1972

1972-1973 General Bulletin

Bowling Green State University

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THE ACADEMIC OBJECTIVES

It is the aim of the University to provide each student a climate which motivates intellectual and moral growth, promotes habits of mental and physical health, encourages appreciation of the good and beautiful, and develops powers of judgment and wisdom in handling knowledge and skills. This aim can best be furthered by a conscientious search for truth with respect for the beliefs of all persons but without prejudice toward any specific doctrine or creed. The extent to which these aims are fulfilled depends largely upon the character of the faculty and the philosophical milieu of the institution. For this reason the University seeks to select and provide highly qualified faculty members who can help achieve these goals.

In addition, the University insists upon the achievement by every student of a reasonable mastery of the skills of reading, writing, speaking, and thinking including problem solving and critical and creative thought.

Further, the University seeks to guide each student to a meaningful experience in American culture as well as in major areas of basic knowledge such as science and mathematics, social and economic studies, the humanities, and the arts.

Finally, it is the aim of the University to provide for each student significant programs of in-depth study which are conducive to an understanding of the contemporary world.

THE UNIVERSITY

Bowling Green State University is state-assisted. Private support is administered through the University Development Council in conjunction with the Bowling Green University Foundation, Inc. The main campus is located in Bowling Green, Ohio, 23 miles south of Toledo and 15 miles south of the Ohio Turnpike. The University also provides the first two years of college in academic centers in Bryan, Fostoria, and Fremont and in the Firelands Branch located near Sandusky.

THE HISTORY

The history of the University began on January 24, 1910, when John Hamilton Lowry, representative from Henry County, introduced a bill in the Ohio General Assembly “to provide for the appointment of a commission to establish two normal schools and to provide for the maintenance thereof.”

The bill was passed on May 10, 1910, and approved by Governor Judson Harmon nine days later. On November 22 of that year, the city of Bowling Green was officially notified that it had been chosen as the site for the normal school to be located in northwest Ohio.

Classwork began in September of 1914; but it was not until the following year that the first two buildings — now University Hall and Williams Hall — were ready for use. In the meantime, classes met in the Armory in Bowling Green and the old Central High School in Toledo.

The General Assembly of Ohio in 1929 enacted legislation which brought about a significant expansion in the functions of the institution at Bowling Green, from
those of a normal school to a college and then to a University with facilities for a four-year liberal arts education, professional and pre-professional education, and graduate study.

ACCREDITATION AND RECOGNITION

Accreditation is accorded the University by the appropriate regional and national agencies. Each college and many departments are accredited in their respective fields.

The University is recognized by the Ohio State Department of Education for certification in all fields of teaching, school supervision, and administration for which the University conducts programs.

THE CAMPUS

Bowling Green State University is situated on a 1,200-acre campus which has over 90 academic buildings and residence halls and recreational facilities to provide for the intellectual, professional, and cultural growth of a student.

CAMPUS EXPANSION

The University has completed an extended study resulting in the adoption of a flexible land-use plan. In this plan, the relationship of the physical plant to the academic needs of a growing student population has been examined, and priorities have been established for orderly growth. The following buildings have been conceived and planned as part of the University's long-range, land-use plan:

Univrsity Library. A nine-story, $4.6 million Library is the focal point of the academic community. The design, terraced grounds, open stacks, reading lounges, study carrels, and seminar rooms have been planned to encourage independent study. The Library has a capacity of 640,000 volumes. Present holdings are 364,127 volumes, 200,000 government documents, 242,000 microforms, and 3,000 periodicals.

Science-Research Complex. The University has undertaken the planning and construction of a science-research complex in five phases. Overman Hall formed the nucleus, and the Life Science Building formed the first phase. Completed in 1969, the Psychology Building and the Science-Mathematics Lecture Building are the second and third phases.

Education-General Classroom Building. A five-story, $1.9 million building furnishes classrooms, laboratories, and offices for the College of Education, the research and development programs of the Department of Education, and the University's Instructional Media Center. The new building is situated on the west end of the Library Mall.

Student Medical Center.* A $1.5 million health center, with 100 beds and out-patient services, is designed for maximum flexibility in meeting the health service and health education needs of a growing student population.

Student Services Building.* Designed to reinforce vital student government, the $1.9 million Student Services Building houses offices and meeting rooms for student organizations, the Dean of Students and his staff, and various other services including the International Student Center and bookstore. It is centrally located on the campus and features dramatic circular design.

Stadium and Track.* The football stadium, with a seating capacity of 22,370, also has six classrooms and 30 offices as well as team equipment storage facilities. The adjacent all-weather, quarter-mile track and stadium are served by a 4,000-car parking lot.

Ice Arena.* The indoor ice arena has three separate sheets of ice for hockey, figure skating, and curling. The hockey rink has a seating capacity for approximately 3,000. The arena provides facilities for health and physical education classes, intramural programs, exhibition hockey, and recreation for students and the public.

College of Business Administration Building. A three-story $2.39 million structure in the core of the academic area provides classrooms, lecture rooms, seminars and offices along with computer training capabilities for undergraduate and graduate students.

* Constructed, equipped, and operated without tax funds.
**Industrial Education and Technology Building.** This $1.92 million unit is the first of a two-phase program to provide classrooms, laboratories, and spaces for manufacturing simulation and a variety of related technologies.

**ACADEMIC ORGANIZATION**

Courses of instruction leading to degrees are provided through: 1. The College of Arts and Sciences which includes the School of Art; 2. The College of Business Administration which includes the School of Journalism; 3. The College of Education; 4. The School of Music; 5. The Graduate School.

Four-year undergraduate programs are available leading to the degrees of Bachelor of Arts, Bachelor of Fine Arts, Bachelor of Liberal Studies, Bachelor of Science in Business Administration, Bachelor of Science in Economics, Bachelor of Science in Education, Bachelor of Music, Bachelor of Science, Bachelor of Science in Journalism, and Bachelor of Science in Technology.

Graduate instruction is provided leading to the degrees of Master of Accountancy, Master of Arts, Master of Arts in Teaching, Master of Business Administration, Master of Education, Master of Fine Arts, Master of Music, Specialist in Education, and Doctor of Philosophy.

An undergraduate student enrolls in one of the three colleges—Arts and Sciences, Business Administration, or Education—or in the School of Music. One who has been graduated with the bachelor's degree and who wishes to do advanced study in some particular field enrolls in the Graduate School. Further information regarding graduate study is given in the *Graduate Bulletin*.

**THE ACADEMIC YEAR**

The academic year is divided into three quarters of approximately 11 weeks each. The Calendar for 1972-73 is printed on the inside back cover of this *Bulletin*.

**SUMMER SESSION**

Summer Session is conducted as a regular part of the academic program. It consists of a regular summer quarter and two terms superimposed upon the quarter. Each term is complete within itself. A student may enroll both for courses extending through the quarter and for one or both terms. A pre-term during which a number of special workshops are offered is scheduled the week prior to the start of the first five-week term.

The Summer Session provides courses for the student who wishes to advance his learning in a particular field of study, to meet teacher certification requirements, to accelerate his college work, or to do graduate study.

Further information and announcement of courses and workshops are given in the *Summer Bulletin* which is published in March of each year.

**THE COMPUTATION CENTER**

The Computation Center's facilities are available for use by researchers, students, faculty and staff. Equipment consists of a large scale batch computer supporting all popular language translators, strategically located remote batch terminals, a limited number of interactive programming terminals, a small flat-bed plotter, and an administrative terminal system for on line update and inquiry. Smaller independent systems are in use, or planned for use, to support: numerical control machine processes, graphic terminals, time sharing activity, interactive programming, test equipment and sensor monitoring, and research.

The Research and Instructional Director maintains a staff of consultants who are available to provide consulting services to users of the many test scoring, modeling, and statistical software packages maintained by the Computation Center. A comprehensive list of available hardware, software, and documentation is available upon request.

**COUNSELING SERVICES**

The Counseling Center provides basic counseling services including those of vocational, educational, and personal-social counseling which are available without
cost to the student. The Counseling Center also coordinates other specialized
counseling and guidance services. Services of the Counseling Center are available
to the student at his request by reporting to the Center.

Clinics offer specialized counseling and remedial or correctional assistance to
the student. The Reading Center provides diagnostic testing and counseling in
reading and gives instruction and practice in reading improvement. The Speech and
Hearing Clinic assists the student who has a problem in speech or hearing.

The Psychological Services Center provides psychological evaluation and aid on
a limited basis through referral by the Counseling Center and Student Medical
Center as well as by self-referral of the student. Other services include counseling
by head residents and resident assistants in residence halls and counseling on health
problems by University physicians.

Diagnostic and short-term psychiatric aid is available through referral by the
Student Medical Center.

UNIVERSITY HEALTH SERVICE

The Student Health Service provides the highest quality medical and dental care
for the student population of the University. Complete care encompasses several
areas relative to the physical, mental, and emotional well-being of the student.

Primarily, the concern of the Health Service is the maintenance of the physical
health of the student, whether it be through treatment of personal physical injury and
illness, detection and solution of environmental dangers and safety hazards, or the
application of preventive medicine procedures.

With ever-increasing importance, the concern of the Health Service is the
perpetuation of the mental and emotional well-being of the student. Treatment
is rendered to an individual through appropriate drug therapy, through
referral to the psychiatrist, or through the assistance of a psychological counselor
as indicated by the nature and severity of the disability.

The Student Health Service provides treatment for dental emergency and urgent
cases only. Charges for care are made for dental work. These charges are similar
to local dentists’ fees.

Regular clinic hours are 8:30 a.m. to 11:45 a.m. and 1 p.m. to 4:45 p.m. A
physician is on call for emergency conditions which occur after clinic
hours. Any student coming in after clinic hours is charged a $3 fee.

Every effort is made by the University to safeguard the health of each student.
The Student Medical Center has clinical facilities and hospital beds and a staff of
resident physicians, registered nurses, a physio-therapist, and X-ray and
laboratory technicians.

The Student Medical Center maintains a confidential health record of each
student throughout his college career, including the family physician’s physical
examination report and complete records of observation and treatments by
University physicians. Each student before admission to the University is required to
be vaccinated for smallpox and to have a chest X-ray or tuberculin skin test.
Other immunizations are recommended. Each student is urged to report promptly
to the Student Medical Center for attention to all illnesses and injuries.

A student may obtain University sponsored Blue Cross-Blue Shield health and
accident insurance to cover most costs of major injury or illnesses requiring
hospital care by contacting the University Business Office. The policy is written at a
reasonable cost for the calendar year and provides hospitalization both on and
off campus and treatment for accidental emergencies off campus. It also covers
outpatient X-rays and laboratory work which will be charged for, if your present
insurance doesn’t cover this. Blue Cross-Blue Shield insurance or other health
and accident insurance carried by a student or his parents may cover such medical
costs. Some form of hospitalization must be carried whether it is equivalent to
Blue Cross-Blue Shield or a waiver signed by the family that they will pay
for the student’s care.

Minimal charges are made for all medications dispensed at the Student Medical
Center Pharmacy.

Absences from classes because of illness can be excused when hospitalized
or when certified by a member of the Student Medical Center staff in accordance with University regulations.

