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BULLETIN OF  
LONGWOOD  
COLLEGE



Undergraduate Issue  
1974·1975



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The new seal of Longwood College, depicted in logo form on the front of the catalog, was adopted by the Board of Visitors on May 3, 1974. The seal was designed by Mr. Charles Martin of Richmond, Virginia.

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Longwood College Bulletin, Catalogue Issue, Volume LXIII, Number 1, July 1974. Announcements 1974-75. Virginia's first state college for women. Accredited by Southern Association of Colleges and Schools, National Council for Accreditation of Teacher Education, Virginia State Board of Education. Undergraduate enrollment approximately 2,200 students.

Published quarterly by Longwood College, Farmville, Virginia, 23901.

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# Contents

The College . . . . .	5
Admission & Placement . . . . .	15
Student Life . . . . .	19
Financial Information . . . . .	29
Academic Regulations . . . . .	41
Programs of Study. . . . .	51
Departments . . . . .	57
Course Requirements . . . . .	127
Alumnae Association . . . . .	169
Board of Visitors . . . . .	173
Administration . . . . .	174
Faculty . . . . .	178



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# Academic Calendar 1974-'75

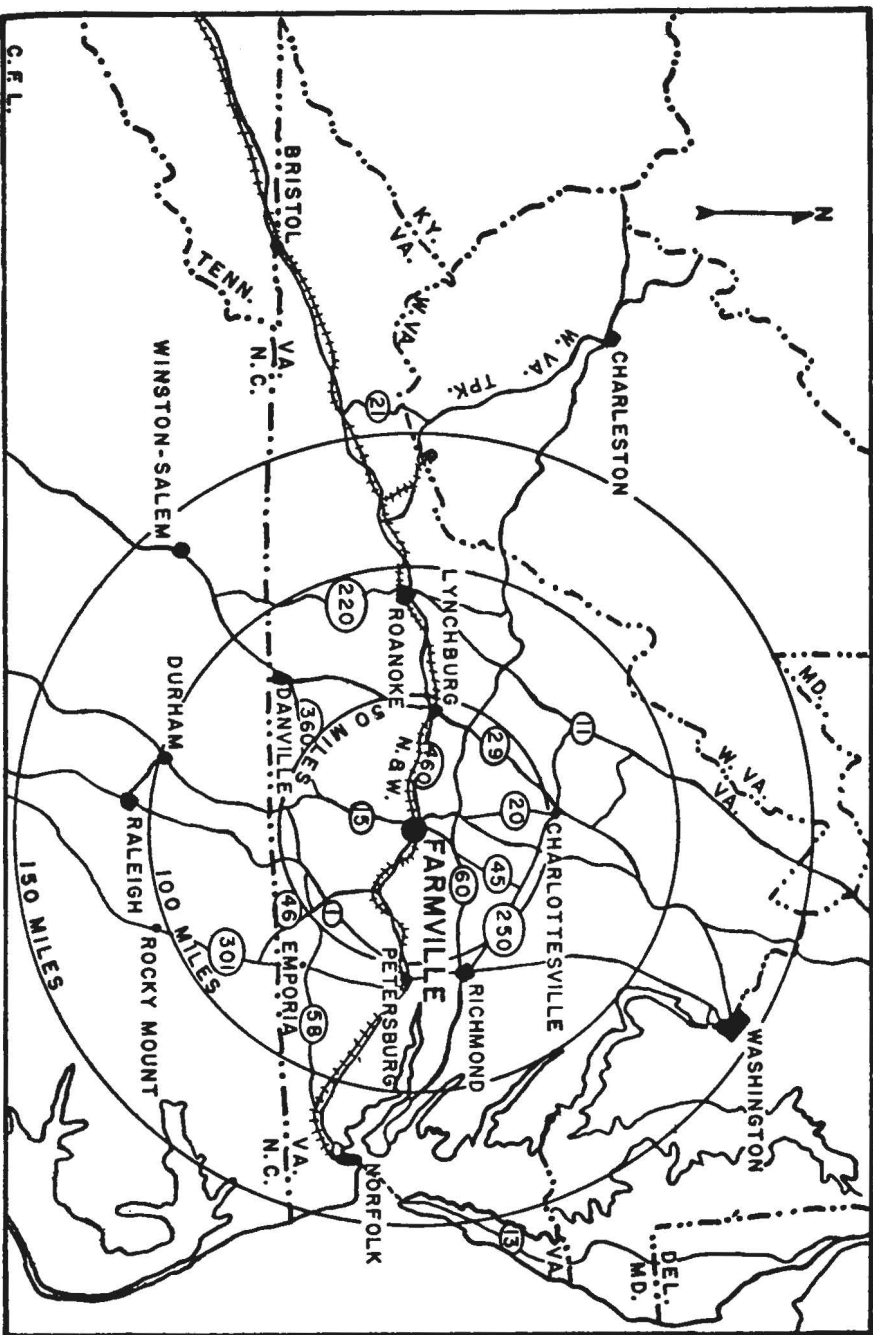
## First Semester

June 10	<b>Monday</b> —Summer Session begins.
July 21	<b>Sunday</b> —Summer Academic Planning Program begins.
August 2	<b>Friday</b> —Summer Academic Planning Program ends.
August 16	<b>Friday</b> —Summer Session ends.
August 24	<b>Saturday</b> —Opening date Freshmen and transfers arrive.
August 27	<b>Tuesday</b> —Professional semester begins.
August 28	<b>Wednesday</b> —Classes begin at 8 a.m. (short periods)
September 2	<b>Tuesday</b> —Convocation.
September 6	<b>Friday</b> —Last day for filing schedule changes in Registrar's Office.
October 11	<b>Friday</b> —Last day for dropping classes in Registrar's Office, without an automatic "F".
October 18	<b>Friday</b> —Mid-semester estimates due at noon.
October 25	<b>Friday</b> —Fall holiday begins after classes.
October 30	<b>Wednesday</b> —Classes resume at 8 a.m.
November 18	<b>Monday</b> —Advising period for pre-registration begins.
November 27	<b>Wednesday</b> —Thanksgiving holiday begins at 12 noon.
December 2	<b>Monday</b> —Classes resume at 8 a.m.
December 7	<b>Saturday</b> —Pre-registration for second semester 1974-75.
December 10	<b>Tuesday</b> —Classes end.
December 11	<b>Wednesday</b> —Reading Day.
December 12	<b>Thursday</b> —Examinations begin.
December 20	<b>Friday</b> —Professional semester ends. Examinations end.
December 23	<b>Monday</b> —Final grades due in Registrar's Office at noon.

## Second Semester

January 13	<b>Monday</b> —Classes begin at 8 a.m. Professional semester begins.
January 20	<b>Monday</b> —Last day for filing schedule changes in Registrar's Office.
February 28	<b>Friday</b> —Last day for dropping classes in Registrar's Office, without automatic "F".
March 3	<b>Monday</b> —Mid-semester estimates due at noon.
March 21	<b>Friday</b> —Spring holiday begins after classes.
March 31	<b>Monday</b> —Classes resume at 8 a.m.
April 7	<b>Monday</b> —Advising period for pre-registration begins.
April 19	<b>Saturday</b> —Pre-registration for first semester 1975-76.
April 29	<b>Tuesday</b> —Classes end.
April 30	<b>Wednesday</b> —Reading Day
May 1	<b>Thursday</b> —Examinations begin.
May 9	<b>Friday</b> —Professional semester ends. Examinations end.
May 12	<b>Monday</b> —Final grades due in Registrar's Office at noon.
May 17	<b>Saturday</b> —Commencement.





The central location of Longwood College, in Farmville, Virginia, is attractive to students from all areas of Virginia and from adjoining states.

# The College

Longwood is a predominantly women's college with men admitted as day students at all levels and in the graduate program. A student exchange program is carried out in conjunction with Hampden-Sydney College.

The primary educational objective of Longwood College is to provide a baccalaureate curriculum distinguished by academic excellence. Particular attention is given to teacher preparation; pursuant to the goal of academic excellence, every effort is made to combine a strong liberal arts approach with this professional emphasis. The College also offers liberal arts degrees without teacher certification, as well as social work, office administration, and pre-professional medical curricula. Details of various departmental offerings may be found in the catalogue section on Departments of Instruction.

Four undergraduate degrees are offered: Bachelor of Arts, Bachelor of Science, Bachelor of Science in Business Education and Bachelor of Music Education. In addition, Longwood College provides a graduate program leading to the Master's degree for persons who wish additional preparation for teaching in the elementary and secondary schools, or for supervisory or counseling work. Degrees are presently available with concentrations in education, English and history. Longwood College is pledged to a policy of non-discrimination because of race or religion. The policy of non-discrimination applies to all phases of college life including admissions.

## HISTORY

Longwood College, a pioneer first in private and later in public education, is one of the oldest colleges for women in the United States. The College was founded on March 5, 1839, this being the date that the Farmville Female Seminary Association was incorporated by the General Assembly of Virginia. The seminary opened its doors in an impressive brick building in the Georgian style of architecture, which now forms a part of Ruffner Hall, the administration building at Longwood College. Prior to 1839 there existed the Farmville Female Seminary established in 1833 and another female seminary established in 1835 by the Reverend A. J. Heustis. It is possible that the seminary of 1839 was an outgrowth of these earlier schools.

In succeeding years the increasing prosperity of the Farmville Female Seminary or Female Academy, as it was sometimes called, led the stockholders to expand the seminary into a college, and the Farmville Female College was incorporated in 1860. This college, under both private and church management, enjoyed a long period of successful operation. Between 1860 and 1884 it was directed in turn by George La Monte, a young graduate of Union College, New York; Arnaud Preot, a distinguished French musician and linguist, Dr. Paul Whitehead, a Methodist minister; and the Misses Fannie and Mary Elizabeth Carter of Mecklenburg County.

The first State legislature to assemble after the adoption of the post-bellum constitution established a system of public schools in Virginia on July 11, 1870. For twelve years or more, the conduct of these schools was



entrusted to such teaching forces as were found ready at hand. However, during this period it became evident to educational leaders that some provision must be made for the training of teachers. To meet this demand, the legislature on March 7, 1884, passed an act establishing a State Normal School. On April 7, 1884, the State of Virginia acquired the property of the Farmville Female College, and in October of the same year the Normal School opened with 110 students enrolled. This was the first State institution of higher learning for women in Virginia.

With the passage of the years, the Normal School expanded its curricula and ran through a succession of names. It became the State Normal School for Women in 1914, the State Teachers College at Farmville in 1924, and Longwood College in 1949.

The College's present name was derived from Longwood Estate, a tract of 103 acres acquired by the institution in 1928. This beautiful property, originally consisting of thousands of acres, was purchased by Peter Johnston in 1765, and was the home of Peter Johnston, Jr., a lieutenant in Light Horse Harry Lee's famed legion and judge of the Circuit Court of Virginia. General Joseph E. Johnston, Confederate military figure, was born there.

In 1811 the estate was bought by Abram Bedford Venable, a United States Senator and the organizer and first president of the first bank in Virginia. After the destruction by fire of the original house on the estate, the present house was erected in 1815 by Nathaniel E. Venable, an officer in the War of 1812 and a member of the Virginia House of Delegates and the Senate. It is the birthplace of Lieutenant Colonel Charles Scott Venable, who was a member of General Robert E. Lee's staff, and professor of mathematics and chairman of the faculty of the University of Virginia. Longwood Estate now serves as the official home for the President of the College.

The College was first authorized to offer four-year curricula leading to the degree of bachelor of science in education in 1916. It was authorized to offer the degree of bachelor of arts in 1935, the degree of bachelor of science in 1938, curricula in business education the same year and courses leading to a degree in music education in 1949. In 1954, graduate programs were authorized.

## LOCATION

The college is located in Farmville, seat of Prince Edward County, in southside Virginia. A progressive town with a population of 6,000, it is the business and education center of the area. Located in and near town are churches, hotels, motels, a country club, a municipal airport and a community hospital. Hampden-Sydney College, a liberal arts college for men, is five miles south of the campus. Many points of historic interest are within a short distance of Farmville, including Appomattox Courthouse and Saylor's Creek Battlefield.

Farmville is sixty-five miles west of Richmond and Petersburg, fifty miles east of Lynchburg and sixty miles south of Charlottesville. U.S. Highways 15 and 460 intersect in town. Greyhound and Trailway Bus systems provide service to the town.

The geographic location of the college is such that a mild climate prevails

throughout the year with an absence of extremes in temperatures.

## CAMPUS AND BUILDINGS

The main campus consists of 50 acres adjacent to the Farmville business district. Buildings on the original portion of the campus are colonial in architecture, constructed of red brick and adorned with white trim. Buildings on the newer campus areas are contemporary. All facilities are within easy walking distance of each other. An extensive construction program was completed in September 1970, representing a \$5,000,000 program involving five new buildings and renovation of older facilities. Another construction program costing \$850,000 and providing two new buildings and renovation of others was completed in September 1972. A 100-acre plot, one mile east of the main campus, provides a nine-hole golf course, clubhouse, recreational cabin and picnic facilities. An extensive landscape development plan is now being implemented in several areas of the campus.

## ACADEMIC BUILDINGS

### Ruffner Hall

Dominated by the famous Rotunda and colonnades, this structure houses the main administrative offices. A number of faculty offices are located in the building. The interior of the dome is decorated with the fresco painted by E. Malsalconi. Joan d'Arc, sculptured by Henri-Michel-Antoine Chapu, reposes in the main foyer. Visitors to the college may stop at the Information Office in the foyer for college literature and guided tours of the campus. The Language Department is located in Ruffner Hall. Facilities of this department include a laboratory, recording room, a system of dial-access, and are air conditioned.

### Grainger Building

Located immediately west of and connected to Ruffner Hall, this building houses the Business Education, English and Mathematics Departments, and several classrooms for the History and Social Sciences Department. Machine and office equipment rooms of the Business Education Department are air conditioned.

### Lancaster Library

This beautiful structure, with its clock tower, was constructed in 1938 and received extensive enlargement and renovation in 1961. It is considered to be one of the finest such facilities possessed by any college in the state. The library is immediately west of the Grainger Building. Completely air conditioned, its three floors include individual study carrels, group study and discussion rooms, seminar rooms, a typing room, faculty carrels, and a separate reading room for the use of the collection of periodicals and newspapers on 2,300 reels of microfilm. The main book collection, approximately 120,000 volumes, is available on open shelves to all users with



reading and informal lounge areas interspersed among the book areas on three floors. Other collections in the library include a file of 8,000 pamphlets, a picture file of 6,800 items and more than 1,300 maps. Twenty-two newspapers and some 875 current magazines are received. Also in the library is a collection of college publications, student publications, college catalogues, alumnae bulletins, and other materials.

A library orientation program is given to all freshmen by members of the English Department in cooperation with the library staff. By means of this program students are introduced to the library building and its functional divisions, to the various book collections, and to general and special reference tools. They are shown how to borrow library materials, how to use the Faculty Reserve Collection, and how to locate subject materials or specific books. This program is supplemented by individual instruction through each student's four years of college.

During regular sessions, the library is open at scheduled periods totaling 86 hours each week. The time schedule is posted at the main entrance to the library. Library service to alumnae is rendered locally or by mail. Loan services to teachers in southside Virginia are provided according to the regional plan placed in effect by the State Board of Education. It is the aim of the library to obtain maximum use of its materials by students, alumnae, faculty, and friends of the College.

#### Jarman Hall

Located to the west of Lancaster Library, Jarman Hall provides facilities for the Department of Speech and Dramatic Arts. Among the appointments are classrooms, a small theater, rooms for dressing and storage of costumes, a prop shop, and the college radio station. The main auditorium seats 1,227 persons. Students gather in the auditorium on frequent occasions to enjoy concerts, plays, lectures and movies sponsored by the College. The auditorium is made available as a community center whenever possible. The main auditorium, small theater and radio studio are air-conditioned.

#### Stevens-McCorkle Hall: Jeffers Auditorium

The Department of Natural Sciences, which includes the disciplines of biology, chemistry, physics, general science, and earth science occupies this structure. Located southwest of Jarman Auditorium, the Stevens-McCorkle-Jeffers complex contains laboratories, lecture rooms and office space for the department. The 235-seat capacity of Jeffers Auditorium, completed in 1968, also functions as a meeting place for various college groups. The McCorkle Wing and the auditorium are air-conditioned.

A greenhouse is located nearby for use by the department, and a modern facility for the care and maintenance of research animals is available on the lower floor of Jeffers. The College Museum, located in Stevens Hall, contains more than 1,200 minerals, rocks, fossils, plants and animals. Most of the geological specimens were gifts from the private collections of D.A. Brodie and H.B. Derr. Modern in every aspect, this building enables the College to offer excellent preparation in science.

### Hiner Building

Renovated in 1970 and 1971, this building provides offices, classrooms and laboratories for the Department of Education, Psychology and Philosophy and for the Department of History and Social Sciences. Laboratories for geology and geography are also located in the Hiner Building. A studio providing closed-circuit television for classrooms on campus is in the building, along with the Bureau of Teaching Materials. The latter contains an extensive assortment of audio-visual teaching aids and a tape and film library. The building is immediately south of Grainger Building.

### Coyner Building

Opened in the fall of 1970, and adjacent to Hiner Building, the facilities of this structure include a Child Development Laboratory; a Housing, Equipment and Home Furnishings Laboratory; a Foods Laboratory and Clothing Laboratory. The four-year-old children of Longwood faculty and staff members may attend the nursery school, an integral part of the Child Development Laboratory which opens into a fully-equipped playground. Adjacent to the Housing, Equipment and Home Furnishings Laboratory is a workroom in which students may learn how to repair, refinish and upholster furniture. A professional reading library, faculty conference room, offices and a multipurpose classroom, equipped with a portable demonstration kitchen, are additional features of the Coyner Building.

### Worthy Johnson Crafts Home Management House

Built in 1960, this facility is located across the street from Ruffner. Senior home economics majors live for one-half semester here, gaining experience in the management of modern homes and families. The combination of the Crafts and Coyner structures provides the department with excellent facilities for the teaching of home economics.

### Wygal Building

A part of the Fine Arts complex completed in September 1970, and located two blocks south of Jarman Hall, this building houses the Music Department and is centrally air-conditioned. It contains a 215-seat recital hall, classrooms, offices, a listening laboratory, rehearsal room, sound-proof individual studios and practice rooms, a recording studio, and a Green Room for after-recital receptions. Among the various types of instruments available are 42 pianos, 24 electronic pianos for class instruction, a Schlicker two-manual organ, a Wilhelm two-manual organ, a Becharath practice organ, and two electronic organs. Other equipment includes two Steinway grand pianos, two Mason and Hamlin grand pianos, two Baldwin grand pianos, and a Sperrhake two-manual harpsichord, all types of string, reed, brass, and percussion instruments, a library of recordings and music, and an electronic teaching machine for ear-training.

### Bedford Building

Within the Fine Arts complex, and centrally air-conditioned, the Bedford Building houses the Department of Art. Special features of this structure include individual studios for painting, drawing, sculpture, ceramics, print making, art education, crafts, as well as facilities for the teaching of photography. A spacious exhibit gallery displays the works of various well-known artists throughout the year. An auditorium having a capacity of 176 seats is available for lectures and films. A patio was constructed in 1972 providing an outdoor facility for sculpturing and ceramics instruction.

### Wynne Campus School

This unique structure, housing a self-contained plant for elementary school children from kindergarten through seventh grade, was completed in September 1970. Circular in design, each classroom opens on one side into a multi-purpose gymnasium-library-music-auditorium room and on the other side to out-of-doors physical education and recreational facilities. It is air-conditioned, electrically heated, and equipped with the most modern teaching aids for the 200 students enrolled. Observation of elementary teaching methods employed at the campus school supplements the student teaching experience of college students majoring in elementary education. The school is situated at the southernmost end of the campus. Classes conducted in the building may be monitored elsewhere on campus by means of closed-circuit television.

### Iler Gymnasium-French Gymnasium

Several facilities are used by the Department of Health and Physical Education. **Iler Gymnasium**, immediately south of Coyner Hall, contains a gymnasium with regulation basketball court, classroom, faculty offices, and storage space for equipment. An athletic field and two tennis courts are adjacent.

**French Gymnasium**, east of Ruffner Hall, contains basketball courts with spectator gallery, a swimming pool, classroom, research and teaching laboratory, faculty offices and locker-shower rooms. It opens onto four illuminated tennis courts and a second athletic field.

A dance studio is located in French Building. Fencing classes are conducted in Barlow Building to the rear of French. Instruction in golf is given at the golf course at Longwood Estate, while instruction in bowling is presented at the bowling alley in the Student Union.

### RESIDENCE HALLS

Eleven residence halls offering comfort, convenience, recreation and study areas are an integral part of life at Longwood College. A Head Resident occupies a suite of rooms in each residence hall and is available to the students for any help they may need. She also works closely with the Housekeeping Supervisor for residence hall maintenance.

The student rooms are warm and colorful, furnished with beds, desks,



chairs, dressers, bookshelves, and closet space. Each student is responsible for the care of her own room and is expected to furnish her own study lamp, bed linens, bedspreads, blankets, pillows, towels, washcloths and waste baskets.

Kitchen and laundry facilities are available on most halls for student use. The recreational areas located in each residence hall are spacious and each has an adjoining kitchen.

In the spring, returning upperclassmen choose their residence halls and suites for the next fall session.

### Tabb-French Halls

The oldest of the residence halls, these two buildings are located east of Ruffner Hall, the Administrative Building, and overlook the colonnade and sunken garden. Students have direct inside access to the gymnasium, swimming pool, infirmary, dining hall and a number of classrooms. Bathroom facilities are located on each floor. Extensive renovation programs were completed in these residence halls in 1970, 1971, and 1972.

### The Cunninghams

North Cunningham, constructed in 1928, Main Cunningham in 1932, with an annex constructed in 1938 and South Cunningham in 1958, form a complex of three residence halls. Centrally located on campus, each of these residence halls has elevator service and rooms arranged in suites with connecting baths.

### Wheeler, Cox, Stubbs Residence Halls

These three residence halls, similar in construction and appointment, were built during the periods 1960 to 1966 and are located on the western edge of the campus. Elevator service is provided in each and the rooms here, as in the Cunninghams, are arranged in suites with connecting baths. Social sorority members may choose rooms in Stubbs adjacent to the chapter rooms.

### Curry and Frazer Residence Halls

These ten-story high-rise buildings were completed in 1969 and 1970 respectively. They are of contemporary design, centrally air-conditioned and offer elevator service. Located on Main Street on the eastern edge of the campus, the residence halls are connected by a beautifully appointed Commons Room. Students are housed in suites of two and three bedrooms, and each suite contains a bathroom facility.

## SUPPORT FACILITIES

### Lankford Building

This building is the hub of student activities on the Longwood Campus. Constructed in 1967, it is located between Iler Gymnasium and Stubbs

Residence Hall, the Cunninghams and the Wygal Music Building. The lower floor contains bowling alleys, a snack bar, bookstore, post office and office for student publications. The entrance near the Snack Bar opens onto a patio where umbrella-covered tables are provided for student use. The upper floor contains the beautiful Gold Room where many social affairs are held, reading and television rooms, a large meeting hall which may be divided into three smaller rooms, offices for student government organizations, the Student Union and the Director of Student Activities. A separate room with Pullman kitchen is provided for the use of day students.

### Dining Hall

This facility is part of Ruffner Hall and may be entered from the Rotunda. The dining hall accommodates all boarding students for family-style meals in both upper and lower halls. Food service is provided by the A.R.A. Slater Management, Incorporated, a nationwide company specializing in college food service. The bakery and kitchens contain modern cooking and dishwashing equipment.

An extension of first and second floor facilities, providing seating for an additional 450 persons, a banquet room, roof terrace, and central air-conditioning for the entire building, was completed during the summer of 1972.

### Infirmary

Located adjacent to Tabb and French Residence Halls, the Infirmary provides routine medical service for students. It is staffed by a physician and five registered nurses. A renovation and modernization program of the building was undertaken in 1971.

### Graham Building

The east wing of this building provides offices for Director of the Physical Plant, his assistants and supervisors. The Campus Police Office is quartered in this wing, also. The laundry is housed in the west wing of the structure and is equipped with modern machinery to render required service to the students, dining hall and Infirmary.

### Heating Plant

This plant is located south of Graham Building and provides heat and hot water for all buildings except the Wynne Campus School. The facility was completely renovated in 1973, at which time two of the four boilers were converted from coal-firing to oil operation providing greater flexibility in the choice of fuel and reducing air pollution.

### Service Building

A new service building, located at Main and Redford Streets on the eastern edge of the campus, was completed in 1972. The lower level contains

offices of the housekeeping supervisor and automobile, plumbing, painting, and electrical and air-conditioning shops. Parking for the motor pool and equipment is adjacent. The upper floor provides a warehouse for central stores and an office for the storekeeper.

### Alumnae House

This elegant and historic house, located two blocks from the main campus on High Street, was formerly the residence of the college president. It now provides facilities for social functions and limited overnight accommodations for visiting alumnae.

### Parking

A hard-surface parking lot for student automobiles was completed opposite the student union in 1970. It is lighted and will accommodate 90 cars. Two temporary parking lots are located opposite Curry and Frazer Residence Halls. Other temporary lots for student cars are located adjacent to Iler Field and on Ely Street. Students' authorized automobiles are also permitted to park on the several streets passing through and bordering the campus. The Chief of Campus Security maintains a chart showing parking areas and issues parking permits.

Parking for faculty and staff is provided in lots adjacent to Jarman Auditorium, Tabb Hall, Graham Building, Hiner Building, Coyner Building and the Fine Arts Center.

It should be understood that every effort is made to provide students with parking areas. However, the College has no obligation nor authorization to expend funds for the purchase of additional land or to build additional parking areas. The College therefore reserves the right to modify the rules, at any time, in regard to who may have automobiles at the College.

## STUDENT TEACHING CENTERS

The public schools in the counties adjacent to Farmville, the Danville City public schools, the Colonial Heights City public schools, the Lynchburg City public schools, the Richmond City public schools, the South Boston City public schools, and the Appomattox County, Charlotte County, Chesterfield County, Cumberland County, Fairfax County, Halifax County, Henrico County, Prince Edward County, and the Prince George County public schools cooperate with the College in making facilities available for student teaching.

These schools are well equipped with laboratories, libraries, cafeterias, and workrooms. The faculties include teachers who are well qualified as supervising teachers.

The College program and the program of student teaching are co-ordinated through the Department of Education.

## THE COLLEGE YEAR

The college year consists of a regular session, including two semesters of

16 weeks each, and a summer session. The summer session for undergraduate and graduate students consists of a ten-week session divided into two five-week terms. The ten-week summer session makes it possible for an undergraduate student to complete a degree program in three calendar years as compared with the traditional four academic years generally required to complete such a program.

Both undergraduate and graduate classes during the summer are scheduled for five days a week. Students may apply for admission to Longwood College in the summer session or at the beginning of either semester of the regular session.

## COMMENCEMENT

Commencement exercises are held once a year, in the spring. Those students completing degree programs between commencements will be given a letter certifying that they have fulfilled all requirements for graduation. They will receive diplomas at the next spring commencement.

Graduating seniors must buy or rent from the college book store the caps, gowns, and hoods required for commencement exercises.

## ACCREDITATION

The College is fully accredited as a professional school for the undergraduate training of teachers and as a liberal arts college. It is accredited by the Southern Association of Colleges and Schools, the National Council for Accreditation of Teacher Education, and the Virginia State Board of Education. It is on the list of colleges approved by the American Association of University Women. Its pre-medical curriculum is approved by the Council on Medical Education and Hospitals of the American Medical Association. Its preprofessional curricula in nursing, medical technology, pharmacy, dental hygiene and physical therapy prepare students for admission to accredited schools. Its social work program is approved by the Council on Social Work Education.

The College is a member of the Association of American Colleges, American Association of Colleges for Teacher Education, Association of Virginia Colleges, National Association for Business Teacher Education, American Association of College Registrars and Admissions Officers, Southern Association of Colleges for Women, American Library Association, and the Virginia Museum of Fine Arts.

## SPECIAL AFFILIATIONS

Longwood College is affiliated with the University Center in Virginia, an agency which brings nationally known scholars and lecturers to the Virginia area, and arranged programs of research, cooperative professorships, adult education, and library exchanges among member colleges. Longwood shares directly in the enriched educational activity made possible through the joint efforts of the institutions affiliated with the Center.

# Admissions & Placement

## ADMISSION REQUIREMENTS

**Eligibility for admission.** Longwood College is pledged to a non-discriminatory policy of admission concerning race, creed, color or national origin. The following students are eligible to apply for admission to the College.

1. Graduates of public and private high schools accredited by the State Department of Education in Virginia or schools in the process of being accredited by the state department of education or the accepted accrediting agency of any other state.

2. Advanced students transferring from other properly accredited colleges and universities. Such students are given a fair equivalent in credit for courses they have taken, provided they are entitled to honorable dismissal from other institutions they have attended and that they meet the other admission requirements of the college.

3. Male students who meet the general admissions requirements may be admitted as day students.

**High school credits.** Longwood College requires for admission the following units beyond the eighth grade: four units in English; one unit in American history; one unit in American government; one unit in a laboratory science; one unit in algebra and one unit in geometry, or two units in algebra.

Longwood College welcomes applications from prospective students. The admission of all students is on a selective basis. Priority is given to the best qualified applicants. A student must rank in the upper 10% of the class and have made a score on the Scholastic Aptitude Test of the College Entrance Examination Board high enough to indicate success at Longwood College. In order to apply for admission a student must take the following steps:

1. Submit the preliminary application blank found in the back of this catalogue and other college publications. This must be accompanied by an application fee of fifteen dollars, which will not be refunded. Checks and money orders should be made payable to Longwood College.

2. Fill out and return to the Director of Admissions a detailed application blank which will be sent to her when the College receives the preliminary application blank.

3. Request that the principal of the high school from which the student was (or is to be) graduated submit to the Director of Admissions a transcript of the high school records. Students who have attended other colleges or universities must likewise request that the registrars of those institutions send complete transcripts of their records.

All applicants are required to take the Scholastic Aptitude Test of the College Entrance Examination Board and they must request that the test scores be sent to the Director of Admissions of Longwood College. Students who are planning to continue the study of a foreign language should take the achievement test in the language of their choice. Data from all tests recommended by the State Department of Education in cooperation with the local school divisions will be reported by the high school principal on the transcript form.



When the College receives the student's application, application fee, the transcripts of the records, and scholastic aptitude test score or scores, its Committee on Admissions carefully examines the student's qualifications and notifies the student as to whether or not the application is accepted.

Students accepted for admission will be required to make a deposit of \$50.00. The date this payment is due will be indicated in the admission letter. The deposit is refundable until May 1.

**Admission of transfer students.** Transfer students from other institutions are admitted for both the fall and spring semesters.

In order to be considered for admission, the applicant must have maintained a grade point average of at least 2.0 on a 4.0 scale (1.0 on a 3.0 scale) on their total college course work and submit a high school transcript and SAT or ACT scores.

No student may be considered for admission to the College unless the student is, or was at the time of withdrawal, in good academic and social standing at the previous institution(s). An official transcript or other document must indicate this fact in addition to a statement of entitlement to honorable dismissal.

Transfer applicants who present the minimum qualifications are considered in relationship to other applicants for available spaces in an attempt to admit those students who present the highest qualifications.

Transfer students seeking admission to degree programs must be enrolled as a regular student for one academic session consisting of two semesters.

**Readmission.** Students who are in good academic and social standing with the College but have not been in attendance for one or more semesters must submit an application for readmission and be readmitted by the Office of Admissions before they will be permitted to register for classes as a regular student. The readmission fee is \$10.00.

Students who are on academic probation must secure permission to apply for readmission from the Dean of the College. An application for readmission must then be submitted to the Office of Admissions.

**Admission to graduate study.** Longwood College offers graduate programs leading to the degree of Master of Science in Education and Master of Arts in Education. Areas of specialization include supervision, early childhood education, guidance and counseling, English and history. Application for admission is made in the Office of the Graduate Dean.

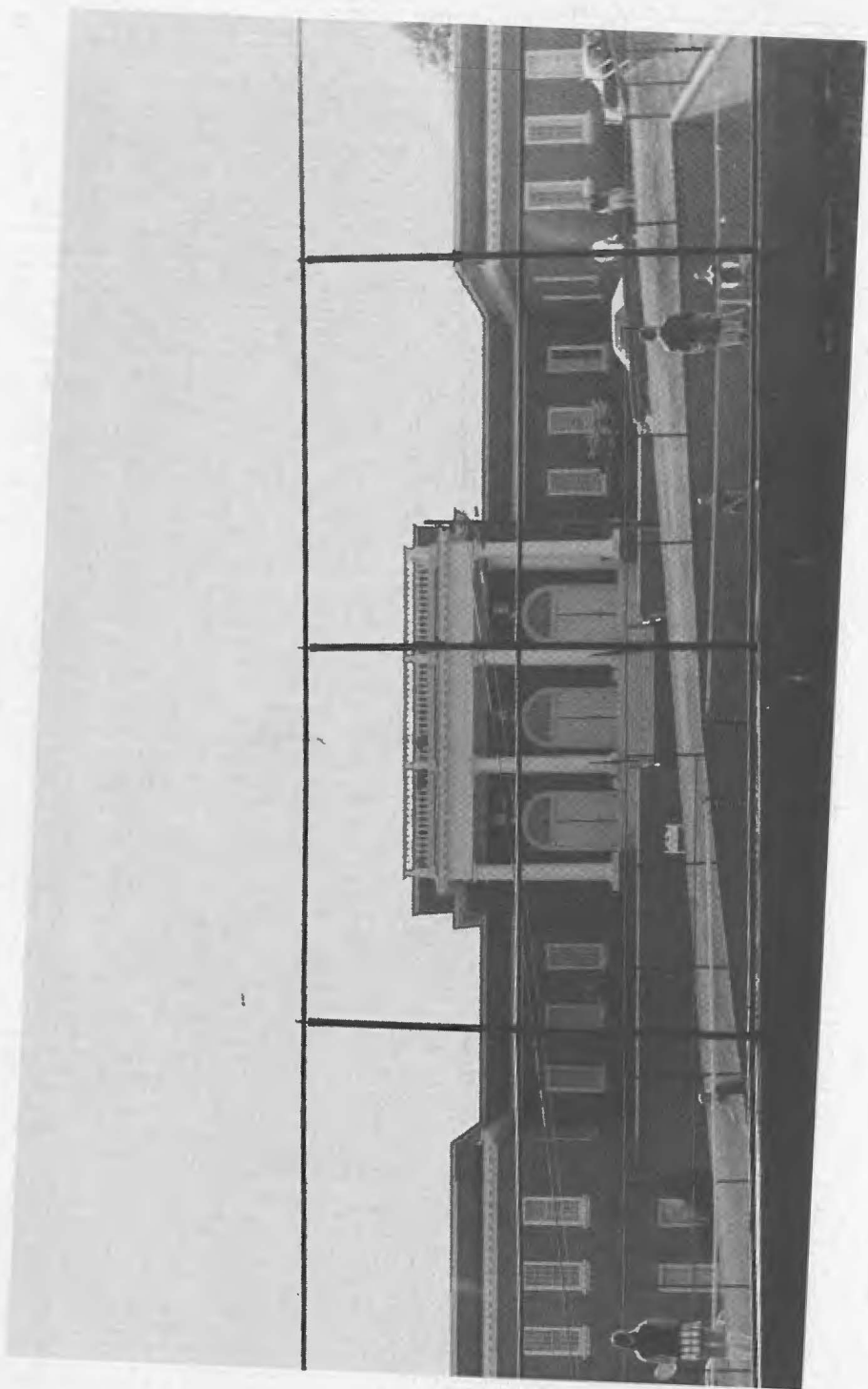
## CAREER INFORMATION AND PLACEMENT SERVICE

In order to assist students in planning their careers and securing desirable positions upon graduation, the College maintains an Office of Career Information and Placement.

Through career information services, the student can obtain information regarding the types of careers possible with various subject concentrations, the preparation required for given careers, and the relative employability of individuals in various fields for the years ahead. Traditionally, students have not established contact with placement offices until their senior year. Since it is now more important than ever to give careful thought and consideration to the planning of one's career, students are encouraged to consult the Office of Career Information and Placement, the chairmen of academic departments, or

one of the academic deans during their first year of matriculation at Longwood.

The Placement Office serves as a liaison between alumnae, students and various school systems, businesses and industries. Representatives from these sources of employment are invited to the campus for the purpose of interviewing prospective employees. Only equal opportunity employers are permitted to recruit on campus. In addition, this office assists students in the preparation of resumes and provides orientation for interviewing and the entire job-seeking process. A credentials folder is maintained for each graduate and is available upon request to prospective employers.



# Student Life

## PHASES OF COLLEGE LIFE

The faculty and administrative officials of the College believe that their ultimate responsibility is to assist students to be well-adjusted, useful citizens in the state and nation. To this end, a wide variety of services are provided to aid the student in need of guidance.

Academically, the student is expected to assume responsibility for all curriculum requirements. Faculty members within her major department serve in an advisory capacity to students in this area. Students should feel free to discuss any academic problems that they may have with a member of the faculty or with the Dean of the College.

The Summer Academic Planning Program is designed to help new students orient themselves to the curriculum requirements and course offerings of the college. Each student is assigned to a faculty member during a two day session of academic orientation. Instituted in 1973, this summer program provides an opportunity for new students to become familiar with the college before entering in the fall. The program is administered by the office of the Dean of the College.

The office of the Dean of Students is likewise an integral part of the student personnel program. This department is responsible for student life in the residence halls and for the social activities of the students. It maintains contacts of many different kinds with all the various segments of the student groups, assisting individual students in the many problems of their adjustment to college life. Its work is coordinated with that of the faculty so that there is continuity and purpose in the personal assistance rendered to students throughout their college careers.

Members of the Dean of Students' staff are responsible for providing counseling services for students. This staff includes head residents, assistant head residents, and resident counselors in addition to the Dean, Associate Dean, and Assistant Dean of Students. Health counseling is primarily a function of the College Infirmary staff. All members of the Dean of Students' Office try to assist students who have particular problems regardless of the nature of these problems. Students are urged to contact a member of the Dean of Students' Office for assistance whenever help is needed.

The college maintains a Student Health Service. An excellent health record has been established through cooperative efforts of the College Physician and other departments that are in a position to assist in the promotion of student health. The Service is staffed by the College Physician who is assisted by five registered nurses.

Every student must file a Health Record in the Infirmary. This record must include the results of an up-to-date physical examination, signed by the student's physician.

Students needing medical attention are treated in the well-equipped infirmary maintained by the College. The infirmary gives twenty-four hour service with a nurse available at all times. The College Physician is available on call at any hour. Services of consultants, hospitalization, private nurses,

special prescriptions, x-rays, other laboratory work, etc., are at the expense of the student. The College Physician communicates with the parents immediately in case of serious illness.

The Southside Community Hospital is located only a few blocks from the College. It is well equipped and is in the charge of a capable staff of physicians and surgeons. The College Physician is a member of the staff.

Longwood College has arranged with a casualty company for the provision of a student accident and sickness insurance plan. At the present time, participation in this plan is voluntary, and the premium must be paid by the student. The College furnishes the casualty company with a roster of the students who will enter Longwood College each August enabling the company to send each parent a brochure explaining the benefits of the plan and the cost.

## ORIENTATION

The first few days of each regular session are designated as a period of orientation for freshmen and other new students. **The Colleagues**, a group of carefully selected sophomores together with orientation group leaders, student assistants, and **Junior Spirits**, conduct a program of study and activities which acquaints the new students with the customs, traditions, and regulations of the College. This program has proved to be exceedingly valuable to new students as they adjust to the life on the campus. Throughout the country the College is known for the sincere interest shown by the student body, faculty, and administrative officials in those beginning their study at Longwood.

## MORAL AND RELIGIOUS LIFE

The moral and religious aspects of education are considered as important as are the physical and intellectual. During the history of the College a tradition of good will, cooperation and high standards of personal relationship has developed. Such a stabilizing influence cannot be described; it can be appreciated only through living in the atmosphere it engenders. But this intangible influence is experienced by both students and faculty to such a degree that it has become a distinct moral force in the whole College community.

The College is a home in which everyone is expected to do his part and share in a give-and-take relationship with others. Certain modes of life are prized and valued because in a long history they have proved their worth. In such an atmosphere it is difficult for the young student to fail to develop high ideals and a wholesome moral outlook on life.

The Young Women's Christian Association is a strong religious force in the college. It provides training and experience for the officers and others interested in religious work. The YWCA conducts daily evening prayer services urges attendance at church school and church, and fosters a spirit of religious life and service. Under its auspices a Spiritual Life Program is observed; a series of addresses by some Christian leader is given each year on the fundamental principles of the Christian religion, and noted speakers representing the international point of view address the students on important current movements.



Students are also encouraged to participate in the religious life of the community. They receive a cordial welcome from the ministers of the town to participate in their church life, which includes regular Sunday services, prayer meetings, Sunday School classes, and social gatherings. Special leaders, working with students through the medium of student organizations, are provided by some of the churches.

Farmville churches include the Baptist, Episcopal, Lutheran, United Methodist, Presbyterian, Roman Catholic, Wesleyan Methodist, and Church of God. Where there is no organized church leadership, as in the case of the Christian Scientists, students of the respective faiths usually have contact with local residents having similar church affiliations.

## CULTURAL, SOCIAL AND RECREATIONAL LIFE

The individual with a well-rounded personality is social in outlook and attitude, and is able to work and to play with other people. The community life on the campus provides many opportunities for every student to participate in various social, recreational, and cultural activities.

Various receptions and parties at the beginning of the college year enable new students to meet the upperclassmen, faculty members, and administrative officials. Oktoberfest, sponsored by Geist, Longwood's principal honor society, provides entertainment and develops a spirit of cooperation and friendliness among the students. The Founders Day celebration, held yearly in Spring, brings together alumnae, students, and faculty members. In April the Miss Longwood Pageant, affiliated with the State Pageant, is held. "Wheels", the Student Union travel program, offers opportunities for travel within the state and also to various out-of-state localities.

Dances and productions are presented during the year by the classes and student organizations. Picnics and hikes are held during the fall and spring months. Intramural and varsity competition in various sports, including archery, basketball, fencing, golf, hockey, swimming, softball, tennis, and volleyball, provide opportunities for participation on the part of all students.

The College Choir, Madrigal Singers, and Chorus are open to students interested in music. The Longwood Players provide excellent experience for students interested in drama. Radio and television programs are presented on the local stations by various student and faculty groups. The College newspaper, literary magazine, and yearbook are prepared and edited by students interested in writing and editorial work.

Occasional assembly programs, distinguished speakers and other programs of interest are presented. Cultural affairs, outstanding lecturers, and various artists of the entertainment world are scheduled at intervals during the year.

## INSTITUTE OF SOUTHERN CULTURE

The Institute of Southern Culture was established at Longwood College in 1956 to promote the study of the South through academic course work, special lectures, and through the publication of research in the field. The Institute is currently sponsoring a series of lectures throughout the year by visiting scholars and members of the faculty. Course work in several

departments of the College also provides a means for exchange of ideas about various aspects of Southern life. Financial support for the Institute is provided by the Longwood College Alumnae Association.

## ACADEMIC AND PROFESSIONAL LIFE

The academic and professional life of the College constitutes the main emphasis to which all other activities are secondary and contributory. It centers around the courses of instruction offered in the various departments of the College. Some courses are primarily cultural, liberal, and broadening in outlook. Others are primarily professional and are designed specifically to prepare students for teaching in elementary and secondary schools or for other vocations. In still others academic scholarship and the professional spirit are very closely combined. The major part of this catalogue is concerned with the factual details of the various curricula of the College.

## SOCIAL REGULATIONS

Students are expected to conduct themselves with propriety while on the campus, in the community, and at other colleges. They must keep in mind at all times that they are representatives of the College and that their conduct brings credit or discredit to the College as well as to themselves. Any questionable conduct will be dealt with by the Student Government.

As a residential institution, Longwood College believes group living provides opportunities for personal development and education, and such group living leads to an appreciation of the responsibilities of group behavior. The College therefore requires all female students, with the exception of those local students who prefer to live at home, to live in the residence halls. Any other exceptions must be made by a Hearing Board to be convened by the Dean of Students.

Complete information regarding all social regulations is given in the *Student Handbook* which is given to every new student during the summer preceding the opening of the new session.

## ORGANIZATIONS

Numerous student groups on the campus assure a well-rounded program of activity for each student as well as the opportunity for student participation in the affairs of the College.

### Student Government Association

The Student Government Association of Longwood College is a three-branch body consisting of the Legislative Board, the Judicial Board, and the Residence Board. Each branch carries out its duties through members elected directly by the student body in campus-wide elections. These three branches functioning together form a vital structure through which student opinion can be channeled.

The Legislative Board oversees all phases of student life. Its representatives make student regulations and discuss key problems involving the overall

welfare of the student body. Through its thirteen standing committees, it strives to generate awareness of campus activities, to utilize student opinion, and to act as a liaison among the students, faculty, and administration.

The Judicial Board enforces the regulations made by Legislative Board and strives to instill the meaning of the Honor Code in the minds of the students of Longwood College. Its members work with the students both openly and confidentially in their concern for the individual and her welfare.

The Residence Board strives to stimulate within the student body refinement in dress and conduct and to promote and enforce favorable study conditions on the campus. The work of the Residence Board is done by the Officers and by the Residence Hall Presidents elected from each residence hall. Residence Hall Councils in each residence hall function under and work with the Residence Board. The purpose of Residence Board is to make and enforce the residence hall, dining hall, and fire regulations, as well as the social rules.

The underlying principles of conduct and relationship of the students, faculty members and administrative officials are embodied in the Honor System, a cherished tradition of the College. The way of life on the campus is based on the Honor Code.

