take rapid dictation and transcribe it. Prerequisites: Business Education 202, 203. (Formerly Business Education 316, 317.) Fall and winter quarters

BUSINESS EDUCATION 306, 307, 308, *Intermediate Accounting* Three hours each

Application of accounting to various forms of business organization. Prerequisites: Business Education 204, 205, 206. (Business Education 308 Elective.) (Formerly Business Education 322, 323, 324.) *Fall, winter, and spring quarters*

BUSINESS EDUCATION 401, *Business Law* Three hours

Law relating to business, technical principles involved in contracts, negotiable instruments, and agency. (Formerly Business Education 421.) *Winter and spring quarters*

BUSINESS EDUCATION 402, *Business Policies and Practices* Three hours

A study of the basic policies and practices in performing the functions of business. (Formerly Business Education 423.) *Fall quarter*

BUSINESS EDUCATION 403, *Office Practice* Three hours
At least ninety hours of actual work in an office. Group conferences to be arranged. (Formerly Business Education 424.)
Every quarter

BUSINESS EDUCATION 404, *Principles of Business Education* Three hours
A study of the curriculum, current problems, and other interrelated factors in business education. (Formerly Business Education 427.) *Fall and winter quarters*

BUSINESS EDUCATION 405, *Materials and Methods of Teaching the Non-Skill Business Courses* Three hours
A study of the use of different teaching aids and successful methods used in the teaching of the basic business subjects. (Formerly Business Education 429.) *Spring quarter*

Senior-Graduate Courses

BUSINESS EDUCATION 450, *Principles of Insurance* Three hours
A theoretical and practical study of the different kinds of insurance. (Accepted as economics elective.) *Winter quarter*

BUSINESS EDUCATION 451, *Office Management* Three hours
A study of principles of scientific management as they relate to the office. *Fall quarter*

BUSINESS EDUCATION 452, *Tax Accounting* Three hours
A study of the Federal Income Tax Laws and preparation of tax reports. Prerequisites: Business Education 204, 205, 206.
Spring quarter

BUSINESS EDUCATION 453, *Theory of Accounting* Three hours
A further study of the basic principles of accounting. *Summer*

Graduate Courses

BUSINESS EDUCATION 500, *Research in Business Education* Three hours
Directed independent research in the field of business education.
Every quarter

BUSINESS EDUCATION 501, *Survey of Business Finance* Three hours
Principles and problems of financing a business enterprise and their relationship to the investor and the consumer. *Summer*

BUSINESS EDUCATION 502, *Marketing Problems and Policies* Three hours
Marketing organizations and methods with emphasis upon functions, institutions, and channels and their relationship to the consumer. *Summer*

BUSINESS EDUCATION 503, *Advanced Business Law* Three hours
Law as it applies to the everyday business transactions of individuals and the organization and operation of a business enterprise. *Summer*

BUSINESS EDUCATION 504, *Theory of Auditing* Three hours
Basic principles of auditing with emphasis on analyzing and verifying records and reports. *Summer*

BUSINESS EDUCATION 505, *Current Problems in Business Education* Three hours
Problems in organizing and administering a business education program in the high schools. *Summer*

BUSINESS EDUCATION 506, *Improvement of Instruction of the Secretarial Subjects* Three hours
Trends and research in the teaching of shorthand, typewriting, and related subjects. *Summer*

BUSINESS EDUCATION 507, *Improvement of Instruction of the Basic Business Subjects* Three hours
Objectives, organization of the curriculum, instructional materials, and methods of instruction of the basic business subjects. *Summer*

BUSINESS EDUCATION 508, *Business Report Writing* Three hours
A study of principles and functions of communications for a business enterprise. *Summer*

BUSINESS EDUCATION 550, *Master of Arts Thesis* Six hours
See Education 550. *Every quarter*

Department of Chemistry

CHEMISTRY 101, 102, 103, *General Chemistry* Four hours each
A study of the basic principles of chemistry, including the modern concept of the atom and how it explains the properties of the elements. The properties of the elements in the various periodic classifications are studied. *Fall, winter, and spring quarters*

CHEMISTRY 104, 105, *General Chemistry* Four hours each
A more advanced review of the basic principles of chemistry. Open to Chemistry majors who show adequate prior training in general chemistry. *Fall and winter quarters*

CHEMISTRY 106, *Qualitative Inorganic Analysis* Four hours
A study of the general principles involved in the separation and identification of the more common cations and anions. Prerequisite: General Chemistry. (Formerly Chemistry 307.)
Fall and spring quarters

CHEMISTRY 201, 202, 203, *Organic Chemistry* Four hours each
A thorough study of the chemistry of aliphatic, alicyclic, aromatic, and heterocyclic organic compounds. Prerequisite: General Chemistry. (Formerly Chemistry 204, 205, 206.)
Fall, winter, and spring quarters

CHEMISTRY 204, 205, 206, *Organic Chemistry* Three hours each
An introduction to the chemistry of organic compounds with particular emphasis on physiological applications. Open to Home Economics majors only. Prerequisite: General Chemistry. (Formerly Chemistry 204a, 205a, 206a.) *Fall, winter, and spring quarters*

CHEMISTRY 301, 302, 303, *Physical Chemistry* Four hours each
Mathematical treatment of the theories underlying the properties and relationships of solids, liquids, gases, and solutions of these. This includes thermodynamics, chemical kinetics, photochemistry, electrochemistry, and radiochemistry. Prerequisites: Mathematics 301, 302, 303. *Fall, winter, and spring quarters*

CHEMISTRY 401, *Volumetric Quantitative Analysis* Four hours
Volumetric methods of quantitative analysis based on stoichiometry. Includes classical titrations and modern methods such as electronetric methods and photometry. Prerequisites: Chemistry 301, 302, 303. (Formerly Chemistry 308.) *Fall quarter*

CHEMISTRY 402, *Gravimetric Quantitative Analysis* Four hours
Standard gravimetric procedures in quantitative analysis. Also includes electrodesposition methods and special industrial methods of analysis. Prerequisite: General Chemistry. (Formerly Chemistry 309.) *Spring quarter*

Senior-Graduate Courses

CHEMISTRY 450, *Qualitative Organic Analysis* Three hours
A systematic approach to the identification of organic compounds. Largely laboratory practice in identifying unknown organic compounds, and weekly conferences. Admission by approval of instructor in charge. *Winter quarter*

Graduate Courses

CHEMISTRY 500, *Modern Chemistry* Three hours
Advanced reviews of principles of general chemistry with emphasis on modern atomic theory. Includes more mathematical treatment of physico-chemical principles and an introduction to modern methods of chemical analysis. Admission by approval of instructor. *Summer*

Department of Education

EDUCATION 201, 202, *Music in the Elementary School* Two hours each

Presentation of a definite philosophical and psychological approach to the teaching of music in the public schools. Discussion of curricular plans and materials from kindergarten through the sixth grade. (Formerly Education 221, 222.)

Winter and spring quarters

EDUCATION 301, 302, 303, *The School* Three hours each

A study of the development and organization; management, administration, and curriculum; materials, methods, and principles of instruction in schools in the United States. Purposeful directed observation. Differentiation for elementary and secondary school majors. Professional laboratory experiences are provided as an integral part of these courses. (These courses must be taken concurrently with Psychology 301, 302, 303.) (Formerly Education 331, 332, 333.) *Fall, winter, and spring quarters*

EDUCATION 304, *Elementary Social Studies* Three hours

The place of social studies in the elementary curriculum: objectives, instructional procedures, materials, and evaluative criteria. (Formerly Education 303.) *Spring quarter and summer*

EDUCATION 305, 306, *Music in the Secondary School* Two hours each

This course emphasizes the place of music in the education of adolescent students. Education 305 deals specifically with materials and activities appropriate for the elective and specialized aspects of the junior high school while Education 306 deals with these same aspects on the senior high school level. (Formerly Education 322, 323.) *Fall and winter quarters*

EDUCATION 307, 308, 309, *Piano Pedagogy* Two hours each

A course in the teaching of piano with a study of various approaches both in private and class methods. Problems of setting up and operating a studio. (Formerly Education 324, 325, 326.)

Fall, winter, and spring quarters

EDUCATION 310, *Foundations of Reading Instruction in Elementary Grades* Three hours

Emphasis is to be placed upon an understanding of all aspects of the total reading program in the elementary school.

Every quarter

EDUCATION 401, *Primary Reading* Three hours

Principles and practices of a balanced reading program. A study of systematic and differentiated procedures based on recent research. Prerequisites: Education 301, 302, 310, Psychology 301, 302. *Fall and spring quarters*

EDUCATION 402, *Primary Arithmetic* Three hours

Ways and means of developing number ideas and associating number symbols; fundamental number facts; and fundamental operations with integers; the decimal system; use of simple fractional parts of number. Prerequisites: Education 301, 302, Psychology 301, 302. (Formerly Education 405.)

Fall and winter quarters

EDUCATION 403, *Teaching Grammar Grade Arithmetic* Three hours

Investigations as to how children learn the fundamental processes, accuracy, and speed as motives, denominate numbers and further use of fractions. Prerequisites: Education 301, 302, Psychology 301, 302. (Formerly Education 406.) *Every quarter*

EDUCATION 404, *Teaching Grammar Grade Reading* Three hours

Teaching the fundamentals of reading at the grammar grade level; improvement of word recognition skills, rate, and comprehension; development of effective reading-study techniques. Prerequisites: Education 301, 302, 310, Psychology 301, 302. (Formerly Education 413.) *Fall and spring quarters*

EDUCATION 405, *Student Teaching, Elementary School* Fifteen hours

See Student Teaching (page 47). (Formerly Education 414.)

Every quarter

EDUCATION 406, *Advanced Student Teaching* Ten hours

An advanced course in student teaching during the session of the elementary laboratory school, June to August. Open only to those who have teaching experience. Application for this course must be made to the Director of Student Teaching by March 1. (Formerly Education 414a.) *Summer*

EDUCATION 407, *Student Teaching, High School* Fifteen hours

See Student Teaching (page 47). (Formerly Education 415.)

Every quarter

EDUCATION 408, *Teaching High School Mathematics* Three hours

Prerequisites: Education 301, 302, Psychology 301, 302. (Formerly Education 420.) *Fall and spring quarters and summer*

EDUCATION 409, *Teaching High School Science* Three hours

Prerequisites: Education 301, 302, Psychology 301, 302. (Formerly Education 423.) *Every quarter*

EDUCATION 410, *Teaching High School Social Studies* Three hours

Prerequisites: Education 301, 302, Psychology 301, 302. (Formerly Education 424.) *Every quarter*

EDUCATION 411, *Teaching High School English* Three hours

Prerequisites: Education 301, 302, Psychology 301, 302. (Formerly Education 425.) *Fall and spring quarters and summer*

EDUCATION 412, *Teaching Modern Languages* Three hours
Prerequisites: Education 301, 302, Psychology 301, 302. (Formerly Education 426.) *Fall quarter and summer*

EDUCATION 413, *Teaching Home Economics* Three hours
Prerequisites: Education 301, 302, Psychology 301, 302. (Formerly Education 427.) *Fall and spring quarters*

EDUCATION 414, *Teaching Physical Education* *Three hours*
Prerequisites: Education 301, 302, Psychology 301, 302. (Formerly Education 428.) *Every quarter*

EDUCATION 415, *Instrumental Methods and Materials* Four hours
A comprehensive survey of the materials and methods employed in instrumental class teaching. Prerequisites: Education 301, 302, Psychology 301, 302. (Formerly Education 429.)
Fall quarter

EDUCATION 416, *Teaching of Industrial Arts* Three hours
Prerequisites: Education 301, 302, Psychology 301, 302. (Formerly Education 431.) (Not offered 1960-61.)