See page 39.

The Student Medical Center is closed when school is not in session.

WITHDRAWAL FOR ILLNESS

When, in the judgment of the Director of the Student Medical Center, the physical or nervous condition of a student is such that his continuation in the University might be disadvantageous to the health or welfare of himself or others on the campus, the Dean of Students may require the withdrawal of that student from the University.

A student who withdraws from the University for reasons of mental health may not be considered for readmission for a period of six months or more after the end of treatment.

UNIVERSITY SERVICES

The University coordinates the education of a student, wherever possible, with the continual search for solutions to many social problems. It does this through research and training programs, short courses, institutes, workshops, field trips, and extension classes. The University also offers a student an opportunity for travel and study abroad for credit.

As part of his education, a student is involved in many services to the public such as those offered by the Reading Center, the Speech and Hearing Clinic, the University Theatre, and the University Broadcasting Stations.

Each year over 1,400 representatives from industry, education, and government come to the Bowling Green campus to interview degree candidates and alumni at the Office of Career Planning and Placement. Looking for potential employees, these representatives conduct more than 9,000 individual interviews at Bowling Green State University.

The five professional staff members of the Office of Career Planning and Placement provide individualized counseling to each student seeking career guidance and information. They also coordinate job vacancy information and employer recruiting. Nine clerical assistants process student and alumni credentials, arrange interview schedules, and publish vacancy listings.

The Office of Career Planning and Placement contains a complete occupational library and also provides assistance to each student interested in graduate study.

The Office of Minority Affairs is responsible for the administration of four minority programs on the Bowling Green State University campus—Ethnic Studies Program, Student Development Program, Upward Bound and Project Search. Other responsibilities include planning, development, research and evaluation of minority programs.

The Ethnic Studies Center is concerned with the study and research of various ethnic groups. The Center is committed to the development of additional courses and programs pertaining to the experience of American minority groups to the University curriculum. Currently, an interdepartmental and interdisciplinary major in Afro-American studies is offered to provide a comprehensive study of the life and experiences of the black American.

The Student Development Program at Bowling Green State University is designed to facilitate the adjustment of minority students to the collegiate community. The program provides both professional and peer counseling, academic advising, tutoring and a variety of other services leading to the development of academic skills during the freshman and sophomore years. Through this intensified, developmental counseling and advising, the program maintains an outstanding record in serving the needs of minority students at the University.

Upward Bound is a pre-college preparatory program designed to generate the skills and motivation necessary for success in education beyond high school among young people from low income backgrounds and inadequate secondary school preparation. Students participating in this project make periodic visits to the University.
campus during the school year and spend approximately six weeks each summer in residence on the campus receiving a variety of educational, social and cultural experiences. University students serve in the capacity of tutors, counselors and instructors for program participants.

Project Search is a consulting and recruitment program to actively recruit black and other minority faculty, staff and graduate students. This affirmative program of effective minority recruitment involves organization, identification, communication and persuasive encouragement of candidates to apply for announced openings.

ACADEMIC CENTERS, FIRELANDS BRANCH CAMPUS, AND RESIDENT CREDIT CENTERS

The University operates academic centers at Fostoria and Fremont, the Firelands Branch near Sandusky, and a Resident Credit Center at Northwest Technical College. A student living in or near these communities may complete up to two years of study in the Colleges of Arts and Sciences, Education, or Business Administration. The student may transfer to the main campus or to another accredited Ohio college or university to complete his baccalaureate degree program. No dormitory facilities are available at these off-campus sites.

Firelands Campus also offers two-year programs which lead to the awarding of the Associate in Applied Business and Associate in Applied Science degrees. These programs include Computer Science Technology, Environmental Technology, Executive Secretarial and Office Administration, Electronics Technology, Electro-Mechanical Technology, Manufacturing Technology, and Mechanical Design Technology. Additional programs are in the planning stage. Complete information may be obtained by corresponding directly with Firelands Campus, 901 Rye Beach Road, Huron, Ohio 44839.

Extension courses are also offered each term at the centers and at Firelands.*

* Extension courses carry upper-division or graduate credit. The number of graduate courses is increasing each year to meet the advanced certification needs of educators.
ADMISSION REQUIREMENTS

The Office of Admissions offers a personalized service to each new undergraduate student (freshman and transfer) seeking admission to the University. Its primary responsibility is to admit each qualified student in the most effective manner possible, supplying him with information which enables the student to take advantage of the educational and social opportunities offered at the University.

A close relationship with each prospective student, parent, and guidance counselor begins with the student's original inquiry and continues through the student's orientation.

The service provided for each student entering the University may include a response to any request for information describing the University; a conference on campus; the processing of an Application for Admission to the main campus, an academic center, or the Firelands Branch Campus; and the collection and distribution of data describing each new student.

For admission to Bowling Green State University, a freshman applicant must be a graduate of a senior high school approved or accredited by the Department of Education of the state in which it is located. A transfer applicant should review the transfer requirements listed on page 11 of this Bulletin.

Applications for Admission are accepted and processed for each quarter of the academic year until the capacity of the Freshman Class is reached on campus, in the several academic centers, and at the Firelands Branch of the University. A high school student is encouraged to apply for admission beginning October 1 of his senior year. Since housing accommodations and classroom facilities are limited, students are encouraged to submit their application as soon after receiving it as possible. The University does not publish fall quarter closing dates. However, during the past several years, admission has been closed for freshman women during the month of October and to freshman men in mid-January. Transfer admission closing dates are 30 days prior to the beginning of each quarter.

The University wishes to admit every qualified student who applies and is limited only by the availability of academic and residence hall facilities. As a condition of admission to the University, all freshman and sophomore level students are required to live in University residence halls, except for students commuting from the home of their parents, legal guardian, or spouse. Residence halls are assigned to designed occupancy. Although the largest number of freshmen enter in September, the University provides the opportunity for a number to enter in the spring and summer quarters.

Bowling Green State University is dedicated to the offering of equal educational opportunity to all potential students, in accordance with the policies of the state and federal governments. To this end, the University maintains active programs of equal opportunity recruitment, developmental instruction, and student assistance.

FRESHMAN ADMISSION

Ohio Resident. An Ohio applicant presenting an academic record predicting college success—high class rank, accumulative point average, and standardized test results—is considered on the basis of his high school record for six semesters.
If accepted, the student is tentatively admitted to the University pending his graduation from high school. If his admission credential is complete, notification is mailed to the student before January 15. A student not meeting this requirement may need to submit a seventh semester transcript. He may be considered for admission if facilities are available.

Formal admission is possible when evidence of a completed high school program is received by the Office of Admissions.

An Ohio applicant who is below the University standard for fall quarter admission may begin his academic program during the summer quarter. A student beginning his program during the summer quarter must attempt a minimum of 12 quarter hours. Continuation of his program to either the winter or spring quarter depends upon the quality of the student's high school record and the availability of residence hall and academic facilities.

**Nonresident.** A superior student who does not reside in Ohio may apply for admission by submitting his completed application form, his high school academic record for at least six semesters, and the results of his performance in the American College Test. No other standardized test is accepted as a substitute for the ACT requirement.

A student's admission is based on high scholastic achievement, course of study pursued, standardized test results, and recommendations from high school officials.

**RECOMMENDED HIGH SCHOOL SUBJECTS**

Since the prospective student frequently asks for a recommended list of subjects, the following is offered as a reasonable minimum distribution of high school credits in preparation for enrolling in one of the undergraduate colleges:

- English—4 units; mathematics—3 units (at least two units of algebra should be included by the student who plans to enter the College of Business Administration. Beginning the fall quarter 1974, two units of algebra will be required; social sciences—2 units (one unit should be United States history and civics); sciences—2 units (one unit of a laboratory science should be included); and electives—6 units (at least two units of one foreign language should be included in the electives by the student who plans to enter the College of Arts and Sciences).

**TRANSFER STUDENTS**

The transfer student who wishes to enroll at the University as an undergraduate uses the regular Application for Admission form. The Application for Admission must be accompanied by a $25 Application Fee. The University requires a transcript of the applicant's high school studies from the principal or guidance director of the high school from which he has graduated. Transfer students are not required to submit American College Test (ACT) results.

An official transcript of credit is required from each college and/or university the student has attended. This transcript must be mailed to the Director of Admissions by the institution and is not accepted from the student. In addition, a transfer recommendation card must be completed by the personnel dean of the last institution attended, and sent directly to the Dean of Students at Bowling Green State University. This card must be on file before formal admission can be granted.

A student who has attended another accredited college or university is considered for admission:

1. If he has earned at least 90 quarter hours with a scholastic average equivalent to a 2.0 in a 4.0 system;
2. If he has earned less than 90 quarter hours with a scholastic average equivalent to a 2.5 in a 4.0 system. A student whose accumulative average is between 2.0 and 2.5 may be considered for admission upon petition. After the initial evaluation of the student's completed admission credentials, he is sent the Petition Form by the Office of Admissions. Upon his return of this form, an admission decision concerning a student in the petition range (2.0-2.5) is made by the dean of the college to which the student is applying in consultation with the Director of Admissions.
A student who cannot meet the above transfer admission policies and who has not attended another college or university for a period of one or more years may be considered for Probationary Admission by petitioning the Director of Admissions.

A person who is awarded Probationary Admission needs to reduce his quality point deficiency by as many as four points in order to continue the following quarter. Due to limited academic and residence hall accommodations, Probationary Admission is available to the main campus for the Summer Quarter and the academic centers and Firelands campus for all quarters of the academic year.

Transfer students in engineering and related technologies. Students having received an associate degree in engineering and related technologies from an Ohio Board of Regents or regionally accredited institution may apply for admission into an upper division program in Industrial Technology. The student must apply for admission into the University and request acceptance of his associate degree. Upon acceptance the student will follow the program outline on page 95.

ADMISSION PROCEDURE

The form to be used when applying for admission to the University may be obtained by writing to the Director of Admissions. Those wishing to major or minor in music must write to the School of Music for admission forms.

The Application for Admission form is to be mailed to the Director of Admissions by the applicant. A $25 Application Fee must accompany the application of a student who previously has not been enrolled in the University. Upon receipt of the application by the Director of Admissions, a High School Transcript form is mailed to the applicant.

The High School Transcript form is for the applicant's high school record. This form is to be completed by the principal or the guidance director of the high school in which the applicant is a senior or from which he has graduated. After filling in the applicant's record, the principal or guidance director should mail the form to the Director of Admissions.

Prior to his enrollment, each applicant receives a Health Examination form on which to record his medical history, physical examination results, immunizations, and tuberculosis screening (X-ray and/or tuberculin skin test). Before the student can receive formal admission, this form must be completed and returned to the Student Medical Center by the applicant's family physician. Should a question arise concerning the health of the applicant, the Director of the Student Medical Center, upon further investigation, determines whether the applicant may be admitted to the University.

Each freshman applicant is required to submit American College Test (ACT) results. Applicants intending to enroll in baccalaureate programs should take the regular ACT battery. Those planning to enroll in two-year associate programs at the University's Firelands Campus must take the Career Planning Program (CPP) of the ACT. The student's high school counselor should be consulted for details concerning these testing programs. An applicant is encouraged to take the ACT early in his senior year of high school.