### **The Honor Code**

**The Honor Code serves as a practical example of a truly democratic form of student life and self-government. Students make the rules and violators are tried by a jury of their peers. Because they appreciate the importance and convenience of their agreement to trust one another, they also recognize the need to control the few among them who are either unable or unwilling to accept the responsibilities of their mutual trust. A dishonorable act is a betrayal of the whole student body and is regarded as such. It is an Honor Code offense to lie, to cheat, or to steal in any and all academic and property matters. Lying before the Judicial Board or Residence Board or a member thereof in any manner during an investigation or trial is an Honor Code offense. Falsification of records with the intent to give untrue information is also a breach of the Honor Code.**

### **Young Women's Christian Association**

The YWCA in the College is a branch of the national YWCA. The administrative direction is in the hands of the students, assisted by an adviser. It promotes a number of religious activities. Leaders are brought to the campus by the Association to discuss with students questions of religious interest and to help individuals with personal religious problems. The organization through its committees welcomes new students individually. It likewise provides informal entertainment for other groups of students from time to time during the year.

### **Athletic Association**

All students have the opportunity to participate in the varied program of the Athletic Association. Every residence hall and sorority has a team which

competes in field hockey, volleyball, basketball, and softball, with a trophy given to the winning team. Individual sports such as tennis, badminton, ping pong, pool, bowling and archery are open to anyone who wishes to compete on the intramural level.

After the intramural competition, teams compete for class championships, with points toward the class cup. Immediately following class competition, sister classes play each other for the color cup.

For the students who wish to participate on a higher level, the Athletic Association supports the following intercollegiate teams: field hockey, swimming, basketball, gymnastics, fencing, tennis, archery, lacrosse, and golf.

### Student Union

The Student Union is composed of students who work for the purpose of providing entertainment and recreation as well as social, educational, and cultural activities. All interested students are given the opportunity to become immediately involved in the program.

The Student Union sponsors: a popular film series, mixers, concerts, coffee houses, seasonal and bridal fashion shows, an Experimental College, residence hall programs, and "Wheels," a travel program. Through the wide range of their programs, the Student Union appeals to the interests of all Longwood students.

### Honorary and Professional Societies

There are a number of honorary and professional societies which recognize excellence in various fields.

The principal honorary organization on campus is **Geist**. Established in 1966 as an outgrowth of Alpha Kappa Gamma, Geist recognizes young women in their junior and senior years who have compiled outstanding records in leadership, scholarship and service to the college community. The members of Geist continue to serve Longwood College by sponsoring the highly successful **Oktoberfest** weekend in the fall, a bloodmobile drive during the year, and by awarding the Elizabeth B. Jackson Scholarship to an outstanding student in the spring.

The Longwood chapter of the National Honor Society of **Phi Kappa Phi** was established at Longwood in February of 1972. Founded in 1897, the purpose of the society is to emphasize scholarship and character in the thought of college students, to foster the significant purposes for which institutions of higher learning have been founded, and to stimulate mental achievement by recognition through election to membership. Undergraduates are eligible for membership as last semester juniors or as seniors. For consideration as a junior, the student must achieve a 3.75 cumulative quality point average. For consideration as a senior, she must achieve a 3.50 cumulative quality point average.

**Alpha Lambda Delta** is a national society for women which honors high scholastic achievement in the freshman year. The local chapter was installed in the fall of 1966. To be eligible a freshman must have a 3.5 average at the end of her first semester, or a cumulative 3.5 at the end of her freshman year. The purpose of the organization, as stated in the constitution, is "to promote

intelligent living and a high standard of learning, and to encourage superior attainment among freshman women in institutions of higher learning."

**Kappa Delta Pi** is a national honor society for students interested in the activities of the teaching profession. Its membership is limited to juniors and seniors whose scholastic records place them in the upper fifth of the student body. Organized in 1918 as a local honor society, it affiliated with the national group ten years later. Outstanding students in languages are invited to join **Lambda Iota Tau** an international literature society; and students with good records in history and social sciences are admitted to **Pi Gamma Mu**, a national honorary social science society. **Alpha Psi Omega**, a national dramatics organization, recognizes outstanding dramatic achievement. Editors, business managers, and others in key positions on the student publications, are eligible for membership in **Pi Delta Epsilon**, a national honorary journalism fraternity. The local chapter was organized in 1950. **Pi Omega Pi**, the national Business Education fraternity, is a member of the Association of College Honor Societies. The membership is limited to business majors in teacher education. Each year **Pi Omega Pi** presents the POP book scholarship award to a worthy student. **Sigma Alpha Iota** is a national professional music fraternity for women. **Lychnos Society** is a local honorary organization in science and mathematics. **Delta Psi Kappa**, a national professional physical education fraternity for women, recognizes and encourages scholastic achievement and professional ethics. **Kappa Omicron Phi**, an honor society in home economics was organized in 1960. **Honors Council**, composed of representatives from the twelve academic honor societies, seeks to further the academic atmosphere of the campus, provide an incentive for academic achievement, recognize those students who have achieved academic excellence, and coordinate the activities of the honor societies. The Council is composed of the president and a junior representative for each of the societies.

## OTHER STUDENT ORGANIZATIONS

Longwood has many organizations intended to bring together students having common interests. A unique organization is the **Granddaughters Club**, composed of students whose mothers or grandmothers attended the College. Other student clubs include the following:

**Modern Foreign Language Club** is a club for which all modern language students are eligible. The programs of the regular monthly meetings, which are given in the foreign languages, consist of songs, skits, games, current events, and short talks on cultural subjects.

**Phi Beta Lambda** is the national college organization of the Future Business Leaders of America for prospective business teachers and leaders in the field. Participation in this organization is of great help to Longwood students who will teach business subjects and serve as advisers to this or to similar types of co-curricular activities.

**The Home Economics Club** strives to develop a better understanding of home economics and its contribution to personal and family living. Membership is open to all students enrolled in the home economics major. The club is affiliated with the state Home Economics Association.

Church groups for college students are represented by the following:



**Baptist Student Union** (Baptist)

**The Canterbury Association** (Episcopalian)

**Newman Club** (Catholic)

**Longwood Christian Fellowship** (Presbyterian)

**Wesley Foundation** (Methodist)

In addition to these organizations eleven national sororities have chapters on the campus. They are Alpha Delta Pi, Alpha Gamma Delta, Alpha Phi, Alpha Sigma Alpha, Alpha Sigma Tau, Delta Zeta, Kappa Delta, Phi Mu, Sigma Kappa, Sigma Sigma Sigma and Zeta Tau Alpha.

The **H<sub>2</sub>O Club** is a synchronized swimming group open to all students who have earned an American Red Cross Senior Life Saving Certificate and who have served an apprenticeship of at least one year in the club's subsidiary organization, the **Corkettes**. Members of the Corkettes are selected at an annual tryout on the basis of their swimming ability and aquatic grace. Students may become members of Corkettes without holding a Senior Life Saving Certificate.

The primary purpose of the **H<sub>2</sub>O Club** and **Corkettes** is to present the annual synchronized water show. Each show is completely original, the numbers having been composed by selected members of the group; thus participation in the water show develops aquatic creativity as well as skill among the membership. The stimulation of interest in swimming at Longwood is the unifying purpose of all H<sub>2</sub>O Club activities.

Students interested in modern dance may join the **Longwood College Company of Dancers**, an organization which promotes understanding of creative dance among members of the Longwood College community. Members of the Company learn the pleasure derived from the creation and performance of tasteful, artistic dance compositions. The culmination of their efforts is the annual Company dance concert held in May, which is a highlight of the college year.

The **Longwood Players** is a group open to all students interested in drama as a performing art. Any student may register for an apprentice period. At the end of this time the students who have shown an active interest in any phase of the drama will be elected to full membership. Four full-length plays are presented each session. Twice during the school year the Players presents a series of one-act plays and at least one speech assembly is presented to the student body. If students work with the club's director and the other club members, they will find the Longwood Players an organization worthy of their time and effort. The club aims to provide the best in dramatic entertainment for the College students and the people of the community.

**Music Educators National Conference** is a student branch of the National Professional Organization of Music Educators. It is composed of music education majors who discuss and attempt to promote professional methods in the teaching field. Other music organizations of the College are the **College Choir** and **Madrigal Singers**. These are important factors in the life of the College. They select their members through tryouts at the beginning of the session and give several concerts each year.

The **Student Education Association** is a national organization of prospective teachers enrolled in colleges and universities. The J. L. Jarman Chapter was organized at Longwood College in 1939. It is affiliated with the Virginia Education Association and the National Education Association. Its

purpose is to foster professional interest in the field of education.

The **Colleagues** comprise a group of sophomores whose sole purpose is to make the initial contact with college life as warm and pleasant an experience as possible. They help the freshmen through orientation and enable them to meet many new friends. They sponsor many events for them including a concert and a banquet; but, best of all, they convey to them that special spirit of friendliness that is one of the most cherished traditions at Longwood College.

## Publications

The students of the College sponsor three publications: *The Rotunda*, *The Gyre*, and *The Virginian*. The activities of these publications are regulated by Publications Board, an advisory committee comprised of the editors and business managers of the three publications and members-at-large appointed from the student body.

*The Rotunda* is the College newspaper which keeps the students and faculty informed of events and the interests of the College as observed from the point of view of the students. It not only expresses the attitude of the students toward various phases of College life and current activities, but also exerts an important influence in the development of the ideals of the College community.

*The Gyre* is a literary magazine to which students contribute essays, poetry, short stories, and other writings, as well as art work. It sponsors contests, from time to time, to stimulate literary effort.

*The Virginian* is the yearbook of the College. Students are responsible for the art work, the editing, and the management of the publication. Each issue represents a cross section of College life for the year. It is, therefore, highly valued by the members of the graduating class.

Another student publication is *The Student Handbook*. It is the manual of rules and regulations governing the conduct of the students. In addition, it contains the constitution and by-laws of the Student Government Association. The Young Women's Christian Association, the Athletic Association, Student Union, and other organizations are described briefly as well as the customs and traditions of the College. It serves as the orientation textbook for all new students.



# Financial Information

## FEES AND EXPENSES FOR STUDENTS LIVING IN RESIDENCE HALLS

	Virginia Students	Non-Virginia Students
Tuition**	\$ 585.00	\$1,035.00
Comprehensive Fee***	1,370.00	1,370.00
Activities Fee	40.00	40.00
Total-Nine Months Session	\$1,995.00	\$2,445.00

## FEES AND EXPENSES FOR STUDENTS NOT LIVING IN RESIDENCE HALLS

	Virginia Students	Non-Virginia Students
Tuition**	\$ 585.00	\$1,035.00
Comprehensive Fee	75.00	75.00
Activities Fee	40.00	40.00
Total-Nine Months Session	\$ 700.00	\$1,150.00

### Method of Payment

Students will be invoiced at their home address, for their accounts as follows:

#### First Semester:

One-half of the 1974-75 charges, less any credits, will be invoiced on July 15, 1974, and are payable by August 15, 1974.

#### Second Semester:

The remaining half of the 1974-75 charges, less any credits, will be invoiced on December 10, 1974, and are payable by January 10, 1975.

No credit for college work may be given to any student for a diploma, a teacher's certificate, or for transfer purposes until all financial obligations to the College, other than student loans, have been paid.

\*Because of the uncertain conditions prevailing with respect to the cost of operating the institution, the College reserves the right to change its rates at any time throughout the year to meet such additional costs.

\*\*See **Overload** on the next page.

\*\*\*Includes charges for Room, Board, Laundry, Post Office, Infirmary and any other applicable fees. Students requesting a single room will be charged an additional \$100 per semester, if space is available.

**Overload**

Students taking an overload will be charged \$25.00 for each semester hour of work taken in excess of 18 semester hours per semester.

**Classification as a Virginia Student:**

No person shall be entitled to the admission privileges, or the reduced tuition charges, or any other privileges accorded to domiciliaries, residents or citizens of Virginia, unless such a person has been a bona fide citizen or resident of Virginia for a period of at least one year prior to admission, provided that the Board of Visitors may set up additional requirements for admitting students.

**Special Students**

Virginia students taking 12 or more credit hours will be charged full rates. Virginia students taking less than 12 credit hours will be charged at the rate of \$25.00 per credit hour. Non-Virginia students will be charged at the rate of \$35.00 per credit hour.

**Graduate Students**

For students taking graduate courses at the College, the charge is at the rate of \$75.00 for each course carrying three semester hours credit. For non-Virginia students, there will be an additional charge of \$30.00 per course. Graduate students registering for thesis work will pay a fee of \$150.00. This amount is to be paid only once.

**Field Experiences**

Virginia students, while enrolled in field experiences in student teaching, social work, recreation and recreation therapy, will be charged tuition of \$183.00 and a fee of \$100.00.

Non-Virginia students, while enrolled in field experiences in student teaching, social work, recreation and recreation therapy, will be charged tuition of \$323.00 and a fee of \$100.00.

Students who do field experiences in nearby schools and are campus boarders will also be charged a pro-rata amount for room, board, laundry, post office rent, and activities fee.

Day students who do field experiences in nearby schools will also be charged a pro-rata amount for the college activity fee.

A \$50 deposit is required of all students enrolling in the field experiences programs. This deposit will be invoiced on February 1, 1975 and payable by March 1, 1975. This fee is refundable until May 1, 1975.

**Application and Readmission Fees**

An advance application fee of \$15.00 is required of all undergraduate students making their first application to Longwood College. For returning



students, a \$10.00 readmission fee will be invoiced by the Business Office on February 1, 1975, and is payable by March 1, 1975. Both the application fee and the readmission fee are not refundable.

### **Reservation Fee**

A \$50 deposit is required of all students to reserve their admission to Longwood College.

**Former students** will be invoiced for the deposit on February 1, 1975 and it shall be payable by March 1, 1975.

**New students** will be invoiced for the deposit in the letter of admission from the Longwood College Admissions Office. All deposits are refundable up to May 1, 1975.

### **Liability Insurance**

Longwood College carries personal liability insurance for all students engaged in observation and field experiences.

### **Course Changes**

All changes made by students in class schedules after registration must be approved by the student's faculty adviser and by the Registrar.

Any course change requested by a student after registration, whether it be an addition, a section change, or a drop, will require the payment of a course change fee of \$5.00.

Exceptions to the above course change fees are as follows:

1. Upon presentation to the Registrar a signed statement from the College Physician testifying as to the necessity for a change in schedule for reasons of health.
2. When the course change is necessitated by a mechanical or human error in the process of registration.
3. When the course change is made for the convenience of the college.
4. When the course change is made prior to the Registrar's published deadline.

No student is permitted to enroll in a course for credit later than one week after classes begin in any semester. Any student who withdraws from or "drops" a course after six weeks from the date classes begin in any semester will receive a grade of "F" in the course unless the withdrawal is due to the advice of the College Physician or to the withdrawal of the student from college.

No credit is allowed for any course taken for which the student has not registered and which is not listed on the approved schedule of classes filed in

the Registrar's Office.

### **Gymnasium Suits**

All freshmen, and all transfer students who do not have credit for all required courses in health and physical education, must purchase an official gymnasium outfit of two suits. The charge for these is approximately \$20.00. Order blanks are sent to students after they have been accepted for admission.

### **Diploma Fee**

A fee of \$10.00 will be charged for a Bachelor's diploma and \$10.00 for a Master's diploma.

### **Special Examination Fee**

A charge of \$5.00 is made for each deferred examination and for the one re-examination permitted each senior.

### **Automobile Registration Fee**

Cars must be registered with the Business Office who will issue parking permits. The fees for registration of motor vehicles on campus shall be — \$5.00 for the academic year.

Parking and operational violations: first violation — \$2.00; second-fourth violation — \$3.00; fifth and subsequent violations — \$5.00.

All fees or fines must be paid to the Business Office within five (5) days. After the fifth violation, the student's registration permit may be revoked by the Car Committee.

### **Transcript Fee**

One copy of a transcript will be provided without charge. Additional transcripts will be provided for a fee of \$2.00 for the first copy and 50 cents for each additional copy requested at the same time.

### **Refunds**

The following charges and refunds will be made to students withdrawing from college:

A student withdrawing within 15 calendar days from the date classes commence will be charged  $\frac{1}{4}$  of the total tuition and fees for the semester. Any credits beyond this charge will be refunded within 15 days from date of withdrawal.

A student withdrawing 16 to 40 calendar days from the date classes commence will be charged  $\frac{1}{2}$  of the total tuition and fees for the semester. Any credits beyond this charge will be refunded within 15 days from the date of withdrawal.

## Guests

Students entertaining guests in the College dining hall are charged the following rates, tax included: breakfast - \$1.05, lunch - \$1.40, dinner - \$1.70.

Former students of the College are always welcome, and are not charged for meals for a period not exceeding two days, with the exception of two weekends. On the weekends of Oktoberfest and Spring Festival, guests, including alumnae, are charged for meals at the rate stated above.

Students are not permitted to invite guests for weekend visits unless the invitation is approved by the Head Resident. Meals for guests, other than alumnae, are charged at the rate stated above. Meal tickets may be secured from the Information Office.

## FINANCIAL ASSISTANCE

Longwood College offers three types of financial assistance to students in need of such aid: part time employment, scholarships, and loans. The College is pledged to a non-discriminatory policy of awarding aid without regard to race, religion, or national origin. Application should be made to the Director of Financial Aid.

**Scholarships for Undergraduates:** Academic Excellence for Entering Freshmen. A restricted number of undergraduate scholarships for academic excellence are available to entering freshmen. Application should be made to the Dean of the College.

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The following paragraphs contain a brief summary of the financial assistance available to Longwood students. Due to the complexities of these programs, we cannot offer total information on any one of these programs listed below. If more information is required, please address inquiries to: Financial Aid Office, Longwood College, Farmville, Virginia, 23901.

**State Teachers Scholarship** — Candidates must be residents of Virginia who are preparing to teach in the Virginia Public Schools. The candidate for this scholarship must possess good scholastic ability as indicated by above average rank in her graduating class and by above average scores on the standardized scholastic aptitude or achievement test. Renewals are based on an accumulative average of 2.00 (C). Scholarships are in the amount of \$450 per year. Preference is given to renewals and certain academic fields.

Students approved for this scholarship must sign and execute a promissory note to the Commonwealth of Virginia for the amount of the scholarship aid received, which obligation shall bear interest at the rate of 6% per annum. The note must be endorsed by a responsible adult who is a Virginia resident. Each note plus interest can be cancelled in full by teaching under contract one full school year in the public schools of Virginia immediately following graduation from college.

Applications for the State Teachers Scholarship are available from the Director of Financial Aid, Longwood College, after February 1. Applications

must be completed and returned to the Financial Aid Office by April 15 in order that they may be approved and sent to the State Department of Education by May 1. It is awarded on a yearly basis.

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Students applying for the following types of aid must submit an application for financial assistance. This consists of a Parental Confidential Statement (PCS) sent to the College Scholarship Service and a supplemental personal data questionnaire sent to Longwood College.

Parental Confidential Statements may be obtained from either your high school guidance counselor for incoming freshmen or the financial aid office for former students. The personal data questionnaire must be obtained from the financial aid office, Longwood College.

Application deadline — March 1 for the summer session and April 1 for the regular academic year.

**\*National Direct Student Loans** — New students applying for this aid must possess good scholastic ability as indicated by above average rank in their graduating class and by above average on standardized tests. Former students must have an accumulative average of 2.00 (C).

**\*College Work Study Program and Federal Work Study Program** — Students are employed in the dining hall, library, and in various offices of the college. Each student is employed for a maximum of twelve hours per week and is paid on an hourly basis. In order to hold a part-time position, a student must not be on academic probation. Students may earn from \$200 to \$600 each session under this program.

**\*Educational Opportunity Grants** — A program of awards to a limited number of students with unusual financial need and who show some exceptional academic or creative promise. Awards under this program are not repayable and are made to students meeting the qualifications outlined by the Federal Government.

**\*Basic Educational Opportunity Grants** — This is a non-repayable entitlement of \$1400 less the expected family contribution not to exceed one-half the cost of attendance at Longwood College. Applications are available from high school guidance departments, colleges, and public libraries. Until the federal appropriations allow full funding of this grant, no maximum awards are available. The range of awards for the 1974-75 academic year is expected to be from \$50.00 to \$850.00 maximum.

**Insured Student Loan Plan** — The student must be a resident of Virginia, accepted for enrollment or a full-time student in good standing at an institution of higher learning in Virginia. Application for this loan is made at participating lending institutions. It is necessary that the applicant contact a lending institution in his home area. A list of participating lending institutions in the student's area will be supplied by the Authority on request. The maximum loan to any student exclusive of interest and charges for an

academic year is \$1,500. If the student is eligible on the basis of need, the U.S. Government will pay on behalf of the borrower all interest which accrues prior to the repayment period of the loan. Thereafter, interest accrues at the rate of 7% per year. Repayment may be made at any time in full or in part with no penalty. Repayment will begin on a monthly installment basis nine months after graduation, or after borrower ceases to be a full-time college student, whichever first occurs. For further information contact: Mr. Charles Hill, Executive Director, State Education Assistance Authority, 1116 State Planters Bank Bldg., Richmond, Va., 23210.

**General Undergraduate Scholarships** — The Legislature of Virginia has made available a limited amount of money for non-repayable scholarships to needy students of good academic ability. The recipient must be a legal resident of Virginia and must be in need of funds for education. The candidate for this scholarship must possess good scholastic ability as indicated by above average rank in the graduating class and by above average scores on the standardized scholastic aptitude or achievement test.

**Longwood College Loans** — Longwood College has a limited amount of money that may be used for direct loans to students. These loans are not to exceed \$350 for any one session. The interest rate is 3% and begins on the date that the note is signed. Repayment of principal together with interest shall be made in equal quarterly installments of \$45. The funds involved in the Longwood College loans are:

**The Jennie Masters Tabb Memorial Fund.** The alumnae and friends of Jennie Masters Tabb, Registrar of the College and secretary to the President from 1904-1934, established in 1945 a loan fund in her memory.

**The Mary White Cox Memorial Loan Fund.** Established in 1945 as a memorial to Miss Mary White Cox by a gift from an alumna of the College.

**The J. L. Jarman Loan Fund.** The Norfolk Chapter of the Alumnae Association established in 1942 a loan fund in honor of Dr. J. L. Jarman.

**The Carrie Fowles Memorial Loan Fund.** Established in 1945 by the will of Mrs. Lula Bradshaw Turpin in memory of Carrie Fowles, who was a student at the college in 1899.

**The Robert Frazer Memorial (The Virginia Normal League) Loan Fund.** The Virginia Normal League, organized by Dr. Robert Frazer in 1899 as a means of establishing a student loan fund, has been changed in name to the Robert Frazer Memorial Loan Fund.

**The Cunningham Memorial Loan Fund.** The alumnae of the college who were graduated during the administration of Dr. John A. Cunningham, from 1886 to 1896, raised a fund, intending to establish a scholarship in memory of his faithful and loving service to them and to the State, feeling that the most fitting tribute that could be paid to him would be the effort to give those who are unable to obtain it for themselves the training for the work to

which he devoted his life. When this fund amounted to \$1,000 it was changed from a scholarship to a loan fund.

**The Carrie Dungan/Nettie Chappel Loan Fund.** — Established by a group of their former students from Winston-Salem, North Carolina, honoring these two Longwood graduates in recognition of their outstanding devotion to the field of education. This loan fund is designed to assist those students who are in need of such assistance.

**The Fay Byrd Johnson Memorial Loan Fund.** Established in 1946 by the Zeta Tau Sorority.

**The Alpha Phi Sigma Loan Fund.** Established in 1931 by the Alpha Phi Sigma Sorority.

**The Alpha Sigma Alpha Loan Fund.** Established by the Alpha Sigma Alpha Sorority on March 6, 1937.

**The Alpha Sigma Tau Loan Fund.** Established by the Alpha Sigma Tau Sorority on March 6, 1942.

**The Tri-Sigma Loan Fund.** Established by Sigma Sigma Sigma Sorority at the Golden Anniversary of the college in March 1934.

**The Zeta Tau Alpha Loan Fund.** Zeta Tau Alpha, which was founded at the college in 1898, has established a student loan fund honoring the memory of one of its founders, Maude Jones Horner. The fund is used to aid deserving seniors.

**The Longwood Players Loan Fund.** Established by the Dramatics Club in March 1940.

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Additional Scholarships and Loan Funds include:

**The Elizabeth Burger Jackson Scholarship.** Established by Geist in 1967 in appreciation of Dr. Elizabeth B. Jackson, Professor of Natural Sciences at Longwood College, for her continuing interest in student organizations in general and Geist in particular, and for her years of service to Alpha Kappa Gamma, the predecessor of Geist. This scholarship is presented each spring to an outstanding sophomore or junior who has rendered dynamic service to the College, and who has exemplified qualities of character and integrity in all her academic and personal endeavors.

**The Dabney Stewart Lancaster Scholarship.** Established in 1955 by the Student Government Association, this scholarship is awarded to a member of the sophomore, junior or senior class, who has acquired the spirit of Longwood and is a worthy example of educated womanhood. The name of the winner of the award is announced at Honors Assembly in April.

**The Delta Kappa Gamma Scholarship.** Awarded each year to a graduate

of Cumberland, Buckingham, or Prince Edward County who will be attending Longwood College, the award is based on both merit and need.

**The Mary Clay Hiner Scholarship.** Established in 1962 by a gift of Mrs. Earl Crafts. An appropriate official of the College will select each year the student or students who will receive financial assistance. Application should be made to the Department of English.

**The Eureka Ashburn Oliver Scholarship.** The Mrs. Samuel C. Oliver (Eureka Ashburn, 1891-1893) scholarship of \$100 each year for four years awarded to lineal descendants. If there should be no lineal descendant, then the scholarship is to be given to a student of outstanding ability who needs financial assistance from Nansemond County, selected at the discretion of the Admissions Committee of the College. When there are no applicants, the funds shall accumulate until there are applicants from her lineal descendants or from Nansemond County.

**The Gamma Theta-Kappa Delta Alumnae Scholarships.** In 1949, the Gamma Theta local sorority (1911-1949) became the reactivated Alpha chapter of Kappa Delta Sorority. This scholarship is awarded annually to a student on the basis of academic achievement and financial need. The stipend is one \$200 award as a minimum.

**The Kappa Delta Founder's Scholarship.** Established in 1968, the Kappa Delta Founder's Scholarship is awarded annually to an initiated member of a National Panhellenic Conference sorority with a chapter located on the Longwood College campus. Selection is based on academic achievement, financial need and service to the College and to the applicant's sorority. The amount of the scholarship is \$250. Application should be made to the Director of Financial Aid.

**The John P. Wynne Scholarship.** Established in 1964, this scholarship is awarded annually to a member of the junior class and the Student Education Association for use during the senior year. Selection is based on academic excellence and financial need. Applications should be made to the Executive Board of the Association.

**The Alumnae Scholarships.** The following alumnae chapters give scholarships to outstanding graduates of high schools in their respective communities: Farmville (Mary White Cox Memorial Scholarship), Lynchburg (Letty Laughon Scholarship), Norfolk, Peninsula (J. L. Jarman Scholarship), Petersburg, Richmond and Roanoke. Write to the president of the local alumnae chapter, found in the back of the catalogue.

**The Lions Club Scholarship.** The Farmville Lions Club offers annually two scholarships of \$150 each to be awarded to a boy or a girl from Prince Edward County or vicinity. The main factor in choosing between acceptable applicants shall be financial need. All other factors being equal, preference shall be given to applicants for Hampden-Sydney College and Longwood College. The scholarships are renewable.

**The Worthy Johnson Crafts Scholarship.** Established in 1964 by a gift of Dr. Earl Crafts in honor of his wife, Mrs. Worthy Johnson Crafts, first teacher of home economics and founder of the first department in this field at Longwood College. Proceeds from this gift provide a scholarship for a student or students in home economics. Application should be made to the Department of Home Economics.



**The Alice Curry Wynne Scholarship.** Established in 1968 by Dr. John P. Wynne and alumnae, this scholarship is awarded annually to a student majoring in business education. Selection is made by the Longwood College Chapter of Phi Beta Lambda.

**The Olive T. Iler Award.** Established in 1967, the award is presented to a junior majoring in physical education who has demonstrated outstanding personal qualities, high ideals, good scholarship, and professional ethics.

**The Edith Stevens Scholarship.** Established in 1968, this scholarship is awarded annually to an outstanding junior biology major in memory of Edith Stevens, Associate Professor of Biology at Longwood College from 1925 to 1945.

**Badger-Magnifico Award.** Established in 1974 by donations from members of the mathematics faculty, to honor Dr. Blanche C. Badger and Mrs. Josephine Magnifico. This award consists of a gift and \$50 in cash. The recipient is the outstanding senior mathematics major. Selection is made by a committee in the department.

**Helen Draper Scholarship.** From \$100 to \$150 is awarded each year to a rising senior who is going to do student teaching and is an active member of the French Club. This scholarship must be used to study abroad. Application should be made to the French Club president.

**Emily Barksdale Scholarship.** From \$100 to \$150 is awarded each year to a rising senior who is going to do student teaching and is an active member of the Spanish Club. This scholarship must be used to study abroad. Application should be made to the Spanish Club president.

**The O'Hara-Waldo Scholarship.** Established in 1971 by a gift of Mr. Robert G. O'Hara in memory of his parents Mr. and Mrs. Walter P. T. O'Hara and his wife, Susan Virginia Waldo O'Hara, who graduated in 1936 from Longwood College, this scholarship is awarded annually to a student on the basis of academic achievement and financial need. The stipend is a minimum of \$250 annually and the scholarship is renewable.

**The Prince Edward Chapter Alumnae Loan Fund.** This fund was started as a branch of the Virginia Normal League. Loans are interest free. Applications for loans should be made to Mrs. W. J. Sydnor, Farmville, Virginia.

**The Methodist Student Loan.** Available to qualified Methodist students registered and in attendance at the institution of her choice. Interest is one per cent (1%) during school attendance, and three per cent (3%) thereafter. Repayment period is limited to six years. Application should be made to the Director, Wesley Foundation, Farmville, Virginia.

**The United Daughters of the Confederacy Loan Fund.** The Virginia Division of the United Daughters of the Confederacy has established the Kate Noland Garnett Loan Fund. This loan amounts to \$150 and is granted to a sophomore, junior or senior who is a lineal descendant of a Confederate soldier. Applications should be directed to Mrs. J. J. Robbins, Virginia Division Chairman of Education, United Daughters of the Confederacy, Route 2, Hot Springs, Virginia.

**The Daughters of the American Revolution Loan Fund.** The Daughters of the American Revolution have established a student loan fund for the aid of worthy students in Virginia colleges. Not more than \$300 is available for any one institution, and no student may borrow more than a total of \$300 or

more than \$150 in one session. This loan is available only to juniors and seniors.

**The Daughters of The American Revolution Loan Fund. Thomas Nelson Chapter, Arlington, Virginia.** A revolving loan fund of \$100, without interest, has been made available by the Chapter. Preference will be given to applicants from the Arlington area of Virginia.

**The R. C. Simonini Memorial Scholarship.** Established in 1968 by the Virginia Association of Teachers of English, this work scholarship is awarded annually to an English major selected by a committee from the English Department faculty. The holder of this renewable scholarship will receive up to \$300 a session for a part-time secretarial work program for the Virginia Association of Teachers of English in the office of its executive secretary at Longwood.

**Fred O. Wygal Scholarship.** Each year the freshman class awards from \$25 to \$100 to a member of the freshman class who has participated in extra curricular activities and has attained a 2.0 average with consideration given to need. Applications should be obtained from the freshman class president and submitted prior to March 15. The recipient will be announced in the Honors Assembly.

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### **Senior Year Scholarship for Women**

Ninety scholarships are made available each year by the United States Army for young women who have completed their junior year or are first semester seniors. Each scholarship pays the recipient approximately \$425 per month during her senior year. Interested applicants should write: Headquarters, United States Army Third Recruiting District, 1628 Virginia Avenue, College Park, Georgia, 30337.

**The Tuition Plan, Incorporated.** For those parents who wish to pay for college costs in installments, the college offers the services of The Tuition Plan, Inc. Parents who apply may have The Tuition Plan, Inc. send to the college those fees which are due to the school, and monthly payments may be made to the Tuition Plan. All parents may apply for at least a one-year contract, and most parents may apply for a two-year, or a four-year contract, if they desire.

Not a financial aid program, The Tuition Plan is particularly desirable for parents for whom installment payments are more practical. Money is available from the Tuition Plan only for those expenses for which the student is billed by the college.

A descriptive brochure on the program may be secured from The Tuition Plan, Inc., Concord, New Hampshire, 03301.



# Academic Regulations

Summarized in this section are important regulations related to the academic work of the College. **Students should be familiar with these regulations as they undertake their studies in this institution.**

## COURSE NUMBERS

The courses listed in this catalogue that are numbered between 100 and 199 are designed primarily for first and second-year students; those between 200 and 299 are for second-year students; those between 300 and 399 are for second, third and fourth-year students; and those between 400 and 499 are for third and fourth-year students. Undergraduate Honors Courses are numbered 498 and 499. Courses numbered from 501 to 599 are for graduate students and advanced undergraduates.

**Students are not permitted to enroll in courses that are more than one year above or below their classification, except with the permission of the Dean of the College.**

## STUDENT LOAD

The College is organized on the semester plan whereby the credit hour, abbreviated as "credit", is the semester hour. The average schedule of a student during a semester includes classes giving from fifteen through seventeen credits. Boarding and regular students are required to carry a class load giving a minimum of twelve credits. Freshmen may only carry seventeen credits; however, an upperclass student may carry as many as eighteen credits without special permission. A schedule beyond that amount requires special permission from the Dean of the College. Such permission is rarely granted to a student whose academic average for the preceding semester is less than 3.00.

## COURSE CHANGES

All changes made by students in their class schedules after registration must be approved by the student's faculty adviser and by the Registrar.

No student is permitted to enroll in a course for credit later than one week after classes begin in any semester. Any student who withdraws from or "drops" a course after six weeks from the date that classes begin in any semester will receive a grade of "F" in the course unless the withdrawal is due to advice of the College Physician or to the withdrawal of the student from college, in which case a grade of "W" is given.

**No credit is allowed for any course taken for which the student has not registered and which is not listed on the approved schedule of classes filed in the Registrar's Office.**

## ADJUSTMENTS IN CURRICULUM REQUIREMENTS

The College recognizes that the prior achievement of the students whom

it admits varies greatly in the subject matter fields. For example, some are much more proficient in a subject such as English composition than are others. As a result, any requirement that all students must enroll in identical basic courses in the freshman or later years usually results in heterogeneous classes in which the well-prepared student is not challenged and the student with the less than usual preparation is confronted with exceedingly difficult tasks.

Because of these differences in prior achievement, the College offers every student an opportunity to demonstrate her achievement in a required subject prior to enrolling in it. This may be done by the use of an oral or written examination, or a conference, at the discretion of the department involved. At times, this evaluation may be made after the student has been enrolled in a course for one semester. Unusual proficiency demonstrated in the first semester of a two semester course may indicate that the student should not continue in the same course but enroll in one of a more advanced nature.

In any case wherein the student is found to have a satisfactory knowledge of a subject prior to enrolling in it, or after completing a part of the study in it, the chairman of the department in which the subject is taught will notify the Registrar. In such a notification, he will state that the student is excused from taking the subject and will indicate the subject or course that may be taken in its stead. This may be an advanced course in the same subject or an elective course in any field, chosen with the advice of the chairman.

**The student is not granted college credit for prior achievement. However, recognition of such achievement enables the student to plan a program of study that is challenging and in accord with individual needs.**

## ADVANCED PLACEMENT AND CLEP

Longwood College offers advanced placement with college credit through the College Level Examination Program (CLEP) and through Advanced Placement Examinations. Both programs are administered by the Educational Testing Service, Box 592, Princeton, New Jersey. Students seeking information concerning CLEP or Advanced Placement Examinations may contact the Educational Testing Service, the Admissions Office of Longwood College, or their high school guidance counselor.

## CLASS ATTENDANCE

Students are expected to attend all classes. Failure to attend class regularly may impair academic performance and the student must assume full responsibility for any loss incurred because of absence. Instructors may require explanations for class absences, and they will decide whether these explanations justify permitting the student to make up missed work.

Instructors are required to permit students to make up work missed when an absence has resulted from [1] illness, [2] the student's participation in a College-sponsored activity approved by the Dean, or [3] recognizable emergencies.

## GRADES:

The achievement of a student in a course is indicated by the grade that she receives. The significance of these marks is indicated below:

A: Superior or excellent work

B: Above average work

C: Average work

D: Below average but passing work

P: Pass

F: Failure

I: This grade indicates that because of illness or for other good reason the work of the semester has not been completed. When this work has been completed acceptably, a final grade will be reported. **A grade of "Incomplete" will revert automatically to a grade of "F" if the necessary make-up work has not been completed by the last day of examinations for the next semester.**

W: This symbol indicates that a student withdrew from a course. It is used in cases of students dropping courses after the six-week period at the beginning of a semester for medical reasons and for those who withdrew from the College prior to the end of a semester.

The lowest passing grade is "D". However, for a degree a student must earn a general average of "C" (a quality point average of 2.00) on all college work. Also the student must have a general average of "C" in those courses constituting the major subject or field. If a student repeats a course in order to raise an average, the grade received on the repeated course will replace the original grade. **Credit toward graduation will be granted only one time for any course.**

Students may take certain courses under the pass-fail system approved by the faculty in 1974. Pass-fail courses are open to undergraduate students with 30 or more credit hours. A student may take a maximum of three courses or nine hours, whichever is greater; these courses may not be those which are required for general education or major requirements. The student must do satisfactory work in order to obtain a passing grade. Pass-fail hours will not be included in the grade point average. Students who wish to take a course for pass-fail must notify the registrar of that fact before the end of the first six weeks of classes in the semester.

At the end of the first half of each semester of the regular session, mid-semester grade estimates are issued to freshmen and their parents or guardians. Estimates are also issued at this time to upperclassmen who have a grade of 'D' or 'F' in any course. These are not official grades. Instead, they represent the instructors' estimates of the students' progress up to that

point. At the end of each semester, reports are issued to students and their parents or guardians showing the final grade earned in each course in which they are enrolled.

## QUALITY CREDITS

The quality of work completed by a student is recognized by the assignment of points to various grades.

Under this system, 4 quality points are given for each credit on which an "A" grade is made; 3 quality points are given for each credit on which a "B" grade is made; 2 quality points are given for each credit on which a "C" grade is made; and 1 quality point is given for each credit on which a "D" grade is made. No quality points are given if a grade of "F" is made in a course.

Under the Four Point System, a student's quality point average may be computed by dividing the number of quality points earned by the total number of credits assigned to the courses in which the student has been enrolled. **A student's quality point average is based only on work taken at Longwood College.**

The one exception to this regulation is when a student's quality point average is being computed for honors at the end of the senior year. At that time, all work, both at Longwood and elsewhere, is used to compute averages for honors.

## ENGLISH PROFICIENCY

All students are encouraged to increase their proficiency in the oral and written use of the English language. If a student makes a D in English 100, it is strongly recommended that English 105, Intermediate Composition, be taken. Students not proficient in English may receive a communication condition from the Office of the Dean of the College. Any student placed under communication condition may not graduate unless improved proficiency is demonstrated by examination.

## SCHOLASTIC ACHIEVEMENT NECESSARY TO REMAIN IN COLLEGE

### **Academic Probation**

Academic probation is a state of warning and indicates that the student's work is not satisfactory. Freshmen whose cumulative quality point average is less than 1.6 at the end of the academic year are placed on academic probation. Sophomores whose cumulative quality point average is less than 1.8 at the end of the academic year are placed on academic probation. Freshmen and sophomore students whose cumulative quality point average is less than 1.6 and 1.8 respectively, at the end of the first semester will be sent letters of warning which will remind them that their academic performance is not satisfactory and that improvement must be made during the following semester.

In general, a student whose cumulative quality point average is 1.6 at the end of the freshmen year (30 hours attempted) will need a 2.0 average in the sophomore year to achieve a cumulative quality point average of 1.8 after the



completion of 60 hours. A student whose cumulative quality point average is 1.8 based upon 60 hours will need a 2.4 the following year to achieve a 2.0 by the end of the junior year (90 hours attempted).

For students who start their academic careers in the summer or during the second semester a year will end when they have attempted 30 hours.

Academic probation may be removed by increasing the quality of academic performance during the regular session and/or by attending the summer session at Longwood College. Students on academic probation are encouraged to attend the summer session in order to remove the academic deficiency as soon as possible. Students on academic probation have the following twelve calendar months (two regular semesters and one summer session) in which to improve their cumulative quality point average. Failure to do so will result in academic suspension from the college.

Students are reminded that they must have a cumulative quality point average of 2.0 by the end of their junior year or after they have attempted 90 or more semester hours of work.

In summary, to remain off academic probation the following cumulative quality point averages must be attained:

1.6 at the end of the freshman year (30 hours attempted).

1.8 at the end of the sophomore year (60 hours attempted).

2.0 at the end of the junior year (90 hours attempted).

2.0 at the end of the senior year (126 or 128 hours earned).

Students on academic probation may not transfer credit earned at other institutions during the probationary period.

### **Academic Suspension**

After being placed on academic probation, students have the following twelve calendar months (two regular semesters and one summer session) in which to remove themselves from this status. Upon failure to do so, the student will not be permitted to enroll in Longwood College for at least one year. Upon being readmitted, the student has twelve months to remove the academic deficiency.

### **RELEASE OF INFORMATION ABOUT STUDENTS**

Longwood College recognizes the right of privacy of students regarding their individual academic and non-academic records and will make every effort to keep each student's record confidential. The College subscribes to the recommendations developed by the Committee on Records Management and Transcript Adequacy of the American Association of Collegiate Registrars and Admissions Officers. A copy of the complete policy regarding release of information is available in the Office of the Registrar.

### **STUDENT TEACHING**

All students enrolled in teacher education curricula undertake supervised teaching during their senior year. Each student is assigned to work with a regular teacher in a public school located off the campus. The student teaching period consists of a concentrated block of full-time teaching and

observation. This involves a minimum of 250 clock hours of directed teaching and 50 hours of directed observation. Ten semester hours of credit are earned in student teaching for the period. No additional work may be taken during the student teaching period.

## ADMISSION TO THE PROGRAM OF TEACHER EDUCATION

### Initial Interest

A student may, at the time of admission to college, declare an intent to enter a curriculum leading to teacher education and be eligible for a Virginia State Teaching Scholarship. In addition to the prescribed prerequisites for admission, special consideration to health, scholarship, character, and teaching potentialities is made of the applicant. The Director of Student Teaching serves as a consultant to the Committee on Admissions on all applications of students declaring an intent to pursue a teacher education program. Applicants who possess physical defects or histories of emotional disorders are required to submit to a personal interview at which time a committee passes on each case prior to admission to college. This committee is composed of the Director of Admissions and the Director of Student Teaching.

### Final Approval

Admission to the College does not constitute admission to the program of teacher education. Final admission to the teacher education program is given normally during the fifth semester of the student's program or to students who have earned at least sixty semester hours credit. The Committee on Teacher Education serves as the screening committee for admission.

The Committee on Teacher Education consists of six members: The Chairman of the Department of Education, The Director of Student Teaching, two College Supervisors of Student Teaching, and the Chairman of the Department and Departmental consultant in which the student is majoring. The Director of Student Teaching serves as Chairman.

Applications for approval in a teacher education program may be filed after a student has completed at least sixty semester hours credit. The student files an "Application for Acceptance in Teacher Education and Student Teaching", prior to October 15 of the junior year. Included in the application form is a formal recommendation signed by the departmental chairman of the student's major.

The Committee on Teacher Education employs the following criteria and procedures in its screening program for final admission:

1. The student must be a senior and shall have completed 90 semester hours of work.
2. The student must present evidence of the satisfactory completion of a broad background in general education.
3. The student must have adequate preparation in the major field or fields of concentration with a cumulative average of "C" on work taken at Longwood College.
4. The student must demonstrate adequate preparation in professional

courses with a minimum grade of "C" on each course or a "C" average. For secondary majors this shall include **Developmental Psychology II** and **Principles of Secondary Education**. For elementary majors this shall include **Developmental Psychology I and II**, **Developmental Teaching of Reading**, **Diagnostic Teaching of Reading** and **Principles of Kindergarten and/or Elementary Education**.

5. The student must possess good health and freedom from physical and emotional handicaps which would prove detrimental to success in teaching.
6. The student shall have demonstrated effective command of communicative skills.
7. The departmental chairman of the major field shall recommend that the student be allowed to pursue a teacher education curriculum.
8. The student may, at the discretion of the committee, be required to submit evidence or pass such tests regarding physical, emotional or academic proficiency as may be deemed necessary.

### Student Appeal

A student denied admission to the teacher education program may submit an appeal to an appeal board consisting of the Dean of the College, the Director of Student Teaching, and the Departmental Chairman of the student's major.

### CERTIFICATION REQUIREMENTS

In order to satisfy certification requirements of the Virginia State Board of Education, the student must complete the appropriate student teaching program described below:

1. The elementary major seeking endorsement in Nursery, Kindergarten and Grades 1, 2 and 3 is required to engage in student teaching for a ten-week period during either the Fall or Spring Semester of the senior year. Five weeks will be devoted to kindergarten experiences and five weeks will be spent in either grades 1, 2, or 3.
2. The elementary major seeking endorsement in Grades 4, 5, 6 and 7 and the secondary major seeking endorsement in a subject area at the high school level is required to engage in student teaching for a ten-week period during either the Fall or Spring Semester of the senior year.

**Longwood College does not recommend a student for certification as a teacher if the grade in student teaching is below "C". Students are reminded that an official designated by the President of the College is required to state in the case of the person taking the State Approved Teacher Preparatory Program that the applicant is "qualified by character and temperament for the teaching profession."**

### ACADEMIC HONORS

The College recognizes superior scholarship through its Dean's List and

the announcement of an honor list at each commencement. The Dean's List is published at the end of each semester. Students whose names appear on it are those who have earned an academic average of 3.50 or above on a minimum of 12 semester hours work taken in the semester with no grade below "C". Students eligible for the Dean's List must complete all courses in the semester for which they are registered. A grade of "I" on a student's record prevents consideration for this honor.

Those students whose general averages for all credits offered for a degree for four years of study are 3.35 or above are graduated with the following honors: 3.35-3.54, "Cum Laude," 3.55-3.74, "Magna Cum Laude," and 3.75-4.00, "Summa Cum Laude." The College also recognizes graduating seniors who have successfully completed an honors program in a specific academic area.