EDUCATION 417, *Teaching Business Education* Three hours
Prerequisites: Education 301, 302, Psychology 301, 302. (Formerly Education 470.) *Every quarter*

EDUCATION 418, *Substitute Teaching* Three hours
See Substitute Teaching (page 49). (Formerly Education 460.)
Every quarter

Senior-Graduate Courses

EDUCATION 450, *Literature and the Child* Three hours
An interpretation and critical study of literature suitable for children. (Formerly Education 411.) *Fall quarter*

EDUCATION 451, *Workshop for Teachers in Elementary School Science* Three or six hours
See General Science 451. (Formerly Education 463a.) *Extension*

EDUCATION 452, *Diagnostic and Remedial Teaching* Three hours
A study of the problems of discovering the cause or lack of progress in elementary school and the remedies to correct it. (Formerly Education 446.) *Winter quarter*

EDUCATION 453, *Art Education Workshop* Three or six hours
(Formerly Education 456.) *Summer and extension*

EDUCATION 454, *Speech Education Workshop* Three hours
(Formerly Education 457.) *Summer*

EDUCATION 455, *Honor Teaching* Four hours*
See Honor Teaching (page 49).
*Graduate students may earn only three quarter hours. (Formerly Education 461.) *Every quarter*

EDUCATION 456, *Workshop for Teachers in the Use of the Library* Three or six hours
See Library Science 456. (Formerly Education 476.) *Extension*

EDUCATION 457, *Workshop for Teachers in Elementary School Arithmetic* Three or six hours
See Mathematics 457. (Formerly Education 472a.) *Extension*

EDUCATION 458, *Workshop for Teachers in Secondary School Mathematics* *Three or six hours*
See Mathematics 458. (Formerly Education 472b.) *Extension*

EDUCATION 459, *Workshop for Teachers in Social Studies Education* Three or six hours
See Social Studies 459. (Formerly Education 477.) *Extension*

EDUCATION 460, *Workshop for Teachers in Teaching Spelling and Composition* *Three or six hours*
See English 460. (Formerly Education 437d.) *Extension*

EDUCATION 461, *Practicum in Instrumental Music* Three hours
Problems of administration, scheduling, and instruction in a summer band camp program. Includes laboratory experiences in Appalachian Summer Band Camp program. (Formerly Education 465.) *Summer*

EDUCATION 462, *Reading in High School* Three hours
This course deals with the reading problems encountered on this level, reading in the content areas of the curriculum, and the total school responsibility in reading improvement. Opportunities for practical application are provided. (Formerly Education 466.) *Every quarter*

EDUCATION 463, *Workshop in the Public School Curriculum* Three or six hours
Summer and extension

EDUCATION 464, *Workshop for Teachers in Teaching of Reading* Three or six hours
(Formerly Education 473.) *Summer and extension*

EDUCATION 465, *Workshop in Language Arts* Three or six hours
(Formerly Education 474.) *Extension*

EDUCATION 466, *Workshop for Teachers in the Use of Instructional Materials Including Audio-Visual* Three or six hours
(Formerly Education 475.) *Extension*

EDUCATION 467, *Correlating Teaching with the Library* Three hours
This course is planned to help the classroom teacher better understand the function and use of the school library, to learn how to use it as a means of vitalizing teaching. (Not open to Library Science majors.) (Formerly Education 478.)
Fall quarter and summer

EDUCATION 468, *Workshop on Television Teaching* Three hours
Summer

EDUCATION 469, *Music Education Workshop* Three hours
(Formerly Education 487.) *Summer*

EDUCATION 470, *Health Education Workshop* Three hours
(Formerly Education 488.) *Summer*

EDUCATION 471, *The Elementary Curriculum* Three hours
A study of the elementary school curriculum in modern schools, recent trends in curriculum revision and organization. (Formerly Education 491.) *Summer*

EDUCATION 472, *Diagnostic and Remedial Reading* Three hours
A treatment of such topics as reading difficulties, their causes, and correction procedures. Opportunities for practical application are provided. (Formerly Education 492a.) *Every quarter*

EDUCATION 473, *Diagnostic and Remedial Reading* Three hours
A continuation of Education 472. (Formerly Education 492b.)
Every quarter

EDUCATION 474, *Student Teaching Workshop* Three hours
(Formerly Education 493.) *Summer*

EDUCATION 475, *Audio-Visual Aids in Education* Three hours
A treatment of curriculum enrichment through the use of audio-visual materials, general principles underlying the selection, production, and use of materials for instructional purposes. (Formerly Education 494.) *Every quarter*

EDUCATION 476, *Children's Literature Workshop* Three hours
(Formerly Education 495.) *Summer*

EDUCATION 477, *Teaching of Reading* Three hours
Deals with current practices, materials, and philosophy of teaching reading on all levels of the elementary school. (Formerly Education 497.) *Spring quarter and summer*

EDUCATION 478, *Principles of Guidance in the School* Three hours
An introductory study of public school guidance and counseling programs and practices. (Formerly Education 498a, b.)
Every quarter

EDUCATION 479, *Workshop for Teachers in Guidance and Counseling* Three or six hours
(Formerly Education 499.) *Summer and extension*

Graduate Courses

EDUCATION 500, *Research in Education* Three hours

Involves the study of the various types of research and the logical organization of research and reporting. Required in first quarter for persons working for Master of Arts degree.

Every quarter

EDUCATION 501, *Basic Principles and Techniques in Education Administration* Three hours

Deals with basic structure, organization and administration of American public education; the role of the various agencies and administrative personnel; financial support; special problems. Prerequisite: three years' teaching experience. *Summer quarter*

EDUCATION 502, *Organization and Administration of Secondary Schools* Three hours

Secondary education and administration, research, curriculum, schedule making, opening and closing of school. Prerequisite: three years' teaching experience. (Formerly Education 502a.)

Fall quarter

EDUCATION 503, *Problems of the High School Principal* Three hours

A study of the practical problems involved in secondary schools. Prerequisite: three years' teaching experience. (Formerly Education 502b.) *Spring quarter*

EDUCATION 504, *Elementary School Organization and Administration* Three hours

Includes the role of the administrator in modern elementary education. Prerequisite: three years' teaching experience. (Formerly Education 503.) *Winter quarter*

EDUCATION 505, *Supervision of Instruction* Three hours

The nature and function of supervision, recent trends, teacher participation in policy formation, the organization and planning of supervision. Prerequisite: three years' teaching experience. (Formerly Education 504.) *Spring quarter*

EDUCATION 506, *Curriculum Construction: General Principles* Three hours

Seeks to identify sound principles, effective practices, and techniques appropriate for over-all curriculum planning. (Formerly Education 505.) *Fall quarter*

EDUCATION 507, *Growth and Development of the School Child* Three hours

A study of the physical, mental, emotional, and social aspects of human development during the periods of childhood and adolescence. *Winter quarter and summer*

EDUCATION 508, *Remedial Reading* Three hours
Review of remedial techniques used in the treatment of reading problems. Application of materials and methods for remedial work. Prerequisite: Education 472. *Summer*

EDUCATION 509, *Use and Interpretation of Educational Tests and Measurements* Three hours
A survey and study of the principles of the construction of standard tests. Includes a consideration of good practices in teacher-made tests. *Winter quarter*

EDUCATION 510, *Extra-Curricular Activities* Three hours
Extra-curricular activities which modern schools are expected to carry out as a part of their educational program. *Fall quarter*

EDUCATION 511, *Investigations in Reading* Three hours
Investigations are made of the literature and research dealing with the teaching of reading. *Winter quarter*

EDUCATION 512, *Mental Hygiene in Teaching* Three hours
Application of the principles of personality growth and development to the mental hygiene problems of the classroom, school, and the community. *Spring quarter*

EDUCATION 513, *Teaching and Supervision of the Language Arts in the Elementary Grades* Three hours
Oral and written communication; reading and children's literature. *Summer*

EDUCATION 514, *The Psychology of Behavior Disorders* Three hours
Study of personality maladjustments, delinquency, and emotional instability; methods of therapy used in the treatment of the more serious behavior difficulties. *Spring quarter*

EDUCATION 515, *Organization and Supervision of Student Teaching* Three hours
Origin and development of student teaching, including present status and trends. (Formerly Education 518a.) *Winter quarter*

EDUCATION 516, *Activities and Techniques of the Supervision of Student Teaching* Three hours
General techniques of a supervising teacher, including observation; guiding student teachers in planning; orientation of student teachers; student teacher participation; evaluations. (Formerly Education 518b.) *Spring quarter*

EDUCATION 517, *County and City School Supervision* Three hours
This course is planned for students preparing for positions as general county and city supervisors. (Formerly Education 519.) *Summer*

EDUCATION 518, *Public School Finance* Three hours
Analysis of legal, economic, sociological, and philosophical foundations; survey of guiding principles and current practices in the administration of financial transactions. Prerequisite: three years' teaching experience. (Formerly Education 520.) *Summer*

EDUCATION 519, *Analysis of the Individual* Three hours
An application of psychological principles and guidance techniques to self-appraisal and appraisal of the personality of others. (Formerly Education 521.) *Winter quarter and summer*

EDUCATION 520, *Occupational and Educational Information* Three hours
Designed to acquaint teachers and counselors with sources and uses of vocational and educational information. (Formerly Education 522.) *Spring quarter and summer*

EDUCATION 521, *Practicum in Counseling* Six hours
Actual practice in the application of guidance techniques for those majoring in counseling and other guidance. Prerequisites: Completion of all other requirements for a degree in counseling. (Formerly Education 523.) *Every quarter*

EDUCATION 522, *Tools and Techniques of Guidance* Three hours
Designed to integrate psychological principles with the tools and techniques in the guidance area in the diagnosing of problems of adjustment. Prerequisites: Education 478, Psychology 450. (Formerly Education 524.) *Summer*

EDUCATION 523, *Organization and Administration of Guidance Services* Three hours
Primarily designed for those who desire to study the methods of introducing and establishing a school guidance program. Prerequisite: Education 478. (Formerly Education 525.) *Spring quarter and summer*

EDUCATION 524, *Seminar in Guidance* Three hours
Each individual will select some phase of guidance work, according to his special interests, for research and study. Prerequisites: Education 478, 500, 520, 523. (Formerly Education 526.) *Summer*

EDUCATION 525, *Independent Study in Guidance* Three hours
(Formerly Education 528.) *Every quarter*

EDUCATION 526, *Group Methods in Guidance* Three hours
A study of group guidance methods and techniques most adaptable to public school guidance work and home room programs. (Formerly Education 529.) *Fall quarter*

EDUCATION 527, *Psychological and Diagnostic Testing*
Three hours

Designed to give experience in administering, scoring, and interpreting various psychological tests. (Formerly Education 530.)
Summer

EDUCATION 528, *Utilization and Preparation of Audio-Visual Aids*
Three hours

A practical course affording teachers practice in the integration of resources, materials, techniques, methods, and equipment in the instructional program. Also deals with production techniques and their application in teaching. Prerequisite: Education 475. (Formerly Education 531.) *Spring quarter and summer*

EDUCATION 529, *The Organization and Supervision of School Music* Three hours

The responsibilities of the music supervisor in relation to the classroom teacher, the music teacher, and the school administration. (Formerly Education 532.) *Winter quarter and summer*

EDUCATION 530, *Independent Work in Music Education*
Three hours

An individually directed study in some phase of music education which meets the needs of the individual. Prerequisite: Education 500. (Formerly Education 533.) *Every quarter*

EDUCATION 531, *Seminar in Music Education* Three hours

A review of the philosophy and practices in music education. Reading of current studies, articles, and books. (Formerly Education 535.) *Fall quarter and summer*

EDUCATION 532, *Audio-Visual Workshop* Three hours
(Formerly Education 536.) *Summer*

EDUCATION 533, *Elementary Education Workshop* Three hours
(Formerly Education 537a, b, c.) *Summer*

EDUCATION 534, *Statistical Methods in Education* Three hours

Emphasizes interpretation and use, but includes calculation of basic statistics. (Formerly Education 540.) *Summer*

EDUCATION 535, *Philosophy of Education* Three hours

The biological, psychological, and sociological principles underlying modern life in a democracy will be examined critically as a basis for a sound philosophy of education. (Formerly Education 542.) *Summer*

EDUCATION 536, *The School in Community Life* Three hours

A course planned to develop an outlook and point of view which will enable the school to render a greater service to its community. (Formerly Education 543.) *Summer*

EDUCATION 537, *Administration of Audio-Visual Aid Materials* Three hours

Includes the selection and evaluation of materials and equipment, and appraises the adequacy and effectiveness of the audio-visual program. Prerequisite: Education 475, or administrative experience. (Formerly Education 545.) *Summer*

EDUCATION 538, *Foundations of Group Methods* Three hours

A study of the underlying ideas, problems, and dynamics of organizing and managing groups with emphasis on educational settings. (Formerly Education 546.) *Summer*

EDUCATION 539, *The Core Curriculum* Three hours

A study of the development and organization of the core curriculum with consideration given to objectives, methods, activities, and evaluations of this type of curriculum. (Formerly Education 547.) *Summer*

EDUCATION 540, *Internship in School Administration* Six, nine or twelve hours

Arrangements may be made for certain students to serve as interns under some exceptionally good administrators to gain actual experience as principal, supervisor of instruction, or superintendent. Program may be set up to allow either a full quarter of internship or for part-time internship while employed in a school system. (Formerly Education 548.) *Every quarter*

EDUCATION 541, *Internship Program for Supervising Teachers* Three hours

A program designed for regularly employed public school teachers in which experiences will be provided to enable a supervising teacher to do a better job of supervising the work of a student teacher. (Formerly Education 549.)

Fall, winter, and spring quarters

EDUCATION 542, *Junior College Instruction Program* Three hours

A study of the materials and techniques of instruction used at the junior college level. (Formerly Education 560.)

Offered on sufficient demand and summer

EDUCATION 543, *Organization and Administration of the Junior College* Three hours

(Formerly Education 561.)

Offered on sufficient demand and summer

EDUCATION 544, *Seminar on Junior Colleges* Three hours

Discussion and analysis of the problems, research, and recent trends in the junior college. (Formerly Education 562.)

Every quarter

EDUCATION 545, *Practicum in Junior College Teaching* Three hours

(Formerly Education 563.) *Every quarter*

EDUCATION 546, *Camp Leadership and Camp Administration* Three hours

The training of counselors for organized camping, with special reference to school camping programs. Planning, scheduling, and conducting the various phases of the program. Includes laboratory experiences in the Appalachian High School Camp program. (Formerly Education 565.) *Summer*

EDUCATION 547, *School Camping and the Curriculum* Three hours

Considers the philosophy of camping, emphasizes the curriculum relationships on the elementary and high school levels, and includes appropriate laboratory experiences in the Appalachian High School Camp program. (Formerly Education 566.) *Summer*

EDUCATION 548, *Independent Work in Reading* Three hours

This course permits a student to study independently on a topic in reading which must be approved by the instructor. It may be taken either on or off campus while the person is teaching. Arrangements must be made for periodic conferences. (Formerly Education 568a.) *Fall, winter, spring quarters and summer*

EDUCATION 549, *Independent Work in Reading* Three hours

A continuation of Education 548. (Formerly Education 568b.) *Fall, winter, spring quarters and summer*

EDUCATION 550, *Master of Arts Thesis* Six hours

For students registering for work on the thesis. The professor's name on the registration card will indicate under whose direction the work is to be done. The thesis title will carry the name of the department in which the thesis is written. For example, a thesis written in social studies will be numbered Social Studies 550. *Every quarter*

EDUCATION 551, *Field Experience in Teaching Reading* Three to nine hours

(Formerly Education 569.) *Summer*

EDUCATION 552, *Supervision of Junior College Instruction* Three hours

Organization and planning of supervision, the development of skills in cooperative planning, and the evaluation of activities for the college student. (Formerly Education 570.) *Summer*

EDUCATION 553, *Planning the Community College* Three hours

Analyzing communities and determining aims and objectives in planning curricula in general education and vocational education for the modern community college. (Formerly Education 571.) *Summer*

EDUCATION 554, *Research in Audio-Visual Education* Three hours
Consists of individual research on a problem in the field of audio-visual education and communication media. May include investigations in the areas of audio-visual administration, analysis of content; and effects of educational communications. Prerequisites: Education 475, Education 528. (Formerly Education 572.)
Offered on sufficient demand

EDUCATION 555, *Seminar in Audio-Visual Education* Three hours
Investigates theory and research related to administrative and financial aspects of local, state, and national audio-visual programs; curricular integration of audio-visual materials for schools; relationship of production techniques to educational outcomes; and the effects of communications on attitudes and social action. Prerequisites: Education 475, Education 537. (Formerly Education 573.) *Offered on sufficient demand*

Department of English

Students who desire to do so may qualify for graduation in English alone by electing eighteen additional hours in English and related fields above the requirements for certification. The department will accept nine hours from the following courses: Art 301, Music 401, Library Science 454, History 301, 302, 303, and Speech 401.