Near the end of a student's senior year of high school, the Office of Admissions mails him a form for confirmation of graduation and a supplementary listing of senior subjects, senior grades, and final class rank. The Director of Admissions grants formal admission when this form is completed and submitted by the student's guidance counselor or principal.

CORRESPONDENCE REGARDING ADMISSION

Correspondence pertaining to the admission of an undergraduate student to Bowling Green State University should be addressed to the Director of Admissions. A student who is interested in graduate study should address his correspondence to the Dean of the Graduate School, and those interested in music, to the Director of the School of Music.

SPECIAL STUDENTS

A student aged 21 or over who has not attended another college or university and who cannot meet the specified entrance requirements including the high school
graduation requirement may be admitted as a special student for one year upon his presenting evidence that he is capable of doing satisfactory work in the University. In order to continue as a student in the University, he must: 1. Secure credit for 15 acceptable units of high school work; 2. Remove by examination his deficiencies in entrance units; or 3. Earn such additional college credits beyond the number required for a degree as may be determined by the dean of his college.

ADVANCED PLACEMENT

A student entering the University with a particularly thorough background from high school may apply for advanced placement in one or more subjects in which his preparation is superior.

Advanced placement may be achieved in four ways: 1. By superior achievement on placement tests; 2. By passing a proficiency examination administered by an academic department of the University; 3. By completing a college-level course in high school and earning a prescribed grade on an Advanced Placement Program examination administered by the College Entrance Examination Board; 4. On the basis of scores on general or subject matter examinations of the College-Level Examination Program.

APPROVAL FOR ADMISSION

Approval of application by the Director of Admissions constitutes authorization for official admission to the University. Such approval is issued to an applicant only upon fulfillment of the requirements set forth in the foregoing paragraphs, clearance by the Director of the Student Medical Center, and acceptance by the applicant of the conditions of admission and enrollment as set forth in this Bulletin.

TRANSIENT STUDENTS

A student of another college or university who wishes to earn credits to transfer to that institution may be admitted as a transient student. He must present an official statement from the institution he has been attending in which it is certified that he is in good standing and that the credits he earns at Bowling Green State University are acceptable as part of his program there. Such a student is not required to file a transcript of his previous college credits, but if registered at the main campus he is limited to one course per quarter during the academic year.

READMISSION OF FORMER STUDENTS

A student who has not been in continuous attendance during the regular academic year (excluding Summer School) must complete the Application for Readmission form. A copy of this form may be obtained by writing to the Registrar. The readmission of a former student is determined by his past academic and personal records at the University and by the availability of facilities. A former student who has transferred to another college or university since his last enrollment at Bowling Green State University may be considered for readmission as a transfer student and, as such, must submit the Application for Readmission form and a complete transcript of his scholastic record and evidence of his good standing, both personal and academic, at the institution from which he is transferring.

COLLEGE CREDIT PROGRAM

The program is designed to offer to high school students possessing general or specific academic talent the opportunity to take course work unavailable at their own institution.

Students living within commuting distance of Bowling Green may enroll in courses at the University during the academic year while taking the remainder of their work at high school. During the summer, students may take either one or two courses each session, or utilize the facilities of the full quarter.

A student with exceptional academic background may wish to register for a full load at the University. This can be arranged on the express condition that his high school will accept appropriate course work taken at Bowling Green for completion of diploma requirements. The student would then spend his senior year in residence on campus instead of attending high school classes.
A student whose (1) academic record is of "A" and "B" caliber, or (2) accumulative point average may be low but whose talents or strengths in a particular area are worthy of pursuit at the college level, may apply by submitting a letter of application to the Director of the Office of Experimental Studies explaining specifically his aims and how the University course work is to be coordinated with his high school program. In addition, a transcript from the high school and a letter from the principal supporting the application must be submitted.

OFFICE OF EXPERIMENTAL STUDIES
The function of the Office is to originate and administer programs designed to appeal to specific students. Currently these programs include Academic Acceleration—geared to the high achiever; Independent Study Program—open to any student from the sophomore through senior year, the program encourages the participant to embark upon a project or research design provided he is able to defend his proposal before an appropriate member of the faculty under whose guidance he has chosen to work; Seminar Electives—a quarterly series of seminars which, while predominantly intellectual in content, seek to challenge the varied backgrounds of the participants, and provide a creative outlet for faculty and highly motivated learners.

CREDIT BY EXAMINATION
A student may, upon formal approval of a petition to the dean of his college, be granted permission to earn credit by examination. Approval is given when it is clearly evident that previous study or experience warrants such a privilege. A student may not ordinarily take an examination for credit in any course which:
1. Has significant similarity of content with;
2. Has a lower level of required knowledge or proficiency than;
3. Is a prerequisite for other courses which he has completed. A detailed statement of policy governing credit by examination is available in the offices of the deans of the colleges.

FOREIGN STUDENTS
Students from more than 40 foreign countries are enrolled at the University. Well-qualified foreign students students are welcomed at the University where their participation is sought as an enrichment of educational opportunities for all students. Persons interested in applying for admission as foreign students should write the Director of International Programs, Bowling Green State University.

GRADUATE STUDY
In general, a student holding the bachelor's degree from a college or university on the approved list of a regional accrediting agency may be considered for admission to graduate study. However, the possession of an undergraduate degree is not the only determinant. The student must have a purpose consistent with Graduate School academic programs, and he must present evidence of a broad and thorough undergraduate preparation in which he has achieved a better than average scholastic record. A student who plans to enter the Graduate School may find a complete statement of admission requirements and a listing of graduate courses in the Graduate Bulletin.

CLASSIFICATION OF STUDENTS
Classification of a student as a freshman, sophomore, junior, or senior is determined on the basis of credit hours earned.
A student is classified as a freshman until he has earned 25 per cent of the total credit hours required in his baccalaureate degree program.
A student is classified as a sophomore when he has earned 25 per cent but less than 50 per cent of the total credit hours required in his degree program.
A student is classified as a junior when he has earned 50 per cent but less than 75 per cent of the total credit hours required in his degree program.
A student is classified as a senior when he has earned at least 75 per cent of the
total credit hours required in his degree program but has not yet qualified for graduation.

A student who is enrolled for undergraduate course work but who does not have a degree goal is an unclassified undergraduate student. A student who has earned a degree and who desires to register for undergraduate courses without pursuing another degree enrolls as an unclassified undergraduate student.

A student is classified as follows in a baccalaureate degree program requiring a total of 183 quarter hours: freshman, 0-44 hours; sophomore, 45-89 hours; junior, 90-134 hours; senior, 135 hours to graduation.
The Office of the Registrar is responsible for each student's registration for classes and for the academic records of each student.

Services provided include issuing transcripts of credit upon request of the student, processing applications for teacher certification, obtaining benefits under Veterans Education and Social Security Acts, and handling relations for each undergraduate student with the student's local draft board.

This office also processes an Application for Readmission from a former student, evaluates credentials from other colleges and universities, and determines the eligibility of a student for participation in athletics and membership in honor societies.

A student's identification card also is obtained through this office.

Although nearly every freshman enters in September, the University provides the opportunity for a number to enter each year in the winter, spring, and summer quarters.

SUMMER PRE-REGISTRATION

Each freshman or transfer student admitted to the fall quarter is invited to the campus with his parents during the preceding summer. During the two days he is on the campus, the student takes placement, speech and hearing, and academic aptitude tests and attends various meetings with the dean of his college or his faculty adviser. Each student also completes his fall schedule of classes with the aid of the dean. He may purchase his textbooks at this time.

A schedule of events also is planned for the parents. This program includes a campus tour and sessions with academic deans, student personnel deans, and faculty members.

ORIENTATION

The orientation program for every new student includes a convocation, meetings to assist the student in his cultural and academic adjustment to the University, and various social events. During the orientation period, the student completes his registration for classes, learns the procedures for using the library, and is informed about campus organizations and student activities. Much of the program is carried on in small groups with faculty, administrative staff members, and upperclass students serving as discussion leaders.

Orientation activities constitute a regular part of the quarter, and attendance is required of each new student.

TIME OF REGISTRATION

Since late entrance is a handicap to academic achievement, every student is expected to register for classes during the time announced for registration.

No student entering after the close of the first week of a quarter is permitted to carry a full program of courses without the permission of the dean of the college in which he is enrolled.
CHANGES IN REGISTRATION

After the registration period has been completed, all changes must be processed at the Office of the Registrar in accordance with the policy of the college in which the student is enrolled. No undergraduate may enroll in a course after seven calendar days from the beginning of classes in any quarter.

An undergraduate who drops a course during the fourth through the sixth week of a quarter receives a grade of WP or WF according to his standing in the course. A grade of WF is assigned to courses dropped after the sixth week of a quarter and to courses which the student ceases to attend without permission.

ACADEMIC ADVISING

Counseling and testing services conducted by the University Counseling Center are available without cost to the student. The student is assisted by his college dean and faculty adviser in planning his schedule of classes.

A student entering the University is required to present results of the American College Test (ACT) or the results of the ACT Career Planning Program (CPP) if entering an associate degree program at Firelands Campus and may be required to take additional tests on the campus. The results of these tests are used in advising him concerning his course of study, vocational goals, and scholastic progress.

COURSES REQUIRED OF ALL STUDENTS

Every freshman enrolled in a baccalaureate program is required to complete satisfactorily English 112 or to give evidence of proficiency in written expression equivalent to that attained by the student who satisfactorily completes the course. No student can be excused from meeting this requirement, nor can the requirement be postponed.

Every student who is a candidate for a baccalaureate degree except as noted below must take Health and Physical Education 100 in the three quarters of the freshman year. A student who is granted credit as a result of experiences in the United States Armed Forces need not complete Health and Physical Education 100.

A student who is physically handicapped may be excused from the required courses in health and physical education by obtaining a certificate issued by the University physician and approved by the dean of the college in which he is enrolled.

CHANGE OF COLLEGE

A student who wishes to change his enrollment from one college to another within the University should first explore the requirements of the college in which he wishes to enroll. Then he should obtain approval from the dean's office of the college in which he seeks to enroll. Finally he should have the transfer officially recorded by the dean's office of the college from which he is withdrawing.

ACADEMIC LOAD

A full-time student normally should be registered for 15 to 16 hours per quarter. The academic load of a regular undergraduate student should not be less than 12 hours at any time nor more than 18 hours unless authorized by the dean of the college in which the student is enrolled.

UNIT OF CREDIT

The unit of credit is the quarter hour which is ordinarily earned by one recitation or lecture a week for a quarter although there are exceptions to this rule. Two or three hours of laboratory work a week, depending upon the amount of outside preparation required, carry the same credit as one hour of recitation or lecture although there are exceptions to this rule as well.

TIME OF TAKING COURSES

A student should register for courses as nearly as possible in the order and at the time listed in the Curricula and the Sequence of Courses outlined in this Bulletin. Courses not included in these listings should be taken at the time specified in the Description of Courses.
COURSES IN THIRD AND FOURTH YEARS

At least 60 hours of work taken in the third and fourth years must be courses numbered 300 or above except by special permission of the dean of the college in which the student is enrolled. If a senior takes a course numbered from 100-199 (except in the case of foreign language or computer science), he must take an additional hour as a graduation requirement.