## EXAMINATIONS

Written examinations are given during a designated period at the end of each semester to every student enrolled in each course in the College. These are each three hours in length.

Re-examinations are not permitted for freshmen, sophomores, or juniors. A senior student is permitted one re-examination during the senior year. This may be in either the first or second semester. A fee of five dollars is assessed for this re-examination. Seniors taking advantage of this option must have the Registrar's permission before the re-examination will be given.

## REPETITION OF COURSES

Students may repeat courses in which they have unsatisfactory grades in an effort to raise such grades; however, **credit will be granted only one time for any course.** The repeated grade will be retained on the student's permanent record and contribute to the student's average; the original grade is dropped upon completion of the repeated course.

## TRANSFER OF CREDITS

The College accepts, on transfer, credits of acceptable grades earned in other accredited colleges and universities provided such credits may be applied toward the requirements for a degree in this institution. Grades earned at other institutions will be recorded at Longwood College in terms of semester hours of credit earned if the transfer grade is "C" or better. Transfer credits of a grade quality below "C" are not accepted.

Permission to take off-campus work in other institutions which will be transferred as credit to Longwood College **must be obtained prior to the taking of such work from the Office of the Dean of the College.**

The cumulative quality point average of each student will be calculated on work taken only at Longwood. Transfer credit accepted from other institutions will be used to reduce the number of credits required for graduation but will not enter into the calculation of the quality point average. The sole exception to this rule occurs when a student applies for graduation. At that time, the grades for all credits offered for a degree, including transfer

work, will be computed to determine the overall academic average for all degree work to determine academic honors earned.

Not more than fourteen semester hours of correspondence course credit and not more than thirty semester hours of extension class and correspondence study combined may be credited toward a degree. The College does not accept on transfer, credits earned through correspondence courses in the natural and physical sciences and certain other subjects. Students must obtain approval to include in their degree program correspondence and extension courses prior to enrolling in them. Otherwise, the College can assume no responsibility for accepting such credits on transfer.

The College cannot grant a student permission to enroll in a correspondence or extension course until after the student has attended this institution for at least one full summer session or a semester of the regular session.

When a student is enrolled in the College and enrolls also in a correspondence or extension course, the credit to be earned in the course will be counted in the total load of work that students are permitted to carry.

## GRADUATION REQUIREMENTS

The College awards the bachelor's degree to a student who has fulfilled the following requirements:

1. Completion of all study required in one of the four degree programs offered.
2. **For majors that do not require field experience:** completion of a course of study giving a minimum of 126 semester hours of credit with a minimum general average of "C" in all work taken and a minimum general average of "C" in courses taken in the major subject or field.
3. **For majors that require field experience:** completion of a course of study giving a minimum of 128 semester hours of credit with a minimum general average of "C" in all work taken and a minimum general average of "C" in courses taken in the major subject or field.
4. All students must demonstrate swimming proficiency. Students may either pass the College swimming test, or pass a swimming course to fulfill this requirement.
5. Removal of communication conditions, if any.
6. Attendance as a student for at least one session consisting of two semesters, including the last semester immediately preceding graduation. (One ten-week summer session in which the student carries a full load of courses may be substituted for one semester, but no student can be graduated on the basis of summer work alone.)
7. Not more than fourteen hours by correspondence nor more than thirty hours by correspondence and/or extension.
8. The maximum length of residence within which the requirements for a degree must be met is ten semesters.
9. Approval of the individual by the general faculty as a worthy candidate for graduation.
10. An *Application for Graduation* must be filed with the Registrar at least one full semester prior to the date of graduation.

**It is solely the responsibility of the candidate for graduation to meet all**

**of the above requirements, including the completion of 126 semester hours of work.**

## **CHANGES IN REQUIREMENTS**

Progressive development in the College forces frequent revision of curricula. In every new catalogue some improvements are indicated. When no hardship is imposed on the student because of changes, and when the facilities of the College permit, the student is expected to meet the requirements of the latest catalogue. In this way, the student may realize the benefits of improvements in the current curriculum. If the student finds it impossible to meet the requirements of the latest catalogue, the catalogue for the year in which the student entered becomes the binding one in terms of requirements for graduation, subject to the stipulation of the succeeding paragraph.

Students returning to the College after an interruption of four or more years of their college study are required to conform to the requirements of the latest catalogue.

## **ENFORCED WITHDRAWAL**

The College will suspend or expel any student who fails to meet the standards of the College and the Student Government Association. In such a case, there will be a refund to the student.

## **HAMPDEN-SYDNEY COURSES**

The variety of courses available to Longwood students has been increased by a cooperative arrangement with Hampden-Sydney College. Under the terms of the arrangement, full-time students at either institution may enroll for courses at the other institution without added expense. Longwood College students may find these academic areas of particular interest: Bible and religion; classical languages; computer mathematics. Students desiring to take advantage of this program must secure approval from the Dean of the College.

# Programs of Study

Longwood College awards the Bachelor of Arts, the Bachelor of Science, the Bachelor of Science in Business Education, or the Bachelor of Music Education to successful undergraduate students. **A minimum of 126 semester hours is required for graduation in each of the programs; students in programs which require field experience must complete 128 hours for graduation.**

A total of 48 semester hours in General Education is required for each degree, except the Bachelor of Arts, which requires 51. All students must take English 100 and Health Education 100. Some degree of freedom may be exercised by the student in choosing the other hours of General Education requirements. However, students are urged to consult the departmental description of their respective majors to determine specific general education courses that may be prescribed by the department. The five areas which comprise the General Education program are as follows: *for the degrees of Bachelor of Science, Bachelor of Science in Business Education, and Bachelor of Music Education* – **Humanities**, 18 semester hours; **Social Sciences**, 12 semester hours; **Natural Sciences**, 8 semester hours; **Mathematics**, 6 semester hours; and **Health and Physical Education**, 4 semester hours; *for the degree of Bachelor of Arts* – **Humanities**, 21 semester hours; **Social Sciences**, 12 semester hours; **Natural Sciences**, 8 semester hours; **Mathematics**, 6 semester hours; and **Health and Physical Education**, 4 semester hours.

Certain restrictions are placed upon the courses that may be chosen to satisfy the General Education requirements. The following section describes restrictions that apply to all students. Some of the departments involved in supplying General Education courses may recommend certain of their courses for this requirement. However, the student should remember that these recommendations do not necessarily preclude the choice of another course in which the student may have a special interest.

## Humanities (Bachelor of Arts Degree)

1. English composition (English 100), 3 credits, is required.
2. Six credits must be completed in art, music, and/or dramatic arts. All of the hours may be taken in one of these disciplines, or the credits may be split among them.
3. Three credits must be completed at the 200 level in foreign language. These credits may be taken only by students who are proficient in the language at the beginning and intermediate levels. Proficiency may be obtained at Longwood College, through work taken prior to entering Longwood College, or through transfer credits.
4. Six credits must be completed in literature, which may include foreign language literature. However, if the student wishes to fulfill the literature in a foreign language, it must be above and beyond the stipulations set forth in number 3 above.
5. Three credits must be taken in literature, philosophy or religion. If the student wishes to fulfill this requirement in foreign language literature, it must be above and beyond the stipulations set forth in numbers 3 and 4 above.

## Humanities (all degrees except Bachelor of Arts)

1. English composition (English 100), 3 credits, is required.
2. Six credits must be completed in art, music, and/or dramatic arts. All of the hours may be taken in one of these disciplines, or the credits may be split



among them.

3. Six credits must be completed in literature, which may include foreign language literature.
4. Three credits must be taken in one of the following areas: Art, Dramatic Arts, Foreign Language, Literature, Music, Philosophy, Psychology (except 240 or 250), or Religion.

#### **Social Sciences (all degrees)**

1. American History (History 121 or 122), 3 credits, is required.
2. Nine hours of work must be completed in at least two of the following areas: Anthropology, Economics, Geography, Government, History and Sociology.

#### **Natural Sciences (all degrees)**

1. A four-hour laboratory course in two of the following areas is required: Astronomy, Biology, Chemistry, Geology, Physical Science and Physics.
2. Certain combinations are not recommended because of duplication of content. They are: Astronomy 200 and Science 102; Geology 200 and Science 102; Physics 101 and Science 101; and Chemistry 101 and Science 102.

#### **Mathematics (all degrees)**

1. Students majoring in elementary education must take Mathematics 123, 124.
2. Students majoring in business must take one of the following to fulfill their mathematics requirements: Mathematics 161, 162; Mathematics 111, 112; Mathematics 111, 113.
3. Students majoring in mathematics or one of the natural sciences must take one of the following to fulfill their mathematics requirement: Mathematics 161, 162; Mathematics 164, 261; Mathematics 261, 262.
4. Majors in all other curricula may choose one of the following combinations to fulfill their mathematics requirement: Mathematics 161, 113; Mathematics 161, 114; Mathematics 161, 162; Mathematics 161, 261; Mathematics 162, 261; Mathematics 164, 261; Mathematics 261, 262; Mathematics 111, 112; Mathematics 111, 113; Mathematics 111, 114; Mathematics 111, 164.

#### **Health and Physical Education (all degrees)**

1. Health Education 100, 1 credit, is required.
2. Students may complete this requirement by taking 3 credits in any physical education activity course numbered 104 through 118. Since all students are required to demonstrate their proficiency in swimming for graduation, individuals weak in this area should elect beginning swimming as part of their physical education requirement.

Students are urged to consult with their major advisers, their department chairmen, or the Dean of the College before selecting courses to meet these requirements. Students are reminded that they may not select courses that have prerequisites without taking the prerequisites; that they may not take courses designated "for majors only" unless that is their major; and that they may not take courses bearing numbers more than one class above or below their present class standing.

Those students preparing to teach will take the sequence of courses in Teacher Education. The specified courses to be completed by prospective elementary education teachers are as follows:

Psychology 240, 250 .....	6 semester hours
Education 453 or 454 .....	3 semester hours
Education 480, 482, 484, 486, 488 .....	8 semester hours
Education 400 or 401 .....	10 semester hours

Total .....27 semester hours

Furthermore, the student majoring in elementary education must take the additional courses indicated by the Department of Education and Psychology in the next section of this catalogue.

The specified courses to be completed by prospective secondary education teachers are as follows:

Psychology 250 .....	3 semester hours
Education 455 .....	3 semester hours
Education 480, 482, 484, 486, 488 .....	8 semester hours
Education 402, 403, 404 or 405 .....	10 semester hours

Total .....24 semester hours

## REQUIREMENTS FOR THE DEGREE OF BACHELOR OF ARTS

This degree is available to students completing a major program in art, art education, biology, chemistry, earth science, economics, English, English and drama, English and speech, French, general science, geography, government, history, Latin, mathematics, music, physics, social science, social work, sociology, Spanish, speech and dramatic arts, or speech pathology.

There are no additional requirements beyond those in general education and, for students seeking certification, those in teacher education except as prescribed by the department in which the major program is taken.

The requirements for a major program vary according to the department being considered. They may be found in the section of the catalogue entitled **Departments of Instruction** and, in outline form, in the section entitled **Course Requirements**.

## REQUIREMENTS FOR THE DEGREE OF BACHELOR OF SCIENCE

The Bachelor of Science degree is available to students who complete a major program in art education, biology, chemistry, earth science, economics, elementary education, English, English and drama, English and speech, general science, geography, government, history, home economics, mathematics, office administration, physical education, psychology, physics, social science, social work, sociology, speech and dramatic arts, or speech pathology.

There are no additional requirements beyond those in general education and, for students seeking certification, those in teacher education except as prescribed by the department in which the major program is taken.

The requirements for a major program vary according to the department being considered. They may be found in the section of the catalogue entitled

**Departments of Instruction** and, in outline form, in the section entitled **Course Requirements**.

### REQUIREMENTS FOR THE DEGREE OF BACHELOR OF SCIENCE IN BUSINESS EDUCATION

This degree is awarded to students completing a major program in this field as described on page 63. The general education and teacher education requirements are the same as those for the Bachelor of Science or the Bachelor of Arts degree.

### REQUIREMENTS FOR THE DEGREE OF BACHELOR OF MUSIC EDUCATION

The Bachelor of Music Education degree is awarded to students completing a major program in this field as described on page 111. The general education and teacher education requirements are the same as those for the Bachelor of Science or Bachelor of Arts degree.

### GRADUATE PROGRAM

Longwood College offers a Graduate Program leading to the degree of Master of Science in Education and Master of Arts in Education. Areas of specialization include supervision, early childhood education, guidance and counseling, English and history. The Graduate Program is designed to provide capable students opportunities for individual inquiry and to prepare qualified school personnel for assuming leadership roles in education.

Undergraduate credit can be earned by seniors, and in some cases by juniors, by enrolling in a 500-level course. The specific requirements for an undergraduate enrolling in a 500-level course for undergraduate credit are listed with the course descriptions.

A senior at Longwood College may take up to six hours of graduate credit beyond the undergraduate degree requirements. Such credit may be earned only in 500-level courses and if it meets course requirements for the degree may be counted toward a master's degree. A student must have a "B" average in major courses, be recommended by the chairman of the major department and receive approval in advance from the Graduate Council.

**No graduate credit is given unless a formal application has been approved by the Graduate Council prior to the completion of the course.**

All graduate students in the Longwood College Graduate Program either major or minor in Education. Therefore, all graduate students are required to complete a core program of nine semester hours in education and education psychology. This core program meets the Virginia State Certification requirements and makes it possible for a teacher with two or more years of experience and holding the Collegiate Certificate to raise that certificate to the level of Collegiate Professional Certificate. Holders of the Collegiate Professional Certificate will be eligible for the PPC upon completion of their master's program.

A student who holds a baccalaureate degree from an accredited institution may apply for admission to graduate study. Applications for

graduate study are reviewed by the Graduate Council in January, May and August. The Director of the Graduate Program will notify the applicants, in writing, of the Graduate Council's action. An applicant may request a review of his records at other times by writing the Director of the Graduate Program.

### COOPERATIVE PROGRAM IN SPEECH PATHOLOGY AND AUDIOLOGY

A Cooperative Program between Longwood College and the University of Virginia has been established to serve an increasing demand for teachers and clinical workers with special training in speech pathology and audiology. The program consists of three years at Longwood and one pre-professional year in speech pathology and audiology at the University. The degree from Longwood College is either a Bachelor of Science or a Bachelor of Arts degree. Transfer to the University of Virginia is possible at the end of two years if students have a cumulative average of 3.0. In such a case, the degree is granted by the University of Virginia. Students in the cooperative program attending the University of Virginia will pay the fees of the University.

The programs for the Masters degree in Speech Pathology and Audiology at the University of Virginia are designed to satisfy academic requirements of the American Speech and Hearing Association for the certificate of clinical competence in Speech pathology or audiology.

Students interested in the program should consult with the chairman of the Department of Speech and Dramatic Arts, Longwood College, or the chairman of the Department of Speech Pathology and Audiology, University of Virginia. An outline of courses is listed in the Department of Speech and Dramatic Arts, on page 121.

### PRE-PROFESSIONAL PREPARATION FOR THE MEDICAL SCIENCES

This curriculum prepares students for admission to accredited schools of dental hygiene, dentistry, medicine, medical technology, nursing, pharmacy, and physical therapy. Since special requirements of professional schools vary considerably, students should communicate with the professional school they plan to attend prior to registration at Longwood College.

Longwood College offers several programs in cooperation with medical schools in Virginia. Pre-nursing programs at Longwood fulfill the requirements for the first two years in the degree program at the Medical College of Virginia and the University of Virginia. The three-year pre-medical technology program fulfills the baccalaureate requirements in this field and the fourth year of professional training may be taken from the medical schools. If the fourth year in medical technology is completed at the University of Virginia, the student is entitled to a B.S. degree from Longwood College. When the fourth year in medical technology is taken at the Medical College of Virginia, a B.S. degree in Medical Technology is awarded by that institution.

Because of the increased interest in careers in the medical sciences, admission to professional programs in the medical schools is extremely competitive. Therefore, even though a student has successfully completed the pre-professional course work at Longwood, admission to a professional

program cannot be guaranteed by the college.

### SPECIAL EDUCATION

Students interested in careers in special education should plan to complete their B.S. degree in elementary education or speech pathology, followed by a year of graduate study in their field of special interest. If students wish to fulfill the state certification requirements in special education, they should contact Dr. Charles Patterson, Chairman of the Department of Education and Psychology.

# Departments

Instruction in the College is offered by the departments described in this section of the catalogue. Included in the description of each department are the requirements for a major therein and the courses which it offers.

Numerous courses in most departments have prerequisites. These will be noted in the descriptions of the courses. Courses with numbers divided by commas, such as 111, 112 are semester courses. This means that the College gives credit toward a degree for the satisfactory completion of one semester of the course even though the student may not enroll in it for the other semester. Courses in which the numbers are hyphenated, such as 111-112 are year courses. In these, the College grants credit toward a degree only upon the successful completion of both semesters of work.

## Honors Program

The honors program was inaugurated by the College in 1930 to enable capable students to study intensively a subject of their choice, thereby becoming acquainted with methods of research, organization of materials, and the presentation of results in a scholarly manner. Such intensive study stimulates initiative, resourcefulness, and original thought. Students in all departments are eligible to participate in this program. The program is administered by the Honors Committee. Under this plan, the student is directed in creative research by an instructor who has specialized in the field and who acts as her sponsor. The student enrolls in Honors Research 498 and 499, thereby gaining 6 credits toward graduation.

### Regulations and Procedures:

1. A junior or senior who has a minimum quality point average of 2.7, with a 3.0 in his or her major may enroll in Honors Research 498, after receiving permission from his or her sponsor, department chairman and the Honors Committee prior to the Registrar's deadline for adding courses after the semester begins.
2. To receive this permission students must submit a written proposal stating their thesis, the method and scope of research and a preliminary bibliography. Students are encouraged to submit sufficient copies of their proposal early in the semester prior to their beginning honors work. These copies shall be submitted to the chairman of the Honors Committee. After submitting the proposal students must meet jointly with their department chairman, sponsor, and the Honors Committee to discuss their proposal.
3. If the proposal has been accepted, the student will enroll in Honors Research 498 and an examining committee to be comprised of three members (excluding the sponsor) proposed by the sponsor and approved by the department chairman and the Honors Committee is to be



assigned. The members of this committee will be available for consultation.

4. With the consent of his or her adviser the student may register for Honors Research 499.
5. The student shall follow an accepted style sheet. Four copies of the paper shall be submitted to the Honors Committee prior to the examination. Two of these copies will be retained in the library and the other two will be returned to the student.
6. An oral examination will be administered by the examining committee. A member of the Honors Committee will be present and will report the recommendations of the examining committee to the Honors Committee for final approval. The approval of at least two members of the examining committee is necessary for the granting of honors.
7. Students who complete Honors Research 498, 499 with a grade of A or B, who have maintained the grade point average indicated above, and who have passed an oral examination in their research topic, and who have met any other requirements which their major department may require for graduation, will be graduated with honors in their major field.
8. Should the student elect not to take the oral examination or should he or she fail to win the board's recommendation for graduation with honors, credit for 6 semester hours work with the grade assigned by the sponsor will still be given, although without reference to honors.

### Course Requirements

Specific requirements for the various courses of study may be found in the following catalogue description of each department and its offerings. Students are urged to familiarize themselves fully with the general degree requirements specified in the section of this catalogue entitled **Programs of Study**. An outline of the requirements for each major may be found in the section of the catalogue entitled **Course Requirements**.



## DEPARTMENT OF ART

Barbara L. Bishop, Chairman

Mr. Alexick, Mr. Baldrige, Miss Flynn, Miss Leitch, Mrs. Lemen,  
Mr. Springer, Miss Thompson, Miss Violette

The function of the Department of Art at Longwood College is to provide baccalaureate degree programs in art education and the liberal arts, fulfill general education requirements, and provide courses required for elementary and home economics majors. The curriculum includes all of the major and minor arts and Art History.

Creative learning and experimentation in the visual arts are encouraged as the students are guided to make judgments and exercise self-analysis and criticism. Emphasis is placed on concept development. A foundation in art techniques is presented through experiences, studies, facilities, and faculty. The students are allowed to choose fields of specialization, form their own concepts, and develop individual methods. The Department of Art fulfills its commitment to the development of personal expression, the humanities, and aesthetic judgment, and to the relationship of the content of art in the nature of learning and human development essential for a liberal education.

The Art Department also provides aesthetic opportunities for the academic community through lectures and demonstrations by well-known artists, art historians, and art educators; presents exhibits of student and professional work; and offers opportunities for the members of the community to take courses in art.

The several degree programs require the following courses in Art:

A. B.A. or B.S. in teacher education leading to the Collegiate Professional Certificate:

Design 120	3 credits
Drawing 130, 131	6 credits
Ceramics 213	3 credits
Printmaking 250, 251	6 credits
Painting 270, 271	6 credits
Crafts 311 or 313	3 credits
Sculpture 381, 382	6 credits
Art History 261, 262 and choice of 361, 362, 363, 364, 366, or 367	9 credits
Art Education 441	3 credits
Total requirements for teaching of art in secondary schools:	45 credits

Additional requirement for endorsement in secondary and elementary art education:

Art Education 442	3 credits
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Total requirement for teaching of art in elementary and secondary schools: **48 credits.**

Endorsement for teaching art in elementary and secondary schools requires student teaching on both levels.

**B. B.A. in Liberal Arts:**

Same studio and Art History courses as required for teacher education program. Total requirement: **42 credits.**

It is desirable that all art majors elect Philosophy 381, **Aesthetics**, as well as courses in Drama and Music.

The following courses are acceptable for fulfillment of general education requirements for all students except art majors: Art 110, 120, 130, 160, 220, 223, 250, 261, 262, 270, 361, 364, 366, 367; all others are also acceptable when prerequisites are met as specified in course descriptions, except Art 341-342, 441 and 442.

Freshman and Sophomore art majors are required to present a specified number of their works for review by a committee of the Art faculty. The screening procedure takes place in the second semester.

Junior art majors are required to present an annual exhibition of their work completed at Longwood College.

The Art Department staff reserves the privilege of retaining student work to be used for educational purposes.

Field trips in some lecture and studio classes involve nominal cost for the students. Also, students may be required to furnish all supplies and tools needed in various studio classes. Estimated costs for all classes are on file in the Financial Aid Office and Art Department Office.

\***Art 110. Crafts.** Fundamentals of structural and decorative crafts using varied tools and materials. Offered each semester; 4 periods a week; 3 credits. Mr. Baldrige, Miss Thompson.

\***Art 120. Basic Design.** Understanding the basic principles and elements of design through inquiry into the sources and terms of creative expression in two and three dimensions. Offered each semester; 6 periods a week; 3 credits. Miss Bishop, Mrs. Lemen, Miss Thompson.

\***Art 130. Drawing I.** Fundamentals of drawing, composition and illustration in various media and techniques. Offered each semester; 4 periods a week; 3 credits. Miss Leitch, Mr. Springer.

**Art 131. Drawing II.** Development of drawing skills in a wide range of subject matter including figure construction. Prerequisite: Art 130. Offered each semester; 4 periods a week; 3 credits. Miss Leitch.

\***Art 160. Introduction to the Visual Arts.** Analytical introduction to the visual arts with emphasis on structure, terminology and criticism of architecture, sculpture, and painting, both traditional and contemporary. Offered each semester; 3 lecture periods a week; 3 credits. Miss Thompson.

\*Recommended for General Education



- Art 213. Ceramics.** Forming, decorating, glazing, and firing pottery. Prerequisite: One of the following—Art 110, 120, 130, 160, 220, 250, or 270. Offered each semester; 4 periods a week; 3 credits. Mr. Alexick.
- Art 200. Design for Daily Living.** Use of art principles as they relate to environment. Constructing, decorating, and examining articles which enhance the quality of living. Not offered 1974-75; 4 periods a week; 3 credits. Mrs. Lemen, Miss Violette.
- Art 221. Design for Communication.** Further exploration of the elements of design with emphasis on package design, graphic reproduction and color separation, principles of layout design, typography and television advertising. Prerequisite: Art 120. Offered second semester; 4 periods a week; 3 credits. Miss Bishop.
- Art 223. Three-Dimensional Design.** Investigation and construction of three-dimensional forms in such media as paper, wire, wood, metal, plastics, rope and twine. Understanding and designing of forms involving spatial concepts with lectures and discussion emphasizing forms as they relate to architecture, sculpture and industrial design. 4 periods a week; 3 credits. Miss Thompson.
- \*Art 250. Printmaking I.** Exploration of traditional and contemporary printmaking techniques, processes and materials, including stencil, planographic, relief, and intaglio methods. Offered first semester; 4 periods a week; 3 credits. Miss Bishop, Mrs. Lemen.
- Art 251. Printmaking II.** Exploration of printmaking as a medium of original expression with emphasis on relief and intaglio processes. Prerequisite: Art 250. Offered second semester; 4 periods a week; 3 credits. Miss Bishop.
- \*Art 261. History of Prehistoric, Ancient and Medieval Art in the Western World.** Offered each semester; 3 periods a week; 3 credits. Miss Flynn.
- \*Art 262. History of Western Art from the Renaissance to the 19th Century.** Offered each semester; 3 periods a week; 3 credits. Miss Flynn.
- \*Art 270. Painting I.** Emphasis on various philosophical approaches to painting. Offered each semester; 4 periods a week; 3 credits. Mrs. Lemen.
- \*Art 271. Painting II.** Continuation of Painting I. Uses of several media including acrylics, watercolors, and oils. Prerequisite: Art 270. Offered second semester; 4 periods a week; 3 credits. Mrs. Lemen.
- Art 311. Enamels.** The design and production of vitreous enamels using copper as the metal base. Prerequisite: one of the following—Art 110, 120, 213, 220, 250, or 270. Offered each semester; 4 periods a week; 3 credits. Mr. Baldrige.
- Art 313. Jewelry and Metal Work.** Construction of jewelry and objects of silver and other metals with emphasis on original design and basic techniques. Prerequisite: one of the following — Art 110, 120, 220, 250, or 270. Offered each semester; 4 periods a week 3 credits. Mr. Baldrige.
- Art 315. Weaving and Textiles.** An introduction to the fundamentals in adapting a variety of fibers and textile decoration to produce visual effects which will serve as an avenue of expression for artistic works of a functional-decorative nature or as a fine art medium. Prerequisite: One of the following — Art 110, 120, 220. Offered each semester; 4 periods a week; 3 credits. Miss Violette.
- Art 341-342. Art Education in the Elementary Classroom.** Lectures and reading to introduce students to findings and theories concerned with the development of delineation and form as related to children's art and theories and practices of Art Education. Studio problems using art media essential to the continuity and

expansion of art experiences for elementary children. (Required for Elementary majors only.) Offered in sequence each year; four periods a week; 3 credits. Mr. Alexick, Mr. Springer, Miss Violette.

- Art 351. Printmaking: Serigraphy.** The silk screen process of printing as an aesthetic expression. Prerequisite: Art 120 or 270. Not offered 1974-75; 4 periods a week; 3 credits. Mrs. Lemen.
- Art 355. Fundamentals of Photography.** Study of the fundamental techniques of the camera and its relation to the field of design and visual communications. Offered each semester; 4 periods a week; 3 credits. Prerequisite: Art 120. Miss Bishop.
- Art 361. History of Western Art of the 19th and 20th Centuries.** Offered second semester 1974-75; 3 periods a week; 3 credits. Miss Flynn.
- Art 362. History of American Art.** Offered first semester 1975-76; 3 periods a week; 3 credits. Miss Flynn.
- Art 363. History of Greek and Roman Art and Architecture.** Offered second semester 1976-77; 3 periods a week; 3 credits. Miss Flynn.
- Art 364. History of Renaissance and Baroque Art and Architecture.** Offered first semester 1974-75; 3 periods a week; 3 credits. Miss Flynn.
- Art 366. Primitive Art.** A study of African, Oceanic, and Pre-Columbian art with emphasis on the historical and religious background and the artistic contributions of these cultures and civilizations. Offered second semester 1975-76; 3 periods a week; 3 credits. Miss Flynn.
- Art 367. History of Modern Architecture.** A survey of 19th and 20th century architecture. Offered first semester 1976-77; 3 periods a week; 3 credits. Miss Flynn.
- Art 381. Sculpture I.** Fundamental problems in the understanding of sculptural form through laboratory experiences and related visual study. Use of varied media and tools. Prerequisite: Art 130. Offered first semester; 4 periods a week; 3 credits. Miss Leitch.
- Art 382. Sculpture II.** Further exploration of materials and form. One problem requiring greater depth of study. Emphasis on adaption of course content to secondary art teaching. Slides and film supplements. Prerequisite: Art 381. Offered second semester; 4 periods a week; 3 credits. Miss Leitch.
- Art 411. Enamels II.** Continued exploration of the design and production of virteous enamels using copper or other metals as a base. (May be continued as Art 416, 417, etc. with permission of the instructor.) Prerequisite: Art 311. Offered each semester; 4 periods a week; 3 credits. Mr. Baldrige.
- Art 412. Ceramics Studio.** Independent problems in ceramics. Prerequisite: Art 213 and permission of instructor. Offered each semester; 4 periods a week; 3 credits. Mr. Alexick.
- Art 413. Jewelry and Metalwork II.** Continued exploration of various metals and techniques with strong emphasis on design. (May be continued as Art 418, 419, etc. with permission of the instructor.) Prerequisite: Art 313. Offered each semester; 4 periods a week; 3 credits. Mr. Baldrige.
- Art 430. Drawing Studio.** Open to students who have completed Art 130 and 131. The student will select an area of concentration and problems of specialization in media and technique. Permission of instructor required for enrollment. Offered each semester; hours to be arranged; 3 credits. Miss Leitch.



- Art 441. The Teaching of Art in the Secondary Schools.** A concentrated study of contemporary practices, theory, and materials necessary for the formulation of a meaningful art program in the secondary schools. Offered each semester; 4 periods a week; 3 credits. Mr. Springer, Miss Violette.
- Art 442. The Teaching of Art in the Elementary Schools.** Theory, methods, and materials necessary for the formulation of a creative art program in the elementary schools. Offered each semester; 4 periods a week; 3 credits. Mr. Springer, Miss Violette.
- Art 443. Problems in Art Education.** The student will select an area of art education for concentrated study through readings, research, and experimentation. The conclusion will be presented as a project or term paper. Permission of the instructor required for enrollment. Offered each semester; hours to be arranged; 3 credits. Miss Bishop, Mr. Springer, Miss Violette.
- Art 450. Printmaking Studio.** Open to students who have completed Art 120, 130, and 250, and if studying serigraphy or relief and intaglio must have completed courses in these areas. The student will select an area of concentration and problems of specialization in media and technique. Permission of instructor required for enrollment. Offered each semester; hours to be arranged; 3 credits. Miss Bishop, Mrs. Lemen.
- Art 461. Studies in Art History.** Independent study. Prerequisite: 9 credits of history of western art or equivalent. Permission of instructor required for enrollment. Offered each semester; hours to be arranged; 3 credits. Miss Flynn.
- Art 471. Painting Studio.** Open to students who have completed Art 271 or equivalent. (May be continued as 472, 473, etc. with permission of instructor.) Offered each semester; hours to be arranged; 4 periods a week; 3 credits. Mrs. Lemen.
- Art 480. Sculpture Studio.** Open to students who have completed Art 381 and 382. The student will select media and technique and set up individual problems. Permission of instructor required for enrollment. Offered each semester; hours to be arranged; 3 credits. Miss Leitch.

## DEPARTMENT OF BUSINESS

Robert E. Coleberd, Chairman

Mr. Cantieri, Mr. Carr, Mr. Cristo, Mr. Gilchrist,  
Mr. Hamilton, Mrs. Hamlett, Mr. Leeper, Miss Thompson

The Department of Business Education and Office Administration offers courses leading to the Bachelor of Science in Business Education and the Bachelor of Science with a major in Office Administration, which qualifies graduates to teach business subjects in secondary schools and to hold positions in business. The requirements for these degrees are as follows:

### Business Education

Business . . . . .	.45 or 48 semester hours
General Education (see p. 51) . . . . .	.48 semester hours
Professional Education* (see p. 53) . . . . .	.30 semester hours
Electives . . . . .	.2 or 5 semester hours

Total hours required . . . . . 128

\*Includes 6 semester hours in Business Education Methods.

## Office Administration

Business .....	45* to 63 semester hours
General Education (see p.51) .....	48 semester hours
Psychology .....	3 semester hours

Total hours required ..... 126

The Department offers courses that lead to specific teaching endorsements in the following areas: Stenography, General Office Procedures, Accounting, Economics, and Basic Business.

## Stenography and General Office Procedure

**Business 121. Elementary Typewriting.** Designed for students with no previous instruction. Emphasis on correct techniques for developing speed and accuracy. Introduction to basic correspondence, manuscripts, and simple statistical copy. First and second semesters; 3 periods a week; 3 credits. Miss Thompson.

**Business 131. Elementary Shorthand.** Mastery of Gregg Shorthand principles; reading and writing practice necessary for skill development in taking dictation. First and second semesters; 5 periods a week; 3 credits. Miss Thompson.

**Business 221. Intermediate Typewriting.** Development of proficiency in producing a wide variety of typewriting problems with acceptable speed and accuracy. Prerequisite: "C" or better in Business 121 or equivalent. First and second semesters; 3 periods a week; 3 credits. Mr. Hamilton, Mrs. Hamlett.

**Business 222. Advanced Typewriting.** Development of maximum proficiency on production problems and office-style copy. Most advanced course. Prerequisite: "C" or better in Business 221 or equivalent. First and second semesters; 3 periods a week; 3 credits. Mrs. Hamlett.

**Business 231. Intermediate Shorthand.** A complete review of shorthand theory and the development of dictation speed on unfamiliar copy. Prerequisite: "C" or better in Business 131 or equivalent. First and second semesters; 5 periods a week; 3 credits. Miss Thompson.

**Business 232. Advanced Shorthand and Transcription.** Students motivated to attain maximum levels of achievement in speed and accuracy of taking dictation. Mailable transcripts, production transcription, and transcription speeds are stressed. Most advanced course. Prerequisite: "C" or better in Business 231 or equivalent; student should have completed or be enrolled in Business 222. First and second semesters; 5 periods a week; 3 credits. Mrs. Hamlett.

**Business 453. Secretarial Procedures.** Designed to coordinate the various secretarial skills into a high-level secretarial proficiency; special emphasis on the coordination of these skills with the human relations aspect of office procedures. Pre-requisite: Business 232. First semester; 3 periods a week; 3 credits. Mrs. Hamlett.

## Accounting

**Business 241, 242. Elementary Accounting.** Theory of debits and credits; journalizing and posting. Use of special journals and ledgers. The trial balance, work sheet, business statements, and adjusting and closing entries. Accounting for notes and interest, prepaid, unearned and accrued items, asset valuation, payroll and property taxes. Partnership and corporation accounts. Practice sets. First and second semesters; 4 periods a week; 3 credits each semester. Mr. Carr, Mr. Leeper.

\*All shorthand and typing courses may be omitted on the basis of proficiency.



**Business 343. Intermediate Accounting.** Survey of basic accounting principles; working capital; noncurrent items, and corporate capital. Concepts of profit and loss measurement and analytical processes of statement preparation. Prerequisite: Business 241, 242. First semester; 3 periods a week; 3 credits. Mr. Leeper.

**Business 344. Income Taxes and Payroll Accounting.** Practical problems leading to filing of acceptable income tax returns to the United States Internal Revenue Service and to the State of Virginia. Practical problems for social security benefits and payroll tax deductions, required accounting records. Prerequisite: Business 241. Second semester; 3 periods a week; 3 credits. Mr. Leeper.

### **Economics**

**Business 201. (Economics 201) Basic Statistics.** A study of statistical methods and their application to problems of business and social research. Offered second semester; 3 periods a week; 3 credits. Mr. Coleberd.

**Business 202. (Economics 202) Basic Economics.** A concentrated study of economic principles with emphasis on methods of economics analysis and current economic problems. Offered each semester; 3 periods a week; 3 credits. Mr. Cristo, Mr. Gilchrist, Mr. Coleberd.

**Business 213-232. (Economics 231-232) Principles of Economics.** First and second semesters; 3 periods a week; 3 credits each semester. Mr. Cristo, Mr. Coleberd.

**Business 306. (Economics 306, History 306) Economic History of the United States.** Prerequisite: Economics 202 or 331-332. A study of the economy of the United States from the beginning of the Jamestown Colony to the present. Offered second semester; 3 periods a week; 3 credits. Mr. Cristo.

**Business 342 (Economics 342) Comparative Economic Systems.** A critical study of capitalism, socialism and fascism. Offered second semester; 3 periods a week; 3 credits. Mr. Cristo.

**Business 350. (Social Work 350, Economics 350) The Economics of Welfare.** An economic analysis of poverty, unemployment and the problems of education and housing for low-income families together with a critical examination of the economics of medicare, social security, urban renewal and other government welfare programs. Offered first semester; 3 periods a week; 3 credits. Mr. Coleberd.

**Business 455. (Economics 455) Money and Banking.** Nature and function of money; legal tender and credit; relation of money and credit to prices; bank deposits; and general economic activity; the American banking system from colonial times to present. Offered first semester; 3 periods a week; 3 credits. Mr. Cristo.

**Business 460, 461, 462. (Economics 460, 461, 462) Economic Seminar.** Offered on demand; 1 period a week; 1 credit. Mr. Cristo.

**Business 465. (Economics 465) International Trade.** A study of the fundamental principles of international trade, balance of payments problems and the problems of foreign exchange. Offered on demand; 3 periods a week; 3 credits. Mr. Cristo.

### **Administration**

**Business 151. Introduction to Business.** Provides a broad but firm foundation in business upon which advanced business courses can build. Develops an understanding of the business world — the philosophy, objectives, and responsibilities of business in relation to its environment; and gives direction for making a vocational choice. First and second semesters; 3 periods a week; 3 credits. Mr. Gilchrist.

- Business 220. (English 220) Business Communications.** Writing of business letters, business reports, business communications; reading and analysis of business literature. Second semester; 3 periods a week; 3 credits. Staff.
- Business 251. Retailing Principles and Practices.** Retail store organization and management; personnel, buying, selling, sales campaign, and inventories. Second semester; 3 periods a week; 3 credits. Staff.
- Business 252. Business Machines.** Provides operative training on common types of ten-key and full-keyboard, key-driven, rotary and modern electronic computing machines with emphasis on speed and accuracy to establish vocational competency. Includes a unit on filing principles and applications. First and second semesters; 3 periods a week; 3 credits. Miss Thompson.
- Business 253. Business Mathematics.** Review of fundamental mathematical processes and decimal and common fractions. Emphasis on percentage, interest, discounts, payroll and taxes, markup, commissions, notes, and depreciation. Second semester; 3 periods a week; 3 credits. Mrs. Hamlett.
- Business 350. Office Experience or Selling Experience.** The completion of a minimum of 300 clock hours of approved successful experience in either office or selling positions. Work should be completed before graduation. All business majors urged to secure positions during summer or other convenient times.
- Business 351. Insurance.** Life insurance, property insurance, health and accident insurance, social insurance and liability insurance. Emphasis on the economic importance of insurance in community and individual living. First semester; 3 periods a week; 3 credits. Staff.
- Business 352. Principles of Business Law.** Designed to acquaint the student with the legal environment in which business decisions are made. Emphasis is placed on the basic law of Contracts, Agency, Wills and Inheritance. First semester; 3 periods a week; 3 credits. Mr. Cantieri.
- Business 353. Advanced Business Principles.** A general business education course designed to give a broader understanding of the practices of present-day business. (Summer session only.) 3 credits. Staff.
- Business 354. (Government 354) Law and Society.** A general education course designed to give a broad and philosophical understanding of the general law essential to a person living in our environment and to acquaint the student with the processes by which law is applied to resolve human conflicts in organized society. Emphasis is placed on issues and trends in contemporary law. Suitable as an elective for all students; First and second semesters; 3 periods a week; 3 credits. Staff.
- Business 355. Personal Finance.** Designed to acquaint the student with the basic fundamentals in selected areas of personal finance; role of the individual as a consumer and as an investor. Suitable as an elective for all students. First and second semesters; 3 periods a week; 3 credits. Mr. Carr.
- Business 356. Data Processing.** Systems fundamental; machine orientation and essential operations, methods of coding and condensing data; data processing application and procedures. First and second semesters; 2 periods a week; 3 credits. Mr. Hill.
- Business 436. Office Management and Procedures.** A study of the management function in the modern office; problem solving through job and systems analysis; methods of office procedures and records control. Second semester; 3 periods a week; 3 credits. Staff.
- Business 454. Advertising.** Principles underlying advertising, economic and social aspects



of advertising, policies and objectives, selection and use of various media, advertising organizations, campaigns, displays and copy. Second semester; 3 periods a week; 3 credits. Mr. Leeper.

### Teacher Education

**Business 451. Teaching Secretarial Subjects.** Stresses the principles of psychology and philosophy that underlie instruction in business skills; develops competencies in teaching typewriting, shorthand, transcription, and clerical practices; surveys resource materials. First semester; 3 periods a week; 3 credits. Mr. Hamilton.

**Business 452. Teaching Bookkeeping and Basic Business Subjects.** Includes an introduction to business education. Methods of teaching bookkeeping, general business, consumer economics, business law, and other basic business subjects. Stresses the development and use of instructional media and resource materials. Second semester; 3 periods a week; 3 credits. Mr. Hamilton.

**Directed Teaching of Business Education in the Secondary School.** Students preparing to teach Business Education subjects participate in directed teaching in this field during their senior year under the direction of a supervising teacher, general supervisor, and consultant from the Department of Business Education. First and second semesters. Consultant: Mr. Hamilton.

## DEPARTMENT OF EDUCATION AND PSYCHOLOGY

Charles H. Patterson, Chairman

Mr. Arehart, Mr. Aubry, Mr. Banton, Miss Bingner, Miss Bland,  
Mr. Bowington, Mr. Dalton, Mr. Daubner, Mrs. Daubner, Mr. DeWitt,  
Mr. Elliott, Mr. Fleenor, Mr. Gibbons, Mr. Kent, Mr. Kovacs,  
Mrs. Kovacs, Mrs. Ra, Mr. Smith, Mr. Snead, Mrs. Simmons,  
Mr. Sizemore, Mr. Vassar, Mrs. Vick, Mrs. Wacker,  
Mr. Weatherly, Mrs. Woodburn

The Department of Education and Psychology offers undergraduate majors in two fields, elementary education and psychology. Graduate programs are available in early childhood and supervision, counselor education, and reading. Students interested in the Graduate Program should write to the Dean of the College for a graduate catalogue.

The undergraduate major in elementary education is divided into two patterns. Pattern A leads to specialization and certification in the Kindergarten and Grades 1, 2, and 3. Pattern B leads to specialization and certification in Grades 4, 5, 6, and 7. The student will normally make a final decision regarding her area of specialization at the beginning of the sophomore year.

The requirements for an undergraduate major in elementary education are:

### GENERAL EDUCATION REQUIREMENTS

#### A. Humanities

English 100, 282 . . . . .	6 semester hours
English literature electives . . . . .	6 semester hours
Music 242, Art 341 . . . . .	6 semester hours

**B. Social Sciences**

American History	3 semester hours
Economics 202	3 semester hours
History 111, 112	6 semester hours

**C. Natural Sciences**

Biology 102	4 semester hours
Physical Science 101	4 semester hours

**D. Mathematics**

Mathematics 123, 124	6 semester hours
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**E. Health and Physical Education**

Health Education 100	1 semester hour
Health & Physical Education 360	3 semester hours

**INTERDISCIPLINARY MAJOR REQUIREMENTS**

Art 342, Music 342	6 semester hours
Biology 103	4 semester hours
Education 325, 429	6 semester hours
English 280	3 semester hours
Geography 201, 212	6 semester hours
Mathematics 323	3 semester hours
Physical Education activity courses	2 semester hours
Physical Science 102	4 semester hours
Science 362	3 semester hours
Speech 101	3 semester hours

**PROFESSIONAL EDUCATION REQUIREMENTS****Pattern A (Kindergarten and Grades 1, 2, 3)**

Education 453, 400, 480, 482, 484, 486, 488	21 semester hours
Psychology 240, 250	6 semester hours

**Pattern B (Upper Elementary: Grades 4, 5, 6, 7)**

Education 454, 401, 480, 482, 484, 486, 488	21 semester hours
Psychology 240, 250	6 semester hours

**ADDITIONAL ELECTIVES**

Pattern A and B	13 semester hours
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**THE REQUIREMENTS FOR AN UNDERGRADUATE MAJOR  
IN PSYCHOLOGY ARE:**

**GENERAL EDUCATION****A. Humanities**

English 100 and 6 semester hours of literature	9 semester hours
Art, Music, or Dramatic Arts	6 semester hours
Philosophy 401	3 semester hours

**B. Social Sciences**

History 121 or 122 and Economics or Government	6 semester hours
Sociology and Anthropology	6 semester hours

**C. Natural Sciences**

Biology 101, 303	8 semester hours
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**D. Mathematics**

Mathematics 111-112 or 161, 162 ..... 6 semester hours

**E. Health and Physical Education**

Health Education ..... 1 semester hour

Physical Education ..... 3 semester hours

**REQUIREMENTS FOR MAJOR****A. A minimum of 36 semester hours in Psychology including:**

Psychology 133-134, 361-362,  
420-421, and 461 ..... 36 semester hours

**B. Electives ..... 42 semester hours****READING ENDORSEMENT**

The Departments of Education and English offer elementary and secondary majors in the teacher education program the opportunity to qualify for teacher certification endorsement in reading. This endorsement constitutes an added area of certification but not a major. Requirements for the endorsement are:

Education 325. The Developmental Teaching of Reading.

Education 429. The Diagnostic Teaching of Reading.

Education 480. Measurement and Evaluation Module.

Education 525. Reading in the Elementary and Secondary School.

Education 527. Practicum in Diagnostic and Remedial Techniques in Reading.

English 282. Traditional Grammar and Linguistic Approaches to Grammar and Reading, or, English 570. Introductory Linguistics.

English 280. Children's Literature, or, English 281. Literature for Young Adults.