ENGLISH 101, 102, 103, *Grammar and Composition*
Three hours each
Fundamentals of written and oral composition. Required of all freshmen. Prerequisite to any other course in English.
Fall, winter, and spring quarters

ENGLISH 201, 202, 203, *English Literature* Three hours each
A survey of English literature from its beginning to the twentieth century. Required of all sophomores. Prerequisites: English 101, 102, 103. (Formerly English 204, 205, 206.)
Fall, winter, and spring quarters

ENGLISH 204, *Backgrounds of English Literature* Three hours
Masterpieces of classical European literature and their influence on English and American writers. (Formerly English 210.)
Fall quarter

ENGLISH 205, *Elements of Journalism* Three hours
Writing news stories, editorials, features, and reviews; make-up of school and college newspapers. (Formerly English 221)
Every quarter on sufficient demand

ENGLISH 206, *Advanced Composition* Three hours
(Formerly English 251.) *Every quarter*

ENGLISH 301, 302, 303, *American Literature* Three hours each
A survey of American literature from its beginnings to the present. Prerequisite: junior standing. (Formerly English 307, 308, 309.) *Fall, winter, and spring quarters*

ENGLISH 304, *Contemporary Literature* Three hours
American literature from 1900 to the present. (Formerly English 311a.) *Fall and winter quarters*

ENGLISH 305, *Contemporary Literature* Three hours
English literature from 1900 to the present. (Formerly English 311b.) *Spring quarter*

ENGLISH 306, *The Short Story* Three hours
Development of the short story in America and tendencies in the contemporary short story of America and England. (Formerly English 325.) *Winter quarter*

ENGLISH 307, *Advanced English Grammar* Three hours
(Formerly English 350.) *Every quarter*

ENGLISH 401, *Advanced English Grammar* Three hours
(For English and Modern Language majors.) (Formerly English 450.) *Every quarter*

Senior-Graduate Courses

ENGLISH 450, *Workshop in the Living Folk Arts of the Appalachian Mountain People* Three hours
(Formerly English 400.) Summer

ENGLISH 451, *Chaucer* Three hours
Reading and interpretation of selections from *The Canterbury Tales.* (Formerly English 416.) *Fall quarter*

ENGLISH 452, *Shakespeare's Comedies* Three hours
An analytical study of four representative comedies; oral and written reports on additional comedies and collateral reading. (Formerly English 417b.) *Fall and spring quarters*

ENGLISH 453, *Shakespeare's Tragedies* Three hours
Intensive study of *Macbeth, Hamlet, King Lear,* and *Othello;* oral and written reports on additional tragedies and collateral reading. (Formerly English 417c.) *Winter and spring quarters*

ENGLISH 454, *Poetry of the Romantic Period* Three hours
The poetry of Wordsworth, Coleridge, Shelley, Byron, and Keats, with some attention to the minor poets of the period. (Formerly English 418.) *Winter quarter*

ENGLISH 455, *Poetry of the Victorian Period* Three hours
The poetry of Tennyson, Browning, Arnold, Rossetti, Swinburne, and others. (Formerly English 419.) *Spring quarter*

ENGLISH 456, *Milton* Three hours
Rapid reading of Milton's poetry, with major emphasis on *Paradise Lost* and *Paradise Regained.* Collateral readings from the prose works. (Formerly English 431.) *Fall quarter*

ENGLISH 457, *English Literature, 1660-1744* Three hours
English literature, exclusive of the drama, from the Restoration to the death of Pope. (Formerly English 432.) *Winter quarter*

ENGLISH 458, *English Literature, 1744-1798* Three hours
English literature, exclusive of the drama, from the death of Pope to the beginning of the Romantic period. Supplementary reading from the major novelists. (Formerly English 433.) *Spring quarter*

ENGLISH 459, *Ballads and Folk Songs* Three hours
Designed primarily for the evaluation and enjoyment of folk songs; recordings of native ballad-singers are used. (Formerly English 435.) *Summer*

ENGLISH 460, *Workshop for Teachers in Teaching Spelling and Composition* Three or six hours
See Education 460. (Formerly English 437d.) *Extension*

ENGLISH 461, *English Workshop* Three hours
(Formerly English 452.) *Summer*

Graduate Courses

ENGLISH 500, *History of the English Language* Three hours
Origin and development of the language; the relation of English to other languages. (Formerly English 505.) *Fall quarter*

ENGLISH 501, *English Drama, 1550-1600* Three hours
(Formerly English 511.) *Summer*

ENGLISH 502, *English Drama, 1600-1642* Three hours
Prerequisite: English 501. (Formerly English 512.) *Summer*

ENGLISH 503, *Non-Dramatic Literature of the Elizabethan Period* Three hours *Summer*

ENGLISH 504, *The American Novel* Three hours
The development of the American novel from Charles Brockden Brown to World War I, traced through a study of representative novels. (Formerly English 524.) *Fall quarter*

ENGLISH 505, *Southern Literature* Three hours
The major Southern writers and their contribution to American literature. (Formerly English 526.) *Summer*

ENGLISH 506, *Modern Drama* Three hours
Continental, British, and American drama since the World War, with emphasis on their social and literary value. (Formerly English 527.) *Winter quarter*

ENGLISH 507, *Victorian Prose* Three hours
A study of selected writings by Macaulay, Newman, Carlyle, Ruskin, Arnold, and Pater. (Formerly English 535.) *Summer*

ENGLISH 508, *American Literature* Three hours
Studies in American literature from its beginnings to 1830. (Formerly English 541.) (Not offered 1960-61.) *Fall quarter*

ENGLISH 509, *American Literature* Three hours
Studies in American literature, 1830-1870. (Formerly English 542.) (Not offered 1960-61.) *Winter quarter*

ENGLISH 510, *American Literature* Three hours
Studies in American literature, 1870-1914. (Formerly English 543.) (Not offered 1960-61.) *Spring quarter*

ENGLISH 511, *American Literature* Three hours
Studies in American literature, 1914 to present. (Formerly English 544.) *Spring quarter*

ENGLISH 512, *Literary Criticism* Three hours
The history of literary criticism from Aristotle to the end of the nineteenth century. (Formerly English 561.) *Winter quarter*

ENGLISH 513, *The English Novel* Three hours
The history of the novel in England from its beginnings to 1832. (Formerly English 562.) *Winter quarter*

ENGLISH 514, *The English Novel* Three hours
A study of the Victorian novel in its relation to the social, political, and economic background of the period. (Formerly English 563.) *Spring quarter*

SPEECH

SPEECH 201, *Fundamentals of Speech* *Three hours*
Enunciation, including an introduction to the study of phonetics; oral interpretation; oral readings of different types of literature.
(Formerly Speech 215.) Every quarter

SPEECH 301, *Public Speaking* Three hours
The principles of effective public speaking; preparation and presentation of different types of speeches.
(Formerly Speech 310.) *Every quarter*

SPEECH 302, *Argumentation and Debate* Three hours
Offered on sufficient demand

SPEECH 303, *Acting Techniques* Three hours
Offered on sufficient demand

SPEECH 401, *Play Production* Three hours
Methods of solving play production problems in the public schools; acting; stage and costume designing; choosing the play, casting, directing, and mounting; special laboratory work and active participation in the college dramatic organization.
(Formerly Speech 430.) *Offered on sufficient demand*

Department of Foreign Languages

FRENCH

FRENCH 101, 102, 103, *Elementary French* Three hours each
(Open to students with no previous training in French.)
Fall, winter, and spring quarters

FRENCH 104, 105, 106, *Intermediate French* Three hours each
(Open to students who have had two years of French in high school or French 101, 102, 103.) *Fall, winter, and spring quarters*

FRENCH 201, 202, 203, *Conversational French* Three hours each
(Formerly French 207, 208, 209.)
Fall, winter, and spring quarters

FRENCH 301, 302, 303, *Survey of French Literature through 1800* *Three hours each*
(Formerly French 310, 311, 312.)
Fall, winter, and spring quarters

FRENCH 401, 402, 403, *French Literature of the Nineteenth and Twentieth Centuries* Three hours each
(Formerly French 413, 414, 415.)
Fall, winter, and spring quarters

SPANISH

SPANISH 101, 102, 103, *Elementary Spanish* Three hours each
(Open to students with no previous training in Spanish.)
Fall, winter, and spring quarters

SPANISH 104, 105, 106, *Intermediate Spanish* Three hours each
(Open to students who have had two years of Spanish in high school or Spanish 101, 102, 103.) *Fall, winter, and spring quarters*

SPANISH 201, 202, 203, *Conversational Spanish* Three hours each
(Formerly Spanish 207, 208, 209.)
Fall, winter, and spring quarters

SPANISH 301, 302, 303, *Survey of Spanish Literature*
Three hours each
(Formerly Spanish 310, 311, 312.)
Fall, winter, and spring quarters

SPANISH 401, 402, 403, *Survey of Spanish-American Literature*
Three hours each
(Formerly Spanish 413, 414, 415.)
Fall, winter, and spring quarters

Department of Health, Physical Education, and Recreation

The objectives of this department are within the framework of the objectives of higher education and of this college:

1. To prepare teachers in health education, physical education, and recreation for the public schools.
2. To prepare athletic coaches for the schools.
3. To provide health instruction which will lead to healthful living.
4. To provide experience in physical education activities which will lead to acquisition of skill and fitness, with leisure-time or recreational value.
5. Through group and individual guidance to strive for optimum development of personality.
6. To uphold and promote high ethical standards in the profession.

Activity Courses

Majors are required to take nine quarter hours of activity classes, and non-majors six. Majors should distribute these over the first three years, non-majors over the first two. A physical education activity course may be taken in any term offered. Sections are limited in capacity to the space available. All students are urged to take some activity course (electives are provided) to maintain health and fitness throughout their college careers.

No rigid system of taking activity courses in number sequence holds. Students may take courses in any order, provided they take the minimum required.

Transfer students may, on application, receive credit for activity courses, provided, they take and pass a proficiency examination in the activity. Failure to pass the examination means the student will take the course at this college.

Majors may take two activity courses in one quarter, provided, it does not result in an overload of quarter hours, and that majors take at least one course in each of nine quarters.

Gym suits are furnished for on-campus activity classes. Students furnish their own white athletic socks and rubber-soled shoes. Suits are furnished for women's swimming classes. Students furnish their own caps. Towel service is provided.

Activity Courses for Majors

Classes meet twice weekly for one quarter hour credit. Fundamentals, skills, conditioning, rules, strategy, and teaching techniques are taught. Tests on skills and examinations on knowledge and techniques are given.

Men and Women

(Required unless otherwise identified)

Course numbers followed by "M" for men only. Course numbers followed by "W" for women only. Course numbers without any letter identification are for both men and women.

PHYSICAL EDUCATION 110, *Swimming* One hour
(Formerly Physical Education 151.)
Fall, winter, and spring quarters

PHYSICAL EDUCATION 111M, *Basketball and Tumbling* One hour
(Formerly Physical Education 152M.) *Winter quarter*

PHYSICAL EDUCATION 111W, *Basketball and Tumbling* One hour
(Formerly Physical Education 152W.) *Winter quarter*

PHYSICAL EDUCATION 112M, *Softball and Volleyball* One hour
(Formerly Physical Education 153M.) *Spring quarter*

PHYSICAL EDUCATION 112W, *Softball and Volleyball* One hour
(Formerly Physical Education 153W.) *Spring quarter*

PHYSICAL EDUCATION 113, *Advanced Swimming* One hour
(Free elective.) (Formerly Physical Education 160.)
Winter quarter

PHYSICAL EDUCATION 114M, *Advanced Volleyball* One hour
(Free elective.) (Formerly Physical Education 161M.)
Spring quarter

PHYSICAL EDUCATION 114W, *Advanced Volleyball* One hour
(Free elective.) (Formerly Physical Education 161W.)
Spring quarter

PHYSICAL EDUCATION 204, *Tennis and Badminton* One hour
(Formerly Physical Education 254, 373, and 376.) *Fall quarter*

PHYSICAL EDUCATION 205, *Beginning Folk, Social, and Modern Dance* One hour
(Formerly Physical Education 255, 261, 262, 264, and 265.)
Winter quarter

PHYSICAL EDUCATION 206, *Archery and Gymnastics* One hour
(Formerly Physical Education 256.) *Spring quarter*

PHYSICAL EDUCATION 301M, *Soccer, Speedball, and Indoor Games* One hour
(Formerly Physical Education 357M.) *Fall and spring quarters*

PHYSICAL EDUCATION 302M, *Wrestling* One hour
(Formerly Physical Education 358M.) *Winter quarter*

PHYSICAL EDUCATION 303M, *Track and Field, Indoor Individual Contests* One hour
(Formerly Physical Education 359M.) *Spring quarter*

PHYSICAL EDUCATION 304W, *Speedball, Field Hockey, and Indoor Games* One hour
(Formerly Physical Education 367W.) *Fall quarter*

PHYSICAL EDUCATION 305, *Advanced Social Dance* One hour
Required for women, elective for men (Formerly Physical Education 368.) *Winter quarter*

PHYSICAL EDUCATION 306, *Advanced Modern Dance* One hour
Required for women, elective for men. (Formerly Physical Education 369.) *Spring quarter*

Activity Courses for Non-Majors
Men and Women

(Required unless otherwise identified)

Course numbers followed by "M" for men only. Course numbers bollowed by "W" for women only. Course numbers without any letter identification are for both men and women.