GRADUATION

To become a candidate for an associate or a baccalaureate degree, the student must file an Application for Graduation according to the following schedule:

1. For graduation in December, an application must be filed by the preceding October 10;
2. For graduation in March or June, the deadline for filing an application is the preceding January 15;
3. For graduation in August, the filing date deadline is the preceding June 25.

An application form and information may be obtained at the Office of the Registrar. A student not accepted as a candidate under the above procedure but who qualifies for a degree at the end of a quarter is graduated at the next Commencement.

REPEATING A COURSE

A student may repeat a course in which he has received an F (failing grade) or a low grade with the approval of the dean of the college in which he is enrolled. When a student repeats a course in which he has received a failing grade, or has received a D grade in a course in which a grade of at least C is prerequisite for another course, the credit hours and quality points for the repeat registration only are utilized in computing his point average. For other courses that are repeated, the grades and credit hours for both the first and subsequent registrations are counted in computing the student's point average. If the student repeats a course in which he previously earned a passing grade, only the credit hours earned in the latest registration are applicable toward a degree.

If a course was originally taken for a letter grade it must be repeated for a letter grade if the student desires to eliminate the first grade from the accumulative grade point average computation.

WITHDRAWAL OF COURSE FROM SCHEDULE

The University makes every reasonable effort to offer courses as announced, but it reserves the right to withdraw a course from the schedule if it regards the enrollment to be insufficient.

WITHDRAWAL FROM THE UNIVERSITY

A student who wishes to withdraw from the University in good standing must obtain the permission of the dean of the college in which he is enrolled. If he leaves the University without proper notice and permission, he receives a mark of WF in all courses. He is not entitled to any refund of fees nor to a certificate of honorable dismissal.

A student who withdraws with permission from the University has a mark of W recorded in all courses unless he has previously withdrawn from a course with WF. A student who withdraws from the University within three weeks of the end of the quarter is not permitted to enroll for the next quarter except by special permission of his academic dean.

TRANSCRIPTS OF CREDIT

An official transcript of a student's record is issued only for transferring credits to other colleges and universities and for the information of certifying agencies and employers. An official transcript is not issued directly to a student; it is sent to other institutions or agencies at the student's request. A student may, however, obtain an unofficial photostatic copy of the transcript of his record if he so desires. A charge of $1 is made for each transcript. A transcript is not released for a student who is delinquent on any financial obligation to the University.
GRADING SYSTEM

The following system of marks is used in reporting and recording a student's proficiency in his courses: A—excellent; B—good; C—acceptable; D—poor, but passing; F—failure.

In a few courses, such as student teaching and Library and Educational Media 491, the only marks given are S—satisfactory and F—failure.

In the Honors Seminars; internship courses; remedial courses; and the required courses in health and physical education, H.P.E. 100, the marks used are S—satisfactory and U—unsatisfactory. S indicates course credit, and U indicates no credit.

A student may request the S-U grading option in as many as twelve courses in a baccalaureate degree program in addition to courses universally graded on an S-U basis. The student is permitted more than one S-U option in a quarter providing the number of such registrations does not exceed three in an academic year or four in an academic year and the succeeding summer quarter. The option must be declared at the Office of Registration and Records no later than seven calendar days after the beginning of classes for a quarter. The S-U option is permitted in courses taken as fulfillment of major, minor, and group requirements or electives in accordance with standards established by the appropriate undergraduate college and departmental councils. College and departmental standards on S-U options are available to the student through his academic adviser.

A grade of S is interpreted as falling within the range of A to C and carries full credit. A grade of U is interpreted as D to F and carries no credit. Neither grade is considered in the accumulative point average.

When a student withdraws from a course with the permission of the dean of his college, the course is marked W—withdrawn; WP—withdrawn passing; or WF—withdrawn failing. (See page 18).

INCOMPLETE MARKS

The mark of I—incomplete—is given when, for some acceptable reason, a student fails to take the final examination or to meet some other definite requirement in a course.

The mark of I may be removed and a grade may be substituted for it by a student's making up the deficiencies to the satisfaction of the instructor.

Unless an extension of time is granted by the academic dean, a mark of I must be removed by February 15, May 15, August 15, and November 15 of the same year for the fall, winter, spring, and summer quarters respectively.

POINTS AND POINT AVERAGES

To facilitate the averaging of grades, the following quality points are assigned to each mark:

For each hour of A—4 points;
For each hour of B—3 points;
For each hour of C—2 points;
For each hour of D—1 point;
For each hour of F or WF—0 points;
For each hour of I—0 points after the deadline for removal.

A student's point average is obtained by dividing the total number of points earned by the total number of hours undertaken excluding courses in which the marks S, U, W, or WP are recorded. The hours for which a mark of I is recorded are excluded from point average computation until the deadline for removal.

ACADEMIC HONORS

A full-time undergraduate student who demonstrates a high level of excellence in his academic work has his name placed on the Academic Dean's List for his college. The requirement for achieving the Academic Dean's List is a point average of 3.5 or above in the preceding quarter with not less than twelve credit hours included in the point average computation.
The record of each senior with a very high point average is carefully studied by the University Committee on Honors and Awards in order that appropriate recognition and honor may be accorded each student who has achieved outstanding academic success throughout four years of college.

*Cum laude* signifies a high level of academic achievement: 3.5 accumulative grade average or better and graduation with praise.

*Magna cum laude* signifies very high level of academic achievement: 3.7 accumulative grade average or better and graduation with great praise.

*Summa cum laude* indicates the highest level of academic achievement: 3.9 accumulative grade average or better and graduation with great praise.

In the case of transfer credit, each record is studied and evaluated individually. In general, the following principles serve as guides: 1. A student entering the University with up to 100 hours of transferred credit must meet the point average standard for honors in all hours completed, transferred and otherwise, which are considered jointly, with the added stipulation that the point average of all work taken at Bowling Green State University must be of honors quality; 2. A student who transfers more than 100 hours of credit usually is not considered for honors; 3. To be considered for honors, a candidate should have residence of at least one academic year or 45 hours in consecutive summers (attending either one quarter or both of the terms each summer) immediately preceding graduation with the exception that a student with written permission to participate in an approved combination curricula in cooperation with a professional school or college of another institution may be reviewed for honors.

In reviewing the record of a candidate for honors, each case is judged on its own merit to insure that an award reflects outstanding achievement.

**MEMBERSHIP IN ACADEMIC HONORARIES**

In order to be considered for membership in an academic honorary, a student must:

1. Be in the upper 35 per cent of his class and college;
2. Have completed four quarters or 60 quarter hours;
3. Have completed 24 quarter hours in residence if a transfer student;
4. Rank in the upper 35 per cent of his class and college both on the Bowling Green campus and on the campus from which he is transferring if a transfer student;
5. Meet other requirements as determined by individual honor societies.

The following is a list of the honor societies active at Bowling Green State University along with their areas of interest.

- **Alpha Epsilon Delta**: pre-medical
- **Alpha Kappa Delta**: sociology
- **Alpha Lambda Delta**: freshman women's scholarship
- **Beta Alpha Psi**: accounting
- **Beta Beta Beta**: biology
- **Beta Gamma Sigma**: business administration
- **Delta Phi Alpha**: German
- **Delta Phi Delta**: art
- **Delta Psi Kappa**: women's health and physical education
- **Epsilon Pi Tau**: industrial education and technology
- **Eta Sigma Phi**: classical languages
- **Kappa Delta Pi**: education
- **Kappa Mu Epsilon**: mathematics
- **Phi Alpha Theta**: history
- **Phi Eta Sigma**: freshman men's scholarship
- **Phi Kappa Phi**: junior-senior scholarship
- **Phi Upsilon Omicron**: home economics
- **Phi Sigma Tau**: philosophy
- **Pi Delta Phi**: French
- **Pi Omega Pi**: business education
- **Pi Sigma Alpha**: political science
- **Psi Chi**: psychology
Sigma Delta Pi: Spanish
Sigma Gamma Epsilon: geology
Sigma Pi Sigma: physics
Sigma Tau Delta: English
Omicron Delta Kappa: men’s leadership
Mortar Board: women’s leadership

ACADEMIC WARNING
The freshman or sophomore is warned of unsatisfactory progress when his accumulative point hours and quality points indicate that he is deficient from a C (2.0) average by more than 5 quality points.

ACADEMIC PROBATION
The academic standing of a freshman or sophomore is considered unsatisfactory and he is placed on academic probation when his accumulative point hours and quality points indicate that he is deficient from a C (2.0) average by more than 10 quality points.

The academic standing of a junior or senior is considered unsatisfactory and he is placed on academic probation when his accumulative point hours and quality points indicate that he is deficient from a 2.0 average by more than 5 quality points.

A student on probation because of unsatisfactory academic standing must follow a restricted program as follows:
1. His course load must not exceed 16 hours and may be less if so determined by his college dean;
2. He may not take part as a performer, an officer, or an active participant in any intercollegiate activity, meeting, or conference except that an activity begun in any quarter may be completed in the following quarter.

ACADEMIC DISMISSAL
The freshman or sophomore student is academically dismissed from the University when his accumulative point hours and quality points indicate that he is deficient from a 2.0 average by more than 15 quality points.

The junior or senior student is academically dismissed when he is deficient from a 2.0 accumulative average by more than 10 quality points.

A notice of warning, probation, or dismissal is sent by the University both to the student and to his parents or guardian.

A junior or senior who is in good standing at the beginning of the fall quarter may enroll for the winter and spring quarters of the same year without regard to his academic standing at the close of the preceding quarter. Refer to page 25—Refund of Fees.

REINSTATEMENT
A student who is dismissed because of unsatisfactory academic standing may enroll for the summer quarter at this University or in the third quarter following his dismissal. If the third quarter is the fall quarter, the enrollment must be at the Firelands Campus or an academic center. He needs to have a total quality point deficiency of not more than 15 points as a freshman or sophomore or not more than 10 points as a junior or senior at the end of the quarter to qualify for reinstatement.

If the enrollment capacity of the University for the next quarter, as determined by University officials, has already been reached when the student becomes eligible for reinstatement, he may apply for readmission for a later quarter.

A student who does not qualify for reinstatement at the end of the quarter but who has reduced his quality point deficiency by as many as four points may enroll for the next quarter providing appropriate space is available.

The student who is academically dismissed may not qualify for reinstatement through attendance at another college or university. Advanced standing credit is not granted for courses completed at another institution during a student’s period of suspension from this University.
FEES AND CHARGES

The cost of attending the University depends somewhat on the desires and spending habits of the student.

State appropriations currently provide approximately 48 per cent of the cost of instruction. The remainder is financed by student fees and other charges and contributions. The General Assembly appropriates no funds for board and room or for various student services and activities provided by the University. Such services and activities are financed from student fees and charges.

Although Bowling Green State University has no tuition fee, a student who is an Ohio resident enrolled for 10 or more credit hours pays an Instructional Fee of $210 per quarter and a General Fee of $50 per quarter making a total of $260. A student who registers for 9 credit hours or less pays $27 per hour.