Psychology 240. Developmental Psychology I: Child Psychology, or, Psychology

250. Developmental Psychology II: Adolescent Psychology and Learning.

**Education**

Education 325. **The Developmental Teaching of Reading.** Readiness, word recognition, vocabulary, comprehension, interpretive oral reading, skills for content fields, study skills and adaptive rates of reading are emphasized. 3 credits. Mr. Banton, Miss Bland, Mr. Elliott, Mr. Gibbons, Mrs. Woodburn.

Education 347. **Audio-Visual Education.** The improvement of instruction through the use of audio-visual equipment, techniques and materials. Offered each semester; 3 periods a week; 3 credits. Mr. Bowington, Mrs. Vick.

Education 349. **Education Television.** A detailed study of educational television with special emphasis on the roles of the studio and classroom teacher. Includes laboratory practice in the planning and production of televised instruction. Three credits. Mrs. Vick.

Education 425. **Remedial Reading Practicum.** An introduction to the diagnosis of reading problems and remedial procedures. Laboratory experiences with children in the Reading Clinic. Prerequisites: Education 400 or 401. Both semesters; 3 hours lecture, 6 hours laboratory per week; 3 credits. Miss Bland.

Education 429. **The Diagnostic Teaching of Reading.** Evaluation of reading progress, survey of common reading difficulties, diagnostic techniques, and corrective methods for the classroom are emphasized. 3 credits. Mr. Aubry, Mr. Banton, Miss Bland, Mr. Elliott, Mr. Gibbons, Mrs. Woodburn.

Education 453. **Principles of Kindergarten and Elementary Education.** Principles and methods of curriculum and instruction in the kindergarten-primary unit (K-3).

Prerequisites: Education 325, 429 3 periods a week; 3 credits. Staff

**Education 454. Principles of Elementary Education.** Principles and methods of curriculum and instruction in the upper elementary grades (4-7). Prerequisites: Education 325, 429 3 periods a week; 3 credits. Staff

**Education 455. Principles of Secondary Education.** Principles and methods of curriculum and instruction in the secondary school. Required of all majors seeking the Collegiate Certificate at the secondary level. Open to juniors only. Offered each semester, 3 periods a week; 3 credits Mr. Arehart, Mr. Kent, Mr. Kovacs, Mr. Sizemore, Mr. Vassar.

**Education 459. The Public School in the American Community.** The relationship of the teacher to various aspects of public education, including organization and administration. Offered each semester; 3 credits. Mr. Elliott.

**Education 470. Comparative Education.** A study of educational systems in selected nations with emphasis on historical, philosophical and cultural differences. Three credits. Mrs. Daubner.

### The Professional Semester

All students in teacher education programs will participate in a professional semester in their senior year during the semester in which they engage in the student teaching practicum. The semester is divided into the ten-week practicum and a six-week flexible modular professional program. The semester offers a total of eighteen semester hours credit.

### THE STUDENT TEACHING PRACTICUM:

**Education 400. Directed Teaching in the Kindergarten and Primary Grades.** Required of all majors in elementary education in the K-3 option. See prerequisites for student teaching on page 46. 10 credits. Staff.

**Education 402. Directed Teaching in the Secondary School.** Required of all students in the secondary education curricula. See prerequisites for student teaching on page 46 . 10 credits. Staff.

**Education 403. Directed Elementary Teaching for Art, Music, and Health and Physical Education.** 5 credits. Staff.

**Education 404. Directed Secondary Teaching for Art, Music, and Health and Physical Education.** 5 credits. Staff.

**Education 405. Directed Practicum in Library Science.** 5 credits. Staff.

### THE PROFESSIONAL MODULE:

**Education 480. Measurement and Evaluation Module.** The theory and practice in construction of teacher-made evaluation instruments and the selection, administration and interpretation of selected standardized tests related to instruction. Thirty 60-minute periods; 2 credits. Miss Bingner, Mr. DeWitt, Mr. Fleenor, Mrs. Kovacs, Mr. Patterson, Mrs. Ra.

**Education 482. Philosophical Foundations Module.** An overview of the different philosophical approaches to education exemplified in current practice. Thirty 60-minute periods; 2 credits. Mrs. Daubner, Mr. Daubner, Mr. Kovacs.

**Education 484. Media Module.** A Laboratory module concerned with the utilization of basic multi-media in learning processes. Ten 90-minute periods; 1 credit. Mr. Bowington, Mrs. Vick.



Education 486. **Inner-City Simulation Module.** A consideration of the problems concerned with the inner-city school through a simulation approach. Ten 120-minute periods, 2 credits. Mr. Arehart, Mr. Aubry, Mr. Elliott, Mr. Gibbons, Mr. Sizemore

Education 488. **Education Seminar.** A series of discussions concerned with orientation to the teaching profession, the American school system, trends and innovations in education, and current research. Periods to be scheduled; 1 credit. Mr. Gibbons.

### Psychology

Psychology 133. **General Psychology.** The principles of behavior and the application of psychology to practical problems concerning ability, sensory and perceptual processes, motivation, thinking and learning and the organic bases of behavior. First semester; 3 periods a week; 3 credits. Miss Bingner, Mrs. Wacker.

Psychology 134. **Quantitative Methods in Psychology.** An introduction to the principles and techniques of experimental design and statistical analysis. Second semester, 3 periods a week; 3 credits. Mrs. Ra.

Psychology 240. **Developmental Psychology I — Child Psychology.** A consideration of the development of physical traits, intelligence, social behavior, emotional behavior, personality and adjustment from conception through pre-adolescence. Required of all majors in Elementary Education. Offered each semester, 3 credits. Mr. Banton, Mr. DeWitt, Mr. Fleenor, Mr. Gibbons, Mrs. Kovacs, Mr. Patterson, Mr. Smith, Mrs. Wacker.

Psychology 250. **Developmental Psychology II — Adolescent Psychology and Learning.** A review of the developmental psychology of adolescence and an application of the principles of learning theory as they relate to education. Required of both Elementary and Secondary majors in the teacher education program. Offered each semester, 3 credits. Mr. Daubner, Mr. DeWitt, Mr. Fleenor, Mrs. Kovacs, Mr. Smith, Mrs. Wacker.

Psychology 331. (Sociology 331) **Social Psychology.** Open to juniors and seniors only. Prerequisite: six hours of sociology or six hours of psychology. First semester, 3 periods a week; 3 credits. Mr. Smith.

Psychology 353. **The Psychology of Adjustment.** A dynamic and experimental approach to the study of personality. Prerequisite: 3 hours of psychology. Second semester; 3 periods a week; 3 credits. Mr. DeWitt, Mr. Patterson, Mrs. Wacker.

Psychology 355. **Individual Differences.** Nature and significance of individual differences. Prerequisite: 6 hours of psychology. Offered alternate years; first semester; 3 periods a week; 3 credits. Mr. DeWitt.

Psychology 356. **Abnormal Psychology.** Description and explanation of the psychological aspects of behavior disorders including abnormalities of sensory and perceptual processes, memory emotion and the phenomena and interpretation of psychoses and neuroses. Offered alternate years; 3 periods a week; 3 credits. Mr. DeWitt, Mrs. Wacker.

Psychology 359. **Industrial Psychology.** The facts, theories and techniques of psychology in relation to problems of employee selection and training, performance appraisal, worker motivation and morale, industrial leadership and safety, human engineering and space psychology. Offered alternate years; 3 periods a week; 3 credits. Mr. DeWitt, Mrs. Wacker.

Psychology 361-362. **Experimental Psychology.** A detailed examination of the major problems of psychology and the experimental procedures available for their

investigation. First and second semesters; 2 periods lecture and one double period lab per week; 3 credits each semester. Mr. Smith.

**Psychology 420-421. Psychological Tests and Measurements.** A survey of methods, techniques, and instruments for measuring individual differences in behavior with special emphasis on the Binet and Wechsler Scales. Offered alternate years; first and second semesters; 2 periods lecture and one double period lab per week, 3 credits each semester. Mr. DeWitt.

**Psychology 422. Learning and Motivation.** Theories of behavior and experimental literature on learning and motivation in man and animals. Offered alternate years; 3 periods a week; 3 credits. Mr. Smith, Mrs. Wacker.

**Psychology 423. Physiological Psychology.** A study of the physiological correlates of behavior including the sensory receptors, central brain mechanisms, and co-ordination of the motor systems. Offered alternate years, 3 periods a week; 3 credits. Mrs. Wacker.

**Psychology 451. Survey of Exceptional Children.** Survey of essential characteristics of the exceptional child in an educational setting. Major emphasis is given to the educable mentally retarded, the slow learner, the gifted child, visually handicapped, crippled, and children with hearing impairments. 3 periods a week, 3 credits. Mr. Banton, Mr. Weatherly.

**Psychology 457. History and Systems of Psychology.** The development of psychology from ancient to modern times. Consideration of important men and significant ideas contributing to current systematic psychology. Prerequisites: 6 hours of psychology. Offered alternate years; 3 periods a week; 3 credits. Mrs. Wacker.

**Psychology 461. Seminar in Advanced General Psychology.** A seminar for the senior psychology major, designed to integrate his knowledge of specific fields into a comprehensive view of psychology, and to review the current research in various areas of psychology. (Open only to seniors.) Second semester; 3 periods a week, 3 credits. Staff.

#### **For Graduate and Advanced Undergraduates\***

Advanced juniors and seniors may enroll in any of the following courses for undergraduate credit:

**Education 525. Reading in the Elementary and Secondary School.** A study of the teaching principles and techniques in the field of reading. Prerequisite: Education 325 and teaching experience. 3 credits. Mr. Banton, Miss Bland, Mr. Gibbons.

**Education 526. Techniques in Diagnosis and Remedial Reading Methods.** The diagnosis of reading difficulties and remedial procedures in reading. 3 credits. Miss Bland.

**Education 527. Practicum in Diagnostic and Remedial Techniques in Reading.** The diagnosis of reading difficulties and directed practice in remedial procedures in a clinical setting. Offered in the Summer Session only. 4-6 credits. Staff.

**Education 545. Introduction to Guidance and Counseling.** Introductory course in the techniques of counseling boys and girls in elementary and high schools. Prerequisite: Education 357 or equivalent. Offered each semester; 3 credits. Miss Bingner, Mr. Daubner, Mr. DeWitt.

**Education 547. Instructional Media.** Deals with the evaluation, selection, utilization, and integration of audio-visual media in the teaching-learning process. 3 credits. Mr. Bowington, Mrs. Vick.

**Psychology 521. Human Growth and Development.** The principles and processes of human development covering the entire life span. Major aspects of development (social, physical, mental, emotional, etc.) are traced through the various stages of

\*A complete list of courses is found in the Graduate Catalogue, which may be obtained in the Office of the Dean of the College.



development, and their interaction in organized behavior examined. 3 credits. Mr. Patterson.

**Psychology 523. Theories of Personality and Adjustment.** An examination of the major theories of personality and adjustment including an introduction to psychopathology. 3 credits. Mr. Patterson.

**Psychology 555. Mental Tests.** A course in the construction and interpretation of standardized tests. Intelligence, aptitude and achievement tests are discussed in terms of their validity, reliability, norms and scaling. 3 credits. Mr. DeWitt.

## DEPARTMENT OF ENGLISH AND PHILOSOPHY

William L. Frank, *Chairman*

Mrs. Beaumont, Mr. Blackwell, Mr. Brown, Miss Cook, Miss Craft\*,  
Miss Dean, Mr. Douglas, Mr. Herndon\*, Mr. Hevener, Mrs. Hooker\*\*,  
Miss Hosey, Miss McKinney, Miss May, Mrs. Savage, Mrs. Sneller,  
Miss Sprague, Mr. Sowder, Mr. Stinson, Mr. Stuart,  
Mrs. Tinnell, Mr. Vest

The Department of English seeks to provide its majors a philosophy of language, a philosophy of literature, and skill in communication. Students may take courses leading to the A.B. and B.S. degrees in English and to the M.A. degree in Education. In cooperation with the Department of Speech and Dramatic Arts, it offers a major in English and Dramatic Arts and in English and Speech. Requirements for the undergraduate major are as follows:

Major in English for the A.B. and B.S. degrees—30 semester hours; English 120, 121; 140, 141; 415 (unless waived by departmental examination). Five elective courses: one course from English 360, 361, 362, 363, 365, 366; one course from English 522, 523, 524, 525, 526; one course from English 320, 321, 322, 520, 527; two courses: free electives from departmental offerings.

Majors must offer in addition the courses necessary to satisfy General Education requirements: English 100 and six elective hours of literature beyond departmental requirements.

Students working for the Collegiate Professional Certificate must also take English 282 and 480.

Students pursuing the A.B. degree must complete three hours in a foreign language at the 200 level or above.

The variety of courses available to Longwood students has been increased by a cooperative arrangement with Hampden-Sydney College. Under the terms of the arrangement, full-time students at either institution may enroll for courses at the other institution without added expense.

Students desiring to take advantage of this program must secure approval from the academic dean. Approval will be granted only if an equivalent course is not offered. English majors seeking approval for Hampden-Sydney

\*on leave 1974-75

\*\*on leave second semester 1974-75

courses must also have the approval of the English Department Curriculum Committee.

Major in English and Dramatic Arts in curricula for the A.B. and B.S. degrees—41 semester hours: (1) English 100; (2) English 120, 121; (3) English 282 or 570; (4) English 140 or 141; (5) nine hours of dramatic literature, including Dramatic Arts 267; (6) Dramatic Arts 201, 202; (7) Dramatic Arts 301; (8) Dramatic Arts 302; (9) Dramatic Arts 305, and (10) Speech 403. Majors in English and Dramatic Arts who are working for the Collegiate Professional Certificate must also take English 480 and English 415.

Major in English and Speech in curricula for the A.B. and B.S. degrees—42 semester hours; (1) English 100; (2) English 120, 121, (3) English 282 or 570; (4) English 140 or 141; (5) nine hours of approved elective courses from Departmental offerings; one course elected from English 360, 361, 362, 363, 365, 366; one course elected from English 522, 523, 524, 525, 526; one course elected from English 320, 321, 322, 527, 520; (6) Speech 100; (7) Speech 101; (8) Speech 201; (9) Speech 311; (10) Speech 401; (11) Speech 403; majors in English and Speech who are working for the Collegiate Professional Certificate must also take English 480 and English 415.

The requirements for a major in English satisfy the Virginia Certification Regulations for Teachers, effective July 1, 1968, which state: "The requirements of a minimum of 30 semester hours shall include courses in English literature, American literature, language, and composition and should also include a course in advanced composition writing and a course in modern English grammar."

For certification to teach Speech, Dramatic Arts, or Journalism as well as English, 6 additional semester hours in each field are required beyond the basic 30 semester hours in English. For Speech, the 6 additional hours may be obtained from any of the course offerings in Speech; for Dramatic Arts, the 6 hours must be obtained from the following: Dramatic Arts 201 and 202, for Journalism, English 110, 210, and either 211 or 212, satisfy the requirements.

Each semester the department will administer a three-hour examination which majors may take no earlier than the second semester of their sophomore year. A student failing the examination may repeat it only once. The examination will be graded pass/fail by two of the faculty members responsible for 415 grading independently. In the case of a tie, the third faculty member responsible for the course will break the tie. Passing this examination will permit a major to waive the English 415 requirement and will satisfy the junior composition proficiency requirement for English majors. For those students who fail the examination, 415 will be required and will satisfy the proficiency requirement.

A three-hour examination will be designed to test both composition and critical ability. The examination will consist of a poem (distributed at the time of the examination) to be analyzed in the form of a well-written essay.

**NOTE:** The department does not guarantee that all of the following courses will be offered every year.



### Writing

\*English 100. **Expository Writing and Research Techniques.** An introductory course in English composition, concerned chiefly with organization, verbal precision, logic, and style; some consideration will also be given to various literary genres. **Required of all students.** 3 periods a week; 3 credits; prerequisite to all other English courses. The Staff.

English 101. **Intermediate Composition.** A course designed to provide further experience in writing, in connection with consideration of various literary genres. Not recommended for English majors. (This course will contribute toward the general education literature requirement.) 3 periods a week, 3 credits. Mr. Frank, Mrs. Sneller, Mr. Stuart, Mrs. Tinnell.

English 110. **Journalism.** Introduction to journalism with practice in journalistic writing. Emphasis upon daily routine news assignments and upon standardized news magazine practice. Those wishing journalism certification are required to serve on the student newspaper as part of the work for this course. 3 periods a week; 3 credits. Mr. Blackwell.

English 210 **Editorial Journalism.** Editing of books, magazines, and newspapers. Writing of editorials, critical reviews, feature stories, magazine articles, radio and television news broadcasts and information programs. 3 periods a week 3 credits. Miss Dean.

English 211. **Writing Workshop I.** Poetry, the short story, the novel, and the narrative description. 3 periods a week; 3 credits. Mr. Douglas.

English 212. **Writing Workshop II.** Continuation of WORKSHOP I with greater emphasis on independent work and conferences. Prerequisite: English 211 or consent of instructor. Mr. Douglas.

English 415. **Advanced Composition and Analysis of Literary Genres.** An indepth course in written composition, organized along seminar lines, the courses will cater to the particular weakness of the individual student, with an equal emphasis on literature and composition. 3 periods a week, 3 credits. (The English Department reserves to itself the right to waive this requirement for individual majors. See exemption policy on preceding page.) Miss Craft, Miss May, Mr. Vest.

### Literature

#### English 109. — Contemporary Studies.

English 109.1. **The Literature of Outer Space.** A study of various poetic attempts to account for the origin and nature of the universe and of the relationship between theories of the universe and theories of poetry. Works studied will be drawn from all periods of literary history, from ancient to contemporary; some examples are the cosmogony of Lucretius, Edgar Allan Poe's *Eureka*, Plato's *Timaeus*, the parables of Jorge Luis Borges, etc. Some attention will be given to astrology in literature and to contemporary science-fiction. Recommended for those students seeking to fulfill general education requirements. 3 periods a week; 3 credits. Mr. Vest.

English 109.2. **God Spells.** A survey of various concepts of the deity in western thought stemming from the Christian tradition. Readings in literature from Catholic, Protestant, Puritan, Evangelical, Mystical, Agnostic, Unitarian, Atheistic, and Pantheistic points of view will be considered, together with readings illustrating ways of talking about the deity: allegorical, symbolic, fundamentalist, enthusiastic, analogous, conceptual, theoretical. 3 periods a week; 3 credits Miss Craft.

\*Required for General Education.

- English 109.3. **Man and Society: The Poet's Vision.** A thematic consideration of selected poets, designed to reveal poetry as a vehicle for social commentary. NOT RECOMMENDED FOR ENGLISH MAJORS. First semester; 3 periods a week; 3 credits. Miss Sprague.
- English 120, 121. **Survey of English Literature.** The literature of England from the Old English Periods into the twentieth century. 3 periods a week; 3 credits each semester. Mr. Blackwell, Miss Craft, Mr. Frank, Mr. Herndon, Mrs. Hooker, Miss May, Miss Sprague, Mr. Stinson, Mr. Stuart.
- English 140, 141. **Survey of American Literature.** First semester; selected American writers from William Bradford to Walt Whitman. Second semester: selected American writers from Emily Dickinson to William Faulkner. 3 periods a week; 3 credits each semester. Mr. Brown, Miss Cook, Miss Dean, Mr. Frank, Mrs. Sneller, Mr. Sowder, Mr. Stinson, Mr. Vest.
- English 150. **American Minority Literature.** A survey of the poetry, drama, and fiction produced by such American minorities as the Black, Indian, Chicano, and Asian, and their place in the mainstream of American Literature. 3 periods a week; 3 credits. Miss Dean.
- English 160, 161. **Survey of World Literature.** Selected figures, types and themes of world literature from the Greek Period to modern times. 3 periods a week; 3 credits each semester. Mrs. Beaumont, Mr. Hevener, Miss Hosey.
- English 163. **The Bible as Literature.** The Old and New Testaments as works of literature. 3 periods a week; 3 credits. Mr. Hevener.
- English 220. **Literary Criticism: A Historical Survey.** A chronological study of the major critical statements and approaches from Plato and Aristotle to the modern critics. 3 periods a week; 3 credits. Mr. Vest.
- English 221. **The English Novel to 1920.** Development of the English novel from Defoe to Henry James. 3 periods a week; 3 credits. Mr. Stinson, Mr. Stuart.
- English 222. **Modern British Novel.** The development of the British novel since 1920. Lawrence, Woolf, Huxley, Beckett, Greene, Sillitoe, and Burgess will be included. 3 periods a week; 3 credits. Miss McKinney, Mr. Stuart.
- English 223. **Shakespeare.** A study of twelve of Shakespeare's plays, selected to illustrate his development as a dramatist and the importance of the drama in Elizabethan England. (Same as Dramatic Arts 360) 3 periods a week; 3 credits. Mr. Blackwell, Miss Craft, Miss May.
- English 240. **The American Novel.** Historical development of form and theme in the American novel. Romanticism, realism, and naturalism, to be considered in some depth. 3 periods a week; 3 credits. Mr. Brown, Miss Cook, Mr. Frank, Mrs. Sneller.
- English 241. **The Contemporary Novel.** A study of the recent British and American novels, with emphasis on the American novel since 1945. The course will include such authors as Ellison, Hawkes, Updike, Mailer, Nabakov, Vonnegut, Bellow, Salinger, and Golding. 3 periods a week; 3 credits. Mr. Stuart.
- English 242. **Modern Poetry.** American and British poetry of the twentieth century with emphasis upon modern American poets. 3 periods a week; 3 credits. Miss Cook, Mr. Stinson, Mr. Stuart, Mr. Vest.
- English 260. **Mythology.** The course provides a survey of major myths of the world with emphasis on the Greco-Roman contribution. The mythopoeic genius is studied in its sources, manifestations, and influence upon literature. 3 periods a week; 3 credits. Miss Hosey.



- English 267. (Dramatic Arts 267) **World Drama.** A study of the forms and types of representative plays in the main current of world drama from its beginning to Goethe. In sequence with English 268 and 269. Offered alternate years; 3 periods a week; 3 credits. Mr. Lockwood.
- English 268. (Dramatic Arts 268) **Modern European Drama.** A study of the European theatre from Goethe through Shaw. In sequence with English 267 and 269. Offered alternate years; 3 periods a week; 3 credits. Mr. Lockwood.
- English 269. (Dramatic Arts 269) **Contemporary Drama.** A study of European and American drama produced in the last fifty years. Brecht, Bolt, Betti, Albee, Frisch, Sarte, Giradoux, Ghelderode, and others. In sequence with English 267 and 268. Offered alternate years; 3 periods a week; 3 credits. Mr. Lockwood.
- English 280. **Children's Literature.** Survey of children's literature; evaluation of children's books; study of the use of poetry and prose in the elementary classroom. Note: This course will not contribute toward the English requirement for General Education. Offered to juniors and seniors only; 3 periods a week; 3 credits. Miss Cook, Miss Dean, Mr. Herndon, Mrs. Hooker, Mrs. Sneller, Mr. Stinson.
- English 281. **Literature for Young Adults.** A course designed to assist students preparing to teach in the secondary schools in the selection and evaluation of books for this age level, including adult books and classics. Note: This course will not contribute toward the English requirement for General Education. Offered to juniors and seniors only; 3 periods a week; 3 credits. Mrs. Sneller, Miss Sprague, Mr. Stinson.
- English 290. **Film Aesthetics. Cinema Studies I.** A study of the basic principles of cinematic art with selected screenings of films by major directors. 3 periods a week; 3 credits. Mrs. Hooker.
- English 291. **Film Aesthetics. Cinema Studies II.** A critical and historical survey of the cinema with screenings of films by major directors. Prerequisite: Cinema Studies I or permission of the instructor. 3 periods a week; 3 credits. Mrs. Hooker.
- English 295. **The Short Story.** A study of the modern short story as a literary form. 3 periods a week; 3 credits. Mr. Douglas.
- English 296. **A Critical Approach to the Mass Media.** An evaluation and exploration of mass media content in terms of the nature, function, and influence of broadcasting, press, and film in our society, focusing upon the new languages and images they create. 3 periods a week; 3 credits. Miss Dean.
- English 320. **Sixteenth Century Poetry and Prose.** A survey of non-dramatic poetry and prose. Offered alternate years; 3 periods a week; 3 credits. Miss May.
- English 321. **Seventeenth Century Poetry and Prose, exclusive of Milton.** Donne, Jonson, Herrick, Herbert, Marvell, and other poets, with selected prose writers. Prerequisite: English 120, 121 or consent of instructor. 3 periods a week; 3 credits. Mr. Blackwell, Miss May.
- English 322. **English Literature of the 19th Century.** A survey of neo-classical poetry and prose with emphasis on Defoe, Addison, Steele, Swift, Pope, Richardson, Fielding, Johnson, and Goldsmith. Alternate years. Prerequisite: English 120, 121 or consent of instructor. 3 periods a week; 3 credits. Miss Craft.
- English 323. **Major British Romantic Poets.** Wordsworth, Coleridge, Byron, Keats, Shelley. Prerequisite: English 100 and 6 hours of literature; junior standing. 3 periods a week; 3 credits. Mrs. Hooker, Mr. Stinson.
- English 360. **The Epic in Translation.** A close reading of *The Iliad*, *The Odyssey*, and *The*

*Aeneid*, with consideration of other epics chosen from classical and world literature. 3 periods a week; 3 credits. Miss Hosey.

English 361. **Greek and Roman Literature in Translation.** Readings from Greek and Roman drama, history, philosophy and biography. 3 periods a week; 3 credits. Miss Hosey.

English 362. **Early Chinese and Japanese Literature.** (in translation) An introduction to the early philosophical literature, poetry, and prose of China and Japan. 3 periods a week; 3 credits. Mrs. Beaumont.

English 363. **Development of Japanese Fiction.** (in translation) A study of Japanese fiction from its beginnings to the modern period. 3 periods a week; 3 credits. Mrs. Beaumont.

English 365, 366. **Continental Literature.** First semester: ancient medieval, and Renaissance European classics in translation; second semester: European literature of the neo-classical romantic, and modern periods in translation. Prerequisite: 6 hours of credit in English or foreign language literature beyond the freshman level; senior or graduate standing. 3 periods a week; 3 credits each semester. Miss Hosey, Mr. Stuart.

English 367. **Japanese Drama.** An introductory study of classical and modern Japanese dramatic forms and dramatic literature in translation, with special attention given to the Noh, Kabuki and puppet theatres. Audio-visual materials will supplement lectures and discussion. 3 periods a week; 3 credits. Mrs. Beaumont.

English 430. **Studies in British Poetry.** Hopkins, Yeats, Thomas. A consideration of post-romantic theories of poetic language and form. Emphasis will be given to the evolution of Yeats' poetry. 3 periods a week; 3 credits. Mr. Stuart.

English 440. **Studies in Modern American Poetry.** Major developments in contemporary American poetry. Stevens and Crane or Eliot, Pound, Williams. 3 periods a week; 3 credits. Mr. Stuart.

English 450. **The Southern Renaissance.** Five women writers. A study of the fiction of Katherine Anne Porter, Carolina Gordon, Carson McCullers, Eudora Welty, and Flannery O'Connor. 3 periods a week; 3 credits. Mr. Vest.

English 497. **Independent Study.** A directed reading and/or research program administered by qualified specialists in the department. The student must secure the director's approval prior to registering for this course. 3 credits. The Staff.

#### **Linguistics, Language Study, and Teaching**

English 282. **Traditional Grammar and Modern English Grammar.** Three periods a week; 3 credits. Mr. Douglas, Miss McKinney, Mrs. Tinnell.

English 325. **Language Arts and Reading in the Elementary School.** (Same as Education 325) Required for the B.S. degree in elementary education. 3 periods a week; 3 credits. Mr. Banton.

English 480. **The Teaching of English.** A study of current practices with emphasis on specific techniques and materials. 3 periods a week; 3 credits. Mr. Hevener, Mrs. Sneller.

English 481. **Reading and Evaluation of Written Work.** A tutorial course designed to prepare the teaching candidate to determine the effectiveness of English Composition. 1 period a week; 1 credit. Permission of instructor required. Staff.



**English 482. Reading and Evaluation of Written Work.** A tutorial course designed to prepare the teaching candidate to determine the effectiveness of English Composition. 1 period a week; 1 credit. Permission of instructor required. Staff.

**Directed Teaching of English in the High School.** Students majoring in English, preparing to teach English in the high school, carry on directed teaching in this field during their senior year as Education 400, under a general supervisor, supervising teacher, and a consultant in the Department of English. Consultants: Mr. Frank, Mr. Hevener, Miss Hosey, Mrs. Sneller.

### Philosophy

**Philosophy 260. Introduction to Philosophy.** Critical examination of the foundations and development of historical and current systems of thought. 3 periods a week; 3 credits. Mrs. Daubner, Mrs. Savage.

**Philosophy 261. History of Western Philosophy: Ancient and Medieval.** A survey of the development of European thought from its early Greek origins to the seventeenth century. 3 periods a week; 3 credits. Mrs. Savage.

**Philosophy 262. History of Western Philosophy: Modern and Contemporary.** A survey of the history of European and American philosophy from the seventeenth century. 3 periods a week; 3 credits. Mrs. Savage.

**Philosophy 351. Logic.** The fundamentals of deduction and induction which aid the student in developing habits of valid thinking and in understanding the scientific method. 3 periods a week; 3 credits. Mrs. Savage.

**Philosophy 373. Ethics.** A study of the significant moral and ethical principles developed in European and American philosophy. 3 periods a week; 3 credits. Mrs. Daubner.

**Philosophy 381. Aesthetics.** A study of some problems in aesthetics, including the relation between beauty and the arts, the function and value of the arts in culture, and a consideration of standards for criticism and judgments of beauty. 3 periods a week; 3 credits. Mrs. Daubner.

**Philosophy 401. Philosophy of Science.** The historical origins, and modern and contemporary influences on science. 3 periods a week; 3 credits. Mrs. Savage.

**Philosophy 430. American Thought.** The development of American philosophy from its colonial beginnings to the present, with emphasis on the thinkers most significant to the creation and perpetuation of our religious, social, and political heritage and ideals. 3 periods a week; 3 credits. Mrs. Savage.

### For Graduates and Advanced Undergraduates\*

All courses numbered 500 and above have as a prerequisite at least two years of English.

**English 520. Middle English Literature.** A study of English literature from the Norman Conquest to Malory exclusive of Chaucer. 3 periods a week; 3 credits. Miss Craft.

**English 521. Arthurian Literature.** A comparative study of Arthurian materials of various countries from the medieval through the modern periods. 3 periods a week; 3 credits. Miss Craft.

**English 522, 523. Chaucer.** A study of Chaucer's major poetry, with emphasis on *Troilus and Criseyda* in one semester, and on *The Canterbury Tales* in the other. Alternate years; 3 periods a week; 3 credits each semester. Prerequisites: English 120, 121 or consent of instructor. Miss Sprague.

- English 524, 525. **Shakespeare.** A chronological study of Shakespeare's work. (Same as Dramatic Arts 560, 561) 3 periods a week; 3 credits each semester. Miss May.
- English 526. **Milton.** A study of Milton's thought, to include a close reading of *Paradise Lost*, *Paradise Regained*, *Samson Agonistes*, the important minor poems and selected prose. Prerequisite: English 120, 121 or consent of instructor. Alternate years; 3 periods a week; 3 credits. Miss May.
- English 527. **English Drama to 1642.** A study of the origin and development of English drama from the Middle Ages until the closing of the theaters in 1642. Alternate years; 3 periods a week; 3 credits. Miss Craft.
- English 530, 531. **Literature of The Victorian Age.** A study of the major literary figures of the Victorian Age, with emphasis on Tennyson, Browning, Arnold, Rossetti, Swinburne, Carlyle, Macaulay, Ruskin, and Pater; some attention to be given to the major novelists. Alternate years; 3 periods a week; 3 credits each semester. Prerequisite: English 120, 121 or consent of instructor. Miss Sprague.
- English 532. **Modern British and American Poetry.** Intensive reading of selected British and American poets stressing the intellectual background and coherence of their work. Some emphasis will be given to critical method. Yeats, Thomas, and Wallace Stevens are figures which have been read. 3 periods a week; 3 credits. Mr. Stuart.
- English 533. **Yeats and Joyce.** A study of the complete poems of Yeats and the novels of Joyce, primarily *Portrait* and *Ulysses*, with a consideration of the general Irish Revival. 3 periods a week; 3 credits. Mr. Stuart.
- English 540. **The Critical Reputations of Nineteenth Century American Novelists.** An intensive study of the popular receptions and the changing critical reputations of Hawthorne, Melville, Clemens, and James. 3 periods a week; 3 credits. Mr. Brown.
- English 550. **Literature of The South.** A survey of literature produced in the south from 1607 to the present, with emphasis on Poe, the Nashville Agrarians, and Faulkner. 3 periods a week; 3 credits. Mr. Sowder, Mr. Vest.
- English 551. **Poe and His Influence.** Edgar Allan Poe's achievement as a poet, critic, novelist, and writer of tales, together with a study of his impact upon such figures as Baudelaire, Valery, Eliot, and Tate. Special consideration is given to Poe's effect upon the New Criticism. 3 periods a week; 3 credits. Mr. Vest.
- English 552. **The Southern Renaissance.** Faulkner. A study of the major novels, with emphasis on the Yoknapatawpha cycle. 3 periods a week; 3 credits. Mr. Vest.
- English 570. **Introductory Linguistics.** An introduction to current topics in linguistics, primarily descriptive and historical, with emphasis upon various modern grammars and upon the development of the English language. 3 periods a week; 3 credits. (Replaces English 505 and 506) Miss Craft, Mr. Douglas.
- English 580. **Problems in the Teaching of High School English.** Solutions are sought to the major problems in the teaching of high school literature, language, and composition. Open only to undergraduate students who have completed practice teaching and graduate students holding the Collegiate Professional Certificate; for these graduate students, this course substitutes for Education 571 or Education 681. Note: This course will not contribute toward the 30-hour English major requirement. 3 periods a week; 3 credits. Mr. Hevener.
- English 581. **Practical Literary Criticism.** A study of the various methods of evaluating literature. Historical, humanistic, philosophical, and formalistic approaches demonstrated in the criticism of the selected works. 3 periods a week; 3 credits. Mr. Hevener.



## DEPARTMENT OF FOREIGN LANGUAGES

Anita B. Ernouf, **Chairman**

Mr. Brodesky, Mr. Corriher, Mr. Maurice, Mrs. Silveira

The Department of Foreign Languages offers courses in French, German and Spanish. Majors may be taken in French or Spanish. Majors in these languages must complete 24 hours in the language beyond the intermediate course. These hours must include courses numbered 241, 242, 401 and 402, and 12 additional hours. In French, six of these 12 hours must be in non-survey literature courses. In Spanish, of these 12 hours three hours each must be selected from the areas of Spanish-American Literature (331, 332, 431), Golden Age Literature (441, 442) and Modern Peninsular Literature (461, 462, 471, 472). Courses numbered 241, 242 are prerequisite to other literature courses in the language. Those preparing to teach must take the methods course. Supporting courses are recommended in the other humanities. Study of a second foreign language is strongly recommended.

Majors in Latin, through the cooperative program with Hampden-Sydney College, must complete 18 semester hours in the language beyond the intermediate course and 6 semester hours in either a modern foreign language beyond the beginning level at Longwood College, or Greek at Hampden-Sydney. At least one semester of Ancient History is recommended for Latin majors. Those preparing to teach must meet the usual requirements in Education.

**Longwood in Europe**, awards six credits in French upon successful completion of its summer program. Credit may be earned in all French courses, excluding methods (400), the general survey of literature (241, 242), and the periods survey courses.

A student who plans to take courses abroad is required, in order to receive credit, to submit well in advance to the chairman of the department and to the Assistant Dean of the College a written statement describing the plan under which the student expects to study.

### French

**French 111-112. Beginning French.** A balanced program in understanding, speaking, reading and writing proficiency within the framework of a first-year college program. Two hours of laboratory practice required weekly; 3 periods a week; 4 credits each semester. No credit given to a student with two years or more of secondary school study in the language. Mr. Brodesky.

**French 121-122. Intermediate French.** Readings in aspects of French civilization and introductory literary texts. Review of grammar. Laboratory practice. Prerequisite:

French 111-112 or equivalent. 3 periods a week; 3 credits each semester. Does not fulfill the general education requirement in literature. Mr. Brodesky.

French 121A, 122A. **Supplementary Intermediate French.** An optional two-hour supplement to be taken concurrently with French 121-122 by students with insufficient background for 121-122, but who cannot receive credit in 111-112. 2 periods a week; no credit. The Staff.

French 200. **Basic Translation.** A basic course in the techniques of translation for the career-oriented student. Materials chosen will be taken from the fields of advertising, biology, and business. Particularly recommended for majors in business and pre nursing. Individualized instruction. Minimum requirements: two years of high school French. 3 periods a week; 3 credits. Mr. Maurice.

French 220. **French Conversation and Composition.** Prerequisite: French 121-122 or advanced placement. Extensive practice in speaking and writing French through dialogues, discussions and compositions. Laboratory practice required. Does not satisfy the general education requirement in literature. 3 hours a week; 3 credits each semester. Mr. Brodesky.

French 230. **Civilization and Culture.** Prerequisite: French 121-122 or advanced placement. A study of French civilization and culture, with emphasis on social institutions of the twentieth century. Does not fulfill the general education requirement in literature. 3 periods a week; 3 credits. Mr. Brodesky.

French 241, 242. **A Survey of French Literature.** Prerequisite: French 121-122 or advanced placement. This course is prerequisite to other literature courses. With permission of the department it may be taken concurrently with other French literature courses. 3 periods a week; 3 credits each semester. Fall: Origins through the Eighteenth Century. Spring: Nineteenth and Twentieth Centuries. Mr. Maurice.

French 341. **Prose and Poetry of the Seventeenth Century.** Literary trends in French Classicism. Study in depth of Descartes, Pascal, LaFontaine. Offered alternate years in the fall. 3 periods a week; 3 credits. Mr. Brodesky.

French 342. **Drama of the Seventeenth Century.** Classicism applied to the theatre. Corneille, Racine, Moliere. Offered alternate years in the spring. 3 periods a week; 3 credits. Mr. Brodesky.

French 351. **The Age of Enlightenment.** The crises of conscience at the beginning of the Eighteenth Century. Marivaux, Montesquieu, Diderot, Voltaire, the Encyclopedists. Offered alternate years in the fall. 3 periods a week; 3 credits. Mr. Brodesky.

French 352. **Sentiment and Pre-Romanticism.** Literature of the last half of the Eighteenth Century. Rousseau, Buffon, Chenier, Beaumarchais; literature of the Revolution. Offered alternate years in the spring. 3 periods a week; 3 credits. Mr. Brodesky.

French 400. **Methods of Teaching French.** 3 periods a week; 3 credits. Recommended to be taken in the junior year. Mrs. Ernouf.

French 401. **Advanced Grammar and Composition.** A review course. Limited to juniors and seniors. Recommended to be taken before student teaching. 3 periods a week; 3 credits. Mr. Maurice.

French 402. **Advanced Conversation and Phonetics.** Theory and practice in the spoken language. Valid techniques and their uses in attaining mastery of oral French 3 periods a week; 3 credits. Mr. Maurice.



**French 461, 462. Literature of the Nineteenth Century.** Romanticism, Realism, Naturalism, and the Parnassian and Symbolist movements. Offered alternate years. 3 periods a week; 3 credits each semester. Mr. Maurice.

**French 471. Literature of the Twentieth Century.** Main Currents: 1900-1949. Study of Gide, Proust, Claudel, Valery, Peguy, Surrealism, Malraux, Mauriac, Green, Saint-Exupery. Offered fall semester. 3 periods a week; 3 credits. Mr. Maurice.

**French 472. Contemporary French Literature.** Literature since 1940. Existentialism, avant-garde theatre, New Novel, poetry, cinema. Offered in the spring. 3 periods a week; 3 credits. Mr. Maurice.

**French 491, 492. Special Topics in Literature and Civilization.** The topics will rotate on a regular basis from semester to semester. Prerequisite: senior standing or permission of the instructor. 3 periods a week; 3 credits each semester. The Staff.

**French 521. Directed Study.** Individualized study. Recommended only when material cannot be studied in scheduled courses. By permission of department chairman. No more than 6 credits may be earned in 521. The Staff.

#### German

**German 111-112. Beginning German.** A balanced program in understanding, speaking, reading and writing proficiency within the framework of a first-year college program. 3 periods lecture, 2 periods laboratory per week; 4 credits each semester. No credit given to a student with 2 years or more of secondary school study of the language. The Staff.

**German 121-122. Intermediate German.** Readings from contemporary German Literature. Review of grammar. Laboratory practice. Prerequisite: German 111-112 or equivalent. Does not fulfill the general education requirement in literature. 3 periods a week; 3 credits. The Staff.

**German 220. German Conversation and Composition.** Prerequisite: German 121-122 or advanced placement. Extensive practice in speaking and writing German through dialogue, discussions and compositions. Laboratory practice required. Does not satisfy the general education requirement in literature. 3 hours a week; 3 credits each semester. The Staff.

**German 230. Civilization and Culture.** Prerequisite: German 121-122 or advanced placement. A study of German civilization and culture, with emphasis on social institutions of the twentieth century. Does not fulfill the general education requirement in literature 3 periods a week; 3 credits. The Staff.

**German 241, 242. Introduction to German Literature.** Survey of German Literature from the Enlightenment to the present. Prerequisite: German 121-122 or advanced placement. This course is prerequisite to all other literature courses. With permission of the department, it may be taken concurrently with other German Literature courses. 3 periods a week; 3 credits. The Staff.

**German 400. Methods of Teaching German.** 3 periods a week; 3 credits. Recommended to be taken in the junior year. Mrs. Ernouf.

**German 401. Advanced Grammar and Composition.** A review course. Limited to juniors and seniors. Recommended to be taken before student teaching. 3 periods a week; 3 credits. The Staff.

**German 402. Advanced Conversation and Phonetics.** Theory and practice in the spoken language. Valid techniques and their uses in attaining mastery of oral German. 3 periods a week; 3 credits. The Staff.

German 411, 412. **Topics in German Literature.** The topic will depend on the needs of the advanced students of German during a given semester. Topics include: the age of Goethe, the 19th and 20th centuries, German literature prior to 1750, drama, the *Novelle*, the novel and lyric poetry. 3 periods a week; 3 credits each semester. The Staff.

German 521. **Directed Study.** Individualized study. Recommended only when material cannot be studied in scheduled courses. By permission of department chairman. 3 credits. The Staff.

### Spanish

Spanish 111-112. **Beginning Spanish.** A balanced program in understanding, speaking, reading and writing proficiency within the framework of a first-year college program. 2 hours laboratory practice required weekly. 3 periods a week; 4 credits each semester. No credit given to a student with two years or more of secondary school study in the language. Mrs. Silveira.

Spanish 121-122. **Intermediate Spanish.** Readings in aspects of Spanish and Latin American civilization. Review of grammar. Laboratory practice. Prerequisite: Spanish 111-112 or equivalent. 3 periods a week; 3 credits each semester. Does not fulfill the general education requirement in literature. Mrs. Silveira.

Spanish 121A, 122A. **Supplementary Intermediate Spanish.** An optional two-hour supplement to be taken concurrently with Spanish 121-122 by students with insufficient background for 121-122, but who cannot receive credit in 111-112. 2 periods a week; no credit. The Staff.

Spanish 220. **Spanish Conversation and Composition.** Prerequisite: Spanish 121-122 or advanced placement. Extensive practice in speaking and writing Spanish through dialogues, discussions and compositions. Laboratory practice required. Does not satisfy the general education requirement in literature. 3 hours a week; 3 credits. Mrs. Silveira.

Spanish 230. **Hispanic Civilization and Culture.** A study of Hispanic civilization and culture which emphasizes the history and art of Spain. 3 periods a week; 3 credits. Mrs. Silveira.

Spanish 241, 242. **A Survey of Spanish Literature.** Prerequisite: Spanish 121-122 or advanced placement. This course is prerequisite to other literature courses. With permission of the department it may be taken concurrently with other Spanish literature courses. 3 periods a week; 3 credits each semester. Mrs. Ernouf.

Spanish 331, 332. **A Survey of Spanish American Literature.** A study of representative authors from the colonial period to the present. 3 periods a week; 3 credits each semester. Mrs. Silveira.

Spanish 400. **Methods of Teaching Spanish.** 3 periods a week; 3 credits. Recommended to be taken in the junior year. Mrs. Ernouf.

Spanish 401. **Advanced Grammar and Composition.** A review course. Limited to juniors and seniors. Recommended to be taken before student teaching. 3 periods a week; 3 credits. Mrs. Ernouf.

Spanish 402. **Advanced Conversation and Phonetics.** Theory and practice in the spoken language. Valid techniques and their uses in attaining a mastery of oral Spanish. 3 periods a week; 3 credits. Mrs. Ernouf.

Spanish 431. **Spanish American Novel.** A study of representative authors of Spanish America. 3 periods a week; 3 credits. Mrs. Silveira.



- Spanish 441. **Golden Age Drama and Poetry.** A study of representative poets and dramatists of the Sixteenth and Seventeenth centuries. 3 periods a week; 3 credits each semester. Offered alternate years. Mrs. Ernouf.
- Spanish 442. **Golden Age Prose.** Representative genres and authors of the Sixteenth and Seventeenth centuries. 3 periods a week; 3 credits. Offered alternate years. Mrs. Ernouf.
- Spanish 461. **Nineteenth Century Theatre and Poetry.** 3 periods a week; 3 credits. Offered alternate years. Mrs. Ernouf.
- Spanish 462. **Nineteenth Century Novel.** 3 periods a week; 3 credits. Offered alternate years. Mrs. Ernouf.
- Spanish 471. **Twentieth Century Literature: The Generation of '98 and Modernism.** 3 periods a week; 3 credits. Offered alternate years. Mrs. Ernouf.
- Spanish 472. **Twentieth Century Literature: The Generation of '27 and Contemporary Literary Trends.** 3 periods a week; 3 credits. Offered alternate years. Mrs. Ernouf.
- Spanish 491, 492. **Special Topics in Literature and Civilization.** The topics will rotate on a regular basis from semester to semester. Prerequisite: senior standing or permission of the instructor. 3 periods a week; 3 credits each semester. The Staff.
- Spanish 521. **Directed Study.** Individualized study. Recommended only when material cannot be studied in scheduled course. By permission of department chairman. 3 credits. No more than 6 credits may be earned in 521. The Staff.