PHYSICAL EDUCATION 101, *Swimming* One hour
Fall, winter, and spring quarters

PHYSICAL EDUCATION 102M, *Basketball and Tumbling* One hour
Winter quarter

PHYSICAL EDUCATION 102W, *Basketball and Tumbling* One hour
Winter quarter

PHYSICAL EDUCATION 103M, *Softball, Speedball, and Indoor Team Games* One hour
Spring quarter

PHYSICAL EDUCATION 103W, *Softball, Speedball, and Indoor Team Games* One hour
Spring quarter

PHYSICAL EDUCATION 104M, *Touch Football and Wrestling* One hour
(Free elective.) (Formerly Physical Education 107M.)
Fall quarter

PHYSICAL EDUCATION 105, *Modern Dance* One hour
(Free elective.) (Formerly Physical Education 108.)
Winter quarter

PHYSICAL EDUCATION 106M, *Archery and Advanced Volleyball* One hour
(Free elective.) (Formerly Physical Education 109M.)
Spring quarter

PHYSICAL EDUCATION 106W, *Archery and Advanced Volleyball* One hour
(Free elective.) (Formerly Physical Education 109W.)
Spring quarter

PHYSICAL EDUCATION 107, *Advanced Swimming* One hour
(Free elective.) (Formerly Physical Education 111.)
Winter quarter

PHYSICAL EDUCATION 201, *Tennis, Badminton, and Fundamental Gymnastics* One hour
(Formerly Physical Education 204.) *Fall quarter*

PHYSICAL EDUCATION 202, *Folk and Social Dance* One hour
(Formerly Physical Education 205.) *Winter quarter*

PHYSICAL EDUCATION 203M, *Volleyball and Soccer* One hour
(Formerly Physical Education 206M.) *Spring quarter*

PHYSICAL EDUCATION 203W, *Volleyball and Field Hockey* One hour
(Formerly Physical Education 206W.) *Spring quarter*

Courses in Health Education

HEALTH EDUCATION 101, *Personal Health* Three hours
Personal health and hygiene, total fitness: physical, mental, emotional. (Formerly Health Education 110.) *Fall quarter*

HEALTH EDUCATION 102, *Family Health* Three hours
Health of the infant, child, adolescent, young, and mature adult: home and community health and hygiene. (Formerly Health Education 115.) *Winter and spring quarters*

HEALTH EDUCATION 103, *First Aid* Three hours
Standard and Advanced First Aid certificates to those satisfactorily meeting the requirements. Taught by certified American Red Cross instructors. (Formerly Health Education 123.)
Spring quarter

HEALTH EDUCATION 201, *Fundamentals for Teaching Health in the School* Three hours

The application of personal health to improve living standards and to acquire a background in personal and community hygiene necessary to teach health in the schools. Elementary and secondary teachers will be given assignments to fit their levels. (Not open to Physical Education majors.) (Formerly Health Education 207.)

Every quarter

HEALTH EDUCATION 401, *Methods and Materials in Health Education* Three hours

Health services, healthful school living, and health instruction in the school. Resource aids, especially in relation to community health programs. Elementary and secondary teachers will be given assignments to fit their levels. (Formerly Health Education 413.)

Every quarter

HEALTH EDUCATION 402, *Driver Education* Three hours

Driver education methods and materials leading to certification for driver education. (Formerly Health Education 472b.)

Spring quarter and summer

Courses in Physical Education

PHYSICAL EDUCATION 210, *Human Anatomy* Three hours

A study of the gross structure of the human body. Prerequisites: Biology 101, 102, 103. (Formerly Physical Education 211.)

Fall quarter and summer

PHYSICAL EDUCATION 211, *Human Physiology* Three hours

A study of the basic functions of the human organism. Prerequisite: Physical Education 210 or equivalent. (Formerly Physical Education 212.) *Winter quarter and summer*

PHYSICAL EDUCATION 212, *Physiology of Muscular Activity* *Three hours*

A study of the application of physiological principles to muscular action of the human organism. Prerequisite: Physical Education 211 or equivalent. (Formerly Physical Education 220.)

Spring quarter and summer

PHYSICAL EDUCATION 213, *Principles of Health, Physical Education, and Recreation* Three hours

A summarization of the historical and present concepts which relate to principles of health, physical education, and recreation. (Includes former Health Education 321.) (Formerly Physical Education 216.) *Every quarter*

PHYSICAL EDUCATION 214, *Physical Education for the Elementary School* Three hours

Organization, planning, and administration of activities for elementary school pupils. Methods of teaching, aids, techniques, and experiences in rhythmics, group games, stunts, and relays. Fundamental body skills to fit each level of maturation. (Formerly Physical Education 218.) *Every quarter*

PHYSICAL EDUCATION 215, *Introduction and History of Physical Education* Three hours

An orientation into the field of physical education through the study of the historical backgrounds, the systems and organizations, the leaders and movements, and the programs and sports of the past and present. (Formerly Physical Education 462.) *Spring quarter*

PHYSICAL EDUCATION 216M, 216W, *Stunts and Tumbling, Materials and Methods* Two hours

Teaching methods, theory and application of skills. Classroom work and laboratory participation are interrelated. (Formerly Physical Education 240M, 240W.) *Winter and spring quarters*

PHYSICAL EDUCATION 217, *Folk and Social Dance* Two hours

Participation in and materials and methods of teaching folk, square, and social dances suitable for school and recreation purposes. (Formerly Physical Education 248.) *Winter and spring quarters and summer*

PHYSICAL EDUCATION 307, *Kinesiology* Three hours

Mechanical and anatomical fundamentals of human motion. Muscular analysis of body movements utilized in physical education activities will be stressed. Two hours laboratory and two hours lecture. Prerequisite: Physical Education 210. (Formerly Physical Education 314.) *Winter quarter and summer*

PHYSICAL EDUCATION 308, *Rhythmic Activities for the Elementary School* Two hours

Fundamental movements, singing games, folk, social, and creative dances. Suitable types of accompaniment and teaching methods. (Formerly Physical Education 324.) *Spring quarter*

PHYSICAL EDUCATION 309, *Dance Materials and Methods* *Two hours*

Theory and practice in the teaching of folk, square, social, and modern dances. Prerequisites: activity courses in dance. (Formerly Physical Education 325.) *Fall and spring quarters*

PHYSICAL EDUCATION 310M, *Track and Field, Methods and Materials* Two hours

Fundamental skills, applied techniques, and the theory of teaching track and field athletics. Prerequisite: activity course in track and field. (Formerly Physical Education 329M.)

Spring quarter

PHYSICAL EDUCATION 311W, *Field Sports for Women, Methods and Materials* Two hours

For women preparing to teach and coach speedball, softball, field hockey, tennis, and archery. Skills, techniques, rules, and officiating are included. Prerequisites: activity courses in field sports. (Formerly Physical Education 330W.) *Fall and spring quarters*

PHYSICAL EDUCATION 312, *Organization and Administration of Physical Education* Three hours

Problems in organization, administration, and supervision of the physical education program and methods of solving these problems. (Formerly Physical Education 353.)

Winter and spring quarters

PHYSICAL EDUCATION 401, *Tests and Measurements in Physical Education* Three hours

A theory and methods course in the application of measurement to health and physical education programs. (Formerly Physical Education 408.) *Fall and winter quarters*

PHYSICAL EDUCATION 402W, *Indoor Sports for Women, Methods and Materials* Two hours

The theory and practice of teaching and coaching women's basketball, volleyball, and team games. Prerequisites: activity courses in basketball, volleyball, indoor games. (Formerly Physical Education 422W.) *Winter and spring quarters*

PHYSICAL EDUCATION 403, *Swimming, Methods and Materials* *Two hours*

Theory, practice, and methods in teaching swimming and water safety. Prerequisites: activity courses in swimming. Formerly Physical Education 426.) *Every quarter*

PHYSICAL EDUCATION 404, *Tennis and Badminton, Methods and Materials* Two hours

Fundamentals, strokes, strategy, and rules of tennis and badminton. Prerequisites: activity courses in tennis and badminton. (Formerly Physical Education 427.)

Fall and spring quarters and summer

PHYSICAL EDUCATION 405M, *Football, Methods and Materials* Two hours

Coaching of fundamentals, team offensive and defensive systems, team organization, training methods, and scouting. Prerequisite: football participation or football activity course. (Formerly Physical Education 431M.) *Fall quarter* (Seniors only) *Spring quarter*

PHYSICAL EDUCATION 406M, *Baseball and Softball, Methods and Materials* Two hours

Fundamentals of playing all positions with training methods. Team strategy, rules, scoring, and officiating. Prerequisites: activity courses in softball and baseball. (Formerly Physical Education 434M.) *Fall and spring quarters*

PHYSICAL EDUCATION 407, *Intramural Sports* Three hours

Organization, administration, and promotion of intramural programs for schools, recreation centers, industry, and community. Experience in conducting and officiating in intramural programs. Prerequisite: junior standing. (Formerly Physical Education 435.) *Spring quarter and summer*

PHYSICAL EDUCATION 408M, 408W, *Basketball, Methods and Materials* Two hours

Skills, conditioning, offensive and defensive team play. Rules, scoring, and officiating. Prerequisite: basketball participation or basketball activity course. (Formerly Physical Education 437M, 437W.) *Winter quarter* (Senior men only) *Spring quarter* (Men) *Winter quarter* (Women)

PHYSICAL EDUCATION 409, *Adapted Physical Education* Three hours

A survey of abnormalities, preventive and corrective techniques, with activities designed to aid handicapped persons to participate in activities. Prerequisites: Physical Education 210, 211, 212, 307, or equivalents. (Formerly Physical Education 443.) *Winter and spring quarters and summer*

PHYSICAL EDUCATION 410M, *Wrestling, Methods and Materials* Two hours

Fundamentals, theory, coaching, rules, and officiating. Prerequisite: wrestling participation or wrestling activity course. (Formerly Physical Education 444M.) *Winter quarter*

PHYSICAL EDUCATION 411M, *Soccer, Methods and Materials* Two hours

Theory and practice in teaching soccer skills and the coaching of a soccer team. Prerequisite: soccer activity course. (Formerly Physical Education 445M. *Fall quarter*

PHYSICAL EDUCATION 412, *Prevention and Care of Athletic Injuries* Three hours

Prevention and care of injuries, use of supports, massage, therapeutic techniques, and conditioning exercises. Two hours lecture and two hours laboratory experience. Prerequisites: Health Education 103, Physical Education 210, 211, 212, 307, or equivalents. (Formerly Physical Education 488.) *Every quarter*

Senior-Graduate Courses

PHYSICAL EDUCATION 450, *Workshop in the Living Folk Arts of the Appalachian Mountain People* Three hours

(Formerly Physical Education 400.) *Summer*

PHYSICAL EDUCATION 451, *Planning the Recreation Program* Three hours

Lecture and discussions on basic philosophy, principles and practices, current trends, financing the program, methods and procedure, leadership training, organization and administration, facilities, and equipment. (Formerly Physical Education 456.) *Spring quarter and summer*

HEALTH EDUCATION 452, *Safety Education* Three hours

Safety procedures for home, school, and community. (Formerly Health Education 472a.) *Winter quarter and summer*

PHYSICAL EDUCATION 453, *Advanced Football Coaching* Three hours

Open to experienced coaches. Study and diagnosis of football coaching problems and methods. (Formerly Physical Education 483.) *Summer*

PHYSICAL EDUCATION 454, *Advanced Basketball Coaching* Three hours

Open to experienced coaches. Study and diagnosis of basketball coaching problems and methods. (Formerly Physical Education 484.) *Summer*

PHYSICAL EDUCATION 455, *Contemporary and Comparative Health and Physical Education* Three hours

An extensive and intensive study of the health, physical education, recreation, and sports program in various countries of the world. A study of present programs and trends. (Desirable background: courses in the history of physical education.) *Summer*

PHYSICAL EDUCATION 456, *Principles and Programs of Physical Education in the Elementary School* Three hours

Exploration of the principles, the organization, the administration, and the programs applicable to the elementary school. (Formerly Physical Education 514.) *Winter quarter and summer*

Graduate Courses

PHYSICAL EDUCATION 500, *Problems and Studies Related to Health and Physical Education* Three hours

Analysis of methods of problem solving and the application to concrete problems. (Formerly Physical Education 501.) *Fall quarter and summer*

PHYSICAL EDUCATION 501, *Scientific Bases of Physical Education* Three hours

Past and present findings and theories in the various specialties and disciplines, and how they apply to physical education. (Formerly Physical Education 502.) *Fall quarter and summer*

PHYSICAL EDUCATION 502, *Curriculum Construction in Physical Education* Three hours

Study and evaluation of systems of program planning and curriculum construction, by use of statistical data, survey methods, and constituency analysis. (Formerly Physical Education 503.) *Winter quarter and summer*