A student classified as a nonresident who is enrolled for 10 or more credit hours pays a Nonresident Fee of $381 per quarter in addition to the Instructional and General Fees, making a total of $641. A nonresident pays a fee of $39 per hour in addition to the $27 mentioned above if he is enrolled for nine hours or less.

The Instructional Fee, supplemented with state appropriations, finances the instructional programs of the University. The General Fee finances the many student services and activities offered on campus.

A previously enrolled student may be denied readmission after payment of fees for several reasons, one of which is failure to maintain a satisfactory academic standing. In such cases, a full refund is made of all fees paid.

The Board of Trustees reserves the right to make any changes or adjustments in fees or charges when such changes are deemed necessary.

NONRESIDENT FEE REGULATIONS

A student classified as a nonresident of Ohio who is entering or reentering the University is assessed as a Nonresident Fee of $381 per quarter or $39 per quarter hour up to a maximum of $381, in addition to the Instructional and General Fee.

The responsibility of indicating proper residence at the time of registration is placed upon the student. If there is any question on the part of the student regarding residence, he should bring the case to the attention of the University Assistant Treasurer who may refer the matter to an appropriate committee for review. Any student who registers improperly with respect to legal residence under the rules is required to pay the Nonresident Fee. A student who does not pay this fee within 30 days after having been notified of its assessment may automatically nullify his registration in the University.

The University reserves the right of its officials to make a final decision in any case of disputed residence of a student as a condition of the student's admission. In determining the student's proper residence, University officials utilize the following standards as set forth by the Ohio Board of Regents for the purpose of determining the appropriation subsidy:

1. A dependent student shall be considered to be a resident of Ohio if his or her parents or legal guardian resided in Ohio for 12 consecutive months or more immediately preceding enrollment, or if his or her parents reside in Ohio at the time of enrollment and at least one of the parents is gainfully employed on a full-time basis in Ohio.

2. A student shall be considered to be an Ohio resident regardless of the place of residence of the parents or legal guardian at the time of enrollment if the student resides in Ohio and has resided in the state for 12 consecutive months or more immediately preceding enrollment and if the student presents satisfactory evidence that the parents or legal guardian have not contributed to his or her support during the preceding 12 months, and do not claim him or her as a dependent for federal government income tax purposes.

3. A student shall be considered to be an Ohio resident regardless of the place of residence of the parents or legal guardian at the time of enrollment...
if the student is gainfully employed on a full-time basis and resides in Ohio, and is pursuing a part-time program of instruction and if there is reason to believe that the student did not enter Ohio primarily for the purpose of enrolling in an Ohio institution of higher education.

4. The residency status of a married student shall be determined without regard to the residency status of the student's spouse.

5. A person in military service or the dependent of a person in military service shall be considered to be a resident of Ohio during the period of time when that person is on active duty status in Ohio and has established a residence in Ohio.

6. A person who enters upon active duty status in the military service as a resident of Ohio and the dependent children of such a person shall be considered to be residents of Ohio if they provide proof of continued domicile in Ohio and of continued eligibility to vote in Ohio.

7. A student classified as a resident of Ohio whose parents or legal guardian move their residence to another state shall be considered to be a resident of Ohio until completion of the degree program in which the student is currently enrolled.

8. A student who at the time of enrollment enters the State of Ohio from another state for the primary purpose of enrolling in an Ohio institution of higher education shall be considered to be a nonresident student, and shall continue to be so considered during the period of continuous enrollment as a full-time student in an Ohio institution of higher education.

9. An alien student admitted to the United States on a student visa or other temporary visa shall be considered to be a nonresident student. An alien holding an immigrant visa may establish Ohio residency in the same manner as a citizen of the United States.

10. A student classified as a nonresident student may appeal the classification to an appropriate officer or administrative panel duly constituted by an institution of higher education and may be classified as a resident of Ohio if:
   a. the dependent student presents conclusive evidence that his or her parents or legal guardian have established a residence in Ohio and at least one of the parents is gainfully employed on a full-time basis in Ohio;
   b. the student, in addition to demonstrating financial independence from parents, presents clear and convincing evidence of exceptional circumstances justifying a change in classification because of having established a separate residence in Ohio for 12 months or more preceding the request for reclassification and because of having made a definite commitment to enter into gainful employment in Ohio upon completion of a degree program without the ensuing 12 months.

SUMMER SCHOOL FEES

The Instructional Fee for a student enrolled for 10 or more credit hours for the full summer quarter is $210, and the General Fee for the full summer quarter is $50, making a total of $260. A student who registers for 9 credit hours or less pays $27 per hour.

A nonresident student who is enrolled for 10 or more credit hours pays a Nonresident Fee of $381 in addition to the above mentioned $260 for a total of $641. A nonresident of Ohio who is enrolled for 9 credit hours or less pays a nonresident fee of $39 per hour (not to exceed the Nonresident Fee for a student taking 10 or more hours) in addition to the $27 per hour listed above for a total of $66 per credit hour.

A student may register for courses for the full Summer Quarter or for one or both terms. If a student has registered for both terms prior to the beginning of the first term, fees are charged as though the student were enrolled for a full Summer Quarter and are payable in full four days prior to the start of the first term.

Those attending conferences or workshops on the campus for credit must pay those fees as listed above including the Nonresident Fee where applicable.
The Board of Trustees reserves the right to make any changes or adjustments in fees or charges when such changes are deemed necessary.

GRADUATE FEES

A graduate student who is an Ohio resident enrolled for 11 or more credit hours pays an Instructional Fee of $300 per quarter and a General Fee of $50 per quarter, making a total of $350.

A graduate student who is an Ohio resident enrolled for 9 credit hours or less pays $35 per credit hour.

A graduate student who is classified as a nonresident who is enrolled for 11 or more credit hours pays a Nonresident Fee of $381 per quarter in addition to the Instructional Fee and General Fee, making a total of $731.

A graduate student who is classified as a nonresident who is enrolled for 9 credit hours or less pays $74 per credit hour.

BRANCH AND ACADEMIC CENTER INSTRUCTION

Branch. The Ohio student who attends the University's Firelands Campus for 10 or more hours pays an Instructional Fee of $210 and a General Fee of $25 for a total of $235 per quarter. A student enrolled for 9 hours or less during any quarter pays a fee of $24 per credit hour.

Academic Centers. The Ohio student who attends the University at any one of the academic centers for 10 or more hours pays an Instructional Fee of $210 per quarter. A student who is an Ohio Resident and who enrolls for 9 hours or less during any quarter pays a single fee of $21 for each hour of credit.

The nonresident student attending one of the academic centers or the Firelands Campus who is enrolled for 10 or more hours pays a Nonresident Fee of $381 in addition to the Instructional and General Fees. A nonresident student enrolled for 9 hours or less pays a Nonresident Fee of $39 per hour in addition to the $21 per hour listed above.

During any quarter a student is registered for a combination of main campus (including extension) and branch or academic center courses, fees are determined as follows: if the number of main campus (including extension) credit hours equal or exceed the off-campus credits, the main campus fees are charged for all courses. Off-campus rates apply when branch and academic center credit hours exceed the main campus credits.

SPECIAL FEES, CHARGES, AND DEPOSITS

An Application Fee of $25 must be paid at the time the Application for Admission is submitted by a new undergraduate student. This charge is refunded only if the applicant is denied admission by the University.

A Change of Registration Charge of $3 is made for any change in registration after a schedule of courses has been submitted to the Office of the Registrar unless the charge is waived by the dean of the college in which the student is enrolled.

A Late Registration Charge of $5 is made for each day including Saturdays and Sundays that a student is late in registering at the opening of a quarter or summer term.

An Automobile Registration Charge of $20 a year (September through June) is required of each student when he registers his automobile with the Parking Services Office. Each automobile on campus must be registered and its decal be displayed in accordance with instructions.

A Credit by Examination Charge of $15 is assessed for each special examination.

A Proficiency Examination Charge of $5 is made for special examinations in typing and shorthand which are administered by members of the business education staff for a person seeking to qualify for civil service or other positions.

A Transcript Charge of $1 is made for each transcript of credits.

A Student Teaching Laboratory Fee of $36 is required of the student during the quarter in which he does his student teaching.
An Excess Credit Fee of $15 is charged beginning with the nineteenth hour each quarter and continuing for every hour thereafter.

An Applied Music Fee of $30 for each one half hour of individual instruction per week is paid by the student. A fee of $15 is paid by those who take piano class. A student enrolled for applied music has access to practice rooms and equipment without charge in accordance with the schedule and regulations determined by the School of Music.

A special H.P.E. fee will be charged those participating in the following courses at the rates indicated:

- Ice Skating, Curling: $7.00
- Bowling: $7.00
- Skiing: $24.00
- Horsemanship, Intermediate: $50.00

The student is held responsible for apparatus he loses or damages and for materials he wastes in laboratory classes. The student pays for all materials used in making articles or items that become his personal property.

The Board of Trustees reserves the right to make any changes or adjustments in fees or charges when such changes are deemed necessary.

PAYMENT OF FEES

All fees and charges are payable in advance of the quarter for which the student is enrolled. The final dates for payment of fees for each quarter are given in the Calendar on the inside back cover of this Bulletin. A student who pays his fees after the last day designated for this purpose at the opening of a quarter including summer is assessed a Late Payment Fee of $5 for each day that he is late including Saturdays and Sundays.

Fees are payable at the Bursar's Office on the first floor of the Administration Building between 8 a.m. and 5 p.m. Checks and money orders are accepted if they are made payable to Bowling Green State University for the exact amount required for the payment of all fees.

For a student desiring to utilize a credit card system, the BANKAMERICARD plan and the MASTER CHARGE plan are honored by the University.

REFUND OF FEES

In case of the voluntary withdrawal of a student from the University in any quarter, fees, except for the Application Fee, are refunded on the following basis: during the calendar week in which classes begin, 90 per cent; during the second calendar week, 80 per cent; during the third calendar week, 60 per cent; during the fourth calendar week, 40 per cent; after the fourth week, no refund. A student withdrawing under discipline (see page 39) forfeits all rights to the return of any portion of his fees. However, in the event of academic dismissal, all monies prepaid for a quarter are refunded in full. This schedule pertains to Instructional, General, and Nonresident Fees (where applicable); a separate refund schedule for room and board charges is outlined in the Housing Contract-Acceptance Agreement. No deduction is granted because of late entrance.

In a change of program involving the dropping of a course in which a Special Course Fee has been paid, the fee is refunded in accordance with the schedule given in the preceding paragraph unless the dean of the college in which the student is enrolled authorizes different action. Refunds normally take approximately four weeks to be processed.

RESIDENCE HALLS

The University Housing Office is responsible for the assignment of all students to campus housing accommodations. This office processes all housing applications and roommate requests for assignment to the 21 residence halls and 29 sororities and fraternities on campus and also arranges housing accommodations for summer conferences and institutes.

The Off-Campus Division of the Housing Office publishes a periodic listing of accommodations available for student occupancy and maintains a mediation service to help resolve tenant-landlord disputes. A counselor is available to assist an
off-campus student with any difficulties he may have. Referral to legal counsel can also be arranged by this office.