## DEPARTMENT OF HEALTH, PHYSICAL EDUCATION AND RECREATION

Shirley M. O'Neil, *Chairman*

Miss Andrews, Mrs. Bobbitt, Miss Bowman, Miss Bush, Miss Callaway,  
Mr. Graham, Miss Gustafson, Mrs. Harriss, Miss Heintz, Miss Hodges,  
Miss Huffman, Miss Johnson, Mr. Sadowski, Miss B. Smith,  
Miss J. Smith, Miss S. Smith

The department has as its primary purpose to educate future leaders in the fields of health, physical education and recreation. The department also provides opportunities for students to engage in recreational activities.

The department provides six educational programs. These programs are designed to meet the following objectives: [1] To prepare students to teach health and physical education in the secondary schools; [2] To prepare students to teach health and physical education in the elementary and secondary schools; [3] To prepare students to teach health, physical education and dance in the secondary schools; [4] To qualify students for careers in recreation and/or recreational therapy; [5] To provide opportunities for students to develop leisure time skills; and [6] To provide opportunities for students to participate in intramural and extramural sports, dance and aquatic arts through clubs, intramural, interclass, intercollegiate and recreational programs.

## The Required Physical Education Curriculum

All students are required to complete one semester hour of credit in health and physical education activity courses in each of four different semesters during the freshmen and sophomore years. The first semester of health education is taken in a prescribed course which consists of a series of lectures on current health problems and practical work in exercise, body mechanics and basic sports' skills. As a part of the physical education requirement, a student must complete a course in swimming unless she passes a beginner's proficiency test before the end of the junior year or is excused from swimming by the College Physician.

A regulation suit is required in all activity courses. The suits are purchased through the College Bookstore. Dance leotards, golf and tennis balls must also be furnished by the students enrolled in these courses.

It is recommended that each student select a program of activity so that she will develop a skill competency in at least one individual sport or activity and in some area of dance. A maximum of one semester hour may be taken in any one activity at the beginning level, but any number of semester hours may be taken in any one activity at the intermediate and advanced levels.

Numerals after the name of the activity indicate the level of proficiency: I—Beginner; II—Intermediate; III—Advanced.

**Health Education 100. Freshman Health Education.** A prescribed program for all freshman students. A general self-image course designed to meet present needs and interests of college students through exercise, body mechanics and basic skill activities. Offered both semesters; 3 periods a week; 1 credit. The Staff.

**Health Education 101. Aerobic Fitness and Weight Control.** A course designed to develop an understanding of aerobics (cardiovascular exercises) and the relationship of aerobics to physical fitness and weight control. 3 periods a week; 1 credit. Mr. Graham.

**Physical Education 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118.** Physical Education for all second semester freshmen; sophomores; juniors; and seniors. Semester activity courses; 3 periods a week; 1 credit. The Staff.

**Physical Education 104.** Fencing I-II

**Physical Education 105.** Gymnastics I-II.

**Physical Education 106.** Modern Dance I, II, III.

**Physical Education 107.** Tennis I-II.

**Physical Education 108.** Golf I-II.

**Physical Education 109.** Lacrosse I-II.

**Physical Education 110.** Swimming—Non-Swimmers, Beginners, Intermediate, Senior Life Saving, Water Safety Instructors, Synchronized, Competitive

**Physical Education 111.** Seasonal activity courses; two half-semester courses; students signing up for seasonal activity classes must take one class each half-semester and are not permitted to take two half-semester courses in one half-semester. Registration for both half-semester classes must be completed during regular registration sessions at the beginning of each semester; 3 periods a week; 1 credit for both classes combined.

Archery I  
Badminton I  
Basketball I,II  
Bowling I,II  
Fencing I,II  
Field Hockey

Folk and Square Dance  
Golf I,II  
Lacrosse I,II  
Tennis I,II  
Volleyball I,II

**Physical Education 112.** Archery I-II

**Physical Education 113.** Camping Skills



**Physical Education 114.** Bowling

**Physical Education 115.** Equestrian — Offered 2 double periods per week, 8 weeks; 1 credit

**Physical Education 116.** Gymnastics Judging.

**Physical Education 117.** Yoga.

**Physical Education 118.** Ballet

**Physical Education 206.** Advanced Techniques in Modern Dance

### **Professional Health, Physical Education and Recreation**

A degree of Bachelor of Science with a major in Health, Physical Education and Recreation is granted to students who complete 128 semester hours of credit in one of the patterns of curriculum as described on page 146 of this catalogue. Students may prepare for teaching careers in secondary health and physical education, secondary and elementary health and physical education, secondary physical education and dance, or they may select programs in recreation or recreational therapy. Majors who specialize in recreation or recreational therapy will enroll in a professional semester program which includes field work experiences instead of teacher education courses and student teaching, which are required of all majors in the teacher preparation programs.

Students with a major in Health, Physical Education and Recreation who have not had a course in physiology and anatomy are required to take Biology 206-207. Students planning to transfer from junior colleges should endeavor to include physiology and anatomy in their programs before transferring to Longwood. It is also recommended that transfer students have as many activity courses as possible before transferring.

All students with a major in Health, Physical Education and Recreation are expected to participate in the intramural or intercollegiate programs offered at the College.

**Junior English Proficiency Requirement:** Students will adhere to the college policy concerning the English Proficiency Requirement.

A core program has been structured to provide all majors in Health, Physical Education and Recreation with basic content needed for teaching or non-teaching careers in Health, Physical Education or Recreation. These courses are:

Biology 207, Anatomy and Physiology .....	4 semester hours
Health Education 336. Safety and First Aid .....	3 semester hours
Physical Education 225. Motor Learning .....	3 semester hours
Physical Education 250. Introduction to Health, Physical Education and Recreation .....	3 semester hours
Physical Education 339. Kinesiology .....	3 semester hours
Physical Education 338. Physiology of Exercise .....	3 semester hours
Health and Physical Education 402. Organization and Administration of Health, Physical Education and Recreation .....	3 semester hours
<b>TOTAL CORE HOURS</b>	<b>22 semester hours</b>

The remaining requirements are given on page 146 of this catalogue.

## PROFESSIONAL PHYSICAL EDUCATION

- Physical Education 102-103. **Basic Techniques.** Techniques of activities basic to the physical education and recreation programs. Hockey skills, Soccer, Movement, Stunts and Tumbling, Basketball skills, Gymnastics, Archery, and Tennis. Offered first and second semesters; 5 periods a week; 2 credits each semester. The Staff.
- Physical Education 202-203. **Basic Techniques.** Techniques activities basic to the physical education and recreation programs: Hockey techniques, Tennis, Gymnastics, Volleyball skills, Basketball mechanics and officiating, Folk and Square Dance, Field and Track, Bowling. Offered first and second semesters; 5 periods a week; 2 credits each semester. The Staff.
- Physical Education 206 I, II, III. **Advanced Techniques in Modern Dance.** Techniques work in dance for the advanced student. Prerequisite: Previous study in dance and permission of instructor. 3 periods a week; 1 credit. Miss Bowman, Miss Gustafson.
- Physical Education 225. **Motor Learning.** Basic concepts underlying motor learning including neurophysical bases, feedback, perception and other factors influencing rate and amount of motor learning. 3 periods a week; 3 credits. Miss Johnson.
- Physical Education 250. **Introduction to Health, Physical Education and Recreation.** Historical survey of Health, Physical Education and Recreation and analysis of the foundations and application of the different philosophies of health, physical education and recreation exemplified in current practice. 3 periods a week; 3 credits. Mrs. Harris.
- Physical Education 261. **Physical Education in the Elementary School.** Physical Education principles and activities for the elementary school. Offered second semester; 3 periods a week; 3 credits. Mrs. Bobbitt.
- Physical Education 304. **Theory and Analysis of Elementary School Physical Education.** Analysis, theory, and evaluation of all types of activities adaptable to elementary school physical education programs. Offered second semester, 3 periods a week; 3 credits. Mrs. Bobbitt, Miss Andrews.
- Physical Education 305. **Theory and Analysis of Activities for Secondary School Physical Education Programs.** A study of physical education activities adaptable to the characteristics, needs and interests of the secondary school pupil. 3 periods a week; 3 credits. Miss B. Smith.
- Physical Education 322. **Dance in Education.** Theory and practice in methods of teaching dance activities. 3 periods a week; 2 credits. Miss Bowman.
- Physical Education 338. **Physiology of Exercise.** First semester; 3 periods a week; 3 credits. Mr. Graham.
- Physical Education 339. **Kinesiology.** Scientific bases of physical education activities, methods of analysis, and application of scientific principles in specific physical education activities. Second semester; 3 periods a week; 3 credits. Mr. Graham.
- Physical Education 357. (Dramatic Arts 357) **Dance Composition.** Theory and practice in composition of solo and small group dances. The course is designed for those students interested in advanced training in dance. Prerequisite: Permission of the instructor. First semester; 3 periods a week; 3 credits. NOTE: This course is an elective and will meet the General Education requirements in Physical Education or Dramatic Arts, but not both. This will not satisfy state certification requirements for teaching Dramatic Arts. Miss Bowman and Miss Gustafson.
- Physical Education 358. (Dramatic Arts 358) **Theory and Practice in Composition and Choreographic Problems.** The course is designed for those students interested in



advanced training in dance. Prerequisite: Dramatic Arts 100, 201, or 202 for Dramatic Arts credit, or permission of instructor. Offered 4 periods a week; 3 credits. NOTE: This course is elective and will meet the General Education requirement in Physical Education or Dramatic Arts, but not both. This will not satisfy state certification requirements for teaching of Dramatic Arts. Miss Bowman and Miss Gustafson.

**Physical Education 403. Evaluation in Health and Physical Education.** Practice and theory in evaluation of performance in health and physical education activities including physical fitness, skills and motor performance tests, grading procedures, body measurements; written tests, and classification of students. Offered both semesters; 4 periods a week; 3 credits. Miss O'Neil.

**Physical Education 404. Seminar in Elementary School Physical Education.** Contributions of a variety of physical education activities including physical fitness, skills and motor performance tests, grading procedures, body measurements, written tests, and classification of students. Offered second semester; 5 periods a week; 3 credits. Mrs. Bobbitt.

**Physical Education 405. Practicum in Teaching.** Supervised teaching experiences to supplement the professional teacher-training program. Credit and hours to be arranged (maximum of 3 credits). Miss O'Neil.

**Physical Education 406. Coaching Interscholastic and Recreational Programs.** A survey course of factors involved in the organization and administration of girls' interscholastic and recreational programs from a state and local viewpoint. 3 periods a week; 3 credits. Miss J. Smith.

**Physical Education 428. Survey of Contemporary Dance Forms.** Comparative study and analysis of the literature pertaining to classical and modern ballet, modern dance, and current theatre dance. Previous experience and study in ballet and/or modern dance. Second semester, 3 periods a week; 2 credits. Miss Bowman and Miss Gustafson.

**Physical Education 461, 462, 463. Special Projects in Physical Education.** Independent study and research projects for qualified students. 3 credits. (May be taken as 461 or 462 for 1 or 2 credits respectively). Miss Heintz.

### PROFESSIONAL HEALTH EDUCATION

**Health Education 301-302. Driver Education.** Classroom instruction and supervised experience in teaching practice driving. Prerequisite: valid Virginia driver's license and background of driving experience. This course is required for state certification in Driver Education. First and second semesters; 2 periods a week plus additional hours in behind-the-wheel instruction; 2 credits each semester. Miss J. Smith.

**Health Education 336. Safety and First Aid.** A course in general safety, accident prevention and first aid. American Red Cross certificates will be issued to qualified applicants. Second semester; 4 periods a week; 3 credits. Miss Hodges.

**Health Education 345. Current Health Problems.** Study of current health problems related to the health status of individuals including at present: drug use and abuse, chronic and degenerative diseases, environmental health hazards, communicable diseases, and family living. Offered second semester; 3 periods a week; 3 credits. Mr. Graham.

### PROFESSIONAL HEALTH AND PHYSICAL EDUCATION

**Health and Physical Education 354. Principles and Procedures of Teaching Health and Physical Education in Junior and Senior High Schools.** A combination of study and methods related to the school health program and physical education principles and

activities for junior and senior high school girls. First and second semesters; 3 periods a week; 3 credits. Miss B. Smith.

**Health and Physical Education 360. Elementary School Health and Physical Education.** Health and physical education principles and activities for the elementary school. Required for a major in elementary education. Offered both semesters; 3 single and 1 double period a week; 3 credits. Mrs. Bobbitt and Miss Andrews.

**Health and Physical Education 402. Organization and Administration of Health, Physical Education and Recreation.** The function of administration and administrative procedures in elementary, secondary, college and university departments. The emphasis is concerned with philosophy, organization, finance, personnel areas, facilities, program, public relations, office management, insurance and liability and other areas of administration. 3 periods a week; 3 credits. Miss O'Neil, Miss Johnson.

### PROFESSIONAL PHYSICAL EDUCATION or RECREATION

**Recreation 210. Introduction to Recreational Therapy.** Philosophic concepts of recreation as therapy; internal organization of treatment settings; unique contribution of recreation in the treatment and rehabilitation process. Prerequisite: Physical Education 250. 3 periods a week; 3 credits. Mr. Sadowski.

**Physical Education or Recreation 220. Normal and Abnormal Symptomatology.** Analysis of the symptomatology which is exhibited in various physical and mental handicaps, deformities or limitations in performance of motor activities; normal body mechanics; posture analysis and physical inspection. 3 periods a week; 3 credits. Mr. Sadowski.

**Physical Education or Recreation 237. Camp Counseling.** Theory and practice in skills and procedure necessary for camping leadership. 3 periods a week; 3 credits. Mr. Sadowski.

**Physical Education or Recreation 337. Recreation Leadership and Group Dynamics.** A detailed study of the essential elements and principles involved in recreational leadership. Prerequisite: Physical Education 250. 3 periods a week; 3 credits. Mr. Sadowski.

**Physical Education or Recreation 340. Adapted, Developmental and Corrective Physical Education.** Analysis of teaching body mechanics in a general program of physical education, study and analysis of an adapted program within the physical education program, and development of procedures for a corrective physical education program. First semester; 3 periods a week; 3 credits. Miss Hodges.

**Physical Education or Recreation 355. Conduct of Extracurricular Activities in Physical Education and Recreation.** Practice and theory in organization and administration of intramurals, extramurals and club activities. 3 periods a week; 3 credits. Miss Callaway.

**Physical Education or Recreation 370. Therapeutic and Corrective Activities.** Study and practice of constructing therapeutic and/or corrective activity programs for persons with physical or mental handicaps, including learning disabilities. Prerequisite: Recreation 220 and 340. 3 periods a week; 3 credits. Mr. Sadowski.

### PROFESSIONAL SEMESTER – 16 HOURS

**Recreation 405. Internship.** A 10-week education work experience designed to provide maximum opportunities for the student majoring in recreation or recreational therapy to participate in selected professional laboratory experiences as a recreation leader or recreational therapist; at least 4 hours per week for 10 weeks. 10 credits.

**Recreation 406. Professional Seminar.** A five week seminar immediately following the students' internship with the primary focus upon the students' internship



experiences as compared to the classroom theories, practicums and summer work experiences. 30 hours; 2 credits.

**Recreation 407. Research.** A five week seminar immediately following the students' internship in which the student, through individualized study, learns to apply research findings to the profession and job functions. 30 hours; 2 credits.

**Recreation 408. Site Planning and Development.** Five-week seminar. A consideration of the planning principles and procedures used in acquiring and developing recreational facilities, and for providing the maximum return of usage from their design. 30 hours; 2 credits.

## DEPARTMENT OF HISTORY AND THE SOCIAL SCIENCES

Charles F. Lane, **Chairman**

Mr. Berkis, Mr. Burke, Mr. Coleberd, Mr. Couture, Mrs. Cover, Mrs. Cristo,  
Mr. Cristo, Mr. Crawl, Mr. Dent\*, Miss Etheridge, Mr. Gilchrist, Mr. Hall,  
Mr. Helms, Mr. Martin, Mr. Millar, Mr. Ra, Mr. Rubley, Mrs. Sanford,  
Mrs. Shelton, Mr. Speller, Mr. Stonikinis, Mr. Sydnor, Mrs. Young\*

*Arthuria Nicholas - Sociology*

The Department of History and the Social Sciences offers courses in anthropology, economics, geography, government, history, sociology, and social work. Majors may be taken in History, Economics, Geography, Government, Sociology, Social Work, and Social Science. All of these majors (except Social Work) meet the Collegiate Professional Certification standards for teaching in Virginia. For a state endorsement in history, geography, government, or sociology, a course in basic economics is required.

Students must fulfill their General Education requirements by taking History 121 or 122, and by taking nine hours in at least two of the following areas: Anthropology, Economics, Geography, Government, History, or Sociology. Specific courses recommended by the department are indicated by an asterisk in the course descriptions. Elementary Education majors must take History 111, 112, Economics 202, Geography 201, 212 and History 121 or 122.

The following courses totalling 48 semester hours are required for a Social Science major. (Social Science 400 is required for all majors):

History 111, 112	6 hours	Government 215, 216	6 hours
History 121, 122	6 hours	Government electives	6 hours
History electives	9 hours	Economics 231-232	6 hours
Geography 201	3 hours	Sociology 221 or	
Geography electives	3 hours	Anthropology 201	3 hours

The major in history includes 36 hours in history and 12 hours in related social sciences (3 of the 12 hours must be in economics). The minimum history requirements are History 111, 112, 121, 122 and 24 credits from elective courses on the junior-senior level. Majors must distribute their history requirements between American and non-American subjects. Students concentrating in American history must take a minimum of 21 hours in American history and a minimum of 12 hours in non-American history

(including History 111, 112). Students concentrating in non-American history must take a minimum of 21 hours in non-American history and a minimum of 12 hours in American history (including History 121, 122). All majors are encouraged to take history courses beyond the minimum requirements. Social Science 400 is recommended for all majors who plan to teach in the secondary school. An average grade of C (2.00) or better in the two survey courses is recommended for those students who select a history major.

A major in geography requires 30 hours in geography and 12 hours in related social sciences (3 hours of the 12 must be in economics). A major must take Geography 201 and 27 hours of elective courses. Twelve hours must be in Systematic Geography (Geography 241, 242, 354, 356, 444, 445, or Geology 200). The remaining geography must be selected from Regional Geography courses. Students who wish to take six hours of geography for the general education requirement should take Geography 201 and one elective course. Geography 201 and 212 fulfill the requirement for those students following the elementary program. Social Science 400 is recommended for all majors who plan to teach in the secondary school.

The Government major requires 30 semester hours in government courses and 12 hours in related history and/or social sciences. A course in basic economics is required.

The following courses are required for a Government major: Government 215, 216, 331, 332. The remaining 18 elective hours must be approved by the department chairman or by the government professors. Social Science 400 is recommended for all majors who plan to teach in the secondary school.

The Economics major is planned to meet the needs of those students desiring specific endorsements to teach Economics and Accounting and to give the subject matter background necessary for careers in business management.

Prerequisites to advanced courses in Economics are Accounting 241, Basic Statistics 201, and Principles of Economics 231, 232. A major in Economics requires the following subjects.

Principles of Economics .....	6 hours
Approved elective Economics courses .....	9 hours
Basic Statistics .....	3 hours
Elementary Accounting .....	6 hours
Intermediate Accounting .....	3 hours
Income taxes and payroll accounting .....	3 hours
Business Law .....	3 hours

The sociology major requires 30 semester hours in sociology and 24 hours in the following related subjects: Anthropology 201, 202; Government 215, 216; Economics 331-332; Psychology 133, 134, in addition to the general education requirements.

Students may take either the Bachelor of Arts or the Bachelor of Science degree. Students who plan to teach on the secondary level should major in one of the other social sciences and take eighteen hours in sociology in order to receive an endorsement to teach sociology.

Students majoring in social work may take either the Bachelor of Arts or the Bachelor of Science degree. The social work curriculum is designed to provide students with opportunities to obtain knowledge, attitudes and skills



appropriate for social work practice at the baccalaureate level. Also, it offers background preparation for students intending to enter a graduate professional school of social work.

A beginning competence in social work practice should be achieved by supervised field instruction in cooperating agencies. Senior majors take a full professional semester as a culmination of the college preparation. This consists of 10 weeks in field instruction (Social Work 400) followed by 6 weeks of selected "modules" (Social Work 401-407).

Longwood College is approved by the Council of Social Work Education.

The requirements for a major in social work leading to a B. S. degree are as follows:

#### General Education Requirements

Art, Music, or Dramatic Arts .....	6 semester hours
English 100 .....	3 semester hours
Literature .....	6 semester hours
Literature or Philosophy .....	3 semester hours
History 121 or 122 .....	3 semester hours
Economics 231-232 .....	6 semester hours
Anthropology 201 .....	3 semester hours
Biology 101, Biology 303 .....	8 semester hours
Mathematics 111-112 or 161, 162 .....	6 semester hours
Health Education 100 ..	1 semester hour
Physical Education Activity Courses .....	3 semester hours
	48 semester hours

#### Major Requirements

Human Growth and Development (Sociology 222, Home Economics 334, or Psychology 256 .....	3 semester hours
Sociology 221 .....	3 semester hours
Sociology 230 .....	3 semester hours
Sociology 443 .....	3 semester hours
Social Work 233 .....	3 semester hours
Social Work 234 or 240 .....	3 semester hours
Social Work 336 .....	3 semester hours
Social Work 339 .....	4 semester hours
Social Work 400 .....	10 semester hours
Professional Semester Modules .....	8 semester hours
Government 215 or 216 .....	3 semester hours
Psychology 133 .....	3 semester hours
Electives .....	31 semester hours
	128 semester hours

For those students seeking a B.A. degree in social work, 3 semester hours in one foreign language must be taken at the 200 level.

A student majoring in History or Social Science subjects may be required to take a comprehensive examination preceding student teaching to demonstrate academic proficiency in her major subjects.

### European History

**History 111, 112.\* Western Civilization.** A survey course in western civilization. First semester: From Stone Age to 1648; Second semester: From 1648 to the present. 3 periods a week; 3 credits each semester. The Staff.

**History 351. Ancient Europe and Middle East.** A study of the political, economic, and social institutions, and the religious and intellectual evolution in Ancient Greece, Rome, and in the states of the Middle East. Prerequisite: History 111 and sophomore to senior standing. Offered first semester; 3 periods a week; 3 credits. Mr. Berkis.

**History 352. Medieval Europe.** A study of the political, economic, and social institutions, and the religious and intellectual developments in Medieval Europe. Prerequisite: History 111 and sophomore to senior standing. Offered second semester; 3 periods a week; 3 credits. Mr. Berkis.

**History 353. Renaissance and Reformation.** The social, cultural, religious, political, and economic forces which shaped Western Civilization from the High Middle Ages through the end of the era of the religious wars (c. 1300-1648). Prerequisite: History 111 and 112. 3 periods a week; 3 credits. The Staff.

**History 354. The Enlightenment and the French Revolution.** The political, social, and cultural background of the Enlightenment, the main intellectual and philosophical developments of the Age of Reason, and the political and social influence of the *philosophes* as reflected in the experience of the French Revolution. Prerequisite: History 111 and 112. Offered second semester; 3 periods a week; 3 credits. Mr. Sydnor.

**History 355. Europe in the Nineteenth Century, 1815-1900.** The political, social, intellectual, and economic history of Europe from the Congress of Vienna to the turn of the century. Special emphasis is devoted to the impact of liberalism, nationalism, socialism, imperialism, and militarism upon the development of the European states and upon the formation of modern political ideologies. Offered first semester; 3 periods a week; 3 credits. Mr. Sydnor.

**History 356. Europe in the Twentieth Century, 1900 to the present.** The political, social, intellectual, economic, and military history of Europe in its world setting since the turn of the century. The importance of the two world wars, the impact of fascism and communism, and the continued significance of Europe through the Cold War are the topical foundations for History 356. Offered second semester; 3 periods a week; 3 credits. Mr. Sydnor.

**History 357. England Before the Tudors, 55 B.C. to 1485.** A survey of the major political, social, and economic factors which shaped England prior to the Reformation, with emphasis on the Middle Ages. Prerequisite: History 111 or permission of instructor. Offered first semester; 3 periods a week; 3 credits. Mr. Millar.

**History 358. The First British Empire, circa 1497 to 1783.** A study of British imperial accomplishment from the earliest ventures of the Tudors through the Treaty of Paris and the formal relinquishment of the American colonies in 1783, with emphasis on North American colonization (Canadian as well as U.S.), the activities of the East India Company, and the early explorations of the South Seas and Africa. Prerequisite: History 111 or permission of instructor. Offered second semester; 3 periods a week; 3 credits. Mr. Millar.

**History 359. Russian History to 1894.** A study of the history and civilization of Russia from the Kievan period through the reign of Alexander III. Primary emphasis is given to the modernization efforts of the reigns of Peter the Great and Catherine the

\*Recommended for General Education



Great and the reforms of Alexander II. The nineteenth century revolutionary movement from the Decembrists of 1825 through the fragmentations of the Populist movement in the 1880's is also greatly emphasized. Offered first semester; 3 periods a week; 3 credits. Mr. Crowl.

**History 360. Russian History Since 1894.** A study of Russia from the reign of Nicholas II to the present. Stress is placed on the factors leading to the collapse of the monarchy, the growth of the revolutionary parties, the revolutions of 1905 and 1917, the construction of the Soviet system, the Stalinist era, and the post Stalinist regimes. There is little effort made in the course to deal with diplomacy or foreign policy. Offered second semester; 3 periods a week; 3 credits. Mr. Crowl.

**History 463. European Historiography.** An intensive examination of the writing of history in Europe since the Renaissance, and an analysis of those British and continental historians who have exerted a major influence in shaping the image of the European past and in developing the major concepts of modern historical studies. Important figures to whom special attention will be devoted include: Guiccardini, Vico, Voltaire, Gibbon, Michelet, Stubbs, Marx, Macauley, Carlyle, Ranke, Treitschke, Sybel, Troeltsch, Dilthey, Ritter, Meinecke, Schnabel, Fischer, Bracher, Friedjung, Jaszi, Albertinim, Croce, Kluchevsky, and Trotsky. Offered alternate years; 2 periods a week; 2 credits. The Staff.

**History 465. Tudor-Stuart England, 1485-1714.** Research topics dealing with the economic, social, and political history of England in the Reformation and Renaissance with special emphasis on the historiography of the period. Prerequisite: History 112 or permission of the instructor. Offered first semester; 3 periods a week; 3 credits. Mr. Couture.

**History 466. Georgian England, 1714-1815.** A survey of the social, cultural, and political trends in the 18th century, with individual topics and reports by students. Prerequisite: History 112 or permission of the instructor. Second semester, alternate years; 3 periods a week; 3 credits. Mr. Couture.

**History 467. Victorian England, 1815-1900.** Special emphasis on the political history of 19th century England the Empire, with report topics on literary and cultural developments. Prerequisite: permission of instructor or recommendation of English Department. Offered on demand, second semester; 3 periods a week; 3 credits. Mr. Couture.

**History 469. Soviet Diplomacy.** A one-semester analysis of the diplomacy and foreign policy of Soviet Russia from 1917 to the present. Stress is placed on the political machinery and the motivating forces which determine such foreign policy. Alternate years. 3 periods a week; 3 credits. Mr. Crowl.

**History 473. The Emergence of Modern Germany, 1648-1870.** The political, social, cultural, economic and religious history of German-speaking central Europe between 1648 and 1870. Special emphasis is placed on the dynastic emergence of Prussia as a great power in Europe, and on the significant influence that the characteristics of the Prussian state had in shaping the nature of the German Empire created by Bismarck. Offered first semester; 3 periods a week; 3 credits. Mr. Sydnor.

**History 474. Modern Germany, 1870 to the present.** The political, cultural, intellectual, and economic development of Modern Germany in its European setting since the period of unification. During the semester, major attention is devoted to the four decisive periods that have shaped the development of German-speaking central Europe: The Wilhelminian Period and the First World War; the Weimar Republic; the National Socialist Period and the Second World War; and the development of the two post-war Germanies. Offered first semester; 3 periods a week; 3 credits. Mr. Sydnor.



### American History

**History 121, 122.\* United States History.** An introductory course in U.S. history. First semester: Colonial Foundations to Civil War Era; Second semester: Civil War Era to Modern Times. 3 periods a week; 3 credits. The Staff.

**History 301. American Colonial History.** A study of the English North American colonies from 1607 to 1783 with emphasis on settlement; governmental, economic, social, and religious development; and the cause, course, and results of the American Revolution. Prerequisite: History 121. Offered first semester; 3 periods a week; 3 credits. Mr. Helms.

**History 302. The Early National Period of the United States.** A study of the period from the adoption of the Constitution to the end of the Mexican War, with special attention to development of political institutions and practices, but attention as well to the economic growth, reform movements, and westward expansion. Prerequisite: History 121. Offered second semester; 3 periods a week; 3 credits. Mr. Helms.

**History 303. Civil War and Reconstruction.** The United States from the close of the Mexican War to the Compromise of 1877, with emphasis on the constitutional, political, economic, and social (as opposed to military) aspects of the period. Prerequisite: History 221. Offered first semester; 3 periods a week; 3 credits. Mr. Hall.

**History 304. Emergence of Modern America.** The United States from the Compromise of 1877 to the First World War. The Industrial Revolution and its consequences, the conquering of the Far West, the Populist Revolt, the Progressive Movement, and the rise of the United States to world power comprise the focal points of the course. Prerequisite: History 122. Offered second semester; 3 periods a week; 3 credits. Mr. Hall.

**History 305. Modern America.** A history of the United States from the 1920's to the present. Prerequisite: sophomore to senior standing. Offered first semester; 3 periods a week; 3 credits. Mr. Sneller.

**History 306. Economic History.** A study of the economy of the United States from the beginning of the Jamestown Colony to the present. Prerequisite: Economics 202 or 231-232. Offered second semester; 3 periods a week; 3 credits. Mr. Cristo.

**History 307. Diplomatic History of the United States to 1898.** A study of American foreign relations from the American Revolution to 1898. Prerequisite: History 121. Offered on demand. 3 periods a week; 3 credits. The Staff.

**History 308. Diplomatic History of the United States Since 1898.** American foreign relations and diplomatic activities from the Spanish-American War to the present. Prerequisite: sophomore to senior standing. Offered second semester; 3 periods a week; 3 credits. Mr. Sneller.

**History 309. American Social and Intellectual History.** A study of the major developments in American thought and culture from the colonial period through the Civil War with special emphasis on Puritanism, the Enlightenment, and the romantic movement. Prerequisite: History 121. Offered first semester; 3 periods a week; 3 credits. Miss Etheridge.

**History 310. American Social and Intellectual History.** A study of major developments in American thought and culture since the Civil War with special emphasis on Darwinism, liberal reform, conservative reaction, the affluent society, and the counter culture. Prerequisite: History 122. Offered second semester; 3 periods a week; 3 credits. Miss Etheridge.

**History 402. American Historiography.** The writing and interpretation of American history from colonial times to the present. Recommended only for history and

\*Recommended for General Education.

social science majors. Prerequisite: History 121, 122. Offered first semester; 2 periods a week; 2 credits. Mr. Hall.

**History 404. Virginia History.** A survey of the political development of Virginia from 1607 until the 20th century. Prerequisite: History 121 and 122 or permission of instructor. 3 periods a week; 3 credits. Mr. Couture.

**History 405. Virginia History.** The social and cultural study of Virginia with special emphasis on the teaching of Virginia history in secondary and elementary schools. Field trips and research topics of a social and cultural nature are involved in this course. Prerequisite: History 121 and 122 or permission of the instructor. 3 periods a week; 3 credits. Mr. Couture.

**History 406. The Old South.** A study of the basic political, economic, and social institutions, forces, and problems which collectively shaped the antebellum South. Prerequisite: History 121. Offered alternate years. 3 periods a week; 3 credits. Mr. Hall.

#### Latin-American History

**History 331, 332. Latin-American History.** First semester: the colonial period. Second semester: the period of independence. Offered on demand. 3 periods a week; 3 credits each semester. The Staff.

**History 333. Latin America in the Twentieth Century.** Social, political, cultural, and economic movements since the beginning of the twentieth century, with special emphasis on Mexico, Brazil, Argentina, Chile, Peru, Uruguay, and Colombia. Offered on demand; 3 periods a week; 3 credits. The Staff.

#### Asian History

**History 335. History of the Far East.** A survey of Chinese cultural and political history. Special emphasis is given to the modern period; the impact of the West, the domestic crises, the reform movements, the Republican Revolution, the Communist Revolution. Offered first semester. 3 periods a week; 3 credits. Mr. Ra.

**History 336. History of the Far East.** A survey of Japanese cultural and political history. Special emphasis is given to the modern period; the opening of Japan, the Meiji Restoration, modernization, the rise of militarism, American occupation and important current issues. Some discussion of Korean history. Offered second semester. 3 periods a week; 3 credits. Mr. Ra.

#### Other Undergraduate History Courses

**History 400. Specialized Topics in History.** Offered on demand. 3 periods a week; 3 credits. The Staff.

**History 401. Directed Reading in History.** Must be approved by chairman of the department. 2 credits. The Staff.

**History 460, 461, 462. History Seminar.** Offered on demand. 1 period a week; 1 credit. Open to junior and senior history majors. The Staff.

#### Economics

**Economics 201. Basic Statistics.** A study of statistical methods and their application to problems of business and social research. Offered second semester; 3 periods a week; 3 credits. Mr. Coleberd.

**Economics 202. \*Basic Economics.** A concentrated study of economic principles with emphasis on methods of economics analysis and current economic problems. Offered each semester; 3 periods a week; 3 credits. Mr. Cristo, Mr. Coleberd, Mr. Gilchrist.

\*Recommended for General Education.



**Economics 231-232. \*Principles of Economics.** (Economics 231 is a prerequisite for Economics 232.) First and second semesters; 3 periods a week; 3 credits each semester. Mr. Cristo, Mr. Coleberd.

**Economics 306. (History 306) Economic History.** A study of the economics of the United States from the beginning of the Jamestown Colony to the present. Prerequisite: Economics 202 or 231-232. Offered second semester. 3 periods a week; 3 credits. Mr. Cristo.

**Economics 342. Comparative Economic Systems.** A critical study of capitalism, socialism and fascism systems. Offered second semester. 3 periods a week; 3 credits. Mr. Cristo.

**Economics 350. (Social Work 350) The Economics of Welfare.** An economic analysis of poverty, unemployment and the problems of education and housing for low-income families together with a critical examination of the economics of medicare, social security, urban renewal and other government welfare programs. Offered first semester; 3 periods a week; 3 credits. Mr. Coleberd.

**Economics 455. (Business 455) Money and Banking.** First semester; 3 periods a week; 3 credits. Mr. Cristo.

**Economics 460, 461, 462. Economic Seminar.** Offered on demand; 1 period a week; 1 credit. Mr. Cristo.

**Economics 465. International Trade.** A study of the fundamental principles of international trade, balance of payments problems and the problems of foreign exchange. Offered on demand; 3 periods a week; 3 credits. Mr. Cristo.

### Geography

**Geography 201. \*Basic Elements of Geography.** The scope and nature of geographic philosophies are treated. Special emphasis is placed on the significance of man, culture, and the cultural processes in the organization of space on the earth's surface. First and second semesters; 3 periods a week; 3 credits. The Staff.

**Geography 212. World Geography—A Conceptual Approach.** An experimental and practical approach in teaching world and regional geography. Skills involved in reading and interpreting geographic data will be emphasized. Prerequisite: Geography 201 or permission of instructor. Offered second semester; 3 periods a week; 3 credits. Mr. Dent, Mr. Martin, Mr. Rubley.

**Geography 241. Cultural Geography.** A study of the interaction between man and the land. Spatial and time elements are interwoven with selected topics such as man's religions, economies, settlement patterns, racial stocks, and population characteristics. Offered second semester 1974-75; 3 periods a week; 3 credits. Mr. Martin.

**Geography 242. Economic Geography.** Relation of geographic factors to economic conditions in determining the nature and location of the several productive occupations and the distribution of the output of these occupations, including their transportation and marketing. Prerequisite: Geography 201 or permission of instructor. First semester 1975-76; 3 periods a week; 3 credits. Mr. Martin.

**Geography 251. Physical Geography—Meteorology and Climatology.** A study of basic weather phenomena and processes is emphasized. The varieties of climate and their origin in terms of air masses, source regions, and frontal zones are treated. Offered on demand; 3 periods a week; 3 credits. Mr. Lane.

**Geography 252. Physical Geography—Pedology, Hydrology, Plant Geography and Earth Resources.** A study of the physical environment in which terrestrial elements are

analyzed and interrelated. The natural resource base is emphasized. Offered on demand; 3 periods a week; 3 credits. Mr. Lane.

**Geography 353. Geography of Virginia.** Geographical appraisal of Virginia, including the geology, landforms, soils, climate, economic minerals, original vegetation, and the human geography of Virginia, emphasizing settlement and population, agriculture, industries and transportation. Prerequisite: Geography 201 or permission of instructor. First semester; 3 periods a week; 3 credits. Mr. Lane.

**Geography 354. Weather, Climate, and Man.** An elementary background of various weather phenomena and climatic patterns. Particular emphasis is given to the effects of weather and climate upon man and his activities. Alternate years. Prerequisite: Geography 201 or permission of instructor. Offered first semester 1976-77; 3 periods a week; 3 credits. Mr. Lane.

**Geography 356. Conservation of Natural Resources.** Survey of resource problems and related conservation techniques in the United States. Particular emphasis is placed upon the resource conservation problems of the Southeastern States. Alternate years. Prerequisite: Geography 201 or permission of instructor. Offered on demand; 3 periods a week; 3 credits. The Staff.

**Geography 401. Geography of Southeast Asia.** Regional analysis of the physical geography and problems in the economic political geography of Southeast Asia. Emphasis on China, Japan, and India. Alternate years. Prerequisite: Geography 201 or permission of instructor. Offered first semester 1974-75; 3 periods a week; 3 credits. The Staff.

**Geography 402. Geography of Latin America.** Regional and systematic analysis of the geography of Latin America, including treatment of physical, cultural, and economic characteristics of the several regions within the Latin American nations. Offered first semester 1974-75; 3 periods a week; 3 credits. Mr. Martin.

**Geography 403. Geography of Europe and the Mediterranean.** Regional analysis of peninsula, western and central Europe and the Mediterranean Basin. Alternate years. Prerequisite: Geography 201 or permission of instructor. Offered second semester 1975-76; 3 periods a week; 3 credits. Mr. Rubley.

**Geography 404. Geography of Anglo-America.** Regional analysis of human geography of the United States, Canada, and Alaska, emphasizing the physical and economic factors affecting the utilization of the several regions. Alternate years. Prerequisite: Geography 201 or permission of instructor. Offered second semester 1974-75; 3 periods a week; 3 credits. Mr. Rubley.

**Geography 405. Regional Geography of Modern Africa.** A regional analysis of the geographical factors influencing the culture and economies of the African Continent. Special emphasis will be placed on the present state of economic development and potentialities for future development. Prerequisite: Geography 201 or permission of instructor. Offered first semester 1975-76; 3 periods a week; 3 credits. Mr. Dent.

**Geography 444. Political Geography.** Geographic factors in major nations of the world and how they affect international relations, with analysis of current strategic positions of the U.S. and U.S.S.R. Prerequisite: Geography 201 or permission of instructor. Offered second semester 1975-76; 3 periods a week; 3 credits. Mr. Dent.

**Geography 445. Geographic Influences in American History.** This course deals with the importance of natural environment in the exploration, colonization, and expansion of trade and settlement; the distribution and development of cities, industries, and transportation systems; and the growth of the United States to a continental world power. Prerequisite: Geography 201 or permission of instructor. Offered second semester 1975-76; 3 periods a week; 3 credits. Mr. Lane.



**Geography 450. Geography of Contemporary Problem Areas.** A physical, economic, historical, and cultural analysis of selected regions and nations in the news. A background for understanding present day conditions, and the social significance of the events occurring in these areas. Prerequisite: Geography 201 or permission of instructor. First semester 1974-75; 3 periods a week; 3 credits. Mr. Rubley.

**Geography 453. Geographical Appraisal of the Soviet Union.** An evaluation of people, land, climate, resources, and space as they bear on economic developments and political prospects of the Soviet Union. Prerequisite: Geography 201 or permission of instructor. First semester 1975-76; 3 periods a week; 3 credits. Mr. Rubley.

**Geography 454. Man's Role in Changing the Face of the Earth.** A review of the diverse ways cultures have transformed the natural landscapes of the world. Comparative studies of the land use by primitive and technologically advanced peoples. Prerequisite: Geography 201 or permission of instructor. Offered second semester 1975-76. 3 periods a week; 3 credits. Mr. Martin.

**Geography 455. The South: Landscapes and Folk Culture.** Investigation of changes in the natural landscapes wrought by man. Elements of material culture that give character to areas will be considered. Prerequisite: Geography 201 or permission of instructor. Alternate years. Offered on demand. 3 periods a week; 3 credits. The Staff.

**Geography 470, 471. Geography Seminar.** Offered on demand. Prerequisite: Geography 201 or permission of instructor. 3 periods a week; 3 credits. The Staff.

#### Government

**Government 201. \*Introduction to Political Science.** An introductory study of fundamental political concepts, principles, and institutions. First and second semesters; 3 periods a week; 3 credits. Mr. Ra.

**Government 215, 216. \*American Government I and II.** (Government 215—Federal; Government 216—State and Local) Study of American political institutions and processes, and discussions of current issues and problems of American government and politics. Field trips are usually required. Offered first and second semesters; 3 periods a week; 6 credits. Mr. Helms.

**Government 331. Political Theory and Philosophy I.** Survey of outstanding political theories and philosophies from ancient Greece throughout the Middle Ages, including political theory and philosophy of Plato, Aristotle, Cicero, St. Augustine, St. Thomas Aquinas, and Dante. Offered first semester; 3 periods a week; 3 credits. Mr. Ra.

**Government 332. Political Theory and Philosophy II.** Survey of outstanding political theories and philosophies of modern times, including theories of Jean Bodin, Thomas Hobbes, John Locke, Montesquieu, Rousseau, Edmund Burke, Alexis de Tocqueville, J.S. Mill, Hegel, Karl Marx, Lenin and Mao. Offered second semester; 3 periods a week; 3 credits. Mr. Ra.

**Government 354 (Business 354) Law and Society.** The course is designed to give a broad and philosophical understanding of the general law essential to a person living in our environment and to acquaint the student with the processes by which law is applied to resolve human conflicts in organized society. Emphasis is placed on issues and trends in contemporary law. First semester; 3 periods a week; 3 credits. The Staff.

**Government 435, 436. Comparative Government and Politics.** Study of the political systems for countries including Great Britain, France, Germany, and Russia. First and second semesters; 3 periods a week; 3 credits. Mr. Ra.

**Government 437, 438. Asian Governments and Politics.** Study of the major Asian

\*Recommended for General Education.

powers, primarily Communist China and Japan. Special attention given to the political systems and foreign policies. Offered on demand; 3 periods a week; 3 credits. Mr. Ra.

Government 441. **International Relations.** Study of the various factors conditioning foreign policies of the state. Special attention given to the foreign policies of the major powers of the world. Alternate years; 3 periods a week; 3 credits. Mr. Ra.

Government 442. **International Organizations.** Study of the United Nations, its organization, activities, and policies and its role in world politics. Offered alternate years; 3 periods a week; 3 credits. Mr. Ra.

Government 444 (Geography 444) **Political Geography.** Geographic factors in major nations of the world and how they affect international relations, with analysis of current strategic positions of the U.S. and U.S.S.R. Prerequisite: Geography 201 or permission of instructor. Second semester 1973-74; 3 periods a week; 3 credits. Mr. Dent.

Government 460, 461, 462. **Government Seminar.** Offered on demand. 1 period a week; 1 credit. Open to juniors and seniors. The Staff.

Government 535. (History 535) See graduate and advanced undergraduate courses.

### Sociology

Sociology 201. (Economics 201) **Basic Statistics.** A study of the basic statistical methods appropriate for dealing with problems in business and the social sciences. Offered first semester; 3 credits. Mr. Cristo.

Sociology 221. **\*Introductory Sociology.** The study of principles and comparisons in society and culture as these relate to social groups and institutions. First and second semesters; 3 periods a week; 3 credits. The Staff.

Sociology 222. **Sociology of Child Development.** Emphasis in this course is upon the social situations in which children live and grow from infancy to maturity. 3 credits. Mrs. Shelton.

Sociology 230. **Contemporary Social Problems.** An introduction to the sociology of deviant behavior and social disorganization. First and second semesters. Prerequisite: Sociology 221. 3 credits. Mrs. Cover.

Sociology 331. (Psychology 331) **Social Psychology.** Open to juniors and seniors only. Prerequisite: six hours of sociology and six hours of psychology. 3 credits.

Sociology 332. **Race and Cultural Minorities.** A study of the sociological principles related to understanding the position and problems of racial and cultural minorities in modern society. Open to juniors and seniors only. Prerequisite: Sociology 221. Second semester; 3 credits. Mrs. Cristo.

Sociology 335. **Juvenile Delinquency.** Open to juniors and seniors only. The nature of delinquent behavior. Social determinants of delinquency. Methods of detention, probation and parole, court administrations. 3 credits. Mrs. Cover, Mrs. Shelton.

Sociology 350. (Economics 350) **The Economics of Welfare.** An economic analysis of poverty, unemployment and the problems of education and housing for low income families together with a critical examination of the economics of medicare, social security, urban renewal and other government welfare programs. Offered first semester; 3 periods a week; 3 credits. Mr. Coleberd.

Sociology 441. **Marriage and the Family.** A study of the structure and function of the family; factors in the choice of a marriage partner; and the necessary adjustments in



marriage and family life. Open to juniors and seniors only. Offered each semester; 3 periods a week; 3 credits. Mrs. Cover.