PHYSICAL EDUCATION 503, *Analysis of Psycho-motor Activity* Three hours

Elementary principles of physics, anatomy, and physiology as they apply to mechanical analysis of skills in movement (Formerly Physical Education 504.) *Fall quarter and summer*

PHYSICAL EDUCATION 504, *Philosophy of Health, Physical Education and Recreation* Three hours

A summary of the philosophies of outstanding leaders in health, physical education, and recreation, past and present. (Formerly Physical Education 505.) *Spring quarter and summer*

PHYSICAL EDUCATION 505, *Statistics and Measurements in Health and Physical Education* Three hours

Statistical procedures involved in the analysis and interpretation of data, records, and scores derived from testing programs in health and physical education. Prerequisite: Physical Education 401. (Formerly Physical Education 507a.) *Fall quarter*

PHYSICAL EDUCATION 506, *Tests and Analysis in Health and Physical Education* Three hours

Study and analysis of past and present testing programs and the application and administration of the programs. Factors which influence accuracy, validity, reliability, and other related factors are dealt with along with the evaluations and use of tests. Prerequisites: Physical Education 401, 505. (Formerly Physical Education 507b.) *Winter quarter*

PHYSICAL EDUCATION 507, *Organization and Supervision of Health and Physical Education* Three hours

Recent trends in the theory and practice of supervision: training and qualifications of the supervisor on each level of school organization. (Formerly Physical Education 515.) *Winter quarter*

PHYSICAL EDUCATION 508, *Administration of Athletics* Three hours

Study and discussion of the organization, administration, and operation of the athletic program: schedules, contracts, equipment, insurance, travel, medical factors, officiating, and evaluation. (Formerly Physical Education 516.) *Spring quarter and summer*

PHYSICAL EDUCATION 509, *Seminar in Health and Physical Education* Three hours

Lecture, discussion, research, review, and summary of the fields of health and physical education and application of findings to specific areas of teaching experience. A course for teachers with experience capable of intensive graduate study. (Formerly Physical Education 581.) *Summer*

PHYSICAL EDUCATION 550, *Master of Arts Thesis* Six hours

See Education 550. *Every quarter*

Department of Industrial Arts

INDUSTRIAL ARTS 101, *Beginning Mechanical Drawing* Three hours

An introductory course presenting basic principles and essentials to serve as a background for further courses in mechanical drawing. This course includes: care and use of drawing instruments, supplies, lettering, sketching, orthographic projection, and sections. (Accepted as mathematics elective.) *Fall quarter*

INDUSTRIAL ARTS 102, *Intermediate Mechanical Drawing* Three hours

A continuation of mechanical drawing. This course includes: auxiliary views, revolutions, developments, intersections, pictorial drawings (isometric, oblique, cabinet, perspective), graphs and charts. (Accepted as mathematics elective.) Prerequisite: Industrial Arts 101. *Winter quarter*

INDUSTRIAL ARTS 103, *Advanced Mechanical Drawing* Three hours

A specialized course including: fasteners (conventional threads, thread symbols, bolts and nuts), working drawings (detail, assembly, exploded), cams and gear, spur gear, electrical drawing, and piping. (Accepted as mathematics elective.) Prerequisite: Industrial Arts 102. *Spring quarter*

INDUSTRIAL ARTS 201, *Elementary Cabinet Construction* Three hours

Basic woodworking course including instruction in the use of common hand tools, related information, elementary wood turning, finishing, characteristics of common cabinet woods, and processing of lumber for industrial use. *Fall quarter*

INDUSTRIAL ARTS 202, *Intermediate Cabinet Construction* Three hours

Operation of common woodworking machines, care and sharpening of tools, related information, construction and finishing of furniture projects. *Winter quarter*

INDUSTRIAL ARTS 203, *Advanced Cabinet Construction* Three hours

Advanced woodworking experiences involving skill in the use of machines and hand tools; additional practice in woodworking, reeding, fluting, carving, veneering, dovetailing, study of industrial furniture processes. *Spring quarter*

INDUSTRIAL ARTS 204, *General Shop* Three hours

An introductory laboratory course in which the student acquaints himself with a variety of materials, machines, tools, and processes. (Formerly Industrial Arts 201.) *Fall quarter*

INDUSTRIAL ARTS 205, *Orientation in Industrial Arts Education* One hour

A basic course designed to give the student a knowledge and understanding of the field of Industrial Arts Education. (Formerly Industrial Arts 202.) *Winter quarter*

INDUSTRIAL ARTS 206, *Industrial Arts Design* Three hours

An introductory course organized to acquaint the student with the basic principles of industrial design and their application to Industrial Arts Education. (Formerly Industrial Arts 203.) *Spring quarter*

INDUSTRIAL ARTS 207, *General Crafts* Three hours

A course designed to introduce the student to the various media of craft work: leatherwork, plastics, metalwork, woodwork, jewelry. *Offered on sufficient demand*

INDUSTRIAL ARTS 208, *Materials* Three hours

A study of the structure and characteristics of the common materials of industry, including: metal, wood, clay, leather, glass, concrete, and plastics. *Fall quarter*

INDUSTRIAL ARTS 209, *Advanced Machine Drawing* Three hours

Advanced machine drawing experiences in detail drawing, assembly drawing, and production drawing. *Spring quarter*

INDUSTRIAL ARTS 301, *General Metalwork* Three hours
Basic hand and elementary machine operations and related information in bench metalwork including experiences in wrought iron and non-ferrous metals. Problems and practical shop problems in each area of activity. *Fall quarter*

INDUSTRIAL ARTS 302, *Machine Shop I* Three hours
Basic operations on lathes, shapers, saws, grinders, and milling machines. *Winter quarter*

INDUSTRIAL ARTS 303, *Machine Shop II* Three hours
Specialized machine shop practices and advanced machine operations as gear cutting, shaping to contour, taper and thread work. Prerequisite: Industrial Arts 302. *Spring quarter*

INDUSTRIAL ARTS 304, *Internal Combustion Engines* Three hours
Theory and practice of internal combustion power sources. The fundamentals of engine operation, types of engines, special emphasis is placed on the relationship to science and life.
Winter quarter

INDUSTRIAL ARTS 305, *General Shop Electricity* Three hours
Fundamentals of electricity as applicable to the general shop with practical problems in areas of simple wiring circuits, household electricity, alternating current, direct current.
Offered on sufficient demand

INDUSTRIAL ARTS 306, *Advanced Electricity* Three hours
Study of alternating current motors and generators, elementary radio construction and theory of operation.
Offered on sufficient demand

INDUSTRIAL ARTS 307, *Electronics* Three hours
Principles of the various vacuum tubes and their applications in the electronic circuit; the oscilloscope, the audio amplifier, the superheterodyne, oscillators and vacuum tube power supplies, experiments are performed to supplement lectures; alignment procedures. *Offered on sufficient demand*

INDUSTRIAL ARTS 308, *Production Techniques, Wood* Three hours
A study of production woodworking, from the standpoint of design, machines, jigs and fixtures, and associated techniques.
Offered on sufficient demand

INDUSTRIAL ARTS 309, *Woodfinishing* Three hours
History and purpose of finishing, preparing for finish, kinds of finishes, kinds of finish materials; application and comparison of different finishes on various woods using set of panels.
Offered on sufficient demand

INDUSTRIAL ARTS 310, *Sheetmetal Work* Three hours
Basic sheetmetal course including care and use of common sheetmetal tools and machines; making of layouts, templates; projects involving, soldering, seaming, punching, riveting, forming, and spot welding. *Offered on sufficient demand*

INDUSTRIAL ARTS 311, *Production Techniques, Metals* Three hours
A study of production metalworking, including design, machines, jigs and fixtures, and associated techniques.
Offered on sufficient demand

INDUSTRIAL ARTS 312, *Advanced Electronics* Three hours
Application of electronic tubes to the control of motors, welders, speed regulators, time delay circuits and the thyraton tube are discussed. *Offered on sufficient demand*

INDUSTRIAL ARTS 313, *Architectural Drawing I* Three hours
Basic principles of house planning: floor plans, foundation plans, rafter plans, elevations, plot plans, detail sheets, specifications; architectural modeling; study of common styles of home architecture; a complete set of plans for a small dwelling.
Offered on sufficient demand

INDUSTRIAL ARTS 314, *Architectural Drawing II* Three hours
Preparation of a complete set of plans for a three-bedroom (or larger) home. Study of building techniques and materials used in house and industrial construction; structure modeling.
Offered on sufficient demand

INDUSTRIAL ARTS 315, *Specialized Drafting* Three hours
A course designed specifically for students majoring in elementary education and organized to provide experiences with a variety of materials, hand tools, and machines.
Offered on sufficient demand

INDUSTRIAL ARTS 316, *Industrial Arts for the Elementary School Teacher* Three hours
A practical course designed specifically for students majoring in elementary education and organized to provide experiences with a variety of materials, hand tools and machines.
Offered on sufficient demand

INDUSTRIAL ARTS 317, *General Shop Graphic Arts* Three hours
The fundamentals of graphic arts as applicable to the general shop, including photography, printing, silk screen, linoleum block, dry point etching, and simple bookbinding.
Offered on sufficient demand

INDUSTRIAL ARTS 318, *Fundamentals of Composition and Press Work* Three hours

An introduction to typography and presswork including hand composition, proofreading, and hand and automatic presswork. *Offered on sufficient demand*

INDUSTRIAL ARTS 401, *Woodworking Equipment and Maintenance* Three hours

Practice experiences in maintenance and repair of tools and machines; study of instruction, operation and maintenance manuals, selection and specification of equipment. (Not offered 1960-61)

INDUSTRIAL ARTS 402, *Machine Shop Equipment and Maintenance* Three hours

Practical experiences in maintenance and repair of tools and machines; study of instruction, operation and maintenance manuals, selection and specifications of equipment. (Not offered 1960-61)

INDUSTRIAL ARTS 403, *Teacher Problems in Industrial Arts Education* Three hours

This course is planned to consider problems which arise in the experience of the teacher of industrial arts. Analytical and research study of such problems is conducted. (Not offered in 1960-61)

INDUSTRIAL ARTS 404, *Arc and Oxy-Acelylene Welding* Three hours

Manipulative processes and experiences and related information basic to successful welding techniques. Includes experiences in electric arc welding, oxy-acetylene welding, low temperature welding, brazing, and cutting. (Not offered 1960-61)

INDUSTRIAL ARTS 405, *House Planning and Design* Three hours

A study of architectural styles, house plans, building materials, heating, lighting, plumbing, household conveniences, cost estimating. (Not offered 1960-61)

INDUSTRIAL ARTS 406, *Communication* Three hours

A study of communication systems; theory and practical work in TV, radio (AM and FM), telemetry and radar. Prerequisite: Industrial Arts 307. (Not offered 1960-61)

Department of Library Science

A student may qualify for library science certification in North Carolina by electing twenty-seven quarter hours in library science (these courses being specified by the state) in addition to a major in a subject field. This is recommended for those preparing for library work in the elementary school or for a teacher-librarian position in the high school.

The student may elect to major in the single field of library science by taking the full curriculum of forty-five quarter hours. He should either concentrate in another subject area or select electives from at least four of the following fields recommended by the Department of Library Science: Art 201, 301; Biology 450 (for Primary and Grammar Grade majors); Education 475, 477; English 204, 306; Geography 301, 302, 303; History 305; Home Economics 205, 302; Music 401; Sociology 301, 401; Speech 301. Business Education 101, 102, 103 is required for those who are not proficient with the typewriter.

LIBRARY SCIENCE 201, *Introduction to Library Science* One hour
Supervised experiences in the campus school libraries. Enrollment limited. *Fall quarter*
(Formerly Library Science 200a.)

LIBRARY SCIENCE 202, *Introduction to Library Science* One hour
A continuation of Library Science 201.
(Formerly Library Science 200b.) *Winter quarter*

LIBRARY SCIENCE 203, *Introduction to Library Science* One hour
A continuation of Library Science 202.
(Formerly Library Science 200c.) *Spring quarter*

LIBRARY SCIENCE 301, *Functions and Use of the Library* Three hours
Objectives and functions of the library in relation to the total school program. *Fall quarter*

LIBRARY SCIENCE 302, *Reference Evaluation and Use of General Reference Books* Three hours *Winter quarter*

LIBRARY SCIENCE 303, *Reference* Three hours
Reference materials in specific subject fields.
(Formerly Library Science 312.) *Spring quarter*

LIBRARY SCIENCE 304, *Children's Literature* Three hours
Developing a background in the history of children's literature, evaluating modern writers and illustrators of children's books, and studying the various phases of literature which should be presented to elementary children.
(Formerly Library Science 311.) *Every quarter*

LIBRARY SCIENCE 305, *Books and Materials for School Libraries* Three hours

Basic factors and problems in the selection of books and materials.

(Formerly Library Science 315.)

Fall, winter, and spring quarters

LIBRARY SCIENCE 306, *Books and Materials for High School Libraries* Three hours

Books and materials in relation to adolescent needs and interests and the high school curriculum.

(Formerly Library Science 316.) *Spring quarter*

LIBRARY SCIENCE 307, *Books and Materials for Elementary School Libraries* Three hours

(Formerly Library Science 317.) *Winter quarter*

LIBRARY SCIENCE 401, *Organization and Administration of the School Library* Three hours

(Formerly Library Science 407.) *Fall quarter*

LIBRARY SCIENCE 402, *Organization and Administration of the School Library* Three hours

(Formerly Library Science 408.) *Winter quarter*

LIBRARY SCIENCE 403, *Cataloging and Classification* Three hours

Study of the principles of cataloging and classification.

(Formerly Library Science 409.) *Fall quarter*

LIBRARY SCIENCE 404, *Cataloging and Classification* Three hours

Cataloging of audio-visual material. Preparation of a practice file and manual.