Issuance and cancellation of University meal coupons are coordinated through this office.

PURPOSE AND PROGRAM

University residence halls provide a physical environment designed to further the academic, cultural, and personal development of their resident students. Informal discussions are arranged among students and with University faculty members and community leaders. Recorded and live musical programs are offered, and international wings are maintained for bilingual students in certain residence halls.

Bowling Green is primarily a residential University, and over 8,000 undergraduate students live in residence halls.

Undergraduate students are required to reside in University-owned living units as a condition of enrollment unless they are commuting daily from the homes of their parents, guardians, or spouses, or unless they have attained junior class standing on or before the first day of classes for Fall Quarter. The housing Acceptance Agreement is a contract for the entire academic year. For the purposes of this regulation, a home is defined as the actual and regular place of residence in the community in which the parent, guardian, or spouse is eligible to register to vote; a guardian is defined as a person awarded legal guardianship by a court of competent jurisdiction.

Accommodations in University residence halls are available to any University student regardless of race, religion, creed, color, or national origin. The University expects landlords of off-campus accommodations to practice this same non-discriminatory policy.

The Housing Office maintains a list of rooms and apartments which the University recognizes as adequate housing in terms of health, safety, and non-discriminatory standards. A student who lives off campus, however, does so on his own responsibility; and the University does not undertake to provide social and educational opportunities or the supervision furnished in University residence halls. A contractual arrangement exists between the student and the landlord, exclusive of the University.

As a condition of enrollment, an off-campus student is expected to register his correct community address with the Housing Office before the payment of fees.

ROOM AND BOARD CHARGES

A student who desires to live on campus must apply for housing and sign a Residential Contract in the spring or early summer prior to the opening of the fall term. Dates and procedures for payment are outlined in the contract.

Three housing plans, with three different rates, are available to all students, regardless of class rank, as long as space is available. Priority of assignments is given to continuing upperclass students with seniors, juniors, sophomores and incoming freshmen being assigned in that order.

Plan A includes the most recently constructed living units with a rate of $1185 for a double room and $1395 for a private room; both rates include board and are for the academic year. Plan B is the middle price range and includes most of the campus living units; a double room is $1095, including board, for the academic year; private rooms will be available winter and spring quarters only under this plan at $435 per quarter, including board. Plan C includes all of the fraternity and sorority houses on campus and one men’s residence hall; the room only rate under this plan is $600 for the academic year, or $1080 including board if purchased in a University-operated dining hall.

For the student who lives in a residence hall but eats in a sorority or fraternity house having its own dining facilities, the room rental would be the amount of the plan selected less $480 which is the portion currently allotted to board. A student not eating in a University-operated dining hall for the above reason receives a refund for this board charge.

These are suggested rates for the 1972-73 academic year only; they are subject to change as economic changes warrant.
PAYMENT SCHEDULE
Since arrangements for residence on campus must be made prior to the opening of the fall quarter and the University wishes to accommodate as many students as possible, a forfeiture schedule for late cancellations is maintained. This schedule appears in the Acceptance Agreement which is provided when the residence hall application is accepted. The Acceptance Agreement should be read thoroughly by both a student and his parents or guardian and retained for future reference. A Residential Contract Card accompanies the agreement. It must be signed and returned with the initial payment, indicating acceptance of the provisions of the agreement. Payment may be made in full for the entire academic year or in accordance with a deferred plan described in the Acceptance Agreement. The initial payment date appears on the Residential Contract Card.

REFUNDS
Adherence to this payment schedule is a prerequisite for admission. Should it be necessary to withdraw from the University after the Acceptance Agreement has been executed, the refund schedule outlined in the agreement is followed.

VACATION PERIODS
During the vacation periods, the residence halls ordinarily are not open to a student because it is at such times that the Maintenance Department can best provide the services necessary to maintain and to improve the facilities.* A student remaining over the Thanksgiving and spring recesses or between terms needs to make special arrangements for off-campus housing during these periods. The Director of Residence Services assists in making these arrangements.

RESPONSIBILITY FOR PERSONAL EFFECTS
During a student's residence in a hall, every effort is made to provide adequate supervision. However, the University cannot assume responsibility for loss or damage to personal effects of the student or other guests of the University. A student usually has his own personal effects listed in the blanket homeowner's insurance policy provided by his parents.

Generally, each room is completely furnished except for linens, pillows, blankets, and personal toiletries. A linen rental service which is provided by a private laundry is available to a student if he wishes to use it.

CHANGE OF UNIVERSITY ADDRESS
If, for some reason, a student should find it necessary to change his address from a residence hall, room, or an apartment, such a change must be registered and approved by the Director of Residence Services in advance of the proposed move.

OCCUPANCY OF ROOMS
The University Calendar on the back cover of this Bulletin lists the dates on which residence halls are available for occupancy.

Each student is required to vacate and have his belongings removed from his residence hall within 24 hours after the close of final examinations for the spring quarter except for the student who receives a degree at the June Commencement. Such a student may occupy his room up to 5 p.m. of Commencement Day.

A student in good standing with the University is not required to clear his room of possessions at the close of the fall and winter quarters unless he has failed to acquire paid housing reservations for the succeeding quarter. A resident who has not paid for additional accommodations, however, is required to vacate his room along with his possessions within 24 hours after the close of quarter examinations.

The University undertakes at all times to maintain wholesome and pleasant living conditions in all its residence halls, and the right is reserved to remove an occupant at any time by recommendation of the Dean of Students.

FOOD SERVICES
Only by special arrangement, based on compelling individual circumstances, is a student permitted to live in a University residence hall without taking his meals.

* The University reserves the right to assign, inspect, maintain, and make repairs in residences anytime during the school year.
on the campus. A student living off campus may purchase a meal ticket for meals in a University dining hall for $170 per quarter from the Bursar's Office.

STUDENT FINANCIAL AID

The Student Financial Aid Office coordinates all forms of financial aid that are available from the University, the Bowling Green State University Alumni Association, the Development Program: Expanding Horizons, state and national programs, and other sources.

Personal counseling with a student and his parents on various aspects of college financing—short-term and quarter loans to meet emergency educational expenses—is a service which is also provided through this office.

Every student who attends a college or university should have a sound plan for acquiring a college education, including financial arrangements, worked out well in advance.

Bowling Green State University recognizes that not every student and his parents can afford to finance a college education entirely from their incomes and assets. For this reason, the Student Financial Aid Office is available to assist every admitted or enrolled student having need.

Financial aid which the University can provide is limited by the amount of money which is available. In a sense, each student enrolled at Bowling Green State University receives financial aid. The residents of Ohio, as taxpayers, help to support the University and, thereby, offset a sizable portion of the cost of the student's education. Not often can a student expect to have his complete education financed. The various forms of aid which are available from the University are principally scholarships, grants-in-aid, loans, and part-time employment. Scholarships, grants-in-aid, and loans are awarded through the Student Financial Aid Office. Part-time employment, on-campus or off-campus, is available through the Office of Student Employment. This office is designed to assist a student who desires employment as a means of offsetting the costs of obtaining an education.

Financial need can be defined as an inability to meet college expenses from the available resources of the student and his family. Each student and his parents are expected to contribute assistance to the best of their abilities.

An Application for Financial Aid should be obtained from the Student Financial Aid Office when the student is in his senior year of high school and should be submitted by February 1. Students presently attending Bowling Green State University should submit an application by April 15. Each student must also provide a summary of his parents' financial status. The summary is provided and analyzed by the American College Testing Program to determine the amount of support reasonably to be expected from the parents. Consideration in this analysis is given not only to the income of the family but also to the assets, extraordinary indebtedness or expenses, other children in college, number of children, and related information. To qualify for any financial aid, the student must carry a minimum of 12 hours each quarter.

The ACT Family Financial Statement (FFS) is completed by the student and his parents and forwarded to the American College Testing Program, Box 1000, Iowa City, Iowa 52240. The University requires this analysis prior to consideration for scholarships, grants-in-aid, Educational Opportunity Grants, and loans.

On the following pages the various forms of assistance are discussed at length. It is beneficial for a student to examine each in detail in an attempt to identify those forms of aid for which he may qualify.

SCHOLARSHIPS

Scholarships are awarded on the basis of high scholastic achievement as well as need. Several scholarships are awarded in recognition of academic achievement without reference to need. The awards are for one year, but the student may reapply in succeeding years. A prospective freshman should rank in the top 5 per cent of his graduating class and have at least a 3.5 cumulative point average for consideration. A continuing student must have a 3.0 cumulative average from his previous academic work at Bowling Green State University.
The following factors are considered in awarding scholarships: (1) high achievement in high school and/or college; (2) scores on the ACT, CEEB, National Merit Scholarship, and other standardized achievement tests; (3) performance in community and school activities and good character; and (4) evidence of need. A student receiving a scholarship from a source other than Bowling Green State University must report the type and amount to this office if the award exceeds $100.

The **Book Scholarship** is awarded to full-time students with a high cumulative grade point average. Eligible students must have attempted at least 42 hours, but not more than 171 hours at Bowling Green State University.

The purpose of the Book Scholarship is to recognize those students who have attained an outstanding academic record. This award is based entirely upon academic achievement, and in no way is associated with a student's financial need. It is hoped the award money will be used by the student to build a library which will promote and enhance his academic interests.

The **School of Art Special Talent Awards** to outstanding art majors. These awards are made annually on a competitive basis to students who show noteworthy development of talent in the visual arts. Information concerning these awards is available from the School of Art.

In addition to University scholarships, other scholarships and awards are available from special sources and are listed below:

- **Air Force and Army ROTC Scholarships**: A sophomore member of the ROTC four-year program is eligible to compete on the basis of academic achievement and military aptitude for a scholarship which covers the full cost of fees during his junior and senior years. In addition, an allowance for books and supplies is paid the student; and he also receives a $100 per month subsistence allowance. For information, contact a professor of Aerospace Studies or a professor of Military Science.

- **Alpha Lambda Delta Scholarship** is awarded to an outstanding woman who has shown service to the University community and has a financial need.

- **Alumni Association** provides 24 scholarships. Six $300 scholarships are awarded by each of the three undergraduate colleges and six $100 scholarships are awarded by the Firelands Campus Committee. Selection is based on academic record and financial need, and consideration is given to a son or daughter of a Bowling Green alumnus.

- **Alumni National Merit Scholarships** are awarded to four incoming freshmen who have high National Merit Scholarship Qualifying Test scores and outstanding academic high school records. May be continued for four years. The University Scholarship Committee selects the recipients.

- **Arthur Anderson** provides two scholarships to graduate students in accounting. Recommendations are made through the Department of Quantitative Analysis and Control.

- **Bureau of Vocational Rehabilitation Scholarships** are offered to a citizen of Ohio who has a definite physical disability which may be considered an employment handicap. This scholarship pays registration and other fees of a person who qualifies. Detailed information may be obtained by writing the Bureau of Vocational Rehabilitation, 517 South High Street, Columbus, Ohio 43215, or the area office at 503 Gardner Building, Toledo, Ohio 43604.