**Sociology 443. The Community.** Review of theories of community and analysis of representative community studies. Open to juniors and seniors only. Prerequisite: six hours of sociology. Enrollment is limited to sociology and social science majors. 3 periods a week; 3 credits. Mrs. Sanford.

**Sociology 445. Social Theory and Research Methodology.** A review of the historical growth and development of sociological thought, types and nature of sociological theories, and relationship between theory and methodology. The student is introduced to research methodology through actual data collection and analysis. Prerequisite: six hours of sociology. Second semester; 3 credits. Mr. Stonikinis.

**Sociology 460, 461, 462. Sociology Seminar.** Offered on demand. 1 period a week; 1 credit. The Staff.

**Sociology 490. Individualized Study in Sociology.** Recommended only when subject matter cannot be studied in scheduled courses. Must have permission of departmental chairman. 3 credits per semester. No more than 6 credits may be earned in Sociology 490. The Staff.

### Anthropology

**Anthropology 201, 202. \*Introductory Cultural Anthropology.**

**Anthropology 201. \*A general study of human society and culture; an introduction to the principles of social and cultural anthropology.** First and second semesters; 3 credits. Mrs. Cristo, Mrs. Sanford.

**Anthropology 202. A cross-cultural analysis and comparison of selected societies; applying the principles of cultural anthropology.** Prerequisite: Anthropology 201. Second semester; 3 credits. Mrs. Cristo.

**Anthropology 310. Introduction to Fieldwork.** Practical introduction to ethnographic fieldwork in contemporary American society, using methods of participant observation and semantic analysis. Prerequisites: Anthropology 201 and Sociology 221. 3 periods a week; 3 credits. Mrs. Sanford.

**Anthropology 490. Individualized study in anthropology.** Recommended only when subject matter cannot be studied in scheduled courses. Must have permission of departmental chairman. 3 credits each semester. No more than 6 credits may be earned in Anthropology 490. The Staff.

### Social Work

**Social Work 101. Introduction to the Human Services.** An introduction to the broad range of human service professions. Particular emphasis on social work as one of the several professions and occupations practicing within the social welfare field. First semester; 3 credits. The Staff.

**Social Work 233. Social Welfare as a Social Institution.** A study of the societal and value context in which the American social welfare system developed and which continues to influence its further development. Social Welfare is viewed as the active expression of man's responsibility for others. Emphasis on those goals of social welfare services that aim to guarantee the satisfaction of basic social needs of individuals, the achievement of social justice for all, and the survival of society. First semester; 3 credits. The Staff.

**Social Work 234. Social Work as a Profession.** An examination of the philosophy, values and activities of the social work profession. The varied roles of the social worker are

\*Recommended for General Education.

explored in relation to "clients" and other relevant transactional systems. 3 credits. The Staff.

**Social Work 240. Social Welfare Policies, Programs and Issues.** Study of the policies, programs and issues related to social welfare institutions and services, including the interrelationship of these institutions and services with other parts of the social structure. Prerequisite: Social Welfare 233. Second semester; 3 credits. The Staff.

**Social Work 336. Interventive Means in Social Work.** A generalized approach to social work practice with the goal of achieving social justice and the fulfillment of human potential and needs. Students are helped to analyze problems situations, to select goals and strategies of intervention and worker roles, to develop skill in use of self and other resources and to assess effectiveness of intervention and services. First and second semester; 3 credits. The Staff.

**Social Work 337. Child Welfare.** A study of the philosophy, standards, and methods of our existing and emerging child care programs. Emphasis on adoptions, foster care, institutional care, protection services, and day care. Prerequisite: Social Work 233 and 234 (or 240); permission of the instructor. Second semester; 3 credits. The Staff.

**Social Work 339. Junior Field Instruction in Social Work.** Throughout the semester, a directed field experience in selected social welfare agencies for 120 hours. Practical experience will be supplemented by 8-10 weekly seminars with the college instructional staff. Prerequisite: Social Work 233, 240 or 234. First and second semesters; 4 credits. The Staff.

**Social Work 350 (Economics 350). The Economics of Welfare.** An economic analysis of poverty, unemployment and the problems of education and housing for low-income families together with a critical examination of the economics of medicare, social security, urban renewal and other government welfare programs. Offered first semester; 3 periods a week; 3 credits. Mr. Coleberd.

#### Senior Professional Semester

**Social Work 400. Field Instruction.** Educationally directed student learning in selected settings. Students learn by participating in the delivery of social services to individuals, small groups, families, organizations, and/or communities. At least thirty hours per week in agency for ten weeks. Prerequisite: Social Work 233, 240 (or 234), and 330. First and second semesters; 10 credits. The Staff.

**Social Work 401. Integrative Seminar.** A two-weeks seminar immediately following Senior Field Instruction providing for integration of practice with classroom theory. 15 hours per week for 2 weeks; 2 credits. The Staff.

**Social Work 402. Social Work Research and Application.** An individualized unit of study in which the student is exposed to the methods of integrating research findings in the discipline into the job task performance. Total of 30 hours during the six-weeks period following Senior Field Instruction; 2 credits. Mr. Stonikinis.

**Social Work 403. Social Pathologies and Social Work.** Social Pathologies are examined as both an individual and social problem and their impact on family and community is reviewed. Human problems in the areas of venereal disease, migration, alcoholism, mental illness, and suicide are some of the topics of inquiry. 15 hours; 1 credit. The Staff.

**Social Work 404. The Black Experience.** Examination of the "Black Perspective" of social structure in the United States and an overview of Black adaptive techniques, political realities, and psycho-social complications. 15 hours; 1 credit. The Staff.

**Social Work 405. Working with Special Populations.** A consideration of what constitutes "special" populations and techniques of service delivery. Emphasis is on under-



standing the unique nature of urban and rural social work methods and working with low-income families. 15 hours; 1 credit. The Staff.

**Social Work 406. Aging and Society.** An introduction to the personal, social and economic factors of aging with an emphasis on perceiving the elderly as a minority group. Theories of the aging process will be utilized in conjunction with casework techniques. 15 hours; 1 credit. Mr. Stonikinis.

**Social Work 407. Law and the Social Worker.** Seminar on law as a resource in social work practice, with emphasis on the areas where the two professions frequently meet — such as public welfare, juvenile court, family law, adoptions, etc. Examines attitudes of law and social work toward each other. 15 hours; 1 credit. Instructor to be announced.

### Methodology

**Social Science 400. Teaching History and the Social Sciences in the Secondary School.** Offered second semester; 3 periods a week; 3 credits. Mr. Burke. (This course is recommended as an elective for all students majoring in history or the social sciences.)

### For Graduates and Advanced Undergraduates

NOTE: Juniors and seniors may enroll in a 500-level course for undergraduate credit by obtaining the prior approval of the instructor.

**History 535. (Government 535) Constitutional History of the United States.** 3 credits. The Staff.

**History 536. Seminar in Virginia History.** 3 credits. The Staff.

**History 541. French Revolution and Napoleon.** 3 credits. The Staff.

**History 543. The First British Empire.** 3 credits. The Staff.

**History 544. Seminar in Soviet History.** 3 credits. The Staff.

**History 561. The American Colonies.** 3 credits. The Staff.

**History 562. The Age of Jefferson.** 3 credits. The Staff.

**History 563. The Age of Jackson.** 3 credits. The Staff.

**History 564. Civil War and Reconstruction.** 3 credits. The Staff.

**History 565. Modern America.** 3 credits. The Staff.

**History 590, 591. History Seminar.** 3 credits each semester. The Staff.

## DEPARTMENT OF HOME ECONOMICS

Nell H. Griffin, Chairman

Miss Blankenberger, Mrs. Fleenor, Mrs. Osborn, Miss Raburn\*

The Department of Home Economics offers students the opportunity to choose from three plans of study according to their major interest and plans for the future.

\*on leave 1974-75

The Bachelor of Science Degree with an option in Home Economics Education fulfills the requirements for the Virginia Collegiate Professional Certificate for teaching Vocational Consumer and Homemaking Education.

The Bachelor of Science Degree with an option in Clothing and Textiles or an option in Food and Nutrition qualifies students for positions as Home Economists in Business.

Course requirements for each option are given on page 156 :

Home Economics 101. **Family Development.** The continuing development of inter-personal relationships of family members throughout the life cycle. First and second semesters; 3 periods a week; 3 credits. Mrs. Griffin.

Home Economics 127. **Clothing Selection and Construction.** Study of the aesthetic, economic, and socio-psychological factors involved in the selection of clothing for the individual. Construction of one garment emphasizing total personal appearance. Development of basic skills in clothing construction. For majors. 1 single and 2 double periods a week; 3 credits. The Staff.

Home Economics 128. **Textiles.** A study of natural and man-made fibers for home and personal end uses, emphasizing fiber properties, fabric construction and finishes. Laws and standards influencing the textile industry, garment industry and the consumer are analyzed. 3 periods a week; 3 credits. The Staff.

Home Economics 133. **Principles of Food Preparation.** Application of principles in the use and preparation of selected food products. For majors only. 1 single and 2 double periods a week; 3 credits. Mrs. Fleenor.

Home Economics 134. **Meal Management.** Experience in planning and buying foods for family meals and special functions, within different economic levels. Prerequisite: Home Economics 133. 1 single and 2 double periods a week; 3 credits. Mrs. Fleenor.

Home Economics 222. **Family Clothing Needs.** A study of the factors involved in the selection of family clothing in accordance with the stages of the family life cycle. Construction of garments for family members with emphasis on fabric choice, garment design and fitting. Prerequisite: Home Economics 127, 128. 1 single and 2 double periods a week; 3 credits. Staff.

Home Economics 235. **Nutrition.** Nutritive values of foods and metabolism and essential nutrients, application of principles of nutrition to the requirements of normal individuals. (Open to non-majors with permission of instructor.) 3 periods a week; 3 credits. Mrs. Fleenor.

Home Economics 242. **Home Equipment.** Principles involved in the selection, construction, operation, and care of household equipment. Second semester; 2 single and 1 double periods a week; 3 credits. Miss Blankenberger.

Home Economics 243. **Consumer Finance.** A study of consumer rights and responsibilities, consumer legislation, fundamentals of buymanship, and principles of finance relevant to the contemporary consumer. Prerequisite: Economics 202 or permission of instructor. 3 periods a week; 3 credits. Miss Blankenberger.

Home Economics 300, 301. **New Trends in Homemaking: Foods, Clothing.** Home Economics 300: Furnishing the new kitchen, preparation of family meals. Home Economics 301: Selection and care of family clothing and home furnishings, construction of simple garments. (Open to students not majoring in Home Economics.) 1 single and 2 double periods a week; 3 credits each semester. Mrs. Fleenor.

Home Economics 304. (Dramatic Arts 304) **History of Costume.** A lecture course dealing with the history of costume. Special attention will be given to the



requirements of costuming for the stage. (Open to students not majoring in Home Economics.) 3 periods a week; 3 credits. The Staff.

Home Economics 306. **Child Development.** A study of all aspects of a child's growth and development from conception through adolescence with attention to the role of parents and teachers in this process. Observation and participation in the Child Development Laboratory are required. Prerequisite: Home Economics 101 or Psychology 133 or 240. Second semester; 3 single and 1 double periods a week; 4 credits. Mrs. Osborn.

Home Economics 323. **Fashion Apparel Fundamentals.** A study of the fashion industry in the United States and abroad emphasizing the interaction of economic patterns of clothing production, distribution and marketing. In depth analyzation of fashion movement. 3 periods a week; 3 credits. The Staff

Home Economics 324. **Advanced Textiles.** Scientific testing of selected performance properties of textile products, including wearing apparel and household textiles. Prerequisite: Home Economics 128. 1 single and 2 double periods a week; 3 credits. The Staff.

Home Economics 325. **Creative Pattern Revision and Construction.** The understanding of the principles of flat pattern design. Experience in varying style features of commercial patterns. Intensive use of fitting and construction techniques in many types of clothing. Prerequisite: Home Economics 127, 128 and/or permission of the instructor. 1 single and 2 double periods a week; 3 credits. The Staff.

Home Economics 347. **Housing.** A study of housing standards; aesthetic, economic, and social factors influencing housing. 2 single and 1 double periods a week; 3 credits. Miss Blankenberger.

Home Economics 348. **Inside Today's Home.** The aesthetic and economic factors influencing the design of room interiors and the selection of furnishings for the home. Background in art principles, textiles, and housing helpful. 2 single and 1 double period a week; 3 credits. The Staff.

Home Economics 356, 357. **Teaching of Vocational Home Economics.** First semester: General principles of teaching applied to instruction, organization of subject matter, lesson planning, preparation of various teaching units, and attention given to both methodology and materials for vocational home economics programs in secondary schools. Second semester: The responsibilities and activities of the Home Economics teacher in the total school and community program, organization and management of the classroom, observation and participation in various home economics related programs. Home Economics 356 is a prerequisite for 357. 3 periods a week; 3 credits each semester. The Staff.

Home Economics 424. **Tailoring.** A study of tailoring methods as applied to coats and suits. Construction of tailored garments. Prerequisite: Home Economics 127, 128 and/or permission of instructor. 1 single and 2 double periods a week. 3 credits. The Staff.

Home Economics 430. **Experimental Foods.** Experimentation in factors affecting food preparation. Comparative studies of published experimental data. Prerequisite: Home Economics 133, 134. 2 single and 1 double periods a week; 3 credits. Mrs. Fleenor.

Home Economics 431. **Quantity Food Service.** Experience in quantity meal service including menu planning, work planning and food preparation. Consideration is given to the equipment, storage, facilities and safety controls necessary for efficient institutional food service. Prerequisite: Home Economics 134. 2 single and 1 four-hour period a week; 4 credits. Mrs. Fleenor.

**Home Economics 432. Presentation Techniques.** Selection and use of appropriate aids and the organization of materials for demonstrations and other presentations in home economics subject matter areas. 1 single and 2 double periods a week; 3 credits. Mrs. Fleenor.

**Home Economics 433. Community Nutrition.** A study of current problems, food misinformation, food habits and population groups and community programs designed to help solve these problems. (Open to non-majors with permission of instructor). 3 periods a week; 3 credits. Mrs. Fleenor.

**Home Economics 441. Home Management Residence.** Application and integration of management principles to family living and operation of a household. Prerequisites: Home Economics 134 and 242. Must have completed a minimum of 75 semester hours in college. 4 hours credit. Miss Blankenberger.

**Home Economics 442. Management of the Home.** Theory of management processes in relation to decision-making, personal and family values, and the specific resources of families. To be taken parallel with Home Economics 441. 2 single periods a week; 2 credits. Miss Blankenberger.

**Home Economics 457. Seminar in Home Economics.** Selected study of the role of the Home Economist in the world of today. Emphasis will be given to subject matter appropriate for work with disadvantaged people through organized school programs and adult groups. Offered each semester; 2 credits. Mrs. Griffin.

**Home Economics 465. Directed Study in Home Economics.** For students qualified to pursue directed individual study in a specialized area of home economics. Approval of the chairman of the department is required. Offered on demand. 2-4 credits. The Staff.

#### For Graduates and Advanced Undergraduates

**Home Economics 510. The Modern Family.** A study of modern family life. Emphasis is placed on the development stages in the life cycle of families. 3 credits. Mrs. Griffin.

**Home Economics 520. Advanced Tailoring.** A comparison of custom tailoring and trade methods used in making suits, coats, and costumes. Construction of tailored garments. Permission of instructor required. 3 credits. The Staff.

**Home Economics 522. Garment Structure.** Principles of flat pattern and draping as means of shaping fabric to the human figure. Construction projects testing the patterns and draping experiments; one construction project to include tailoring techniques. Prerequisite: Home Economics 325 and/or permission of instructor. 1 single and 2 double periods a week; 3 credits. The Staff.

**Home Economics 523. Concepts of New Fashion Structures and Designs.** Concepts and principles of garment structures and designs using recently developed fabrics and finishes. 2 credits. The Staff.

**Home Economics 545. Management in Family Living.** Management principles involving the analyzing and solving of managerial responsibilities in family living. 3 credits. Mrs. Griffin.

**Home Economics 550. Program Planning for Home Economics Education.** Planning the home economics curriculum to meet the changing conditions of present day family living; adjusting programs of work to various community groups. 3 credits. Mrs. Griffin.



## DEPARTMENT OF LIBRARY SCIENCE

Martha H. LeStourgeon, **Chairman**

Miss Adams, Miss Davi, Mrs. Laine, Miss Waite

The Department of Library Science offers students the opportunity to qualify for state certification as school librarians. Eighteen semester hours are required; this requirement does not include 3 semester hours of directed school library service. School library service is described in the course description given under Education 405, and will consist of five weeks of practice teaching in the student's major field and five weeks of library service. The courses in Library Science are as follows, and as the course numbers indicate are to be taken during the junior or senior years.

**Library Science 280. (English 280) Children's Literature.** Survey of children's literature; evaluation of children's books; study of uses of poetry and prose in the elementary classroom. **NOTE:** This course will not contribute toward the English requirement in General Education. 3 periods a week; 3 credits.

**Library Science 281. (English 281) Literature for Young Adults.** A course designed to assist students preparing to teach in the secondary schools in the selection and evaluation of books for this age level, including adult books and classics. **NOTE:** This course will not contribute toward the English requirement in General Education. 3 periods a week; 3 credits.

**Library Science 300. Administration of Libraries.** Includes a consideration of philosophy and standards for school libraries; the cooperative relationship among school officials, teachers, and librarians; the library as a reading and information center; the physical equipment and quarters and techniques essential in the selection, acquiring, processing, and servicing of books and other library materials. 3 periods a week; 3 credits.

**Library Science 301. Media Selection.** The evaluation and selection of library materials; including a study of the needs of young people. 3 periods a week; 3 credits.

**Library Science 347. Audio-Visual Education.** The improvement of instruction through the use of audio-visual equipment, techniques and materials. 3 periods a week; 3 credits.

**Library Science 400. Library Reference Materials.** Study and evaluation of reference materials, emphasizing those used in school libraries. 3 periods a week; 3 credits.

**Library Science 401. Organization of Materials.** (Cataloguing and Classification) Library procedures and techniques in the processing and servicing of books and other school library materials. 3 periods a week; 3 credits.

## DEPARTMENT OF MATHEMATICS

Merry Lewis Allen, **Chairman**

Mrs. Bollinger, Miss Glass, Mr. Gussett, Mr. Kidder,  
Mrs. Magnifico, Mr. Noone, Mrs. Parrish,  
Miss Reid, Mr. Webber, Mr. Wu

The Department of Mathematics offers courses designed for (1) those students who plan to teach in the elementary and secondary schools of the

State and (2) those students who plan to work in business, industry, government service or other fields.

The minimum requirements for a mathematics major are Mathematics 261, 262, 342, 343, 361, 471 and 12 semester hours from elective courses numbered 200 or above. These elective courses may not include 323, 451 or 523. They may, however, include computer science or applied mathematics courses offered at Hampden-Sydney College. The minimum requirements for a mathematics major for those who are planning to teach in high school are the courses listed above and Mathematics 235, 236, 451 and six semester hours of elective courses. A student with a strong background in mathematics may, with the consent of her advisor, begin her mathematics study with pre-calculus (164) or with analytic geometry and the calculus (261). Other freshmen should take Mathematics 161, 162 to prepare for a major in mathematics.

It is recommended that students majoring in fields other than mathematics who wish to earn the sixteen semester hours of mathematics required for certification to teach pre-algebra mathematics courses (eighth- and ninth-grade arithmetic, consumer mathematics and basic mathematics) take a core program of Mathematics 123, 124, Mathematics 114 and Mathematics 323 and elect four semester hours from the offerings of the department.

The general education requirement in mathematics will be met as follows: (1) elementary education majors must take Mathematics 123, 124; (2) mathematics and science majors must take Mathematics 161, 162, Mathematics 164, 261 or Mathematics 261, 262; (3) students in all other curricula may take Mathematics 161 and one of the 162, 261, 113 and 114, or Mathematics 111 and one of 112, 113, 114 or 164.

Credit will not be given for both the Mathematics 111 sequence and Mathematics 161, 162.

**Mathematics 111. Introduction to Mathematics (I).** A survey of mathematical systems with emphasis on the logical development of the number system. Throughout the course stress is placed on mathematical thinking and decision making. This course is recommended for the non-mathematically oriented student. Both semesters; 3 periods a week; 3 credits. The Staff.

**Mathematics 112. Introduction to Mathematics (II).** A continuation of Mathematics 111 with an introduction to various branches of mathematics and their applications. Both semesters; 3 periods a week; 3 credits. The Staff.

**Mathematics 113. Elementary Statistics.** An introduction to basic procedures for presenting, testing, and interpreting statistical data. Topics include measures of central tendency and variability; elementary probability; the binomial, normal and chi-square distributions; correlation and prediction; and hypothesis testing. Second semester; 3 periods a week; 3 credits. The Staff.

**Mathematics 114. Mathematics for the Consumer.** An introductory course designed to acquaint the student with the applications of mathematics in the life of the consumer. Special attention will be given to the algebraic derivation of formulas, the reduction of real life situations to mathematical models, and the mathematics employed in banking, budgeting, credit, taxes, insurance, installment buying, annuities, stocks, bonds and mortgages. Second semester; 3 periods a week; 3 credits. The Staff.

**Mathematics 123, 124. Basic Concepts of Mathematics.** Basic concepts underlying contemporary arithmetic; emphasis on meaning and understanding; the logic of



mathematics; language of sets and relations as applied to structure of number systems; mathematics proofs; fundamental concepts of algebra; percentage; analysis and solution of verbal problems; and graphing of equations and inequalities. Credit will not be given in this course toward the mathematics major. First and second semesters; 3 periods a week; 3 credits each semester. Required for the B.S. degree in Elementary Education. The Staff.

**Mathematics 161, 162. Fundamentals of College Mathematics.** A unified treatment of the basic ideas of contemporary algebra, trigonometry, and analytics. The aim of this course is to show the nature of mathematics as a logical system. The material is fundamental to any student's training whether he wishes to continue in mathematics, the natural sciences, and engineering, or whether his interests lie in the social sciences or economics. First and second semesters; 3 periods a week; 3 credits each semester. The Staff.

**Mathematics 164. Pre-Calculus.** Designed for the exceptional student who wishes Mathematics 261 second semester. Offered first semester; 3 periods a week; 3 credits. Prerequisite: permission of instructor. Mr. Webber.

**Mathematics 204. Computer Science.** This is an introductory course in computer science including machine language and techniques of programming in the Fortran language with application. (Offered at Hampden-Sydney College.) Prerequisite: Mathematics 161, 162. 3 credits.

**Mathematics 235, 236. Advanced Geometry.** Concepts of elementary geometry from a mature viewpoint. Emphasis is placed on contemporary ideas and language. Mathematical logic is stressed including consistency, independence, and categoricity of postulational systems. Topics from Non-Euclidean geometry are included. The relation of geometry to the algebra of the real number system is emphasized. First and second semesters; 3 periods a week; 3 credits each semester. Mr. Kidder, Mrs. Parrish.

**Mathematics 261, 262. The Differential and Integral Calculus.** Prerequisite for Mathematics 261: Mathematics 162 or equivalent. Prerequisite for Mathematics 262: Successful completion of Mathematics 261. Students who do not make a "C" or better in Mathematics 261 should have the consent of the chairman before enrolling in Mathematics 262. First and second semesters; 5 periods a week; 5 credits each semester. The Staff.

**Mathematics 323. Mathematics for Elementary Teachers.** Basic concepts of mathematics will be continued with a study of elementary geometry from an intuitive approach. Considerable attention will be given to materials and procedures in teaching mathematics in both the primary and the upper elementary school. Required for the B.S. Degree in Elementary Education. Mathematics 123, 124 is strongly recommended prior to taking this course. Credit will not be given in this course toward the mathematics major. Offered each semester; 3 periods a week; 3 credits. Mr. Kidder, Mrs. Magnifico, Mrs. Parrish.

**Mathematics 342. Introduction to Modern Algebra.** Sets and mappings, integers, general algebraic systems, groups, rings, and fields. Prerequisite: Mathematics 262. First and second semesters; 3 periods a week; 3 credits. Miss Reid.

**Mathematics 343. Linear Algebra.** A basic study of vector spaces, linear transformations, and their relationships to matrix algebra. Also included are determinants, isomorphism theorems, linear functionals, and dual spaces. Prerequisite: Mathematics 262 and 342 or consent of the department chairman. First and second semesters; 3 periods a week; 3 credits. Mrs. Bollinger, Mr. Webber.

**Mathematics 345. Number Theory.** An introductory course in additive and multiplicative number theory. Included are topics such as: divisibility, prime numbers, con-

gruences, residue systems, linear and quadratic congruences, Diophantin equations, quadratic residues, and number theoretic functions. Prerequisite: Mathematics 342. Second semester; 3 periods a week; 3 credits. Miss Glass.

**Mathematics 351. Introduction to Topology.** Topological spaces, continuous mappings, homeomorphisms, compactness, connectedness, metric spaces, and other selected topics in point set topology. First semester; 3 periods a week; 3 credits. Mr. Noone.

**Mathematics 361. Calculus III.** Advanced topics in calculus not considered in Mathematics 261, 262. Prerequisite: Mathematics 262. Students who do not make a "C" or better in Mathematics 262 should have the consent of the chairman before enrolling in Mathematics 361. Both semesters; 3 periods a week; 3 credits. Mr. Webber.

**Mathematics 442. Topics in Algebra.** Prerequisite: Mathematics 342, 343. Offered on demand; 3 periods a week; 3 credits. Miss Reid.

**Mathematics 451. The Teaching of High School Mathematics.** Offered first semester; 3 periods a week; 3 credits. Mrs. Magnifico.

**Mathematics 460. Differential Equations.** Primarily a study of ordinary differential equations of the first and second order with application to elementary work in mechanics and physics. Both semesters; 3 periods a week; 3 credits. Miss Allen.

**Mathematics 461. Advanced Calculus.** A theoretical approach to the study of limits, continuity, differentials, derivatives and integrals. Development of the real number system, elementary point set theory, functions of several variables, infinite series, and power series. Prerequisite: Mathematics 361. Second semester; 3 periods a week; 3 credits. Mr. Webber.

**Mathematics 471, 472. Introduction to Probability and Statistics.** Prerequisite: Mathematics 261, 262. Mathematics 471 offered both semesters. Mathematics 472 offered on demand. 3 periods a week; 3 credits each semester. Mr. Wu.

**Mathematics 485. Introduction to Analysis.** Prerequisite: Consent of instructor. Offered on demand. 3 periods a week; 3 credits. Miss Allen.

## DEPARTMENT OF MUSIC

James E. McCray, **Chairman**

Mr. Blasch, Miss Boehm, Mr. Harbaum, Mr. Hesselink,  
Mr. Jones, Mr. McCombs, Mr. Molnar, Miss Myers, Mrs. Zahrt

The aims of the Department of Music are to emphasize the cultural, intellectual, emotional, and social values of music; to broaden the concept of music in life and in the schools; to prepare elementary teachers to teach music in their respective grades; to prepare supervisors and special teachers of vocal and instrumental music in elementary and high schools; to prepare church choir directors; to help students attain an artistic proficiency on their instruments and in the use of the singing voice; and to develop an understanding and an appreciation of the best music through participation in instrumental and vocal ensembles and through directed listening to the world's great music literature.

The required music courses for the Bachelor of Music Education degree are Music 115, 116, Music 117, 118, Music 215, 216, Music 217, 218, Music



227, 228, and Music 327; Music 343, 344 or Music 343, 348; Music 431, 432; twenty-four hours in applied music distributed as follows: fourteen hours in concentration, four in proficiency, and six in instrumental classes; two hours in music literature in the concentration area.

The required music courses for a major in the Bachelor of Arts program are Music 115, 116, Music 117, 118, Music 127, 128, Music 215, 216, Music 217, 218, Music 227, 228 and Music 327; Music 431, 432; twelve hours in applied concentration and a minimum of six elective hours approved by the department chairman.

Each music major must participate in an ensemble each semester.

The amount of credit in applied music that may be transferred from other institutions will be determined through evaluation of the student's ability by the Department of Music.

### Theory

**Music 111. Basic Musicianship.** An introductory course in music reading through singing and the use of melodic instruments, for the non-music major. Offered first semester; 2 periods a week; 1 credit. The Staff.

**Music 115, 116. Theory of Music.** Theory; harmony, written and keyboard; part writing. First and second semesters; 2 periods a week; 2 credits each semester. Mr. Jones.

**Music 117, 118. Sightsinging and Dictation.** Ear training through sightsinging and dictation. First and second semesters; 2 periods a week; 1 credit each semester. Mr. Jones.

**Music 127, 128. The Literature of Music.** A survey of music literature from the major periods of musical composition. First and second semesters; 1 period a week; 1 credit. Mr. Molnar.

**Music 215, 216. Theory of Music.** A continuation of 115, 116 which is prerequisite. First and second semesters; 2 periods a week; 2 credits. Mr. Jones.

**Music 217, 218. Sightsinging and Dictation.** A continuation of 117, 118 which is prerequisite. First and second semesters; 2 periods a week; 1 credit. Mr. Jones.

**Music 227, 228. Literature Of Music.** A continuation of 127, 128 which is prerequisite. First and second semesters; 1 period a week; 1 credit. Mr. Harbaum.

**Music 315, 316. Conducting.** Technique of the baton; score reading; rehearsal procedures. First and second semesters; 2 periods a week; 1 credit each semester. Mr. McCray, Mr. Molnar.

**Music 327. Form and Analysis.** Harmonic and formal analysis of compositions of each period. Prerequisite: Music 215, 218, 228. Offered first semester; 3 periods a week; 3 credits. The Staff.

**Music 413. Counterpoint.** Strict and free counterpoint; motivic development; invertible counterpoint. Prerequisite: Music 216, 218, 228. Offered on demand; 2 periods a week; 2 credits. The Staff.

### Appreciation, History, and Literature

**\*Music 121, 122. Guided Listening.** Compositions selected for their relationship to literature. First and second semesters; 2 periods a week; 1 credit each semester. Miss Boehm.

- \*Music 123. **The Appreciation of Music.** Study for the understanding of the forms, styles, and periods of the music usually heard in performance. Offered both semesters; 3 periods a week; 3 credits. Mr. Harbaum, Mr. Molnar.
- \*Music 125, 126. **Music in Western Culture.** Survey of the major periods of music with examples of the compositions of principal composers in each period; the relation of music to other aspects of history and the culture of western civilization. First and second semesters; 3 periods a week; 3 credits each semester. Mr. Harbaum.
- \*Music 223, 224. **Concert Hour.** Directed listening to selected masterpieces of music, biographical study of the composers. First and second semesters; 2 periods a week; 2 credits each semester. The Staff.
- \*Music 231. **Music From the Renaissance and Baroque Periods.** Study of the forms, styles, and trends of the music from the Renaissance and Baroque Periods, biography. Offered 1974-75; first semester; 3 periods a week; 3 credits. Mr. Harbaum.
- \*Music 232. **Music from the Classic and Romantic Periods.** Study of the forms, styles, and trends of the music from the Classic and Romantic Periods, biography. Offered 1974-75; second semester; 3 periods a week; 3 credits. Mr. Harbaum.
- \*Music 233. **Music of the Twentieth Century.** Study of the forms, styles, and trends of the music of the twentieth century, biography. Offered alternate years; first semester; 3 periods a week; 3 credits. Mr. Blasch.
- \*Music 234. **Music From the Theater.** Study of opera, operetta, incidental music. Offered 1974-75. Second semester; 3 periods a week; 3 credits. Mr. Molnar.
- \*Music 235. **Music From the Church.** Study of the development of music in the church from Gregorian chant to the present. Offered 1974-75; first semester; 3 periods a week; 3 credits. Mr. Hesselink.
- \*Music 331, 332. **Survey of Music Literature.** A survey of music literature. Directed listening with the use of available scores; analysis of significant compositions from the major periods of musical development. First and second semesters; 3 periods a week; 3 credits each semester. Mr. Molnar.
- Music 431, 432. **History of Music.** The history of music of western civilization, with examples. Open to non-music majors only with permission of the instructor. First and second semesters; 3 periods a week; 3 credits each semester. Mr. Harbaum.
- Music 434. **Organ Literature.** A study of the literature of the organ through performance and listening. Required of organ concentrators. Alternate years; offered first semester; 2 periods a week; 2 credits. Mr. Hesselink.
- Music 435. **Piano Literature.** A study of the literature of the piano-forte through performance and listening. Required of piano concentrators. Alternate years; offered first semester; 2 periods a week; 2 credits. Mr. Blasch.
- Music 436. **Voice Literature and Pedagogy.** A study of the literature and the teaching of voice; principles of voice teaching and laboratory work with beginning voice students. Required of voice concentrators. Offered alternate years; first semester; 2 periods a week; 2 credits. Mr. McCombs.

#### Music Education

- Music 242. **Music for Elementary Teachers.** Music for students preparing to teach in the elementary grades. Fundamentals of music, both theoretical and practical, through the use of electronic keyboards; singing, conducting; use of the autoharp. Music



literature through listening and reading. Offered each semester; 3 periods a week; 3 credits. Miss Myers, Mrs. Zahrt.

**Music 342. Music in the Elementary School.** Kindergarten through upper grades. Study of the goals and philosophy of education through music in the elementary school; techniques and approaches implementing the experiences needed in a developmental program of classroom music; practice in planning and implementing the program. Prerequisite: Music 242. Both semesters; 3 periods a week; 3 credits. Miss Boehm, Mrs. Zahrt.

**Music 343. Music Teaching and Supervision in the Elementary School.** Music activities in the five-fold program from early childhood through the middle and upper elementary school levels; materials and procedures. Open only to music education majors and others with the consent of the department chairman. First semester; 3 periods a week; 3 credits. Miss Boehm.

**Music 344. Music in the School, Secondary Level.** Philosophy, procedures, materials; emphasis on the musical activities of the five-fold program; adaption of the program to the community. Open only to music education majors and others with the consent of the department chairman. First semester; 2 periods a week; 2 credits. Miss Boehm.

**Music 347, 348. Instrumental Music in the Schools.** Study of all the band and orchestral instruments; embouchure and technical development; rehearsal techniques; fundamentals of marching; materials. First and second semesters; 3 periods a week; 3 credits. Mr. Harbaum.

**Music 445. Teaching Piano.** Techniques and materials of teaching piano individually and in groups; observation and teaching of demonstration groups. First semester; 2 periods a week; 2 credits. Mr. Blasch.

### Applied Music

Opportunity is offered all students of the College for cultural development through the study of the piano, harpsichord, organ, voice, guitar, or orchestral or band instruments, either through private instruction or in small classes. Students may enter at any stage of advancement. Students majoring in music must attain minimum standards of performance proficiencies, as determined by the department, at the end of their sophomore year.

**Music 169, 170; 269, 270; 369, 370; 469, 470. Group Piano.** Piano for non-music majors. Study of piano composition techniques, sightreading, and theory. Class taught in electronic piano lab. First and second semesters; 2 periods a week; 2 credits. Mr. Blasch.

Applied music, elective, class. One hour small class instruction each week. 1 credit each semester.

**Music 151, 152; 251, 252; 351, 352; 451; 452. Organ**

**Music 171, 172; 271, 272; 371, 372; 471, 472. Strings.**

**Music 181, 182; 281, 282; 381, 382; 481, 482. Voice.**

**Music 191, 192; 291, 292; 391, 392; 491, 492. Woodwinds.**

**Music 167, 168; 267, 268; 367, 368; 467, 468. Brass.**

Applied music, elective, individual. One half-hour individual lesson or equivalent each week; 1 credit each semester.



Music 153, 154; 253, 254; 353, 354, 453, 454. Organ.  
 Music 157, 158; 257, 258; 357, 358; 457, 458. Harpsichord.  
 Music 163, 164; 263, 264; 363, 364; 463, 464. Piano.  
 Music 173, 174; 273, 274; 373, 374; 473, 474. Strings.  
 Music 183, 184; 283, 284; 383, 384; 483, 484. Voice.  
 Music 193, 194; 293, 294; 393, 394; 493, 494. Woodwinds.  
 Music 177, 178; 277, 278; 377, 378; 477, 478. Brass.

Applied music, concentration. One half-hour individual lesson, one hour group instruction (or equivalent) plus related studio classes and recitals. 2 credits each semester.

Music 155, 156; 255, 256; 355, 356; 455, 456. Organ  
 Music 159, 160; 259, 260; 359, 360; 459, 460. Harpsichord.  
 Music 165, 166; 265, 266, 365, 366; 465, 466. Piano.  
 Music 175, 176; 275, 276; 375, 376; 475, 476. Strings.  
 Music 185, 186; 285, 286; 385, 386; 485, 486. Voice.  
 Music 195, 196; 295, 296; 395, 396; 495, 496. Woodwinds.  
 Music 187, 188; 287, 288; 387, 388; 487, 488. Brass.

### **Ensembles**

Ensembles are open to all students who sing or play an orchestra or band instrument. The following require an audition with the conductor: Concert Choir, Madrigal Singers, and instrumental ensembles. Formal programs are presented on and off the campus.

Ensembles meet twice weekly, and offer one credit each semester. Ensembles may be participated in without credit.

Music 100; 200; 300; 400. Concert Choir, no credit.  
 Music 101; 201; 301; 401. Madrigal Singers, no credit.  
 Music 102; 202; 302; 402. Instrumental Ensemble, no credit.  
 Music 105, 106; 205, 206; 305, 306; 405, 406. Concert Choir, credit.  
 Music 107, 108; 207, 208; 307, 308; 407, 408. Madrigal Singers, credit.  
 Music 109, 110; 209, 210; 309, 310; 409, 410. Instrumental Ensemble, credit.

### **Graduate Offerings in Music**

For Graduate and Advanced Undergraduates

Music 521. **Symphonic Literature.**

Music 531. **Music for Children.**

Music 542. **Music for Early Childhood.**

Music 532. **Music in the High School.**

## DEPARTMENT OF NATURAL SCIENCES

Marvin W. Scott, **Chairman**

Mr. Austin, Mr. Batts, Mr. Bissell, Mrs. Breil, Mr. Breil, Mr. Curley, Mr. Ely, Mr. Fawcett, Mr. Hardy, Mr. Harvill, Mr. Heinemann, Miss Holman, Mrs. Jackson, Mr. Kirchgessner, Mr. Lane, Mr. Law, Mr. Lehman, Mr. Meshejian, Mrs. McCombs, Mr. Thomas, Mr. Tinnell, Miss Wells

The general education requirement of 8 semester hours in Natural Sciences may be fulfilled by the introductory courses from two of the following areas: astronomy, biology, chemistry, geology, physics, and physical science.

The department offers courses leading to a major in biology, chemistry, physics, earth science, general science, and courses which meet the requirements in the medically oriented pre-professional programs. The requirements for a major in these disciplines are given below under the appropriate heading. The student should consult the current schedule of courses which are to be offered, especially for those offered in alternate years or on the basis of sufficient demand.

Qualified majors are encouraged to enroll in the tutorial courses: Special Projects in Natural Sciences, Directed Individual Study, or a program of honors study.

The staff of the department considers the practice of proficient written and spoken English to be an integral part of a major's education. The College policy on English proficiency is followed by the staff of the department. In addition, a major in biology, chemistry, earth science or general science is required to pass a written English proficiency test prepared and evaluated by the staff of the department. The test is given each semester during the second week of October and February. Majors are encouraged to take the test during their junior year. A student who does not pass the test should discuss the results with the departmental chairman to determine an appropriate way for correcting deficiencies in English communication skills.

Majors intending to pursue graduate study should consult with appropriate staff members for help in planning their undergraduate programs in such a way to best satisfy the admission requirement of graduate schools.

**Biology**

A major requires 34 hours in biology. The program must include general botany (Biology 102) and general zoology (Biology 103) and a course in morphology (Biology 201 or 202), genetics (Biology 303), physiology (Biology 305 or 306), ecology (Biology 300 or 302), and biological seminar (Biology 490), to provide a broad background in the biological sciences. Additional requirements for a major include Chemistry 101, Chemistry 102 or 205, Physics 101, and Mathematics 161 and 162, or 261 and 262, or 164 and 261. For students planning to attend graduate school — Chemistry 102, Physics 102, and organic chemistry (Chemistry 205 and 206) are recommended.

\***Biology 101. Biological Concepts.** An inquiry into the nature and common features of life. Offered each semester. 3 single periods and 1 double period a week; 4 credits. The Staff.

**Biology 102. General Botany.** The biology, life cycles, economics and ecology of

\*Recommended for General Education



representatives of the plant kingdom. Offered each semester. 3 single and 1 double period a week; 4 credits. The Staff.

**Biology 103. General Zoology.** The biology, life cycles, economics and ecology of representatives of the animal kingdom. Offered each semester. 3 single and 1 double periods a week; 4 credits. The Staff.

**Biology 201. Plant Morphology.** The comparative development and structure of tissues and organs in representative vascular plant groups. 3 single and 1 double period a week; 4 credits. Mr. Breil.

**Biology 202. Animal Morphology.** The comparative development and structure of tissues, organs, and organ systems in representative chordate groups. 2 single and 2 double periods a week; 4 credits. Mrs. Breil.

**Biology 204. Plant Taxonomy.** Collection, identification, and classification of plants. 2 single periods and 2 double periods a week; 4 credits. Mr. Breil or Mr. Harvill.

**Biology 206-207. Human Anatomy and Physiology.** Basic physiological principles and functional anatomy of the digestive, circulatory, respiratory, systems (Biology 206) and of the integumentary, skeletal, muscular, nervous, endocrine and urogenital systems (Biology 207). Offered each semester. 3 single and 1 double periods a week; 4 credits. Miss Holman.

**Biology 300. General Ecology.** The interrelationships of organisms with their environment. 3 single and 1 double periods a week; 4 credits. Mr. Batts.

**Biology 302. Plant Ecology.** Relationships of plants to their environments. 3 single and 1 double periods a week; 4 credits. Mr. Breil, Mr. Harvill.

**Biology 303. Genetics.** A study of the mechanisms of heredity. Offered each semester. 3 single and 1 double periods a week. Mr. Heinemann.

**Biology 304. Modern Genetics.** Modern concepts of the nature and function of genetic material. Offered alternate years. 3 single and 1 double periods a week; 4 credits. Mr. Ely.

**Biology 305. Plant Physiology.** Principles of cellular and tissue functions in plants. 3 single and 1 double periods a week. Mr. Lehman.

**Biology 306. Vertebrate Physiology.** Functions of animal organs and organ systems, with emphasis on human systems. 3 single and 1 double periods a week; 4 credits. Mr. Ely.

**Biology 307. Cytology and Cytogenetics.** Structural and functional aspects of cellular maintenance and heredity. 2 single and 2 double periods a week; 4 credits. Mr. Heinemann.

**Biology 308. Field Biology.** Collection, identification, and life histories of local flora and fauna. Offered alternate years. 1 single and 1 double periods a week; 2 credits. Mr. Batts.

**Biology 309. Microbiology.** Fundamentals of microbial growth and culture. Offered each semester. 2 single and 2 double periods a week; 4 credits. Mr. Tinnell.

**Biology 310. Evolution.** A study of the basic processes of and evidence for evolution. 3 single periods a week; 3 credits. Mr. Harvill.

**Biology 311. (Science 311). Oceanography.** An introduction to the geological, physical, chemical and biological aspects of the oceans. Offered 1973-74 and alternate years. 3 single and 1 double periods a week; 4 credits. Mr. Austin, Mr. Batts.



- Biology 312. (Chemistry 312) Biochemistry.** A study of the chemistry of proteins, carbohydrates, lipids, and nucleic acids in biological systems. Prerequisite: Chemistry 205 or permission of the instructor. 3 single periods a week; 3 credits or 4 (with laboratory) Mr. Tinnell.
- Biology 401. BSCS: Concepts and Methods.** Studies to acquaint students with high school biology courses designed by the Biological Sciences Curriculum Study Committee. Offered each semester. 3 single periods a week; 3 credits. Mr. Thomas.
- Biology 402. Plant Geography.** A study of the origins, migrations, and distribution of the flowering plants. Offered alternate years. 2 double periods a week; 2 credits. Mr. Harvill.
- Biology 403. Directed Individual Study.** Special problems for students capable of pursuing independent investigation under the direction of a staff member. Permission of the department chairman is prerequisite for enrollment in this course. Offered each semester. 2 credits. May be repeated as 404. The Staff.
- Biology 409. Bryophytes.** The morphology and taxonomy of mosses and liverworts with emphasis on field work. Offered alternate years. 1 single and 2 double periods a week; 3 credits. Mr. Breil.
- Biology 462. Special Projects in Biology.** See Science 462.
- Biology 490. Biological Seminar.** Selected topics in biology. May be repeated as 491, 492, etc. Offered each semester. 1 period a week. 1 credit. The Staff.

### Chemistry

The major requires 32 hours in chemistry. The advanced work must include courses in the areas of analytical, organic and physical chemistry. Physics 101, 102 and Mathematics 261, 262, or its equivalent are also required. Students majoring in chemistry should seek the advice of a member of the chemistry staff in planning programs of advanced courses.

- \***Chemistry 101. Introductory Chemistry I.** A study of the basic concepts of chemistry designed for one semester. Offered each semester; 3 single and 1 double periods a week; 4 credits. The Staff.
- Chemistry 102. Introductory Chemistry II.** Continuation of Chemistry 101. A study of the laws and principles of chemistry and qualitative analysis. 3 single and 1 double periods a week; 4 credits. The Staff.
- Chemistry 201. Analytical Chemistry.** The theory and practice of quantitative analysis by gravimetric, volumetric, and instrumental methods. 2 single and 2 double periods a week; 4 credits. Mr. Law.
- Chemistry 202. Analytical Chemistry.** A continuation of Chemistry 201. 2 single and 2 double periods a week; 4 credits. Mr. Law.
- Chemistry 205. Organic Chemistry.** Fundamental principles and reactions of organic chemistry. 3 single and 1 three-hour period a week; 4 credits. Mr. Bissell.
- Chemistry 206. Organic Chemistry.** A continuation of Chemistry 205. 3 single and 1 three-hour period a week; 4 credits. Mr. Bissell.
- Chemistry 301. Physical Chemistry.** Fundamental principles and problems associated with the properties of matter — its structure and interactions. Prerequisite or corequisite: Physics 101, 102, and Mathematics 261, 262. Offered alternate years. 3 single and 1 three-hour period a week; 4 credits. Mr. Bissell.