(Formerly Library Science 410.) *Winter quarter*

Senior-Graduate Courses

LIBRARY SCIENCE 450, *Materials and Equipment* Three hours

Acquisition, preparation, housing, and circulation of non-book library materials.

(Formerly Library Science 413.) *Winter quarter*

LIBRARY SCIENCE 451, *Advanced Book Selection* Three hours

Books for adults in the areas of Fiction, Drama, Poetry, Essays, Literary Classics, and Literary Criticism.

(Formerly Library Science 414a.) *Fall quarter*

LIBRARY SCIENCE 452, *Advanced Book Selection* Three hours

Reading and evaluation of books for adults in the area of biography, travel, history, the social sciences, science, religion, philosophy, and the fine arts.

(Formerly Library Science 414b.) *Winter quarter*

LIBRARY SCIENCE 453, *Literature for Children* Three hours
Background of literature for children; developments and current trends; illustrators; enlargement on study of literature of various types. (Open to non-majors.)
(Formerly Library Science 415a.) *Fall quarter*

LIBRARY SCIENCE 454, *Literature for Young People* Three hours
(Open to non-majors.)
(Formerly Library Science 415b.) *Spring quarter*

LIBRARY SCIENCE 455, *Devices for Interpreting Books to Readers* Three hours
Story-telling, annotations, book reviewing, the book talk, radio, story recordings. (Open to non-majors.)
(Formerly Library Science 416.) *Fall quarter and summer*

LIBRARY SCIENCE 456, *Workshop for Teachers in the Use of the Library* Three or six hours
See Education 456.
(Formerly Library Science 476.) *Extension*

LIBRARY SCIENCE 457, *School Library Workshop* Three hours
(Formerly Library Science 480.) *Summer*

Graduate Courses

LIBRARY SCIENCE 500, *Use of Materials with Pupils and Teachers* Three hours
Materials and methods for more effective use of library resources in various curriculum areas in the school. (Open only to Library Science majors.)
(Formerly Library Science 501.) *Summer*

LIBRARY SCIENCE 501, *School Library Problems* Three hours
(Formerly Library Science 502.) *Summer*

LIBRARY SCIENCE 502, *Administration and Supervision of School Library Systems* Three hours
(Formerly Library Science 503.) *Summer*

LIBRARY SCIENCE 503, *Reading Interests and Guidance* Three hours
Implications of research in reading interests of children and young people. Methods and materials for guidance in their use. (Open to non-majors.)
(Formerly Library Science 504.) *Summer*

LIBRARY SCIENCE 504, *Advanced Reference* Three hours
(Formerly Library Science 505.) *Summer*

LIBRARY SCIENCE 505, *Problems in Cataloging and Classification* Three hours
(Formerly Library Science 506.)
Offered on sufficient demand

LIBRARY SCIENCE 506, *Reading for Adults* Three hours
Characteristics and patterns of adult reading according to interests, needs, and abilities of various groups.
(Formerly Library Science 507.) *Summer*

LIBRARY SCIENCE 507, *History of Books and Libraries* Three hours
(Formerly Library Science 508.) *Summer*

LIBRARY SCIENCE 508, *The Library and the Community* Three hours
(Formerly Library Science 509.) *Summer*

LIBRARY SCIENCE 509, *Teaching the Use of Books and Libraries* Three hours
(Formerly Library Science 517.) *Summer*

LIBRARY SCIENCE 550, *Master of Arts Thesis* Six hours
See Education 550. *Every quarter*

Department of Mathematics and Physics

MATHEMATICS

Students desiring to major in this department should have had at least one and one-half units of algebra and one unit of geometry in high school.

In case a student is deficient in the above requirements he should take Mathematics 101, 102, and 103.

A major in mathematics must have credit for the following courses: Mathematics 104, 105, 106, 201, 202, 203, 206, 301, 302, 303, and in addition must have fifteen hours of mathematics electives.

MATHEMATICS 101, *Basic Arithmetic* Three hours
The principles of arithmetic with applications.
Fall quarter and summer

MATHEMATICS 102, *Basic Algebra* Three hours
The principles of elementary algebra with applications.
Winter quarter and summer

MATHEMATICS 103, *Basic Geometry* Three hours
The principles of elementary Euclidean geometry with applications *Spring quarter and summer*

MATHEMATICS 104, *College Algebra* Three hours
A first course in elementary college algebra with applications.
Fall quarter and summer

MATHEMATICS 105, *College Algebra* Three hours
A continuation of Mathematics 104. Prerequisite: Mathematics 104. *Winter quarter and summer*

MATHEMATICS 106, *Plane Trigonometry* Three hours
A first course in plane trigonometry with applications.
Spring quarter and summer

MATHEMATICS 107, *College Algebra* Five hours
Admission only by special examination. *Fall quarter*

MATHEMATICS 108, *Plane and Spherical Trigonometry* Five hours
Prerequisite: Mathematics 107. *Winter quarter*

MATHEMATICS 109, *Analytic Geometry* Five hours
Prerequisite: Mathematics 108. *Spring quarter*

MATHEMATICS 201, *Advanced Trigonometry* Three hours
A continuation of Mathematics 106. Prerequisite: Mathematics 106.
(Formerly Mathematics 209.) *Fall quarter*

MATHEMATICS 202, *Plane Analytic Geometry* Three hours
A first course in plane analytic geometry with applications. Prerequisites: Mathematics 105, 106.
(Formerly Mathematics 207.) *Winter quarter and summer*

MATHEMATICS 203, *Plane Analytic Geometry* Three hours
A continuation of Mathematics 202. Prerequisite: Mathematics 202.
(Formerly Mathematics 208.) *Spring quarter and summer*

MATHEMATICS 204, *Descriptive Geometry* Three hours
A first course in descriptive geometry with applications.
(Formerly Mathematics 220.) *Spring quarter*

MATHEMATICS 205, *Beginning Surveying* Three hours
A first course in beginning surveying with applications.
(Formerly Mathematics 221.) *Fall and spring quarters*

MATHEMATICS 206, *Slide Rule* One hour
The practical use of the polyphase slide rule.
(Formerly Mathematics 225.) *Winter quarter*

MATHEMATICS 301, *Calculus* Four hours
A first course in calculus with applications. Prerequisites: Mathematics 201, 203.
(Formerly Mathematics 310.) *Fall quarter and summer*

MATHEMATICS 302, *Calculus* Four hours
A continuation of Mathematics 301. Prerequisite: Mathematics 301.
(Formerly Mathematics 311.) *Winter quarter and summer*

MATHEMATICS 303, *Calculus* Four hours
A continuation of Mathematics 302. Prerequisite: Mathematics 302.
(Formerly Mathematics 312.) *Fall and spring quarters*

MATHEMATICS 304, *Arithmetic for Teachers* Three hours
The mathematical skills needed by teachers of arithmetic.
(Formerly Mathematics 316.) *Fall and winter quarters*

Senior-Graduate Courses

MATHEMATICS 450, *Theory of Equations* Three hours
A first course in theory of equations with applications. Prerequisite: Mathematics 303.
(Formerly Mathematics 414.) *Fall quarter and summer*

MATHEMATICS 451, *College Geometry* Three hours
A first course in college geometry with applications.
(Formerly Mathematics 415.) *Spring quarter and summer*

MATHEMATICS 452, *Differential Equations* Three hours
A first course in differential equations with applications. Prerequisite: Mathematics 303.
(Formerly Mathematics 417.) *Winter quarter and summer*

MATHEMATICS 453, *History of Mathematics* Three hours
The men who made mathematics and their contributions.
(Formerly Mathematics 423.) *Fall quarter and summer*

MATHEMATICS 454, *Mathematics of Finance* Three hours
A first course in mathematics of finance with applications.
(Formerly Mathematics 424.) *Winter quarter*

MATHEMATICS 455, *Elementary Mathematical Statistics* Three hours
A first course in mathematical statistics with applications.
(Formerly Mathematics 425.) *Spring quarter and summer*

MATHEMATICS 456. *Astronomy* Three hours
A first course in the mathematical principles of astronomy with applications.
(Formerly Mathematics 427.) *Fall quarter*

MATHEMATICS 457, *Workshop for Teachers in Elementary School Arithmetic* Three or six hours
See Education 457.
(Formerly Mathematics 472a.) *Extension*

MATHEMATICS 458, *Workshop for Teachers in Secondary School Mathematics* Three or six hours
See Education 458.
(Formerly Mathematics 472b.) *Extension*

Graduate Courses

MATHEMATICS 500, *Higher Algebra* Three hours
A first course in modern algebraic theories with applications.
(Formerly Mathematics 501.) *Fall quarter and summer*

MATHEMATICS 501, *Higher Algebra* Three hours
A continuation of Mathematics 500. Prerequisite: Mathematics 500.
(Formerly Mathematics 502.) *Winter quarter and summer*

MATHEMATICS 502, *Foundations of Arithmetic* Three hours
For elementary teachers desiring a broader insight into the fundamental concepts of arithmetic.
(Formerly Mathematics 503.) *Summer*

MATHEMATICS 503, *Advanced Calculus* Three hours
A first course in advanced calculus with applications. Prerequisite: Mathematics 303.
(Formerly Mathematics 504.) *Fall quarter and summer*

MATHEMATICS 504, *Advanced Calculus* Three hours
A continuation of Mathematics 503. Prerequisite: Mathematics 503.
(Formerly Mathematics 505.) *Winter quarter and summer*

MATHEMATICS 505, *Advanced Differential Equations* Three hours
A second course in differential equations with applications. Prerequisite: Mathematics 452.
(Formerly Mathematics 507.) *Spring quarter and summer*

MATHEMATICS 506, *Solid Analytic Geometry* Three hours
An advanced course in solid analytic geometry with applications.
(Formerly Mathematics 508.) *Spring quarter and summer*

MATHEMATICS 507, *Theory of Numbers* Three hours
A first course in advanced number theory with applications.
(Formerly Mathematics 509.) *Spring quarter and summer*

MATHEMATICS 508, *Seminar* Three hours
An analytical study of mathematical topics and problems originating with either the teacher or the students.
(Formerly Mathematics 510.) *Spring quarter and summer*

MATHEMATICS 509, *Foundations of Algebra* Three hours
An introduction to the study of abstract algebra.
(Formerly Mathematics 511.) *Fall quarter and summer*

MATHEMATICS 510, *Foundations of Geometry* Three hours
An introduction to modern geometry theory.
(Formerly Mathematics 512.) *Winter quarter and summer*

MATHEMATICS 550, *Master of Arts Thesis* Six hours
See Education 550. *Every quarter*

PHYSICS

PHYSICS 300, *Elementary Photography* Three hours
A beginning course in the fundamentals of photography.
Offered on sufficient demand

PHYSICS 301, *Elements of Physics* Four hours
A first course in college physics. Prerequisites: Mathematics 104, 105, 106. *Fall quarter*

PHYSICS 302, *Heat and Sound* Four hours
A continuation of Physics 301. Prerequisite: Physics 301.
Winter quarter

PHYSICS 303, *Electricity, Magnetism, and Light* Four hours
A continuation of Physics 302. Prerequisite: Physics 302.
Spring quarter

PHYSICS 304, *Household Physics* Three hours
A course in physics as applied to the modern home. Prerequisite: one year of college mathematics.
(Formerly Physics 312.) *Winter quarter*

PHYSICS 401, *Optics* Three hours
An introduction to advanced physical and geometric optics. Offered on sufficient demand.
(Formerly Physics 404.) *Fall quarter*

PHYSICS 402, *Modern Physics* Three hours
A first course in modern physics. Offered on sufficient demand.
(Formerly Physics 405.) *Winter quarter*

PHYSICS 403, *Mechanics* Three hours
A first course in mechanics. Offered on sufficient demand.
(Formerly Physics 406.) *Spring quarter*

PHYSICS 404, *Heat and Thermodynamics* Three hours
A first course in heat and thermodynamics. Offered on sufficient demand.
(Formerly Physics 407.) *Winter quarter*

PHYSICS 405, *Electricity and Magnetism* Three hours
A study of the fundamental properties of electric currents. Offered on sufficient demand.
(Formerly Physics 408.) *Spring quarter*

PHYSICS 406, *Advanced Photography and Colorimetry* Three hours
A study of the principles of densitometry and colorimetry. Offered on sufficient demand.
(Formerly Physics 409.) *Winter quarter*

Department of Music Education

The Department of Music Education is fully accredited by the National Association of Schools of Music.

The Department of Music attempts to provide the best possible training for the development of teachers of music in the public schools. Emphasis is placed upon preparing teachers capable of handling any musical situation which might arise in teaching of this type, including the promotion of interest in better music throughout the state, and the presentation of creditable musical performances, instrumental or vocal. The department also seeks to develop to the utmost in each individual student the entire range of his musical potentialities, arousing in each student the desire to become as skilled and proficient a performer as his ability will permit.

For those students who do not choose to follow music as a vocation, the department endeavors to enrich their college experiences through the presentation of a variety of public programs and lyceum concerts. These performances are open also to the community at large.

Music for Primary and Grammar Grade Teachers Only

MUSIC 301, 302, 303, *Music in the Elementary Grades*
Two hours each

A three term course designed to increase the musicianship of the prospective elementary teacher and to develop an adequacy in music teaching methods. These three courses should be taken consecutively, with Music 301 a necessary prerequisite for Music 302 and 303. Performance examinations will be given on the phases of work where required.

Fall, winter, and spring quarters

MUSIC 401, *Music Appreciation* Three hours

A non-technical course designed for students with little or no musical background. Emphasis is placed upon listening to music and finding pleasure in it. Materials satisfactory for use in the public school and presentation techniques are demonstrated.