- **Bowling Green Insurance Agents Scholarship** is awarded to an outstanding student in insurance.

- **Yvette Caldwell Wiseley Scholarship** is awarded annually to an outstanding student with a major in Spanish in the College of Education.

- **Jesse J. Currier Memorial Scholarships** are awarded to students in the School of Journalism with a demonstrated interest in a career in communication-journalism.

- **Ernst and Ernst Scholarship** provides two scholarships for $350 each to seniors majoring in accounting. Selection is made by the faculty of the Department of Quantitative Analysis and Control.

- **General Motors Corporation Scholarships** provide from $200 to $2,000, depending upon need, to University students selected from scholarship applicants of outstanding promise by the Scholarship Committee.
Griffith Memorial Foundation for insurance education provides one scholarship totaling $325 per year. Selection is made by the Department of Insurance.

Harshman-Cheek Scholarship is an award of $300 for a rising junior in the College of Business Administration who, on the basis of scholarship and effective campus leadership, shows high promise of success in the business world.

Martin Luther King Scholarship fund provides tuition scholarships ($650-$750) and room and board scholarships to high school graduates from low income families, irrespective of race, color, creed, or national origin. The Martin Luther King Scholarship Committee annually awards one new scholarship and renews two scholarships.

National City Bank of Cleveland provides scholarships totaling $1,000 to be awarded to outstanding students in money, banking and finance. Selection is made by the College of Business Administration.

The NFBA Foundation, Inc. Scholarship is awarded to a student at either the undergraduate or graduate level who is interested in making a career in the food industry. The award of $750 for the school year 1972-73, or $250 for each quarter of the regular school year, is based on scholastic ability, character, and financial need. Selection is made by the faculty of the Department of Marketing.

Northwest Ohio Newspaper Association Scholarship is awarded to a rising sophomore, junior or senior journalism major who is seriously interested in newspaper work. Consideration is given to academic criteria, character, financial need, and extra-curricular activities. Since these funds are provided by NONA, an organization of daily and weekly newspapers in the area, primarily in the hope of stimulating interest in professional newspaper journalism, it is assumed those who apply have a serious interest in newspaper work.

Ohio Society of Certified Public Accountants provides a grant to a rising senior of high scholastic standing and an interest in accounting. Selection is made by the Department of Quantitative Analysis and Control.

Alice Prout Memorial Scholarship is awarded annually to a woman of junior rank of worthy character and high scholastic achievement whose standing is in the upper 25 per cent of her class.

Scripps-Howard Foundation Scholarship is awarded to undergraduates who are willing and able to work in order to provide a part of their educational expenses and who intend to pursue journalism as a career, with preference to children of present or former employees of Scripps-Howard Organization.

The Sidney Frohman Scholarship Fund, established by the late Sidney Frohman of Sandusky, provides a number of scholarships each year for rising senior men selected on the basis of scholarship, character, ability, and need. Recipients are designated Sidney Frohman Scholars.

Harold E. Tinnappel Scholarship is awarded annually to an outstanding student. Preference will be given to an applicant who has a vocation or a vocational interest in conservation, horticulture, or botany.

AWARDS

The Accident and Casualty Insurance Company of Winterthur, Switzerland Award to the student selected to participate in the Company-College of Business Administration Exchange Program.

Alpha Delta Pi Alumni Award to a senior in American studies.

Ann Batchelder Award to an outstanding woman graduate in English literature.

Beta Alpha Psi Award to an outstanding student in accounting.

Spencer A. Canary Award is awarded to an undergraduate who plans a career in mass media, preferably one who is looking forward to newspaper work. Other factors are academic achievement, extra-curricular activities, and financial need.

Class of 1926 Award to the top graduate in the College of Education.

Faculty Women's Club Award to the junior woman with the highest accumulative point average.

James W. Faulkner Award to a resident of Ohio, undergraduate or graduate student in journalism of average or above scholastic ability in need of financial assistance.
Fred Gerlach Award to an international student who has achieved high academic standing and made significant contributions to intercultural activities.

Roger Holliday Award to an international student who has achieved high academic standing and made significant contributions to intercultural activities.

Edward J. Karlin Memorial Award to an outstanding student in biology.

Maria Leonard Award to an outstanding senior woman who is a member of Alpha Lambda Delta.

Gordon McQuestion Award for outstanding work in chemistry.

National Business Education Association Award of Merit to an outstanding student in business education.

Caroline Nielsen Award to an outstanding student in Latin.

The Nordmann Award to an outstanding senior in the College of Arts and Sciences.

Northwest Ohio Chapter American Marketing Association Award to an outstanding student in marketing.

Phi Eta Sigma Award to an outstanding sophomore man for leadership and participation in class and University organizations.

Pi Omega Pi Award to the sophomore in business education with the highest grade point average.

Purchasing Management Association of Toledo Award to an outstanding student in the procurement program.

John Schwartz Award for an outstanding paper on a historical project.

Suzette Seiling Memorial Award is an award by the Kappa Delta Sorority to a woman graduating in business education with the highest accumulative point average.

Jane Shoemaker Smith Memorial Award to an outstanding graduating woman in health and physical education.

Hubert Porter Stone Award to the rising senior with the highest point average majoring or minoring in library and educational media.

The W. A. Tarr Award is awarded to a senior majoring in geology and earth science.

Toledo Sales and Marketing Executive Award to an outstanding student in marketing.

Waugh Memorial Trophy Award to an outstanding senior with high academic achievement.

Williamson-Jordan Award to an outstanding junior in the College of Education.

GRANTS-IN-AID

A student majoring in music or speech or participating in intercollegiate athletics may possess special talents which may give him consideration for a special talent grant-in-aid. An application for such an award must be made to the head of the department involved.

EDUCATIONAL OPPORTUNITY GRANTS

An Educational Opportunity Grant is awarded to assist a student of exceptional financial need who for the lack of financial means of his own or of his family would be unable to attend college. For a student to have exceptional financial need he must come from a family which has historically had insufficient resources for a modest or adequate living. Primary consideration is given to a student from a family with an annual gross income of $6,000 or less. This form of aid is not repayable; however, the University must match each grant in an equal amount through a University Scholarship or Grant-in-Aid, a National Defense Student Loan, or campus employment.

STUDENT DEVELOPMENT PROGRAM

The Student Development Program represents an area in which Bowling Green State University provides assistance to minority-disadvantaged group students. The program assists these students with their financial and educational responsibilities.

NURSING PROGRAM

Financial assistance is available to students admitted to the University under the nursing program who have attained sophomore status. Federal Nursing Scholarship and Loan funds are available in addition to other forms of financial
assistance to students who demonstrate a financial need and meet the academic requirements. The student must apply to the Financial Aid Office, 305 Student Services Building for an Application for Financial Aid.

OHIO INSTRUCTIONAL GRANT

The Ohio Instructional Grant Program has been established to provide grants to financially needy students to enable them to attend two-year or four-year public or private schools. The grants are not awarded upon the basis of scholarship, as such, but on the basis of relative financial need.

Eligibility. To be eligible for an Ohio Instructional Grant, a student must: be a resident of Ohio; be enrolled as a full-time undergraduate at Bowling Green State University; maintain a grade point average or obtain other standards of achievement considered by the University to indicate satisfactory progress toward an associate or a bachelor's degree.

Ohio Instructional Grants are now administered by the Ohio Board of Regents, Student Aid Office, Room 770, 88 East Broad Street, Columbus, Ohio 43215.

High school seniors may obtain an application for this grant from their high school guidance counselors. Continuing students may pick up an application in the Student Financial Aid Office.

LAW ENFORCEMENT EDUCATION

The Law Enforcement Assistance Administration of the United States Department of Justice, through its Law Enforcement Education Program, has allocated funds to Bowling Green State University to assist undergraduate and graduate students enrolled in degree programs which will prepare them for work in criminal justice or correctional careers. Due to a shortage of available funds, the program is presently restricted to students currently employed by a law enforcement or correctional agency.

Student accepting assistance from this source must guarantee that they will seek or continue their employment with a publicly funded law enforcement or correctional agency upon completion of their course of study.

All students interested in additional information should contact the Student Financial Aid Office.

ASSISTANTSHIPS

The University employs a qualified junior or senior to assist in a department or to serve as a residence hall adviser.

Information about a graduate assistantship in various departments or residence halls is available from the Office of the Graduate School. A graduate student is eligible to apply for the National Defense Student Loan when entering the University in good standing.

EMPLOYMENT

More than one-fourth of the students at Bowling Green State University earn part of their expenses annually through assigned work on campus. Assignments are made by the Office of Student Employment followed by a personal interview between the student and the head of the department or the office where he is to work. Among such positions are departmental and library assistants, custodians, clerks, receptionists, typists, and food service workers.

Part-time positions are also available in the city of Bowling Green. Information about these may be obtained from the Office of Student Employment.

No student who is carrying a full academic load is permitted to work more than 20 hours per week without proper approval. An entering freshman should limit the hours of employment to approximately 10 hours per week until he knows the nature and demands of his academic studies. If his point average is less than 2.0, he should avoid all outside employment and should devote full time to his studies. A freshman who desires campus employment may complete the necessary application while on campus during the summer pre-registration program.

A student whose parents are unable to assist him with his college expenses
may be eligible to be employed under the College Work-Study Program. This is partially financed by the federal government, and the work assignment may be in the department of the student's major.

Bowling Green State University is an equal opportunity employer with a program of affirmative action.

VETERANS AND WAR ORPHANS

Bowling Green State University is approved by the U.S. Veterans Administration for the education and training of veterans and war orphans under Public Laws 634 and 89-358. The programs of study in the three colleges and in the Graduate School are open to either a man or a woman who is eligible for benefits under these laws.

Information may be obtained from the Veterans' Counselor, Registrar's Office, Administration Building, Bowling Green State University or from any Veterans Administration office.

STUDENT LOANS

An allocation of funds is made annually by the federal government to Bowling Green State University under the terms of the National Defense Education Act of 1958 to provide a loan for college-related expenses to a student who needs financial assistance. An application for a National Defense Student Loan is made through the Student Financial Aid Office.

This is a long-term loan for a full-time undergraduate, or graduate student. A prospective freshman must rank in the top 40% of his high school graduating class and have a 2.5 cumulative point average for all work attempted in high school. A continuing undergraduate student must have a 2.0 cumulative and previous quarter average. A student must be enrolled for at least 12 credit hours to receive a National Defense Student Loan.

A loan may be granted up to $1,000 in any fiscal year or $5,000 for the student's entire college career.

As much as 50 per cent of the loan may be cancelled for any borrower who serves as a full-time teacher in a public or other non-profit elementary or secondary school or an institution of higher education at the rate of 10 per cent per year up to five years of teaching. The loan is cancelled in the case of death or total disability. A special level of cancellation is provided if the borrower teaches in a depressed area or teaches special education as defined by the State Department of Education.

OTHER LOANS

The University has limited funds available for short-term loans to meet emergencies. The maximum amount loaned is $50, and it must be repaid within one month. The student must be in good academic standing to apply for the loan.