\*Recommended for General Education.

**Chemistry 302. Physical Chemistry.** A continuation of Chemistry 301. Prerequisite or corequisite: Physics 101, 102 and Mathematics 261, 262. Offered alternate years. 3 single and 1 three-hour period a week; 4 credits. Mr. Bissell.

**Chemistry 312. (Biology 312) Biochemistry.** A study of the chemistry of proteins, carbohydrates, lipids, and nucleic acids in biological systems. Prerequisite: Chemistry 205 or permission of the instructor. 3 single periods a week; 3 credits or 4 with laboratory. The Staff.

**Chemistry 420. Chemistry Seminar.** Reports and discussions of topics of interest in the field of chemistry. Open to qualified students. May be repeated for credit, in which event the number will be 421, 422, etc. Offered on sufficient demands. 1 credit. The Staff.

**Chemistry 432. Quantum Chemistry.** An introduction to the quantum theory and its applications to chemistry. Prerequisite: Chemistry 302. 3 single periods a week; 3 credits. Offered on sufficient demand. Mr. Bissell.

**Chemistry 435. Advanced Organic Laboratory.** Preparation, purification, and identification of organic compounds selected according to individual interests, with emphasis on modern techniques. Prerequisite: Chemistry 206. Offered on sufficient demand. 1 single and 2 three-hour periods a week; 3 credits. The Staff.

**Chemistry 460. Radioisotopes.** Properties of radionuclides, interaction of radiations with matter, radioactivity detection and measurements, isotope techniques and environmental aspects of nuclear radiation. Open to non-chemistry majors. Prerequisite: permission of the instructor. Offered on sufficient demand. 2 single and 1 double period a week; 3 credits. Mr. Law.

**Chemistry 472. Special Projects in Chemistry.** See Science 472.

### Physics

Physics 101 and 102 or 201 and 202 are prerequisite to all 300-level courses.

A major requires 32 hours in physics. In addition, Mathematics 261, 262, 361, and 460 are required. Students who wish to major in physics should plan their programs of advanced courses in physics and mathematics with the advice of a member of the physics staff.

**\*Physics 101. General Physics.** An introduction to the basic concepts of mechanics and heat. Offered each semester. 3 single and 1 double periods a week; 4 credits. The Staff.

**Physics 102. General Physics.** A study of sound, light, electricity and magnetism. Prerequisite: Physics 101. Offered each semester. 3 single and 1 double period a week; 4 credits. The Staff.

**Physics 201. University Physics.** Similar to Physics 101 but with the calculus used throughout. Prerequisite or corequisite: Mathematics 261, 262. Offered on sufficient demand. 3 single and 1 double period a week; 4 credits. Mr. Meshejian.

**Physics 202. University Physics.** Similar to Physics 102 but with the calculus used throughout. Prerequisite: Physics 201. Offered on sufficient demand. 3 single and 1 double period a week; 4 credits. Mr. Meshejian.

**Physics 321. Atomic and Nuclear Physics I.** A survey of modern developments in electron, atomic, and nuclear physics. Prerequisite or corequisite: Mathematics 261. Offered alternate years. 3 single and 1 three-hour periods a week; 4 credits. Mr. Fawcett.

\*Recommended for General Education.



**Physics 322. Atomic and Nuclear Physics II.** A continuation of Physics 321. Prerequisite or corequisite: Mathematics 261. Offered alternate years. 3 single and 1 three-hour period a week; 4 credits. Mr. Fawcett.

**Physics 324. Thermodynamics.** A study of thermal properties of matter; phenomena involved in flow of heat and performance of work. Kinetic theory and statistical mechanics are included. Prerequisite or corequisite: Mathematics 261. Offered alternate years and on sufficient demand. 3 single periods a week; 3 credits. The Staff.

**Physics 326. Light.** A study of the nature and behavior of light and other electro-magnetic radiation. Prerequisite or corequisite: Mathematics 261. Offered alternate years. 3 single and 1 three-hour periods a week; 4 credits. Mr. Meshejian.

**Physics 331. Intermediate Electricity and Magnetism.** A review of basic electricity and magnetism. AC and DC circuits, transients, resonance, electrical and magnetic measurements. Prerequisite or corequisite: Mathematics 261. Offered alternate years. 3 single periods and 1 three-hour periods a week; 4 credits. Mr. McGinley.

**Physics 332. Classical Electricity and Magnetism.** Electric and magnetic fields, potentials, resistance, inductance and capacitance, polarization, magnetic materials, Maxwell's equations. Prerequisite: Mathematics 262. Offered alternate years and on sufficient demand. 4 single periods a week; 4 credits. The Staff.

**Physics 341. Electronics.** A survey of basic electronic circuits and their use in radio, television and other applications; introduction to transistors. Prerequisite: Physics 101, 102 or 201, 202. Offered alternate years. 3 single and 1 three-hour periods a week; 4 credits. Mr. Meshejian.

**Physics 352. Mechanics.** A mathematical study of the physical laws pertaining to matter and motion. Prerequisite or corequisite: Mathematics 262. Offered alternate years. 4 single periods a week; 4 credits. Mr. Meshejian.

**Physics 482. Special Projects in Physics.** See Science 482.

### Science

The major in General Science requires 8 semester hours in each of the following: biology, chemistry, geology, and physics. Students are also required to take 16 additional semester hours in biology or chemistry or 12 additional hours in physics to secure an endorsement in either biology, chemistry, or physics. Other requirements are: Astronomy 200, Geography 251, and Mathematics 161, 162 (or equivalent.)

The major in Earth Science requires 8 semester hours in each of the following: biology, chemistry, geology, and physics. Also Astronomy 200, and 300, Geography 251, and 252, Science 311 (Oceanography), Mathematics 161, 162 are required.

**\*Astronomy 200. Descriptive Astronomy.** Descriptive study of the solar system, stars, galaxies, and cosmological models of the Universe. Evening sky observations are included. 3 single and 1 double periods a week; 4 credits. Mr. Curley.

**Astronomy 300. Stellar Astronomy.** A detailed study of stars, stellar distances, star types, binary systems, variable stars, star clusters, galaxies, and cosmology. Folklore and mythology of the constellations included with evening sky observations. 2 single periods a week; 2 credits. Mr. Curley.

**Geography 251. Physical Geography (Meteorology and Climatology).** The study of basic weather phenomena and processes is emphasized. The varieties of climate and their origin in terms of air masses, source regions and frontal zones is treated. 3 single periods a week; 3 credits. Mr. Lane.

**Geography 252. Physical Geography (Pedology, Hydrology, Plant Geography and Earth**

**\*Recommended for General Education.**



**Resources).** A study of the physical environment in which terrestrial elements are analyzed and inter-related. The natural resource base is emphasized. 3 single periods a week; 3 credits. Mr. Lane.

\***Geology 200. Physical Geology.** An introduction to the physical materials and processes which shape the earth's crust. 3 single and 1 double periods a week; 4 credits. Mr. Kirchgessner.

**Geology 201. Historical Geology.** A detailed investigation of the origin and evaluation of earth's crust with emphasis on the eastern United States. Prerequisite: Geology 200 or high school earth science. 3 single and 1 double period a week; 4 credits. Mr. Kirchgessner.

\***Science 101. Physical Science.** A survey of basic physics. Offered each semester. 3 single and 1 double period a week; 4 credits. The Staff.

\***Science 102. Physical Science.** A survey of chemistry, geology, and astronomy. Offered each semester. 3 single and 1 double period a week; 4 credits. The Staff.

**Science 311 (Biology 311). Oceanography.** An introduction to the geological, physical, chemical and biological aspects of the oceans. Offered 1973-74 and alternate years. 3 single and 1 double periods a week; 4 credits. Mr. Austin, Mr. Batts.

**Science 352. Science for Secondary Teachers.** A study of materials and methods for teaching the physical sciences at the junior high and high school level with emphasis on new laboratory approaches. 3 single periods a week; 3 credits. Mr. Austin.

**Science 360. Case Histories in Science.** A historical survey of the development of our modern scientific concepts. Offered on sufficient demand. 2 single periods a week; 2 credits. The Staff.

**Science 362. Science for Elementary Teachers.** A study of materials and methods of teaching science in the primary and upper elementary grades with emphasis on student use of laboratory materials and techniques. Required for the B.S. degree in Elementary Education. Prerequisites: Biology 102, 103, Science 101 and 102. Offered each semester. 1 single and 2 double periods a week; 3 credits. Mrs. Jackson, Mrs. McCombs.

**Science (Biology 462, Chemistry 472, or Physics 482) Special Projects in the Natural Sciences.** Students will prepare lecture demonstrations or carry out research projects under individual supervision of an instructor or may request a tutorial course in a specific subject area. The nature of the project will depend on the interest and needs of the student. May be repeated for credit as Biology 462, 463, 464; Chemistry 472, 473, 474; also Physics 482, 483, 484. Credits, 2, 3, 4 respectively. The Staff.

## DEPARTMENT OF SPEECH AND DRAMATIC ARTS

Patton Lockwood, Chairman

Mrs. Anderson, Mr. Sauve, Mr. Woodburn, Mr. Young\*\*

It is assumed that a college graduate should be able to express ideas clearly, logically, and persuasively. To aid in the development of these skills, basic courses in public speaking, interpretation, and forensics (Speech 101, 312, 403) may be elected without prerequisite. They are designed to serve students planning to enter occupations which require effective speech

\*Recommended for General Education.

\*\*on leave 1974-75

communication, such as teaching, business administration, personnel work, government service, law, and the ministry. These courses provide training in gathering, analyzing, and organizing evidence, with proper regard for logical and psychological factors important in audience situations, and in the development of effective delivery. Videotape facilities are available and may be used in evaluating platform assignments.

The dramatic arts offer a total experience involving intellectual, emotional, and physical aspects which contribute to the personal and social development of the individual. Courses in the dramatic arts are designed to give students an insight into human character and life as reflected in dramatic literature, a breadth of empathic experiences permitting them to participate vicariously in the lives and experiences of other people, and appreciation of good theatre and worthwhile dramatic literature, critical standards of judgment, and an ability to move and speak effectively on stage. More specialized courses deal with technical and aesthetic aspects of the theatre.

Three dual majors are offered by the department, two in conjunction with the Department of English: Speech and Dramatic Arts; Speech and English; and Dramatic Arts and English. Specific requirements for these majors leading to the A.B. and B.S. degrees are as follows:

### **Majors**

Major in Speech and Dramatic Arts—38 semester hours: Speech 100, 101, 201, 311, 401, 403; Dramatic Arts 201, 202, 267, 301, 302, 305, and one of the following: Dramatic Arts 369, 370, or 413, 560, or 561.

Major in English and Dramatic Arts—41 semester hours: [1] English 100 [2] English 120, 121 [3] English 282, 570 [4] English 140, 141 [5] 9 hours of dramatic literature including Dramatic Arts 267 [6] Dramatic Arts 201, 202 [7] Dramatic Arts 301 [8] Dramatic Arts 301 [9] Dramatic Arts 305 and [10] Speech 403. Majors in English and Dramatic Arts who are working for the Collegiate Professional Certificate must also take English 480 and English 415.

Major in English and Speech—42 semester hours: [1] English 100 [2] English 120, 121 [3] English 282 or 570 [4] English 140 or 141 [5] 9 hours of approved elective courses from departmental offerings; 1 course elected from English 360, 361, 362, 363, 365, 366; 1 course elected from English 522, 523, 524, 525, 526; 1 course elected from English 320, 321, 322, 520, 527 [6] Speech 100 [7] Speech 101 [8] Speech 201 [9] Speech 311 [10] Speech 401 [11] Speech 403. Majors in English and Speech who are working for the Collegiate Professional Certificate must also take English 480 and English 415.

### **Certification**

For certification in Speech or Dramatic Arts as well as English, six additional semester hours are required in each field beyond the basic 30 semester hours in English. Certification to teach separately Speech or Dramatic Arts requires 12 semester hours of work in each field. For Speech the 6 or 12 hours may be obtained from any of the course offerings in



Speech; for Dramatic Arts the 6 hours must be obtained from Dramatic Arts 201 and 202, and the 12 hours will include Dramatic Arts 201, 202, 300, and 301.

As described on page 55, Longwood College and the University of Virginia have a cooperative program leading to a major in Speech Pathology. The following courses are Longwood requirements for this major:

	Semester Hours
Art, Music or Dramatic Arts elective .....	6
Biology 101 or 103, 206-207 .....	12
English 100, 570 .....	6
Health Education 100 .....	1
History 121 or 122 .....	3
Literature .....	6
Literature or Philosophy elective .....	3
Mathematics 111-112 or 161, 162 .....	6
Physical Education Activity Courses .....	3
Psychology 133, 134 .....	6
Psychology 250 .....	3
Psychology 422, 423 or 523 .....	3
Social Science electives .....	9
Speech 100, 101, 307 .....	9
Electives .....	13
Speech Electives .....	6
Total hours of credit .....	95

#### At the University of Virginia

	Semester Hours
Speech Education 103: Anatomy and Physiology. Hearing .....	2
Speech Education 104: Anatomy and Physiology. Speech .....	2
Speech Education 106: The Bases of Speech .....	3
Speech Education 107: Speech Science .....	3
Speech Education 108: Experimental Phonetics .....	3
Speech Education 121: Rehabilitation Programs in Speech and Hearing .....	3
Speech Education 131: Principles of Speech Correction .....	3
Speech Education 132: Principles of Speech Pathology .....	3
Speech Education 133: Diagnostic Techniques in Speech Pathology .....	3
Speech Education 140: Articulation Disorders .....	3
Speech Education 151: Introduction to Audiology .....	3
Total hours of credit .....	31

NOTE: The department does not guarantee that all of the following courses will be offered every year.

#### Speech

**Speech 100. Voice and Diction.** Study of the vocal mechanism and voice production. Analysis of the sounds of American English through phonetic study. Improvement of personal speech skills through reading exercises. 3 periods a week; 3 credits. Mr. Woodburn.

**Speech 101. Fundamentals of Public Speech.** An introductory study of effective and responsible speaking. Provisions will be made for practical application. 3 periods a week; 3 credits. The Staff.

**Speech 201. Discussion and Debate.** Study and analysis of public discussion and debate concerning current national and international issues, discussion types and methods;



argumentation. Parliamentary procedure and conduct of the democratic meeting. 3 periods a week; 3 credits. Mr. Woodburn.

**Speech 300. Practicum in Speech Therapy.** Directed field work with primary and upper elementary pupils who have speech and hearing difficulties. 2 credits. The Staff.

**Speech 307. Phonetics.** A study of the phonetic structure of the English language, its dialects, and derivations, application of the International Phonetic Alphabet and a review of the literature in experimental phonetics. 3 periods a week; 3 credits. Mr. Woodburn.

**Speech 311. Radio and Television.** Radio skills with studio practice, elementary television, function of radio and television media in American culture. 3 periods a week; 3 credits. Mr. Woodburn.

**Speech 312. Forensics.** A course designed to acquaint students with forensic procedures, specifically intra- and extramural oratorical and forensic activities. 3 periods a week; 3 credits. Mrs. Anderson.

**Speech 401. Speech for the Classroom Teacher.** The role of speech in teaching; physiology of speech, voice training, speech corrective measures, public address, and group discussion techniques. 3 periods a week; 3 credits. Mr. Woodburn.

**Speech 403. Oral Interpretation.** Development of skill in oral reading; the expression and discipline of voice, thought, emotional responses and bodily action; techniques of presentation as adapted to varying forms of literature. Practice in reading prose, poetry, and drama designed to increase literary appreciation. 3 periods a week; 3 credits. Mr. Sauve.

### Dramatic Arts

**\*Dramatic Arts 100. Introduction to the Theatre.** A basic course designed to provide a general introduction to the dramatic arts. 3 periods a week; 3 credits. Mr. Sauve.

**Dramatic Arts 201, 202. Play Production.** A lecture and laboratory course. First semester: introduction to the theatre including methods of play analysis, organization of the professional and educational theatre; methods of scene construction and painting. Second semester: methods of lighting the stage; scene, costume, and light design. 3 double periods a week; 3 credits each semester. Mr. Sauve.

**Dramatic Arts 223. (English 223) Shakespeare.** A study of twelve of Shakespeare's plays, selected to illustrate his development as a dramatist and the importance of the drama in Elizabethan England. 3 periods a week; 3 credits.

**Dramatic Arts 267. (English 267) World Drama.** A study of the forms and types of representative plays in the main current of world drama from its beginning to Goethe. 3 periods a week; 3 credits. Mr. Lockwood.

**Dramatic Arts 268. (English 268) Modern European Drama.** A study of the European Theatre from Goethe through Shaw. 3 periods a week; 3 credits. Mr. Lockwood.

**Dramatic Arts 269. (English 269) Contemporary Drama.** A study of European and American drama produced in the last fifty years. Brecht, Bolt, Betti, Albee, Frisch, Sartre, Giradoux, Ghelderode, and others. 3 periods a week; 3 credits. Mr. Lockwood.

**Dramatic Arts 300. Children's Theatre.** A study of the special requirements of presenting drama to children and of the child's response to theatrical experience. An exploration of improvisation as a basic directorial tool in work with children. 3 two-hour class-laboratories a week; 3 credits. Mr. Lockwood.

- Dramatic Arts 301. Problems in Directing.** Directing with particular reference to the educational theatre, theatre organization, styles of presentation, composition and picturization, and relationships between the director and other theatre workers. Students to direct one-act plays assist in direction of the major productions of the semester. Prerequisite: Dramatic Arts 201 or 202. 3 periods a week; 3 credits. Mr. Lockwood.
- Dramatic Arts 302. Fundamentals of Acting.** Study of methods and styles of acting; historical development of acting as a fine art. Pantomime and improvisation. Students to perform in major productions, one-act plays, and class exercises and scenes. Prerequisite: Dramatic Arts 201 or 202. 2 double periods a week; 2 credits. Mr. Lockwood.
- Dramatic Arts 303. Scene Design.** A lecture-laboratory course dealing with the concept of scene design, the practical application of basic principles to modern staging methods, the function of scene design in its relation to the play, and the visual contribution of design to the production as a whole. Procedure and presentation techniques, theatre lighting analysis of equipment needs of educational producing groups. Prerequisite: Dramatic Arts 201, 202 or consent of instructor. 2 double periods a week; 2 credits. The Staff.
- Dramatic Arts 304. (Home Economics 304) History of Costume.** A lecture-laboratory course dealing with the history of costumes for stage productions, the organization and care of theatre wardrobe, and the theory and technique of stage make-up. Laboratory work coordinated with college productions. Prerequisites: Dramatic Arts 201 and 202 or consent of instructor. 2 double periods a week; 3 credits. The Staff.
- Dramatic Arts 305, 306. History of the Theatre.** A study of Western and Oriental theatre from its beginnings to the present with special emphasis on the impact of the theatre arts of Western civilization. 3 periods a week; 3 credits. The Staff.
- Dramatic Arts 357. (Physical Education 357) Dance Composition.** Theory and practice in composition of solo and small group dances. The course is designed for those students interested in advanced training in dance. Prerequisite: Dramatic Arts 100, 201, or 202 for Dramatic Arts credit, or permission of instructor for physical education credit. Offered 4 periods a week; 3 credits. NOTE: This course is elective and will meet the General Education requirement in Physical Education or Dramatic Arts, but not both. This will not satisfy state certification requirements for teaching Dramatic Arts. Miss Bowman, Miss Gustafson.
- Dramatic Arts 358. (Physical Education 358) Theory and Practice in Composition and Choreographic Problems.** The course is designed for those students interested in advanced training in dance. Prerequisite: Dramatic Arts 100, 201, or 202 for Dramatic Arts credit, or permission of instructor for physical education credit. Offered 4 periods a week; 3 credits. NOTE: This course is elective and will meet the General Education requirement in Physical Education or Dramatic Arts, but not both. This will not satisfy state certification requirements for teaching of Dramatic Arts. Miss Bowman, Miss Gustafson.
- Dramatic Arts 367. (English 367) Japanese Drama.** An introductory study of classical and modern Japanese dramatic forms and dramatic literature in translation, with special attention given to the Noh, Kabuki and puppet theatres. Audio-visual materials will supplement lectures and discussion. 3 periods a week; 3 credits. Mrs. Beaumont.
- Dramatic Arts 404. Play Writing.** An historical survey of play-writing techniques of the past and present; the development in the student, of a philosophy of play writing



which clarifies objective and means, emphasis on theory and practice in play writing; the writing of one-act plays. 2 two-hour class-laboratories a week; 3 credits. The Staff.

**Dramatic Arts 524, 525. (English 524, 525) Shakespeare.** Selected comedies, tragedies, and non-dramatic poetry. 3 periods a week; 3 credits. Miss May.

**Dramatic Arts 527. (English 527) English Drama to 1642.** A study of the origin and development of English drama until the closing of the theaters in 1642, with particular emphasis on Marlowe, Chapman, Dekker, Jonson, Beaumont, and Fletcher. 3 periods a week; 3 credits. Mr. Blackwell.



# Course Requirements

An outline of course requirements for each major is found in the following section. Elective hours have not been included, since their number varies depending upon the degree program in question. **Students should always bear in mind that 126 hours are required for graduation. Students in programs which require field experiences must complete 128 hours for graduation.**

A total of 48 semester hours in General Education is required for each degree, except the Bachelor of Arts, which requires 51. All students must take English 100 and Health Education 100. Some degree of freedom may be exercised by the student in choosing the other 44 hours of General Education requirements. However, students are urged to consult the departmental descriptions of their respective majors to determine specific general education courses that may be prescribed by the department. The five areas which comprise the General Education program are as follows: for the degrees of Bachelor of Science, Bachelor of Science in Business Education, and Bachelor of Music Education — **Humanities**, 18 semester hours; **Social Sciences**, 12 semester hours; **Natural Sciences**, 8 semester hours; **Mathematics**, 6 semester hours; and **Health and Physical Education**, 4 semester hours; for the degree of Bachelor of Arts — **Humanities**, 21 semester hours; **Social Sciences**, 12 semester hours; **Natural Sciences**, 8 semester hours; **Mathematics**, 6 semester hours; and **Health and Physical Education**, 4 semester hours.

Certain restrictions are placed upon the courses that may be chosen to satisfy the General Education requirements. The following section describes restrictions that apply to all students. Some of the departments involved in supplying General Education courses may recommend certain of their courses for this requirement. However, the student should remember that these recommendations do not necessarily preclude the choice of another course in which he or she may have a special interest.

## Humanities (Bachelor of Arts Degree)

1. English composition (English 100), 3 credits, is required.
2. Six credits must be completed in art, music, and/or dramatic arts. All of the hours may be taken in one of these disciplines, or the credits may be taken among them.
3. Three credits must be completed at the 200-level in foreign language. These credits may be taken only by students who are proficient in the language at the beginning and intermediate levels. Proficiency may be obtained at Longwood College, through work taken prior to entering Longwood College, or through transfer credits.
4. Six credits must be completed in literature, which may include foreign language literature. However, if students wish to fulfill their literature in a foreign language, it must be above and beyond the stipulations set forth in number 3 above.
5. Three credits must be taken in literature, philosophy or religion. If the student wishes to fulfill this requirement in foreign language literature, it must be above and beyond the stipulations set forth in numbers 3 and 4 above.

## Humanities (all degrees except Bachelor of Arts)

1. English composition (English 100), 3 credits, is required.

2. Six credits must be completed in art, music, and/or dramatic arts. All of the hours may be taken in one of these disciplines or the credits may be split among them.
3. Six credits must be completed in literature, which may include foreign language literature.
4. Three credits must be taken in one of the following areas: Art, Dramatic Arts, Foreign Language, Literature, Music, Philosophy, Psychology (except 240 or 250), or Religion.

#### **Social Sciences (all degrees)**

1. American History (History 121 or 122), 3 credits, is required.
2. Nine hours of work must be completed in at least two of the following areas: Anthropology, Economics, Geography, Government, History and Sociology.

#### **Natural Sciences (all degrees)**

1. A four-hour laboratory course in two of the following areas is required: Astronomy, Biology, Chemistry, Geology, Physical Science and Physics.
2. Certain combinations are not recommended because of duplication of content. They are: Astronomy 200 and Science 102; Geology 200 and Science 102; Physics 101 and Science 101; and Chemistry 101 and Science 102.

#### **Mathematics (all degrees)**

1. Students majoring in elementary education must take Mathematics 123, 124.
2. Students majoring in business must take one of the following to fulfill their mathematics requirements: Mathematics 161, 162; Mathematics 111, 112; Mathematics 111, 113.
3. Students majoring in mathematics or one of the natural sciences must take one of the following to fulfill their mathematics requirement: Mathematics 161, 162; Mathematics 164, 261; Mathematics 261, 262.
4. Majors in all other curricula may choose one of the following combinations to fulfill their mathematics requirement: Mathematics 161, 113; Mathematics 161, 114; Mathematics 161, 162; Mathematics 161, 261; Mathematics 162, 261; Mathematics 164, 261; Mathematics 261, 262; Mathematics 111, 112; Mathematics 111, 113; Mathematics 111, 114; Mathematics 111, 164.

#### **Health and Physical Education (all degrees)**

1. Health Education 100, 1 credit, is required.
2. Students may complete this requirement by taking 3 credits in any physical education activity course number 104 through 118. Since all students are required to demonstrate their proficiency in swimming for graduation, individuals weak in this area should elect beginning swimming as part of their physical education requirement.



# Index to Course Requirements

Major	Page
Art .....	130
Art Education .....	131
Business	
Stenography .....	132
General Office Procedures .....	133
Accounting, Economics and Basic Business .....	134
Office Administration .....	135
Elementary Education .....	136
Psychology .....	137
English .....	138
English and Dramatic Arts .....	139
English and Speech .....	140
Speech and Dramatic Arts .....	141
Speech Pathology .....	142
French .....	143
Latin .....	144
Spanish .....	145
Health and Physical Education .....	146
History and Social Sciences	
Economics and Accounting .....	148
Geography .....	149
Government .....	150
History .....	151
Social Science .....	152
Social Work .....	153
Sociology .....	154
Home Economics .....	155
Mathematics .....	157
Music .....	158
Music Education .....	159
Sciences	
Biology .....	160
Chemistry .....	161
Earth Science .....	162
General Science .....	163
Physics .....	164
Pre-Dental Hygiene .....	165
Pre-Pharmacy .....	165
Pre-Physical Therapy .....	165
Pre-Medical Technology .....	166
Pre-Nursing .....	167



## COURSE REQUIREMENTS

## ART MAJOR

## B A DEGREE

## General Education Requirements

## Credits

Dramatic Arts or Music . . . . .	.6
English 100 . . . . .	.3
Foreign Language at the 200-level . . . . .	.3
Literature . . . . .	.6
Literature, Philosophy*, or Religion . . . . .	.3
History 121 or 122 . . . . .	.3
Social Science . . . . .	.9
Science . . . . .	.8
Mathematics . . . . .	.6
Health Education 100 . . . . .	.1
Physical Education Activity Courses . . . . .	.3
<b>TOTAL</b>	<b>51</b>

\*Philosophy 381 recommended.

## Major Requirements\*\*

Art 120 . . . . .	.3
Art 130, 131 . . . . .	.6
Art 213 . . . . .	.3
Art 250, 251 . . . . .	.6
Art 261, 262 . . . . .	.6
Art 270, 271 . . . . .	.6
Art 311 or 313 . . . . .	.3
Art 361, 362, 363, 364, 366 or 367 . . . . .	.3
Art 381, 382 . . . . .	.6
<b>TOTAL</b>	<b>42</b>

NOTE: 126 hours are required for graduation, with a cumulative average of 2.0, and a 2.0 average in all major courses.

## COURSE REQUIREMENTS

## ART EDUCATION MAJOR

## B S DEGREE

General Education Requirements	Credits
Dramatic Arts or Music	.6
English 100	.3
Literature	.6
Humanities*	.3
History 121 or 122	.3
Social Science	.9
Science	.8
Mathematics	.6
Health Education 100	.1
Physical Education Activity Courses	.3
<b>TOTAL</b>	<b>48</b>

\*Philosophy 381 recommended.

## Major Requirements\*\*

Art 120	.3
Art 130, 131	.6
Art 213	.3
Art 250, 251	.6
Art 261, 262	.6
Art 270, 271	.6
Art 311 or 313	.3
Art 361, 362, 363, 364, 366 or 367	.3
Art 381, 382	.6
Art 441	.3
<b>TOTAL</b>	<b>45</b>

\*\*Art 442 (3 credits) is required if endorsement in Elementary School Art Education is desired.

The following courses must be taken for teaching certification:

Psychology 250	.3
Education 455	.3
Education 402, 480, 482, 484, 486, 488	.18
<b>TOTAL</b>	<b>24</b>

NOTE: 128 hours are required for graduation, with a cumulative average of 2.0, and a 2.0 average in all major courses.

**COURSE REQUIREMENTS**  
**STENOGRAPHY ENDORSEMENT**  
**B S DEGREE IN BUSINESS EDUCATION**

General Education Requirements	Credits
Art, Music, or Dramatic Arts .....	.6
English 100 .....	.3
Literature .....	.6
Humanities Elective .....	.3
History 121 or 122 .....	.3
Economics 231-232 .....	.6
Social Science elective (Not Economics) .....	.3
Science .....	.8
Mathematics 111, 112; 111, 113; or 161, 162 .....	.6
Health Education 100 .....	.1
Physical Education Activity Courses .....	.3
<b>TOTAL</b> .....	<b>48</b>

**Major Requirements**

Business 121, 221, 222* .....	.9
Business 131, 231, 232* .....	.9
Business 151 .....	.3
Business 220 .....	.3
Business 241, 242 .....	.6
Business 251 or 454 .....	.3
Business 252 .....	.3
Business 253, 351, 355, or 455 .....	.3
Business 352 .....	.3
Business 356 .....	.3
Business 453 .....	.3
<b>TOTAL</b> .....	<b>48</b>

\*Six hours of the typewriting and shorthand requirements may be omitted on the basis of proficiency.

The following courses must be taken for teaching certification;

Psychology 250 .....	.3
Education 455 .....	.3
Business Education 451, 452 .....	.6
Education 402, 480, 482, 484, 486, 488 .....	.18
<b>TOTAL</b> .....	<b>30</b>

NOTE: 128 hours are required for graduation, with a cumulative average of 2.0, and a 2.0 average in all major courses.

(Endorsement to teach basic business, office procedures, recordkeeping, shorthand, and typewriting.)



## COURSE REQUIREMENTS

## GENERAL OFFICE PROCEDURES ENDORSEMENT

## B S DEGREE IN BUSINESS EDUCATION

General Education Requirements	Credits
Art, Music, or Dramatic Arts . . . . .	6
English 100 . . . . .	3
Literature . . . . .	6
Humanities Elective . . . . .	3
History 121 or 122 . . . . .	3
Economics 231-232 . . . . .	6
Social Science elective (Not Economics) . . . . .	3
Science . . . . .	8
Mathematics 111, 112; 111, 113; or 161, 162 . . . . .	6
Health Education 100 . . . . .	1
Physical Education Activity Courses . . . . .	3
<b>TOTAL</b>	<b>48</b>
<b>Major Requirements</b>	
Business 121, 221, 222* . . . . .	9
Business 151 . . . . .	3
Business 220 . . . . .	3
Business 241, 242, 343, 344 . . . . .	12
Business 251 or 454 . . . . .	3
Business 252 . . . . .	3
Business 253, 351, 355 or 455 . . . . .	3
Business 352 . . . . .	3
Business 356 . . . . .	3
Business 436 . . . . .	3
<b>TOTAL</b>	<b>45</b>

\*Six hours of the typewriting requirement may be omitted on the basis of proficiency.

The following courses must be taken for teaching certification:

Psychology 250 . . . . .	3
Education 455 . . . . .	3
Business Education 451, 452 . . . . .	6
Education 402, 480, 482, 484, 486, 488 . . . . .	18
<b>TOTAL</b>	<b>30</b>

NOTE: 128 hours are required for graduation, with a cumulative average of 2.0, and a 2.0 average in all major courses.

(Endorsement to teach basic business, bookkeeping, office procedures, and typewriting.)

## COURSE REQUIREMENTS

ACCOUNTING, ECONOMICS, and  
BASIC BUSINESS ENDORSEMENT

## B S DEGREE IN BUSINESS EDUCATION

General Education Requirements	Credits
Art, Music, or Dramatic Arts .....	.6
English 100 .....	.3
Literature .....	.6
Humanities Elective .....	.3
History 121 or 122 .....	.3
Economics 231-232 .....	.6
Social Science (not Economics) .....	.3
Science .....	.8
Mathematics 111, 112; 111, 113; 161, 162 .....	.6
Health Education 100 .....	.1
Physical Education Activity Courses .....	.3
<b>TOTAL</b> .....	<b>48</b>

## Major Requirements

Business 151 .....	.3
Business 121, 221, 222* .....	.9
Business 241, 242, 343, 344 .....	.12
Business 252 .....	.3
Business 251 or 454 .....	.3
Business 352 .....	.3
Business 356 .....	.3
Business (Economics) 455 .....	.3
Economics 201 .....	.3
Economics electives .....	.6
<b>TOTAL</b> .....	<b>48</b>

\*Six hours of the typewriting requirements may be omitted on the basis of proficiency.

The following courses must be taken for teaching certification:

Psychology 250 .....	.3
Education 455 .....	.3
Business Education 451, 452 .....	.6
Education 402, 480, 482, 484, 486, 488 .....	.18
<b>TOTAL</b> .....	<b>30</b>

NOTE: 128 hours are required for graduation, with a cumulative average of 2.0, and a 2.0 average in all major courses.

(Endorsement to teach bookkeeping, typewriting, economics, and basic business subjects.)

**COURSE REQUIREMENTS**  
**OFFICE ADMINISTRATION MAJOR**  
**B S DEGREE**

**General Education Requirements** **Credits**

Art, Music, or Dramatic Arts	.6
English 100	.3
Literature	.6
Humanities Elective	.3
History 121 or 122	.3
Economics 231-232	.6
Social Science elective (Not Economics)	.3
Science	.8
Mathematics 111, 112; 111, 113; or 161, 162	.6
Health Education 100	.1
Physical Education Activity Courses	.3
<b>TOTAL</b>	<b>48</b>

**Major Requirements**

Business 121, 221, 222*	.9
Business 131, 231, 232*	.9
Business 151	.3
Business 220	.3
Business 241, 242	.6
Business 251 or 454	.3
Business 252	.3
Business 253 or Economics 201	.3
Business 344	.3
Business 351	.3
Business 352	.3
Business 356	.3
Business 436	.3
Business 453	.3
Business 455	.3
Psychology 359	.3
<b>TOTAL</b>	<b>63</b>

\*All shorthand and typewriting courses may be omitted on the basis of proficiency.

NOTE: 126 hours are required for graduation, with a cumulative average of 2.0, and a 2.0 average in all major courses.



**COURSE REQUIREMENTS**  
**ELEMENTARY EDUCATION MAJOR**  
**B S DEGREE**

**General Education Requirements** **Credits**

Art 341	.3
Biology 102	.4
Economics 202	.3
English 100, 282	.6
English literature electives	.6
Health Education 100, 360	.4
History 111, 112	.6
History 121 or 122	.3
Mathematics 123, 124	.6
Music 242	.3
Physical Science 101	.4
<b>TOTAL</b>	<b>48</b>

**Interdisciplinary Major Requirements**

Art 342	.3
Biology 103	.4
Education 325, 429	.6
English 280	.3
Geography 201, 212	.6
Physical Education Activity Courses	.2
Mathematics 323	.3
Music 342	.3
Physical Science 102	.4
Science 362	.3
Speech 101	.3
<b>TOTAL</b>	<b>40</b>

**Professional Education Requirements**

**Pattern A (K-3):**

Education 453, 400, 480, 482, 484, 486, 488	.21
Psychology 240, 250	.6
	<b>27</b>

**Pattern B (4-7):**

Education 454, 401, 480, 482, 484, 486, 488	.21
Psychology 240, 250	.6
	<b>27</b>

**NOTE:** 128 hours are required for graduation, with a cumulative average of 2.0, and a 2.0 average in all major courses.

## COURSE REQUIREMENTS

## PSYCHOLOGY MAJOR

## B S DEGREE

General Education Requirements	Credits
Art, Music or Dramatic Arts . . . . .	6
English 100 . . . . .	3
Literature . . . . .	6
Philosophy 401 . . . . .	3
History 121 or 122 . . . . .	3
Economics or Government . . . . .	3
Sociology and Anthropology . . . . .	6
Mathematics . . . . .	6
Biology 101, 303 . . . . .	8
Health Education 100 . . . . .	1
Physical Education Activity Courses . . . . .	3
<b>TOTAL</b>	<b>48</b>
<b>Major Requirements</b>	
Psychology 133, 134 . . . . .	6
Psychology 361-362 . . . . .	6
Psychology 420-421 . . . . .	6
Psychology 457 . . . . .	3
Psychology 461 . . . . .	3
Psychology electives . . . . .	12
<b>TOTAL</b>	<b>36</b>

NOTE: 126 hours are required for graduation, with a cumulative average of 2.0, and a 2.0 average in all major courses.

## COURSE REQUIREMENTS

## ENGLISH MAJOR

## B S DEGREE

## General Education Requirements

Credits

Art, Music or Dramatic Arts . . . . .	.6
English 100 . . . . .	.3
Literature . . . . .	.6
Humanities . . . . .	.3
History 121 or 122 . . . . .	.3
Social Science . . . . .	.9
Science . . . . .	.8
Mathematics . . . . .	.6
Health Education 100 . . . . .	.1
Physical Education Activity Courses . . . . .	.3
<b>TOTAL</b> . . . . .	<b>48</b>

NOTE: Art, Music, Dramatic Art requirement may also be met with six hours of the following English courses: 267, 268, 269, 524, 525, 527.

## Major Requirements

English 120 or 121 . . . . .	.6
English 140, 141 . . . . .	.6
†English electives . . . . .	.15
<b>TOTAL</b> . . . . .	<b>30</b>

†Elective courses: (choose 5) one course from English 360, 361, 362, 363, 365, 366; one course from English 522, 523, 524, 525, 526; one course from English 320, 321, 322, 520, 527; two courses are free electives from departmental offerings.

Students seeking the B A degree must take 3 semester hours of one foreign language at the 200 level.

The following courses must be taken for teaching certification:

English 282 . . . . .	.3
English 415 . . . . .	.3
English 480 . . . . .	.3
Psychology 250 . . . . .	.3
Education 455 . . . . .	.3
Education 402, 480, 482, 484, 486, 488 . . . . .	.18
<b>TOTAL</b> . . . . .	<b>33</b>

For additional certification to teach Speech:

Speech electives . . . . .	.6
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For additional certification to teach Dramatic Arts:

Dramatic Arts 201, 202 . . . . .	.6
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For additional certification to teach Journalism:

English 110, or 210, and 211 or 212 . . . . .	.6
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NOTE: 126 hours are required for graduation, with a cumulative average of 2.0, and a 2.0 average in all major courses. If teaching certification is desired, 128 hours are required for graduation with a cumulative average of 2.0 and a 2.0 average in all major courses.



**COURSE REQUIREMENTS**  
**ENGLISH AND DRAMATIC ARTS MAJOR**  
**B S DEGREE**

General Education Requirements	Credits
Dramatic Arts 201, 202 .....	.6
English 100 .....	.3
Literature .....	.6
Humanities .....	.3
History 121 or 122 .....	.3
Social Science .....	.9
Science .....	.8
Mathematics .....	.6
Health Education 100 .....	.1
Physical Education Activity Courses .....	.3
<b>TOTAL</b> .....	<b>48</b>
 <b>Major Requirements</b>	
English 120, 121 .....	.6
English 140 or 141 .....	.3
English 282 or 570 .....	.3
Dramatic Arts 301 .....	.3
Dramatic Arts 302 .....	.2
Dramatic Arts 305 .....	.3
Dramatic Arts 267 .....	.3
Dramatic Arts literature elective .....	.6
Speech 403 .....	.3
<b>TOTAL</b> .....	<b>32</b>

Students seeking the B A degree must take 3 semester hours of one foreign language at the 200 level.

The following courses must be taken for teacher certification:

English 415 .....	.3
English 480 .....	.3
Psychology 250 .....	.3
Education 455 .....	.3
Education 402, 480, 482, 484, 486, 488 .....	.18
<b>TOTAL</b> .....	<b>30</b>

**NOTE:** 126 hours are required for graduation, with a cumulative average of 2.0, and a 2.0 average in all major courses. If teaching certification is desired, 128 hours are required for graduation with a cumulative average of 2.0 and a 2.0 average in all major courses.

**COURSE REQUIREMENTS**  
**ENGLISH AND SPEECH MAJOR**  
**B S DEGREE**

General Education Requirements	Credits
Art, Music or Dramatic Arts*	.6
English 100	.3
Literature	.6
Humanities	.3
History 121 or 122	.3
Social Science	.9
Science	.8
Mathematics	.6
Health Education 100	.1
Physical Education Activity Courses	.3
<b>TOTAL</b>	<b>48</b>

\*This requirement may be met with six hours of the following English courses: 368, 369, 370, 413, 560, and 561.

**Major Requirements**

English 120, 121	.6
English 140 or 141	.3
English 282 or 570	.3
†English electives	.9
Speech 100	.3
Speech 101	.3
Speech 201	.3
Speech 311	.3
Speech 401	.3
Speech 403	.3
<b>TOTAL</b>	<b>39</b>

†Elective courses: (choose 3) one course from English 360, 361, 362, 363, 365, 366; one course from English 522, 523, 524, 525, 526; one course from English 320, 321, 322, 520, 527.

Students seeking the B A degree must take 3 semester hours of one foreign language at the 200 level.

The following courses must be taken for teaching certification:

English 415	.3
English 480	.3
Psychology 250	.3
Education 455	.3
Education 402, 480, 482, 484, 486, 488	.18
<b>TOTAL</b>	<b>30</b>

NOTE: 126 hours are required for graduation, with a cumulative average of 2.0, and a 2.0 average in all major courses. If teaching certification is desired, 128 hours are required for graduation with a cumulative average of 2.0, and a 2.0 average in all major courses.

**COURSE REQUIREMENTS**  
**SPEECH AND DRAMATIC ARTS MAJOR**  
**B S DEGREE**

General Education Requirements	Credits
Dramatic Arts 201, 202 .....	.6
English 100 .....	.3
Literature .....	.6
Humanities Elective .....	.3
History 121 or 122 .....	.3
Social Science .....	.9
Mathematics .....	.6
Science .....	.8
Health Education 100 .....	.1
Physical Education Activity Courses .....	.3
<b>TOTAL</b> .....	<b>48</b>
<b>Major Requirements</b>	
Dramatic Arts 267 .....	.3
Dramatic Arts 301, 302 .....	.5
Dramatic Arts 305 .....	.3
Dramatic Arts elective* .....	.3
Speech 100 .....	.3
Speech 101 .....	.3
Speech 201 .....	.3
Speech 311 .....	.3
Speech 401 .....	.3
Speech 403 .....	.3
<b>TOTAL</b> .....	<b>32</b>

\*Select from Dramatic Arts 223, 268, 269, 367, 524, 525 or 527.

Students seeking the B A degree must take 3 semester hours of one foreign language at the 200 level.

The following courses must be taken for teaching certification:

Psychology 250 .....	.3
Education 455 .....	.3
Education 402, 480, 482, 484, 486, 488 .....	.18
<b>TOTAL</b> .....	<b>24</b>

NOTE: 126 hours are required for graduation, with a cumulative average of 2.0, and a 2.0 average in all major courses. If teaching certification is desired, 128 hours are required for graduation with a cumulative average of 2.0, and a 2.0 average in all major courses.



**COURSE REQUIREMENTS**  
**SPEECH PATHOLOGY**  
**(UNIVERSITY OF VIRGINIA)**

**B S or B A DEGREE AWARDED BY LONGWOOD**

General Education Requirements	Credits
Art, Music or Dramatic Arts .....	.6
English 100 .....	.3
Literature .....	.6
Humanities Elective .....	.3
History 121 or 122 .....	.3
Social Science .....	.9
Mathematics .....	.6
Biology 101 or 103 .....	.4
Biology 206 .....	.4
Health Education 100 .....	.1
Physical Education Activity Courses .....	.3
<b>TOTAL</b>	<b>48</b>
<b>Major Requirements (at Longwood)</b>	
Biology 207 .....	.4
English 570 .....	.3
Psychology 133, 134 .....	.6
Psychology 250 .....	.3
Psychology 422, 423 or 523 .....	.3
Speech 100 .....	.3
Speech 101 .....	.3
Speech 307 .....	.3
Speech electives .....	.6
<b>TOTAL</b>	<b>34</b>
<b>Major Requirements (University of Virginia)</b>	
Speech Education 103, 104: Anatomy and Physiology .....	.4
Speech Education 106: The Bases of Speech .....	.3
Speech Education 107: Speech Science .....	.3
Speech Education 108: Experimental Phonetics .....	.3
Speech Education 121: Rehabilitation Programs in Speech & Hearing .....	.3
Speech Education 131: Principles of Speech Pathology .....	.3
Speech Education 132: Principles of Speech Pathology .....	.3
Speech Education 133: Diagnostic Techniques in Speech Pathology .....	.3
Speech Education 140: Articulation Disorders .....	.3
Speech Education 151: Introduction to Audiology .....	.3
<b>TOTAL</b>	<b>31</b>

Students seeking the B A degree must take 3 semester hours of one foreign language at the 200 level.

**NOTE:** 126 hours are required for graduation, with a cumulative average of 2.0, and a 2.0 average in all major courses.