(Formerly Music 408.) *Winter and spring quarters*

Graduation Requirements for Students Certifying in Music

1. Each music major will, during his senior year, demonstrate satisfactory proficiency in his major performing medium; piano, voice, violin, clarinet, or other band or orchestral instrument. This will be done in one of three ways:

a. An individual recital.
b. A group recital with not more than three participants.
c. A full comprehensive examination which includes:
   (1) Examination on the major instrument
   (2) Examination in theory
   (3) Examination in all other class work in music which the student has covered during the four years.

2. Each music major will, during the senior year, undergo a comprehensive examination in music education. This will cover both the elementary and high school fields.
3. Each music major will appear in at least two recitals each year. Appearance as a soloist in church, before the Music Education Club, in a studio recital, or a public performance, will satisfy this requirement.
4. Music majors are required to attend all concerts and recitals sponsored by the Music Department and assist in making each a success.

MUSIC 101, 102, 103, *Basic Theory* Four hours each

A basic course in the fundamentals of music, triads, seventh chords, and non-harmonic tones approached through the integrated avenues of analyzing, creating, reading, listening, writing, and performing. The more abstract relationships of melody, rhythm, and form in several textures are included. Must be taken consecutively.

(Formerly Music 104, 105, 106.)

Fall, winter, and spring quarters

MUSIC 104, 105, 106, *String Class* One hour each

A presentation of the fundamental principles involved in the playing and teaching of stringed orchestral instruments.

(Formerly Music 125, 126, 127.)

Fall, winter, and spring quarters

MUSIC 201, 202, 203, *Intermediate Theory* Four hours each

A continuation of Basic Theory utilizing the same six integrated avenues of approach. In general a study of modulation and altered chords is made. A survey of the harmophonic style from 1700 through 1900. The study of these elements of music in relation with actual vocal, piano, and ensemble texture is continued. Must be taken consecutively.

(Formerly Music 207, 208, 209.)

Fall, winter, and spring quarters

MUSIC 204, 205, 206, *Woodwind Class* One hour each

A presentation of the fundamental principles involved in playing each woodwind instrument.

(Formerly Music 222, 223, 224.)

Fall, winter, and spring quarters

MUSIC 304, 305, 306, *Music History and Appreciation* Three hours each

A comprehensive study tracing the evolution of music as an art. Emphasis is placed upon the parallel development of the various arts in their relation to music against the cultural background of history, with suggestions for social and political understanding. Two hours lecture and two hours laboratory period.

(Formerly Music 319, 320, 321.)

Fall, winter, and spring quarters

MUSIC 307, 308, 309, *Brass and Percussion Class* One hour each

A presentation of the fundamental principles involved in playing each brass and percussion instrument.

(Formerly Music 323, 324, 325.)

Fall, winter, and spring quarters

MUSIC 310, 311, 312, *Voice Class* One hour each

A presentation of the fundamentals of singing from the teaching and performance standpoint.

(Formerly Music 326, 327, 328.)

Fall, winter, and spring quarters

MUSIC 313, *Choral Conducting* Two hours

A laboratory course in problems of choral conducting. Supervised conducting experience is provided.

(Formerly Music 334.) *Spring or fall quarter*

MUSIC 314, *Instrumental Conducting* Two hours

This is similar to Music 313 but the work will be with bands and orchestras.

(Formerly Music 335.) *Spring or fall quarter*

MUSIC 315, *Introduction to Instrumentation* Two hours

A study of the instruments of the band and orchestra in regard to range, tone quality, and appropriate use in instrumental ensembles, including practice in arranging.

(Formerly Music 336.) *Spring quarter*

MUSIC 402, *Form and Analysis* Four hours

A study of various forms of composition including song forms, dance forms, rondo, canon and fugue, and sonata form, with critical analysis of compositions for voice, chorus, piano, solo instruments, and small ensembles.

(Formerly Music 430.) *Winter and spring quarters*

MUSIC 403, *Instrumentation* Two hours

Instruction in arranging for orchestra, utilizing the works of major composers as models. Prerequisite: Music 315.

(Formerly Music 432.) *Fall or winter quarter*

MUSIC 404, *Band Arranging* Two hours
Arranging for all instruments of the modern symphonic band in march style, and concert arrangements of choral, piano, and orchestral pieces.
(Formerly Music 434.) *Winter or spring quarter*

MUSIC 405, *Advanced Theory, Counterpoint* Four hours
This course includes a survey of the basic stylistic traits of the 13th, 16th, 18th, and 20th century styles of countrapuntal music with a detailed study of the more commonly heard 18th century style. The work involves written exercises and compositions in two through six parts, various canons, the countrapuntal forms, analysis, dictation, and sightsinging in two and three parts.
(Formerly Music 436.) *Fall and winter quarters*

Senior-Graduate Courses

MUSIC 450, *Workshop in the Living Folk Arts of the Appalachian Mountain People* Three hours
(Formerly Music 400.) *Summer*

MUSIC 451, *Choral Materials and Literature* Three hours
A study of choral literature for mixed chorus, girls' glee club, boys' glee club, small ensembles, and church choirs.
(Formerly Music 510 and Music 410.)
Winter quarter and summer

MUSIC 452, *Piano Literature* Three hours
The study of the literature for piano from the pre-Bach era to the present day.
(Formerly Music 438.) *Winter or spring quarter*

MUSIC 453, *Instrumental Materials and Literature* Three hours
An advanced instrumental methods course offering a comprehensive survey of the available instrumental literature, methods, and materials.
(Formerly Music 450.) *Fall quarter and summer*

MUSIC 454, *Problems in Elementary School Music* Three hours
Music teaching in the primary and grammar grades; research and demonstrations of methods of teaching elementary school children.
(Formerly Music 451.) *Fall quarter and summer*

MUSIC 455, *Instrument Repair and Adjustment* Three hours
The repair and care of string, wind, and percussion instruments.
(Formerly Music 453.) *Winter quarter and summer*

MUSIC 456, *Independent Work in Music* Three hours
Research in some phase of music to meet the needs and professional interests of the individual.
(Formerly Music 455.) *Every quarter*

MUSIC 457, *Strings* Three hours
Fundamental principles involved in playing and teaching orchestral stringed instruments. Designed for the graduate student who has had little or no training in strings but who wishes to prepare himself for beginning string work.
(Formerly Music 456.) *Summer*

MUSIC 458, *Woodwinds* Three hours
Fundamental principles involved in playing and teaching the woodwind instruments.
(Formerly Music 457.) *Summer*

MUSIC 459, *Piano Workshop* Three hours
(Formerly Music 460.) *Summer*

MUSIC 460, *Band Pageantry* Three hours
A study of the fundamentals of marching, precision drilling, formations, and maneuvering. The planning of football shows and parades.
(Formerly Music 500.) *Fall quarter and summer*

Graduate Courses

MUSIC 500, *Music of Baroque and Classical Periods* Three hours
A comprehensive study of music in western civilization during the Baroque and Classical periods.
(Formerly Music 501.) *Fall quarter and summer*

MUSIC 501, *Advanced Instrumentation and Band Arranging* Three hours
Arranging music for the school band and orchestra. Projects growing out of actual problems involving substitutions of instruments and arrangements of scores.
(Formerly Music 502.) *Summer*

MUSIC 502, *Music of the Romantic Period* Three hours
A comprehensive study of music in western civilization during the Romantic period.
(Formerly Music 503.) *Winter quarter and summer*

MUSIC 503, *Advanced Conducting* Three hours
Emphasis upon the critical examination of both choral and instrumental scores, with the development of conducting skills necessary in securing the desired effects.
(Formerly Music 504.) *Winter quarter and summer*

MUSIC 504, *Music of the Twentieth Century* Three hours
A comprehensive study of music in western civilization during the present century.
(Formerly Music 505.) *Spring quarter and summer*

MUSIC 505, *Applied Music* One hour
Private instruction is offered in piano, voice, string, and wind instruments. A total of three quarter hours may be taken toward the Master's degree. Before being admitted to graduate standing in applied music, the student must demonstrate a graduate level of performance before a music faculty committee.
(Formerly Music 507.) *Every quarter*

MUSIC 506, *Independent Work in Composition* Three hours
Directed individual study to meet the needs of the student in the field of composition.
(Formerly Music 509.) *Summer*

MUSIC 507, *Music in the Curriculum* Three hours
Music and its place in the elementary school curriculum. For classroom teachers and music specialists.
(Formerly Music 511.) *Spring quarter and summer*

MUSIC 508, *Instrumental Organization and Administration* Three hours
Problems of scheduling, housing, purchasing equipment, and financing the school instrumental program.
(Formerly Music 513.) *Summer*

MUSIC 509, *Music in Junior High School* Three hours
Current practices and trends in curriculum and instructional materials in junior high school, including choral and instrumental methods.
(Formerly Music 515.) *Summer*

MUSIC 510, *Music Activities in the Elementary School* Three hours
Designed for the classroom teacher and covering a five-point program for children; singing, playing, creating, listening, and rhythmic activities.
(Formerly Music 517.) *Fall quarter and summer*

MUSIC 511, *Music in Senior High School* Three hours
Study of the broad implications of the function and role of music in the modern high school, including study of music curriculum problems, instructional materials, and methods.
(Formerly Music 519.) *Summer*

MUSIC 550, *Master of Arts Thesis* Six hours
See Education 550. *Every quarter*

APPLIED MUSIC

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

Piano

This course is basic for all students majoring in music. It is designed to prepare the student for a teaching career and help him gain skill in public performance, stressing the development of sound musicianship. It is advisable that the student have several years of previous study before enrolling as a piano major. Satisfactory piano study should guarantee the following outcomes: the ability to sight read; play simple accompaniments in a musicianly manner; understand representative works from all schools of music, from the pre-Bach era to the present day.

I. Each student shall demonstrate satisfactory proficiency for the second year by means of an examination. Failure to accomplish this will necessitate repeating the examination until such proficiency is demonstrated.

II. The minimum requirements of the proficiency examination are:
   a. The ability to play the most widely used songs in any of the community song books.
   b. The ability to play pieces and accompaniments from the teacher's manual of the graded series for the elementary school.
   c. The ability to improvise chordal accompaniments.
   d. The ability to read at least two scores of instrumental or vocal parts simultaneously at the keyboard.

Piano Ensemble

A supervised study and performance of duo-piano literature. One hour each quarter.

Voice

This work is designed to prepare the student for a career as a performer or as a teacher, or both. The student wishing to major in voice must be able to show definite indication of talent, such as a voice with possibilities for development, the ability to sing on pitch, and an intuitive musical aptitude. Study will include elements of vocal production, diction, diaphragmatic breathing, good posture, vocalizing, and technical exercises; appropriate songs adapted to the student's needs and progress; vocal methods preparatory to private and group instruction in public school teaching.

Organ

Adequate piano facility satisfactory to the instructor is a prerequisite for any work in organ. The study includes pedal scales, hymn playing, and appropriate selections from the works of Bach, Mendelssohn, Franck and Widor as well as contemporary European and American compositions.

Brass Instruments

This study emphasizes proper breath control, embouchure and position as well as good tone production and intonation for each instrument. Exercises and pieces suitable to the student's ability and progress are used.

Reed Instruments

This course emphasizes proper breath control, good intonation based on an understanding of pitch and pitch modification as well as technical facility with the instrument selected for study. Materials will be chosen on the basis of student's ability and progress.

String Instruments

The purpose of string instruction is to promote in each student the basic techniques of good intonation, clarity, and refinement of fingering and bowing styles, and the development of tonal beauty. Emphasis is placed upon the importance of phrasing and interpretation. Students expecting to major in a stringed instrument shall have had sufficient preparation to warrant a major in the instrument.

MUSICAL ORGANIZATIONS

College Band

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

The marching unit of the band functions in close co-operation with the athletic association during the football and basketball seasons.

The concert unit gives a number of local and out-of-town concerts during the season, including a tour of North Carolina and neighboring states.

The band has a collection of instruments which are available for the use of its members. Application for membership should be made during the registration periods.

College Choir

The choir is the oldest musical organization on the campus and is open, not only to music students, but to others who have musical talent and who are interested in singing.

It meets three hours weekly, rehearsals being held on Monday, Wednesday, and Friday at 3:00.

The choir appears in concerts throughout the year locally and in various cities in the state and adjoining states. It has appeared with the North Carolina Symphony Orchestra, the Federated Music Clubs, and each year over the Mutual Network with broadcasts of excerpts from Handel's Messiah.

Opportunity is given for both accompanied and unaccompanied singing, including the study and performance of many fine choral works and styles.

Women's Glee Club

The glee club is an auxiliary organization to the college choir. It meets twice per week, on Tuesday and Thursday at 4 o'clock. The glee club repertoire consists of choice arrangements for girls' voices in two and three parts, and is designed to do program work locally and in conjunction with the college choir on special occasions.

College Symphony Orchestra

The orchestra is open to any student of the college with ability and experience in playing any orchestral instrument. The orchestra rehearses twice each week as a full unit, with additional sectional rehearsals. Emphasis is placed on securing good ensemble, as well as the technical, dynamic, and interpretative demands of the compositions performed. The orchestra appears in concert several times during the year.

Appalachian Chorale

The chorale is composed of sixteen selected voices, eight women and eight men. Individual tryouts are held at the beginning of each school year to fill any vacancies. It meets two hours weekly, rehearsals being held on Tuesdays and Thursdays at 3:00. The group appears in concerts throughout the year for both school and civic affairs in many cities in North Carolina. The spring concert tour includes appearances in larger cities in neighboring states.

Organization Participation

Each person who graduates in music must show participation in these organizations for a minimum of twelve quarters.

Recitals and Concerts

Student recitals are held each quarter in which students gain experience and poise in public performance. Seniors and other advanced students present individual or joint recitals as partial requirements for graduation. Frequent concerts are given by faculty members, the various musical organizations, and visiting artists.

Department of Psychology

PSYCHOLOGY 100, 200, 300, *Assembly* One third hour per quarter
Required of all Freshmen, Sophomores, and Juniors. (Formerly Psychology 108, 208, 308.) *Every quarter*

PSYCHOLOGY 201, *General Psychology* Three hours
Fundamental problems and techniques of psychology. Prerequisite for all other courses in psychology. *Every quarter*

PSYCHOLOGY 301, 302, 303, *The Pupil* Three hours each
Professional laboratory experiences are provided as an integral part of these courses. The kind and number of these experiences assigned will be determined by the instructor within the framework approved by the administration. (These courses must be taken concurrently with Education 301, 302, 303.) (Formerly Psychology 302, 303, 304.)

Fall quarter: Physical and Mental Development of the Child:
Principles of development will be observed in children of different age levels in various social settings. Prerequisite: Psychology 201.

Winter quarter: The Learning Process:
Perceptual and motor learning, thinking and problem-solving behavior, guidance in learning school subjects, measuring the results of learning, and theoretical considerations. Prerequisite: Psychology 301.

Spring quarter: Motivation and Adjustment:
General personality trends, mental hazards of the school child, clinical experiences in analysis and treatment of various personality difficulties. Prerequisite: Psychology 302.

PSYCHOLOGY 304, *Child Psychology* Three hours
Factors relating to the personality development of children; significant contributions and techniques now employed in child psychology. (Formerly Psychology 305.) *Summer*

PSYCHOLOGY 305, *Psychology of Exceptional Children* Three hours
Psychology and treatment of children having various types of physical and mental handicaps. Preventive and remedial measures will be emphasized. (Formerly Psychology 315.) *Summer*

PSYCHOLOGY 401, *Abnormal Psychology* Three hours
The field of mental disorder, changing conceptions of abnormality, and the principles of effective mental hygiene and psychotherapy. (Formerly Psychology 409.) *Spring quarter*

PSYCHOLOGY 402, *Social Psychology* Three hours
The social aspects and motivation, suggestion, attitudes, propaganda, crowd behavior, leadership, religious activity, social misconduct, and war. (Formerly Psychology 410.) *Fall quarter*

PSYCHOLOGY 403, *Psychology of Personality Development* Three hours
Factors influencing personality development and maldevelopment. Problems of personality integration and improvement. (Formerly Psychology 413.) *Winter quarter*

Senior-Graduate Courses

PSYCHOLOGY 450, *Psychology of Personal Adjustment* Three hours
Psychology applied to life, the more significant contributions of psychology to important problems of life. (Formerly Psychology 498.) *Summer*

Graduate Courses

PSYCHOLOGY 500, *A Study of the Psychology of Late Adolescence* Three hours *Summer*

Department of Social Studies

HISTORY

Students planning to take social studies as one major in a double major program should study the subjects required as listed on page 54. Students planning a single major in social studies should note the requirements indicated on page 64. Graduate students should have at least a background approximating the requirements for the double major program.

HISTORY 101, *Ancient Civilization* Three hours
(Formerly History 104.) *Fall quarter*

HISTORY 102, *Medieval and Early European Civilization* Three hours
(Formerly History 105.) *Winter quarter*

HISTORY 103, *Modern European Civilization* Three hours
(Formerly History 106.) *Spring quarter*

HISTORY 201, *American History, 1492-1837* Three hours *Fall quarter*

HISTORY 202, *American History, 1837-1880* Three hours *Winter quarter*

HISTORY 203, *American History, 1880-* Three hours
Spring quarter

HISTORY 301, *England to 1485* Three hours
Fall quarter

HISTORY 302, *England, 1485 to 1715* Three hours
Winter quarter

HISTORY 303, *England Since 1715* Three hours
Spring quarter

HISTORY 304, *Economic History of the United States* Three hours
(Formerly History 308.) *Offered on sufficient demand*

HISTORY 305, *Current History* One hour
State, national, and international current events.
Every quarter

HISTORY 306, *North Carolina Social Studies* Three hours
Consideration of the geography, history, economic, and social problems. (Formerly History 318.) *Every quarter*

Senior-Graduate Courses

SOCIAL STUDIES 450, *Workshop in the Living Folk Arts of the Appalachian Mountain People* Three hours
(Formerly Social Studies 400.) *Summer*

HISTORY 451, *Recent United States History* Three hours
The United States since 1914. (Formerly History 409.)
Every quarter

HISTORY 452, *North Carolina History, 1663-1835* Three hours
(Formerly History 413.) *Fall quarter*

HISTORY 453, *North Carolina History, 1835—* Three hours
(Formerly History 414.) *Winter quarter*

HISTORY 454, *Nineteenth-Century Europe* Three hours
European civilization from 1815 to 1914. (Formerly History 420.) *Fall quarter*

HISTORY 455, *Recent Europe* Three hours
Europe since 1914. (Formerly History 421.)
Winter and spring quarters

HISTORY 456, *Colonial America* Three hours
(Formerly History 423.) *Spring quarter*

HISTORY 457, *History of Russia* Three hours
(Formerly History 424.) *Spring quarter*

HISTORY 458, *Workshop in International Relations* Three hours
Summer

SOCIAL STUDIES 459, *Workshop for Teachers in Social Studies Education* Three or six hours
See Education 459. (Formerly Social Studies 477.) *Extension*

HISTORY 460, *The Middle Ages* Three hours
Fall quarter

HISTORY 461, *Renaissance and Reformation* Three hours
Winter quarter

HISTORY 462, *History of Latin America* Three hours
Summer

HISTORY 463, *History of the Far East* Three hours
Summer

Graduate Courses

SOCIAL STUDIES 500, *Heritage of Western Civilization* Three hours
(Not to be taken by persons with major or minor in social studies, except by permission.) (Formerly Social Studies 501.)
Summer

SOCIAL STUDIES 501, *Determining Influences in American History* Three hours
(Not to be taken by persons with major or minor in social studies, except by permission.) (Formerly Social Studies 502.) *Summer*

SOCIAL STUDIES 502, *Formation of the American Union* Three hours
The chief emphasis will be on the period from the Revolutionary Era to about 1800. (Formerly Social Studies 504.)
Spring quarter

SOCIAL STUDIES 503, *Civil War and Reconstruction* Three hours
(Formerly Social Studies 505.)
Spring quarter 1962 and alternate years thereafter

SOCIAL STUDIES 504, *Jacksonian Democracy* Three hours
(Formerly Social Studies 506.) *Fall quarter*

SOCIAL STUDIES 505, *Geography of North America* Three hours
(Formerly Social Studies 507.) *Offered on sufficient demand*

SOCIAL STUDIES 506, *Geographic Aspects of World Affairs* Three hours
A geographic analysis of major world movements and events associating the physical environment with social, political, and racial factors. (Formerly Social Studies 516.)
Offered on sufficient demand

SOCIAL STUDIES 507, *The Old South* Three hours
The Southern states preceding the Civil War. (Formerly Social Studies 527.)
Winter quarter 1961-62 and alternate years thereafter

SOCIAL STUDIES 508, *The New South* Three hours
The Southern states after the Civil War. (Formerly Social Studies 537.) *Winter quarter 1960-61 and alternate years thereafter*

SOCIAL STUDIES 509, *The Westward Movement* Three hours
(Formerly Social Studies 538.)
Spring quarter 1961 and alternate years thereafter

SOCIAL STUDIES 510, *History of American Foreign Policy* Three hours
(Formerly Social Studies 542.) *Fall quarter*

SOCIAL STUDIES 511, *International Relations* Three hours
(Formerly Social Studies 544.) *Offered on sufficient demand*

SOCIAL STUDIES 550, *Master of Arts Thesis* Six hours
See Education 550. *Every quarter*

ECONOMICS

ECONOMICS 201, *Introductory Economics* Three hours
Prerequisite to all other economics courses. *Every quarter*

ECONOMICS 202, *Principles of Economics* Three hours
An analysis of the major principles of modern economics. Prerequisite: Economics 201. (Formerly Economics 210.)
Winter and spring quarters

ECONOMICS 203, *Economic Problems* Three hours
Prerequisite: Economics 201. (Formerly Economics 211.)
Spring quarter

ECONOMICS 301, *Consumer Economics* Three hours
Prerequisite: Economics 201. (Formerly Economics 303.)
Fall quarter

ECONOMICS 302, *Public Finance and Taxation* Three hours
Prerequisite: Economics 201. (Formerly Economics 304.)
Winter quarter

ECONOMICS 303, *Labor Economics* Three hours
Prerequisite: Economics 201. (Formerly Economics 305.)
Spring quarter

ECONOMICS 304, *Introduction to Retailing* Three hours
Prerequisite: Economics 201. (Formerly Economics 312.)
Fall and winter quarters

ECONOMICS 401, *Personal Finance* Three hours
Prerequisite: Economics 201. (Formerly Economics 402.)
Winter quarter

ECONOMICS 402, *Current Economics* Three hours
Prerequisite: Economics 201. (Formerly Economics 413.)
Offered on sufficient demand

Senior-Graduate Courses

ECONOMICS 450, *Money and Banking* Three hours
Prerequisite: Economics 201, or equivalent. *Spring quarter*

GEOGRAPHY

GEOGRAPHY 101, *Principles of Geography* Three hours
Fall quarter

GEOGRAPHY 102, *World Regions* Three hours
Every quarter

GEOGRAPHY 103, *Economic and Commercial* Three hours
Spring quarter

GEOGRAPHY 301, *Geography of Europe* Three hours
(Formerly Geography 308.) *Fall quarter*

GEOGRAPHY 302, *Geography of South America* Three hours
(Formerly Geography 309.) (Not offered 1960-61.)
Winter quarter

GEOGRAPHY 303, *Geography of Asia* Three hours
(Formerly Geography 310.) *Spring quarter*

GEOGRAPHY 304, *Geography of Africa* Three hours
Winter quarter

GEOGRAPHY 401, *Conservation of Natural Resources* Three hours
(Formerly Geography 405.) *Offered on sufficient demand*

Senior-Graduate Courses

GEOGRAPHY 450, *Geographical Influences in American History*
Three hours
(Formerly Geography 406.) *Winter quarter*

GOVERNMENT

GOVERNMENT 201, *Government of the United States* Three hours
Every quarter

GOVERNMENT 301, *American State Government* Three hours
Prerequisite: Government 201. (Formerly Government 303.)
Winter quarter

GOVERNMENT 302, *Recent Political Thought* Three hours
(Formerly Government 302.) *Spring quarter*

SOCIOLOGY

SOCIOLOGY 301, *General Sociology* Three hours
(Formerly Sociology 303.) *Fall quarter*

SOCIOLOGY 302, *Educational Sociology* Three hours
(Formerly Sociology 301.) *Winter quarter*

SOCIOLOGY 303, *Rural Sociology* Three hours
(Formerly Sociology 302.) *Spring quarter*

SOCIOLOGY 304, *Propaganda* Three hours
(Formerly Sociology 305.) *Fall quarter*

SOCIOLOGY 401, *The Family* Three hours
(Formerly Sociology 403.) *Fall, winter, and spring quarters*

SOCIOLOGY 402, *Race Relations* Three hours
(Formerly Sociology 406.) *Winter quarter*

SOCIOLOGY 403, *Social Origins* Three hours
(Formerly Sociology 424.) *Offered on sufficient demand*

Senior-Graduate Courses

SOCIOLOGY 450, *Social Pathology* Three hours
(Formerly Sociology 495.)
Summer 1961 and alternate summers thereafter

SOCIOLOGY 451, *Social Problems of the Southern Regions* Three hours
(Formerly Sociology 496.)
Summer 1960 and alternate summers thereafter

SUMMARY OF ENROLLMENT AND ATTENDANCE FOR THE 1959-1960 SCHOOL YEAR

Fall Term

Campus:		
Number carrying full load		2055
Number carrying less than full load	210	
Full time student equivalent, less than full load	153	
Extension:		
Total number of individuals	113	
Full time student equivalent	68	
Grand Total:		
Individuals enrolled		2378
Full time student equivalent		2276

Winter Term

Campus:		
Number carrying full load		1909
Number carrying less than full load	4	
Full time student equivalent, less than full load	2	
Extension:		
Total number of individuals	201	
Full time student equivalent	121	
Grand Total:		
Total number of individuals		2114
Full time student equivalent		2032

Spring Term

Campus:		
Number carrying full load		1786
Number carrying less than full load	196	
Full time student equivalent, less than full load	140	
Extension:		
Total number of individuals	238	
Full time student equivalent	149	
Grand Total:		
Individuals enrolled		2220
Full time student equivalent		2075
Total number of individuals enrolled during the school year		2914
Average full time student equivalent		2127

Registration Schedules

1960-1961

FALL TERM

8:30	to	9:30	Greer through K
9:30	to	10:30	T through Z
10:30	to	11:30	O through S
1:00	to	2:00	L through N
2:00	to	3:00	Cl through Greene
3:00	to	4:00	A through Ch
4:00	to	5:00	Late arrivals and special problem cases

WINTER TERM

8:30	to	9:30	A through Ch
9:30	to	10:30	Greer through K
10:30	to	11:30	T through Z
1:00	to	2:00	O through S
2:00	to	3:00	L through N
3:00	to	4:00	Cl through Greene
4:00	to	5:00	Late arrivals and special problem cases

SPRING TERM

8:30	to	9:30	Cl through Greene
9:30	to	10:30	A through Ch
10:30	to	11:30	Greer through K
1:00	to	2:00	T through Z
2:00	to	3:00	O through S
3:00	to	4:00	L through N
4:00	to	5:00	Late arrivals and special problem cases