## COURSE REQUIREMENTS

## FRENCH MAJOR

## B A DEGREE

General Education Requirements Credits

Art, Music or Dramatic Arts . . . . .	.6
English 100 . . . . .	.3
Literature . . . . .	.6
Literature, Philosophy, or Religion . . . . .	.3
History 121 or 122 . . . . .	.3
Social Science . . . . .	.9
Science . . . . .	.8
Mathematics . . . . .	.6
Health Education 100 . . . . .	.1
Physical Education Activity Courses . . . . .	.3
<b>TOTAL</b>	<b>48</b>

## Major Requirements

French 241, 242 . . . . .	.6
Non-survey literature courses . . . . .	.6
French 401, 402 . . . . .	.6
French electives . . . . .	.6
<b>TOTAL</b>	<b>24</b>

French 111-112 and 121-122 may be by-passed totally or in part by advanced placement.

The following courses must be taken for teaching certification:

French 400 . . . . .	.3
Psychology 250 . . . . .	.3
Education 455 . . . . .	.3
Education 402, 480, 482, 484, 486, 488 . . . . .	.18
<b>TOTAL</b>	<b>27</b>

A language major may certify in a second modern language by completing 24 hours in the second language. Twelve of these hours must be beyond the intermediate level. Advanced placement reduces proportionately the number of hours required by the Commonwealth of Virginia for certification.

NOTE: 126 hours are required for graduation, with a cumulative average of 2.0, and a 2.0 average in all major courses. If teaching certification is desired, 128 hours are required for graduation with a cumulative average of 2.0, and a 2.0 average in all major courses.

## COURSE REQUIREMENTS

## LATIN MAJOR

## B A DEGREE

General Education Requirements	Credits
Art, Music or Dramatic Arts . . . . .	6
English 100 . . . . .	3
Literature . . . . .	6
Literature, Philosophy, or Religion . . . . .	3
History 121 or 122 . . . . .	3
Social Science* . . . . .	9
Mathematics . . . . .	6
Science . . . . .	8
Health Education 100 . . . . .	1
Physical Education Activity Courses . . . . .	3
<b>TOTAL</b>	<b>48</b>

\*Three semester hours of Ancient History recommended.

## Major Requirements

Latin beyond the Intermediate Course . . . . .	18
Modern foreign language (beyond beginning) or Greek . . . . .	6
<b>TOTAL</b>	<b>24</b>

Latin and Greek courses are taken at Hampden-Sydney College.

The following courses must be taken for teaching certification:

Psychology 250 . . . . .	3
Education 455 . . . . .	3
Education 402, 480, 482, 484, 486, 488 . . . . .	18
<b>TOTAL</b>	<b>24</b>

NOTE: 126 hours are required for graduation, with a cumulative average of 2.0, and a 2.0 average in all major courses. If teaching certification is desired, 128 hours are required for graduation with a cumulative average of 2.0, and a 2.0 average in all major courses.



## COURSE REQUIREMENTS

## SPANISH MAJOR

## B A DEGREE

General Education Requirements	Credits
Art, Music or Dramatic Arts .....	.6
English 100 .....	.3
Literature .....	.6
Literature, Philosophy, or Religion .....	.3
History 121 or 122 .....	.3
Social Science .....	.9
Science .....	.8
Mathematics .....	.6
Health Education 100 .....	.1
Physical Education Activity Courses .....	.3
<b>TOTAL</b>	<b>48</b>
<b>Major Requirements</b>	
Spanish 241, 242 .....	.6
Spanish 331 or 332 or 431 .....	.3
Spanish 401, 402 .....	.6
Spanish 441 or 442 .....	.3
Spanish 461 or 462 or 471 or 472 .....	.3
Spanish electives .....	.3
<b>TOTAL</b>	<b>24</b>

Spanish 111-112 and 121-122 may be by-passed totally or in part by advanced placement.

The following courses must be taken for teaching certification:

Spanish 400 .....	.3
Psychology 250 .....	.3
Education 455 .....	.3
Education 402, 480, 482, 484, 486, 488 .....	.18
<b>TOTAL</b>	<b>27</b>

A language major may certify in a second modern language by completing 24 hours in the second language. Twelve of these hours must be beyond the intermediate level. Advanced placement reduces proportionately the number of hours required by the Commonwealth of Virginia for certification.

NOTE: 126 hours are required for graduation, with a cumulative average of 2.0, and a 2.0 average in all major courses. If teaching certification is desired, 128 hours are required for graduation with a cumulative average of 2.0 and a 2.0 average in all major courses.

**COURSE REQUIREMENTS**  
**HEALTH, PHYSICAL EDUCATION**  
**AND RECREATION MAJOR**

**B S DEGREE**

General Education Requirements	Credits
Art, Music, Dramatic Arts . . . . .	.6
English 100 . . . . .	.3
Literature . . . . .	.6
Humanities Elective . . . . .	.3
History 121 or 122 . . . . .	.3
Social Science . . . . .	.9
Biology 101 . . . . .	.4
Biology 206 . . . . .	.4
Mathematics . . . . .	.6
Health Education 100 . . . . .	.1
Physical Education 106-I, 106-II, 110 . . . . .	.3
<b>TOTAL</b>	<b>48</b>
<b>Core Program</b>	
Biology 207 . . . . .	.4
Health Education 336 . . . . .	.3
Physical Education 250 . . . . .	.3
Physical Education 339 . . . . .	.3
Physical Education 225 . . . . .	.3
Physical Education 338 . . . . .	.3
Health and Physical Education 402 . . . . .	.3
<b>TOTAL</b>	<b>22</b>
<b>Secondary Certification</b>	
Physical Education 102-103, 202-203 . . . . .	.8
Physical Education 322 . . . . .	.2
Physical Education 261 . . . . .	.3
Physical Education 403 . . . . .	.3
Health and Physical Education 354 . . . . .	.3
Physical Education 305 . . . . .	.3
Departmental Electives . . . . .	.3
<b>TOTAL</b>	<b>25</b>
<b>Additional courses necessary for Secondary Education with Elementary Emphasis:</b>	
Physical Education 304 . . . . .	.3
Child Development (Home Economics 306) . . . . .	.4
Physical Education 404 . . . . .	.3
<b>TOTAL</b>	<b>10</b>
<b>Secondary Certification with Dance Emphasis</b>	
Physical Education 102-103 . . . . .	.8
Physical Education 357 (Dramatic Arts 357) . . . . .	.3
Physical Education 322 . . . . .	.2

Physical Education 261 .....	.3
Physical Education 403 .....	.3
Physical Education 206 I, II, III .....	.3
Health and Physical Education 354 .....	.3
Physical Education 305 .....	.3
Physical Education 358 (Dramatic Arts 358) .....	.3
<b>TOTAL</b> .....	<b>31</b>

#### Recreation Emphasis

Physical Education 102-103-202-203 .....	.8
Recreation 237 .....	.3
Physical Education 261 .....	.1
Recreation 305 .....	.3
Recreation 337 .....	.3
Health Education 345 .....	.3
Recreation 355 .....	.3
Recreation 390 .....	.3
<b>TOTAL</b> .....	<b>30</b>

#### Recreational Therapy Emphasis

Physical Education 102-103-202-203 .....	.8
Recreation 210 .....	.3
Recreation 220 .....	.3
Recreation 237 .....	.3
Physical Education 261 .....	.3
Recreation 340 .....	.3
Recreation 370 .....	.3
Physical Education 390 .....	.4
Recreation 337 .....	.3
<b>TOTAL</b> .....	<b>33</b>

#### Departmental Electives

Health Education 301, 302 .....	.4
Health Education 345 .....	.3
Physical Education 405 (1, 2) .....	.3
Physical Education 406 .....	.3
Physical Education 428 .....	.2
Physical Education or Recreation 340 .....	.3
Physical Education 461, 462, 463 (1, 2) .....	.3

The following courses must be taken for the professional semester  
in Recreation and Recreation Therapy:

Recreation 405 .....	.10
Recreation 406 .....	.2
Recreation 407 .....	.2
Recreation 408 .....	.2
<b>TOTAL</b> .....	<b>16</b>

The following courses must be taken for teaching certification:

Psychology 250 .....	.3
Education 455 .....	.3
Education 402, 480, 482, 484, 486, 488 .....	.18
<b>TOTAL</b> .....	<b>24</b>

NOTE: 128 hours are required for graduation, with a cumulative average of 2.0, and a 2.0 average in all major courses.



**COURSE REQUIREMENTS**  
**ECONOMICS AND ACCOUNTING MAJOR**  
**B S DEGREE**

General Education Requirements	Credits
Art, Music or Dramatic Arts . . . . .	6
English 100 . . . . .	3
Literature . . . . .	6
Humanities Elective . . . . .	3
History 121 or 122 . . . . .	3
Economics 231-232 . . . . .	6
Social Science (not Economics) . . . . .	3
Mathematics . . . . .	6
Science . . . . .	8
Health Education 100 . . . . .	1
Physical Education Activity Courses . . . . .	3
<b>TOTAL</b>	<b>48</b>

**Major Requirements**

Business 241-242 . . . . .	6
Business 343 . . . . .	3
Business 344 . . . . .	3
Business 352 . . . . .	3
Economics 201 . . . . .	3
Economics electives . . . . .	9
<b>TOTAL</b>	<b>27</b>

Students seeking the B A degree must take 3 semester hours of one foreign language at the 200 level.

The following courses must be taken for teaching certification:

Psychology 250 . . . . .	3
Education 455 . . . . .	3
Education 402, 482, 484, 486, 488 . . . . .	18
<b>TOTAL</b>	<b>24</b>

**NOTE:** 126 hours are required for graduation, with a cumulative average of 2.0 and a 2.0 average in all major courses. If teaching certification is desired, 128 hours are required for graduation with a cumulative average of 2.0 and a 2.0 average in all major courses.

## COURSE REQUIREMENTS

## GEOGRAPHY MAJOR

## B S DEGREE

General Education Requirements	Credits
Art, Music or Dramatic Arts .....	6
English 100 .....	3
Literature .....	6
Humanities Elective .....	3
History 121 or 122 .....	3
Social Science .....	9
Science .....	8
Mathematics .....	6
Health Education 100 .....	1
Physical Education Activity Courses .....	3
<b>TOTAL</b> .....	<b>48</b>
<b>Major Requirements</b>	
Geography 201 .....	3
Systematic Geography electives* .....	12
Regional Geography electives .....	15
Economics .....	3
<b>TOTAL</b> .....	<b>33</b>

\*Select from Geography 241, 242, 354, 356, 444, 445 or Geology 200.

Students seeking the B A degree must take 3 hours of one foreign language at the 200 level.

The following courses must be taken for teaching certification:

Psychology 250 .....	3
Education 455 .....	3
Education 402, 480, 482, 484, 486, 488 .....	18
<b>TOTAL</b> .....	<b>24</b>

NOTE: 126 hours are required for graduation, with a cumulative average of 2.0, and a 2.0 average in all major courses. If teaching certification is desired, 128 hours are required for graduation with a cumulative average of 2.0, and a 2.0 average in all major courses.

## COURSE REQUIREMENTS

## GOVERNMENT MAJOR

## B S DEGREE

General Education Requirements	Credits
Art, Music or Dramatic Arts . . . . .	.6
English 100 . . . . .	.3
Literature . . . . .	.6
Humanities Elective . . . . .	.3
Economics 202 . . . . .	.3
History 121 or 122 . . . . .	.3
Social Science electives* . . . . .	.6
Science . . . . .	.8
Mathematics . . . . .	.6
Health Education 100 . . . . .	.1
Physical Education Activity Courses . . . . .	.3
<b>TOTAL</b>	<b>48</b>

\*Select from History 306, 308, 343, 535; Economics 342, 410; Government 354, or Geography 444, 450.

## Major Requirements

Government 215, 216 . . . . .	.6
Government 331, 332 . . . . .	.6
Government electives* . . . . .	.18
<b>TOTAL</b>	<b>30</b>

\*Approved by department chairman or government professor.

Students seeking the B A degree must take 3 semester hours of one foreign language at the 200 level.

The following courses must be taken for teaching certification:

Psychology 250 . . . . .	.3
Education 455 . . . . .	.3
Education 402, 480, 482, 484, 486, 488 . . . . .	.18
<b>TOTAL</b>	<b>24</b>

NOTE: 126 hours are required for graduation, with a cumulative average of 2.0, and a 2.0 average in all major courses. If teaching certification is desired, 128 hours are required for graduation with a cumulative average of 2.0 and a 2.0 average in all major courses.



## COURSE REQUIREMENTS

## HISTORY MAJOR

## B S DEGREE

General Education Requirements	Credits
Art, Music or Dramatic Arts	.6
English 100	.3
Literature	.6
Humanities Elective	.3
History 111, 112	.6
History 121	.3
Economics	.3
Science	.8
Mathematics	.6
Health Education 100	.1
Physical Education Activity Courses	.3
<b>TOTAL</b>	<b>48</b>
<b>Major Requirements</b>	
History 122	.3
Non-American History (for American History concentrate) or American History (for non-American History concentrate)	.6
History electives (American or non-American)	.18
Related Social Sciences	.9
<b>TOTAL</b>	<b>36</b>

Students seeking the B A degree must take 3 semester hours of one foreign language at the 200 level.

The following courses must be taken for teaching certification:

Psychology 250	.3
Education 455	.3
Education 402, 480, 482, 484, 486, 488	.18
<b>TOTAL</b>	<b>24</b>

NOTE: 126 hours are required for graduation, with a cumulative average of 2.0 and a 2.0 average in all major courses. If teaching certification is desired, 128 hours are required for graduation with a cumulative average of 2.0 and a 2.0 average in all major courses.

## COURSE REQUIREMENTS

## SOCIAL SCIENCE MAJOR

## B S DEGREE

## General Education Requirements Credits

Art, Music or Dramatic Arts . . . . .	.6
English 100 . . . . .	.3
Literature . . . . .	.6
Humanities Elective . . . . .	.3
History 111, 112 . . . . .	.6
History 121 . . . . .	.3
Geography 201 . . . . .	.3
Science . . . . .	.8
Mathematics . . . . .	.6
Health Education 100 . . . . .	.1
Physical Education Activity Courses . . . . .	.3
<b>TOTAL</b> . . . . .	<b>48</b>

## Major Requirements

History 122 . . . . .	.3
History electives . . . . .	.9
Geography elective . . . . .	.3
Government 215, 216 . . . . .	.6
Government electives . . . . .	.6
Economics 231-232 . . . . .	.6
Sociology 221 or Anthropology 201 . . . . .	.3
<b>TOTAL</b> . . . . .	<b>36</b>

Students seeking the B A degree must take 3 hours of one foreign language at the 200 level.

The following courses must be taken for teaching certification:

Psychology 250 . . . . .	.3
Education 455 . . . . .	.3
Education 402, 480, 482, 484, 486, 488 . . . . .	.18
<b>TOTAL</b> . . . . .	<b>24</b>

NOTE: 126 hours are required for graduation, with a cumulative average of 2.0, and a 2.0 average in all major courses. If teaching certification is desired, 128 hours are required for graduation with a cumulative average of 2.0 and a 2.0 average in all major courses.

## COURSE REQUIREMENTS

## SOCIAL WORK MAJOR

## B S DEGREE

## General Education Requirements Credits

Art, Music or Dramatic Arts . . . . .	.6
English 100 . . . . .	.3
Literature . . . . .	.6
Humanities Elective . . . . .	.3
History 121 or 122 . . . . .	.3
Economics 231-232 . . . . .	.6
Anthropology 201 . . . . .	.3
Biology 101, 303 . . . . .	.8
Mathematics . . . . .	.6
Health Education 100 . . . . .	.1
Physical Education Activity Courses . . . . .	.3
<b>TOTAL</b> . . . . .	<b>48</b>

## Major Requirements

Government 215 or 216 . . . . .	.3
Psychology 133 . . . . .	.3
Sociology 221 . . . . .	.3
Sociology 222, Psychology 250 or Home Economics 334 . . . . .	.3
Sociology 230 . . . . .	.3
Sociology 443 . . . . .	.3
Social Work 233 . . . . .	.3
Social Work 234 or 240 . . . . .	.3
Social Work 336 . . . . .	.3
Social Work 339 . . . . .	.4
Social Work 400 . . . . .	.8
Social Work 401 thru 407 . . . . .	.8
<b>TOTAL</b> . . . . .	<b>47</b>

Students seeking the B A degree must take 3 semester hours of one foreign language at the 200 level.

Recommended electives: Ethics; History; Government; Economics 350; Psychology 134, 250, 331, 356, 422, 451; Sociology 331, 332, 335, 441, 445; Social Work 101, 337.

NOTE: 128 hours are required for graduation, with a cumulative average of 2.0 and a 2.0 average in all major courses.



## COURSE REQUIREMENTS

## SOCIOLOGY MAJOR

## B S DEGREE

General Education Requirements	Credits
Art, Music or Dramatic Arts . . . . .	.6
English 100 . . . . .	.3
Literature . . . . .	.6
Humanities Elective . . . . .	.3
Sociology 221 . . . . .	.3
History 121 or 122 . . . . .	.3
Anthropology 201, 202 . . . . .	.6
Biology 101, 303 . . . . .	.8
Mathematics . . . . .	.6
Health Education 100 . . . . .	.1
Physical Education Activity Courses . . . . .	.3
<b>TOTAL</b>	<b>48</b>
<b>Major Requirements</b>	
Sociology 230 . . . . .	.3
Sociology 331 . . . . .	.3
Sociology 441 . . . . .	.3
Sociology 443 . . . . .	.3
Sociology 445 . . . . .	.3
Sociology electives . . . . .	.12
Economics 231-232 . . . . .	.6
Government 215, 216 . . . . .	.6
Psychology 133, 134 . . . . .	.6
<b>TOTAL</b>	<b>45</b>

Students seeking the B A degree must take 3 semester hours of foreign language at the 200 level.

NOTE: 126 hours are required for graduation, with a cumulative average of 2.0, and a 2.0 average in all major courses.

## COURSE REQUIREMENTS

## HOME ECONOMICS MAJOR

## B S DEGREE

General Education Requirements	Credits
Art, Music or Dramatic Arts*	.6
English 100	.3
Literature	.6
Humanities Elective	.3
History 121 or 122	.3
Economics 202	.3
Social Science**	.6
Mathematics	.6
Biology 101	.4
Chemistry 101	.4
Health Education 100	.1
Physical Education Activity Courses	.3
<b>TOTAL</b>	<b>48</b>

\*Art 120 is required for Option I, II and III. Art 221 is required for Option II.

\*\*Sociology 441 required for Option I; Government 215 or 216 required for Options II and III.

## Home Economics Requirements (for all options)

Home Economics 101	.3
Home Economics 127, 128	.6
Home Economics 133, 134	.6
Home Economics 242, 243	.6
Home Economics 306, 347	.7
Home Economics 441, 442	.6
<b>TOTAL</b>	<b>34</b>

## Option I — Home Economics Education

Psychology 250	.3
Education 402, 480, 482, 484, 486, 488	.18
Home Economics 222, 325, or 424	.3
Home Economics 235	.3
Home Economics 348	.3
Home Economics 356, 357	.6
<b>TOTAL</b>	<b>36</b>

## Option II — Clothing and Textiles

Psychology 133 or 250	.3
Chemistry 205, 206	.8
Home Economics 325 or 424	.3
Home Economics 323	.3
Home Economics 324	.3
Home Economics 348	.3
Home Economics 432	.3
	<b>26</b>

## plus 18 semester hours from:

Chemistry 102	.4
Sociology 221	.3
French	12
Business Education 251 and/or 454	.3
Home Economics 222, 304, 325, 424	.3
Home Economics 465	.3
Home Economics 522	.3

## Option III — Food and Nutrition

Psychology 133 or 250	.3
Chemistry 102	.4
Biology 206-207 or 309 or Chemistry 205	12
Home Economics 235	.3
Home Economics 430	.3
Home Economics 432	.3
	28

## plus 16 hours from:

English 223 or 323	.3
Business Education 241 or 454	.3
Art 221	.3
Home Economics 431	.4
Home Economics 433	.3
Home Economics 465	.3
Electives	.3

NOTE: In Options II and III 126 hours are required for graduation; 128 hours are required for Option I. Students must have a cumulative average of 2.0 and a 2.0 average in all major courses.



## COURSE REQUIREMENTS

## MATHEMATICS MAJOR

## B S DEGREE

General Education Requirements	Credits
Art, Music or Dramatic Arts . . . . .	.6
English 100 . . . . .	.3
Literature . . . . .	.6
Humanities Elective . . . . .	.3
History 121 or 122 . . . . .	.3
Mathematics 161, 162* . . . . .	.6
Social Science . . . . .	.9
Science . . . . .	.8
Health Education 100 . . . . .	.1
Physical Education Activity Courses . . . . .	.3
<b>TOTAL</b>	<b>48</b>

\*May be by-passed. See page

## Major Requirements(all majors)

Mathematics 261, 262 . . . . .	.10
Mathematics 342, 343 . . . . .	.6
Mathematics 361 . . . . .	.3
Mathematics 471 . . . . .	.3
<b>TOTAL</b>	<b>22</b>

## Option I Major Requirements (for certification)

Mathematics 235, 236 . . . . .	.6
Mathematics electives** . . . . .	.6
<b>TOTAL</b>	<b>12</b>

## Option II Major Requirements (for liberal arts)

Mathematics Electives** . . . . .	.12
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\*\*Mathematics electives are to be chosen from courses numbered 200 or above, but will not include Mathematics 323, 451 or 523. Mathematics electives to fulfill major requirements may be taken at Hampden-Sydney College with prior approval of the chairman of the Department of Mathematics at Longwood. In particular, computer science and applied mathematics electives must be taken at Hampden-Sydney College

Students seeking the B A degree must take 3 semester hours of one foreign language at the 200 level.

The following courses must be taken for teaching certification

Mathematics 451 . . . . .	.3
Psychology 250 . . . . .	.3
Education 455 . . . . .	.3
Education 402, 480, 482, 484, 486, 488 . . . . .	.18
<b>TOTAL</b>	<b>27</b>

NOTE: 126 hours are required for graduation, with a cumulative average of 2.0 and a 2.0 average in all major courses. If teaching certification is desired, 128 hours are required with a cumulative average of 2.0 and a 2.0 average in all major courses.

## COURSE REQUIREMENTS

## MUSIC MAJOR

## B A DEGREE

General Education Requirements	Credits
Art, Music, or Dramatic Arts Elective . . . . .	.6
English 100 . . . . .	.3
Literature . . . . .	.6
Literature, Philosophy, or Religion . . . . .	.3
Foreign Language at the 200 level . . . . .	.3
History 121 or 122 . . . . .	.3
Social Science . . . . .	.9
Mathematics . . . . .	.6
Science . . . . .	.8
Health Education 100 . . . . .	.1
Physical Education Activity Courses . . . . .	.3
<b>TOTAL</b>	<b>51</b>
<b>Major Requirements</b>	
Music 115, 116 . . . . .	.4
Music 117, 118 . . . . .	.2
Music 127, 128 . . . . .	.2
Music 215, 216 . . . . .	.4
Music 217, 218 . . . . .	.2
Music 227, 228 . . . . .	.2
Music 327 . . . . .	.3
Music 431, 432 . . . . .	.6
Music Electives . . . . .	.6
Applied Concentration . . . . .	.12
<b>TOTAL</b>	<b>43</b>

NOTE: 126 hours are required for graduation, with a cumulative average of 2.0 and a 2.0 average in all major courses.

## COURSE REQUIREMENTS

## BACHELOR OF MUSIC EDUCATION DEGREE

General Education Requirements	Credits
English 100 . . . . .	3
Literature . . . . .	6
Literature or Philosophy . . . . .	3
History 121 or 122 . . . . .	3
Social Science . . . . .	9
Mathematics . . . . .	6
Science . . . . .	8
Health Education 100 . . . . .	1
Physical Education Activity Courses . . . . .	3
<b>TOTAL</b>	<b>42</b>

## Major Requirements

Music 115, 116 . . . . .	4
Music 117, 118 . . . . .	2
Music 127, 128 . . . . .	2
Music 215, 216 . . . . .	4
Music 217, 218 . . . . .	2
Music 227, 228 . . . . .	2
Music 315, 316 . . . . .	2
Music 327 . . . . .	3
Music 343 . . . . .	3
Music 344 or 348 . . . . .	2 or 3
Music 431, 432 . . . . .	6
Music concentration . . . . .	14
Music proficiency . . . . .	4
Music elective or ensemble . . . . .	6
Music literature (concentration area) . . . . .	2
<b>TOTAL</b>	<b>58 or 59</b>

The following courses must be taken for teaching certification:

Psychology 250 . . . . .	3
Education 455 . . . . .	3
Education 402, 480, 482, 484, 486, 488 . . . . .	18
<b>TOTAL</b>	<b>24</b>

NOTE: 128 hours are required for graduation, with a cumulative average of 2.0 and a 2.0 average in all major courses.



## COURSE REQUIREMENTS

## BIOLOGY MAJOR

## B S DEGREE

General Education Requirements	Credits
Art, Music or Dramatic Arts . . . . .	.6
English 100 . . . . .	.3
Literature . . . . .	.6
Humanities Elective . . . . .	.3
History 121 or 122 . . . . .	.3
Social Science . . . . .	.9
Biology 102, 103 . . . . .	.8
Mathematics 161, 162 . . . . .	.6
Health Education 100 . . . . .	.1
Physical Education Activity Courses . . . . .	.3
<b>TOTAL</b>	<b>48</b>

## Major Requirements

Chemistry 101, 102 or 205 . . . . .	.8
Physics 101 . . . . .	.4
Biology electives . . . . .	.26
<b>TOTAL</b>	<b>38</b>

Students seeking the B A degree must take 3 semester hours of one foreign language at the 200 level.

The following courses must be taken for teaching certification:

Psychology 250 . . . . .	.3
Education 455 . . . . .	.3
Education 402, 480, 482, 484, 486, 488 . . . . .	.18
<b>TOTAL</b>	<b>24</b>

NOTE: 126 hours are required for graduation, with a cumulative average of 2.0 and a 2.0 average in all major courses. If teaching certification is desired, 128 hours are required for graduation with a cumulative average of 2.0 and a 2.0 average in all major courses.

## COURSE REQUIREMENTS

## CHEMISTRY MAJOR

## B S DEGREE

## General Education Requirements

## Credits

Art, Music or Dramatic Arts	.6
English 100	.3
Literature	.6
Humanities Elective	.3
History 121 or 122	.3
Social Science	.9
Chemistry 101, 102	.8
Mathematics 161, 162	.6
Health education 100	.1
Physical Education Activity Courses	.3
<b>TOTAL</b>	<b>48</b>

## Major Requirements

Mathematics 261, 262	.10
Physics 101, 102	.8
Chemistry electives*	.24
<b>TOTAL</b>	<b>42</b>

\*Must include courses in the areas of analytical, organic and physical chemistry.

Students seeking the B A degree must take 3 semester hours of one foreign language at the 200 level.

The following courses must be taken for teaching certification:

Psychology 250	.3
Education 455	.3
Education 402, 480, 482, 484, 486, 488	.18
<b>TOTAL</b>	<b>24</b>

NOTE: 126 hours are required for graduation, with a cumulative average of 2.0 and a 2.0 average in all major courses. If teaching certification is desired, 128 hours are required for graduation with a cumulative average of 2.0 and a 2.0 average in all major courses.

## COURSE REQUIREMENTS

## EARTH SCIENCE MAJOR

## B S DEGREE

General Education Requirements	Credits
Art, Music or Dramatic Arts . . . . .	.6
English 100 . . . . .	.3
Literature . . . . .	.6
Humanities Elective . . . . .	.3
History 121 or 122 . . . . .	.3
Social Science . . . . .	.9
Biology 102, 103 . . . . .	.8
Mathematics 161, 162 . . . . .	.6
Health Education 100 . . . . .	.1
Physical Education Activity Courses . . . . .	.3
<b>TOTAL</b>	<b>48</b>
<b>Major Requirements</b>	
Chemistry 101, 102 . . . . .	.8
Geology 200, 201 . . . . .	.8
Physics 101, 102 . . . . .	.8
Astronomy 200, 300 . . . . .	.6
Physical Geography 251, 252 . . . . .	.6
Science 311 . . . . .	.4
<b>TOTAL</b>	<b>40</b>

Students seeking the B A degree must take 3 semester hours of one foreign language at the 200 level.

The following courses must be taken for teaching certification:

Psychology 250 . . . . .	.3
Education 455 . . . . .	.3
Education 402, 480, 482, 484, 486, 488 . . . . .	.18
<b>TOTAL</b>	<b>24</b>

NOTE: 126 hours are required for graduation, with a cumulative average of 2.0 and a 2.0 average in all major courses. If teaching certification is desired, 128 hours are required for graduation with a cumulative average of 2.0 and a 2.0 average in all major courses.



**COURSE REQUIREMENTS**  
**GENERAL SCIENCE MAJOR**  
**B S DEGREE**

General Education Requirements	Credits
Art, Music or Dramatic Arts . . . . .	.6
English 100 . . . . .	.3
Literature . . . . .	.6
Humanities Elective . . . . .	.3
History 121 or 122 . . . . .	.3
Biology 102, 103 . . . . .	.8
Social Science . . . . .	.9
Mathematics 161, 162 . . . . .	.6
Health Education 100 . . . . .	.1
Physical Education Activity Courses . . . . .	.3
<b>TOTAL</b>	<b>48</b>

**Major Requirements**

Astronomy 200 . . . . .	.4
Chemistry 101, 102 . . . . .	.8
Physics 101, 102 . . . . .	.8
Geography 251 . . . . .	.3
Geology 200, 201 . . . . .	.8
Biology electives . . . . .	.16
or Chemistry electives . . . . .	.16
or Physics electives . . . . .	.12
<b>TOTAL</b>	<b>43 or 47</b>

Students seeking the B A degree must take 3 semester hours of one foreign language at the 200 level.

The following courses must be taken for teaching certification:

Psychology 250 . . . . .	.3
Education 455 . . . . .	.3
Education 402, 480, 482, 484, 486, 488 . . . . .	.18
<b>TOTAL</b>	<b>24</b>

NOTE: 126 hours are required for graduation, with a cumulative average of 2.0 and a 2.0 average in all major courses. If teaching certification is desired, 128 hours are required for graduation with a cumulative average of 2.0 and a 2.0 average in all major courses.

## COURSE REQUIREMENTS

## PHYSICS MAJOR

## B S DEGREE

General Education Requirements	Credits
Art, Music or Dramatic Arts . . . . .	.6
English 100 . . . . .	.3
Literature . . . . .	.6
Humanities Elective . . . . .	.3
History 121 or 122 . . . . .	.3
Physics 101, 102 or 201, 202 . . . . .	.8
Social Science . . . . .	.9
Mathematics 161, 162 or 164 . . . . .	.6
Health Education 100 . . . . .	.1
Physical Education Activity Courses . . . . .	.3
<b>TOTAL</b>	<b>48</b>

## Major Requirements

Astronomy 200, Biology 101, Chemistry 101 or Science 102* . . . . .	.4
Mathematics 261, 262 . . . . .	.10
Mathematics 361 . . . . .	.3
Mathematics 460 . . . . .	.3
Physics 321 . . . . .	.4
Physics 331 . . . . .	.4
Physics 324, 326 or 341 . . . . .	.4
Physics 352 . . . . .	.4
Physics electives . . . . .	.8
<b>TOTAL</b>	<b>44</b>

\*Physics majors not seeking teacher certification must take Chemistry 101, 102 (8 hours) for a total major requirement of 48 hours.

Students seeking the B A degree must take 3 semester hours of one foreign language at the 200 level.

The following courses must be taken for teaching certification:

Psychology 250 . . . . .	.3
Education 455 . . . . .	.3
Education 402, 480, 482, 484, 486, 488 . . . . .	.18
<b>TOTAL</b>	<b>24</b>

NOTE: 126 hours are required for graduation, with a cumulative average of 2.0 and a 2.0 average in all major courses. If teaching certification is desired, 128 hours are required for graduation with a cumulative average of 2.0 and a 2.0 average in all major courses.

## COURSE REQUIREMENTS

## PRE-DENTAL HYGIENE

(VCU-MCV)

Requirements	Credits
Biology 101, 103 . . . . .	8
Chemistry 101, 102 . . . . .	8
English 100 . . . . .	3
English elective . . . . .	3
Psychology 133* . . . . .	3
Sociology 221* . . . . .	3
Speech 101* . . . . .	3
Electives** . . . . .	29
<b>TOTAL</b>	<b>60</b>

\*Strongly recommended.

\*\*Recommended elective areas: art, foreign language, mathematics, philosophy, physics, social science.

## PRE-PHARMACY

(VCU-MCV)

Biology 102, 103 . . . . .	8
Chemistry 101, 102 . . . . .	8
Economics 202 . . . . .	3
English 100 . . . . .	3
Literature . . . . .	3
Mathematics 161, 162 . . . . .	6
Physics 101, 102 . . . . .	8
Electives* . . . . .	24
<b>TOTAL</b>	<b>63</b>

\*Only six semester hours of electives may be in the sciences. Eighteen hours must be in the humanities and social sciences. Business and physical education are not acceptable.

## PRE-PHYSICAL THERAPY

(VCU-MCV)

Biology 101, 103 . . . . .	8
Chemistry 101, 102 . . . . .	8
English 100 . . . . .	3
English literature . . . . .	3
Mathematics 161, 162 . . . . .	6
Social Science* . . . . .	6
Physics 101, 102 . . . . .	8
Psychology 133, 240 . . . . .	6
Electives** . . . . .	16
<b>TOTAL</b>	<b>64</b>

\*Select from Anthropology 201, Economics 202, History 111, 112, 221, 222, Philosophy 260, Sociology 221.

\*\*Recommended electives: Biology 206-207, Physical Education 105, 106, Mathematics or Foreign Language.



## COURSE REQUIREMENTS

## PRE-MEDICAL TECHNOLOGY

(FAIRFAX HOSPITAL, MEMORIAL HOSPITAL of DANVILLE,  
ROANOKE MEMORIAL HOSPITAL, UNIVERSITY OF VIRGINIA)

## B S DEGREE GRANTED BY LONGWOOD

## General Education Requirements\* Credits

Art, Music or Dramatic Arts . . . . .	.6
English 100 . . . . .	.3
Literature . . . . .	.6
Humanities Elective . . . . .	.3
History 121 or 122 . . . . .	.3
Social Science . . . . .	.9
Biology 101, 103 . . . . .	.8
Mathematics 161, 162 . . . . .	.6
Health Education 100 . . . . .	.1
Physical Education Activity Courses . . . . .	.3
<b>TOTAL</b> . . . . .	<b>48</b>

## Major Requirements (Longwood)

Biology 206-207, or 309 and elective . . . . .	.8
Chemistry 101, 102 . . . . .	.8
Chemistry 201, 202, 205 or 206 . . . . .	.8
Electives . . . . .	.24
<b>TOTAL</b> . . . . .	<b>48</b>

## Major Requirements (affiliated schools)

University of Virginia . . . . .	.38
Others . . . . .	.30

NOTE: 126 hours are required for graduation, with a cumulative average of 2.0 and a 2.0 average in all major courses.

## PRE-MEDICAL TECHNOLOGY

## (VCU-MCV)

Biology 101 . . . . .	.4
Biology 206-207, 309 . . . . .	.12
Chemistry 101, 102 . . . . .	.8
Chemistry 201 . . . . .	.4
Chemistry 205 . . . . .	.4
English 100 . . . . .	.3
Literature . . . . .	.3
Mathematics 161 . . . . .	.3
Electives* . . . . .	.19
<b>TOTAL</b> . . . . .	<b>60</b>

\*Select from Humanities and Social Sciences. Mathematics 162 strongly recommended.

## COURSE REQUIREMENTS

## PRE-NURSING CURRICULUM

## (UNIVERSITY OF VIRGINIA)

Requirements	Credits
Biology 101 . . . . .	4
Biology 206-207 . . . . .	8
Biology 309 . . . . .	4
Chemistry 101, 102 . . . . .	8
English 100 . . . . .	3
Humanities* . . . . .	9
Psychology 133 . . . . .	3
Social Science** . . . . .	12
Sociology 221 . . . . .	3
Electives*** . . . . .	6
<b>TOTAL</b> . . . . .	<b>60</b>

\*Select from art, music, drama, philosophy, literature, religion, foreign languages or speech.

\*\*Select from Anthropology 201, Economics 202, Government 201, Geography 201, History 111, 112, 121, 122, Psychology 240, 250, or Sociology 230.

\*\*\*Physical Education will not be accepted as transfer credit. Recommended electives are organic chemistry, mathematics, physics, and nutrition.

## PRE-NURSING CURRICULUM

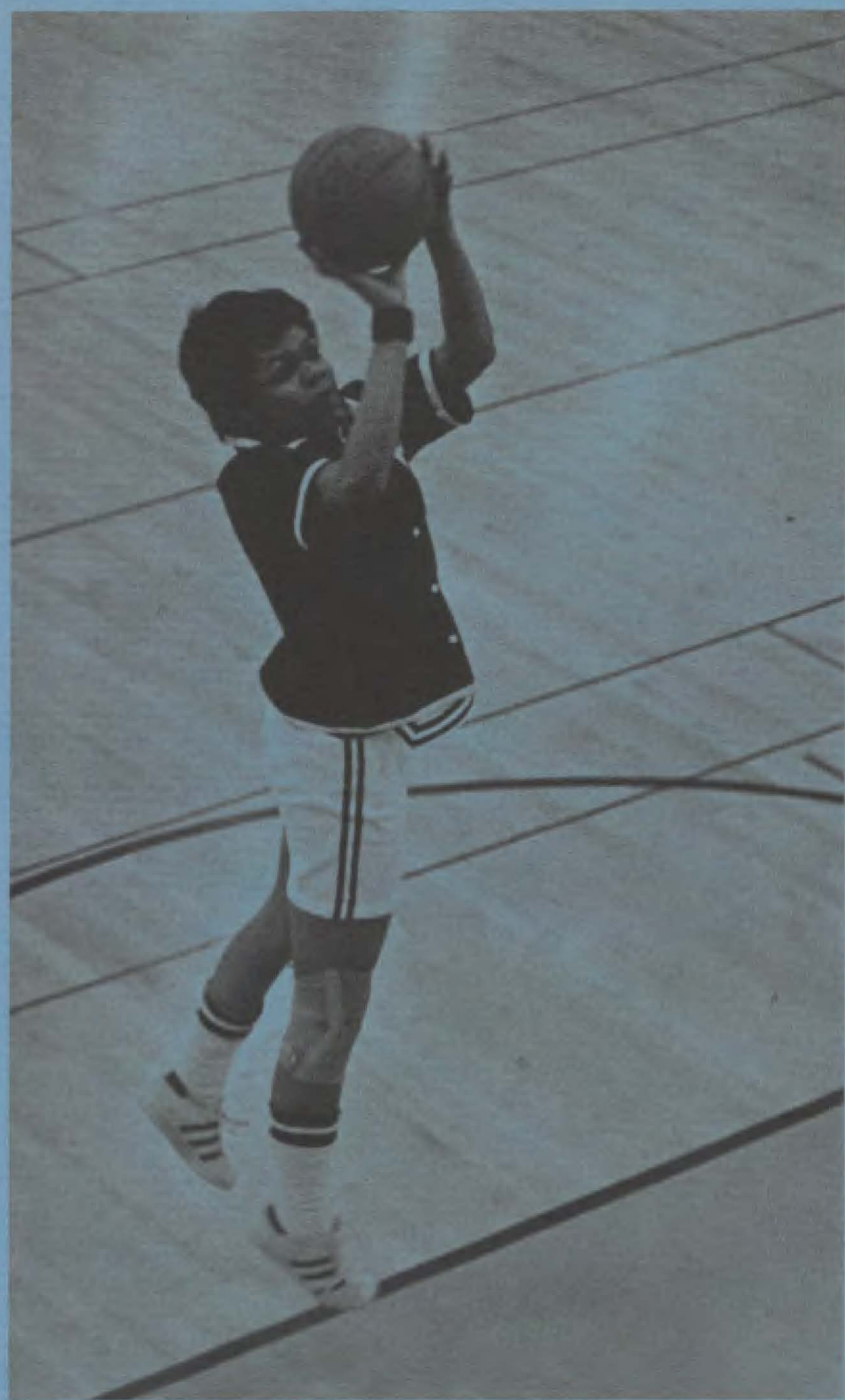
## (VCU-MCV)

Anthropology 201, Psychology 240, 250, or Sociology 230 . . . . .	6
Biology 101 or 103* . . . . .	4
Chemistry 101, 102 . . . . .	8
English 100 . . . . .	3
History 111, 112 or 121, 122 . . . . .	6
Humanities** . . . . .	12
Literature . . . . .	3
Mathematics 161 . . . . .	3
Psychology 133 . . . . .	3
Sociology 221 . . . . .	3
Electives*** . . . . .	9
<b>TOTAL</b> . . . . .	<b>60</b>

\*Both recommended.

\*\*Select from art, music, drama, philosophy, literature, religion or foreign languages.

\*\*\*Only three hours of activity courses (such as physical education, chorus, typing, etc.) are acceptable. Physics, statistics, and logic are recommended.





# Alumnae Association

The object of the Longwood College Alumnae Association is to promote the interests of Longwood, to maintain among its graduates and former students a spirit of fellowship and service, and to help in promoting better education in Virginia. The Alumnae Association serves both the College and its former students. The Alumnae are informed of the activities and plans of the College and the College is made aware of the needs and the continuing interests and contributions of the Alumnae. The Association and the College work together for the mutual benefit of Longwood.

The Alumnae Association is proud of the many active local alumnae chapters throughout Virginia: four in North Carolina; one in Maryland; one in Georgia; and one in Pennsylvania. These chapters stay in close touch with the members through meetings, fund-raising projects and social events. One of their objectives is to interest students in attending Longwood. Many chapters present scholarships to deserving high school seniors and entertain prospective students.

The Alumnae Association maintains a record of former students, keeps the class lists revised, holds reunions and an annual business meeting on Founders Day, and entertains the college students at various class functions. The Alumnae House is used by college guests and alumnae in addition to serving as a place for meetings and social gatherings held by college-related groups.

The Alumnae Association publishes the Alumnae Magazine which is mailed to more than eleven thousand alumnae throughout the United States and many foreign countries. Financial support is realized through fund appeal drives to the Alumnae, the operation of the Snack Bar on campus, chapter contributions, and the sale of Longwood Wedgewood China, notepaper, and Blue and White Cookbooks.

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Academic Buildings . . . . .	7	English & Philosophy . . . . .	73,138
Academic honors . . . . .	47	Examinations . . . . .	48
Academic probation . . . . .	44	Faculty . . . . .	178
Academic regulations . . . . .	41	Fees . . . . .	29
Accreditation . . . . .	14	Financial assistance . . . . .	33
Adjustments in curriculum requirements . . . . .	41	Financial information . . . . .	29
Administrative officers . . . . .	174	Foreign Languages . . . . .	81,143
Admissions requirements . . . . .	15	Geist . . . . .	21
Admission to the Program of Teacher Education . . . . .	46	General education requirements . . . . .	51
Advanced Placement . . . . .	42	Grades . . . . .	43
Alumnae Association . . . . .	169	Graduate Program . . . . .	54
Application blank . . . . .	189	Graduation requirements . . . . .	49
Application fee . . . . .	30	Guests . . . . .	33
Art . . . . .	59, 130	Gymnasium suits . . . . .	32
Art building . . . . .	10	Health, Physical Education and Recreation . . . . .	85,146
Art Education . . . . .	131	Health service . . . . .	19
Athletic Association . . . . .	23	History & Social Sciences . . . . .	91,148
Athletic facilities . . . . .	10	History of the College . . . . .	5
Auditorium . . . . .	8	Home Economics . . . . .	104,155
Automobile registration . . . . .	32	Home management house . . . . .	9
Board of Visitors . . . . .	173	Honor Code . . . . .	23
Bookstore . . . . .	12	Honorary & professional societies . . . . .	24
Business . . . . .	63, 132	Honors Program . . . . .	57
Campus & Buildings . . . . .	7	Infirmary . . . . .	12
Campus School . . . . .	10	Installment Payment of Fees . . . . .	39
Career Information and Placement Service . . . . .	16	Insurance, personal liability . . . . .	31
Changes in requirements . . . . .	50	Institute of Southern Culture . . . . .	21
Choir and Chorus . . . . .	21	Judicial Board . . . . .	23
Class attendance . . . . .	42	Laboratories . . . . .	8
Classrooms . . . . .	7	Laundry . . . . .	12
Closed-Circuit television . . . . .	9	Legislative Board . . . . .	22
College year . . . . .	13	Library . . . . .	7
Commencement . . . . .	14	Library Science . . . . .	108
Cooperative Program with Hampden-Sydney College . . . . .	15, 50	Loan funds . . . . .	34
Counseling . . . . .	16, 19	Location of College . . . . .	6
Course changes . . . . .	41	Mathematics . . . . .	108,157
Course numbers . . . . .	41	Music . . . . .	111,158
Course Requirements . . . . .	127	Music building . . . . .	9
Cultural, social and recreational life . . . . .	21	Natural Sciences . . . . .	116, 160
Day students . . . . .	29	Out-of-state students . . . . .	29
Degrees . . . . .	53	Overload . . . . .	30
Departments . . . . .	57	Post Office . . . . .	12
Dining hall . . . . .	12	Programs of Study . . . . .	51
Diploma fee . . . . .	32	Publications . . . . .	27
Education & Psychology . . . . .	67,136,137	Quality credits . . . . .	44
Employment . . . . .	33	Recreation centers . . . . .	12
		Re-examination fee . . . . .	32
		Refunds . . . . .	32
		Repetition of courses . . . . .	48
		Residence Board . . . . .	23

Residence halls . . . . .	10
Scholarships . . . . .	34
Social regulations . . . . .	22
Sororities . . . . .	26
Speech & Dramatic Arts . . . .	121, 141
Student Activity Centers . . . . .	12
Student Government Association . . .	22
Student life on campus . . . . .	19
Student load . . . . .	41
Student organizations . . . . .	25

Student personnel program . . . . .	17
Student teaching . . . . .	45
Student teaching centers . . . . .	13
Support Facilities . . . . .	12
Transfer of credits . . . . .	48
Transfer students, requirements for . . . . .	16
YWCA . . . . .	23





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## NOTES



## NOTES

Art Consultant: Barbara L. Bishop

Photographs by: Barbara B. Smith  
Carolyn Wells