A student may receive a larger loan for a current term, to be repaid within that term, at an interest rate of 4 per cent. The student must have a 2.0 point average or above. These loans are not available to a first-term freshman or a transfer student. Application is made through a conference with a staff member in the Student Financial Aid Office.

Under provisions of the Higher Education Act of 1965, a student may borrow from his local bank through a program guaranteed by the state of residence. If the family adjusted gross income is less than $15,000, the interest on the loan may be paid by the federal government while he is a full-time student and for nine months after he leaves the college or university. After that, the borrower pays the interest as well as the principal charges.

TRANSFER STUDENTS

In view of the fact that Bowling Green is seriously limited in the amount of available financial assistance, a transfer student who does not hold an associate degree is not considered for aid until he has attended at least one quarter at Bowling Green State University. A student who has completed an associate degree is eligible for immediate consideration for financial aid. The above limitation on a transfer student does not apply to campus employment or to the renewal of a previously awarded Educational Opportunity Grant, proving the student continues to qualify for consideration.
Social, cultural, and athletic programs are sponsored by various student organizations and academic departments of the University to round out the education of the student. An opportunity for self-government is afforded each student through his elected representative or by his own election to office. Many academic departments and student groups provide additional opportunities for learning through lectures, seminars, and activity programs.

Each voluntary student organization is considered to be a representative agency of student life in its area of interest and activity.

OFFICE OF STUDENT PROGRAMS AND ACTIVITIES

The Office of Student Programs and Activities is the center for student body government, the coordination of the all-campus social program, and Freshman Pre-Registration and Orientation Programs all of which are designed to aid the total development of the student at Bowling Green State University.

Here, through its many volunteer committees, the student is given the opportunity to take an active part in University affairs, creating capable and responsible leadership that enables the student to assist in developing sound policies and procedures in many aspects of University living, especially the community life of the student.

STUDENT BODY ORGANIZATION

An agency through which a student may participate in University administration and government is the student body organization which includes executive officers, Student Council, and Student Court. These bodies function under a definite set of responsibilities and authority delegated by the President of the University and outlined in a constitution adopted by a majority vote of the student body.

Purposes of the student body organization are to provide the student with a wide range of opportunity for responsible participation in the government of the University community and to give the University the advantage of student deliberation and experience in arriving at the soundest possible policies and practices with respect to matters which relate directly and uniformly to each student enrolled in the University. All councils and boards of the student body organization have available the advice of faculty members or administrative officers of the University.

In addition to the student body organization, the qualified student may serve on other policy-determining and administrative councils and committees of the University.

MEMBERSHIP IN UNIVERSITY-RECOGNIZED ORGANIZATIONS

Students are free to organize and join associations to promote their common interests, providing these associations are organized for legal purposes and do not conflict with the University's educational objectives.
Student Council will recognize social, service, and professional organizations based on the following policy:

1. Affiliation with an extramural organization will not of itself disqualify a student organization from institutional recognition;

2. Campus advisers who are members of the faculty or staff are required for any student organization receiving University funds. They are encouraged for all other organizations. Campus advisers may counsel organizations in the exercise of responsibility, but they will not have authority to control the policy of the organization;

3. Student organizations will be required to submit a statement of purpose, criteria for membership, rules of procedures, and a current list of officers. They will not be required to submit a membership list as a condition of institutional recognition;

4. Organizations, including those affiliated extramurally, must be open to all students without respect to race, creed, or national origin.

HONOR SOCIETIES

Student organizations sponsor programs to serve many interests. Heading the list of such groups are honor societies through which the student with a distinguished record in an academic field receives recognition and stimulation.

RELIGIOUS LIFE

Student religious organizations serve a student of any major faith through programs planned and directed by members of individual faiths.

The Religious Activities Committee, composed of representative faculty members and students from recognized campus religious organizations, coordinates and stimulates activities that can be supported by all faiths.

FRATERNITIES AND SORORITIES

At the present time there are 12 national sororities and 21 national fraternities at Bowling Green State University. Living units managed by these groups are located on the campus. A freshman or an upperclass man may pledge a fraternity at the opening of each of the three quarters. A freshman, upperclass or transfer woman may pledge at the beginning of the second quarter while an upperclass woman may pledge during any scheduled rush period.

UNIVERSITY THEATRE

The University Theatre, a division of the Department of Speech, serves as a laboratory for any University student interested in theatre and speech. Through its extensive production program, it enriches the cultural and educational experience of the student body and the community.

The University Theatre production program is staged in two theatres, the Main Auditorium and the Joe E. Brown Theatre. The production program normally consists of 12 major productions including one play for children and a reader's theatre production; student-directed bills of one act plays; and several Theatre Unbound productions, experimental and innovative approaches to new or established scripts. Ample opportunity is available to each University student to participate in the program as a performer or technician.

WBGU RADIO

The University's public FM station, WBGU, provides public service, cultural, and educational programming to the residents of northwestern Ohio. Music of all types, news and educational features, and University athletic events are included in the WBGU program schedule. The station operates daily under license of the Federal Communications Commission on a frequency of 88.1 megahertz with a radiated power of 1,350 watts from studios in South Hall.
WFAL RADIO

Carrier-current WFAL is a student-operated commercial AM radio station broadcasting to the residence halls on campus. The station provides communication to and among students while providing top quality commercial programming designed to meet student interests. The station is heard in the residence halls on any AM radio at 680 kc. WFAL operates throughout fall, winter, and spring quarters. The office and studio are located in South Hall.

THE TELEVISION AND FILM CENTER

Located on South Campus the University Television and Film Center contains WBGU-TV, public television station, closed-circuit instructional television production and distribution facilities, and educational film production operations.

The Center's award-winning staff of more than 20 full-time professional broadcasters and film makers are assisted by graduate assistants, doctoral fellows, and over 50 undergraduate employees.

WBGU-TV, a regional public television station serving northwestern Ohio, broadcasts instructional television programs to elementary and secondary classrooms during the day and cultural and public affairs programs to the general public throughout the evening. It is affiliated with the Public Broadcasting Service (the national public television network) and with the Ohio ETV Network. The station's extensive local program production schedule provides student opportunities for professional production experience both in television and film making.

TELEVISION AND FILM INSTRUCTION

The Closed-Circuit Instructional Television Office serves the campus community with telecourses and a variety of other educational TV and film materials utilized by academic departments. A campus-wide dual TV Cable system is being planned to carry commercial station programming and educational programming to all residence halls. The system will provide opportunity, also, for intra-University communications.

The Center's film-making staff contracts with state and other agencies for film production projects, some of which attain nationwide distribution.

In addition to the Television and Film Center, the Department of Speech building contains complete television and film production facilities. Students enrolled in courses in the Radio-Television-Film area of the Department work in modern radio and television studios and film-making quarters. Professional film-making equipment, including a completely equipped dark room, makes it possible for a student to work in creative, experimental film production. Outstanding student-made films can be aired on the University closed-circuit TV system and on WBGU-TV and may be entered in film festivals.

A new television studio-classroom affords opportunities for faculty and students to conduct research involving videotaping techniques.

FORENSICS

A broad program in forensics, stressing debate, extempore speaking, public address, and interpretative reading, is sponsored by the Department of Speech. Experienced and beginning debate teams travel throughout the nation debating the national collegiate proposition against the teams of other colleges and universities.

MUSIC ORGANIZATIONS

Membership in music organizations is open to every student whether or not he is a music major or minor with selection made on the basis of tryouts. These organizations include the A Capella Choir, University Chorus, and Collegiate Chorale; Concert, Marching, and Symphonic Bands; Symphony and Chamber Orchestra; and a number of other vocal and instrumental ensembles, including Collegium Musicum and Jazz Lab Band. See course description supplement for a full listing of ensembles.
STUDENT PUBLICATIONS

The two major campus publications, The BG News—the newspaper—and The Key—the yearbook—are published under the supervision of a student-faculty committee. The BG News serves (to some extent) as a laboratory for the School of Journalism, but any student is eligible for a staff position on either The BG News or The Key.

INTRAMURAL SPORTS

The intramural program includes approximately 40 different activities. Among these are archery, badminton, basketball, bowling, fencing, golf, handball, field hockey, outing, softball, swimming, tennis, platform tennis, touch football, ice hockey, track, and volleyball.

INTERCOLLEGIATE ATHLETICS

Intercollegiate athletic teams at Bowling Green are nicknamed the Falcons and compete in baseball, basketball, cross-country, football, golf, hockey, lacrosse, soccer, swimming, tennis, track, and wrestling.

New sports activities at the University are first established on a club basis and later receive intercollegiate status. There are club teams in curling, gymnastics, rifle, rugby, and sailing.

The University is a member of the Mid-American Conference, which also includes Kent State University, Miami University, Ohio University, and the University of Toledo in Ohio and Central, Eastern, and Western Universities in Michigan.

A student who is in good scholastic standing is eligible to compete in intercollegiate contests. When a student becomes a candidate for a position on any of the teams that compete in intercollegiate contests, it is presumed that he does so with the knowledge and consent of his parents or guardian. Every precaution is taken to safeguard the health of the student who participates in an intercollegiate sport. A physician is always present at intercollegiate contests in the more rigorous sports. Although the University carries a restricted type of insurance on team members, it can guarantee to pay only the cost of first-aid treatment in the event of injury.

WOMEN'S SPORT PROGRAM

The women's sport program provides challenges in competition and skills for those players of exceptional ability. Teams are selected to compete with other colleges and universities and to provide advanced training and coaching for those who desire it.

The women have an opportunity to compete in the following activities: basketball, fencing, field hockey, golf, gymnastics, lacrosse, softball, swimming—speed and synchronized, tennis, track, and volleyball.

UNIVERSITY REGULATIONS

The increasingly complex organization of a growing University dictates that student regulations must be broadly conceived and must vary from college to college. As the academic programs of the colleges change, the regulations that govern the student have to be modified.

The student should be prepared to accept responsibility for his own conduct and the consequences of his success or failure. The University as an institution cannot act in loco parentis, nor does it attempt to do so. The University provides a comprehensive program of student services including a Student Medical Center, a Counseling Center, counseling by the Dean of Students and his staff, an Office of Career Planning and Placement, and other counseling services. Each student can, on his own initiative, secure the counseling he needs by communicating with the appropriate office.
CLASS ATTENDANCE

The faculty believes that classroom activities are essential to learning and to the application of knowledge.

The student is responsible for knowing and meeting course requirements, including tests, assignments, and class participation, as indicated by the course instructor. The instructor has no obligation to give make-up examination or to review other class work missed by a student as a result of unauthorized absence.

A student may be authorized to be absent for reasons of University-sponsored activities, personal illness, death in the immediate family, and other genuine emergencies. Absences for illness are authorized: (1) by the Student Medical Center when a student is hospitalized in the Center; or (2) by the Registrar when the student presents a certificate that he has been undergoing medical treatment at home. Absences for University-sponsored activities are authorized by the office of the appropriate dean; absences for other just causes are authorized by the Dean of Students. Such authorizations are certified by the Registrar, and the student may obtain such certification to show instructors upon returning to class.

An instructor may accept a student's excuse for an unauthorized absence as a basis for making up major tests and examinations. He must accept an absence authorized and certified by the Registrar as grounds for allowing a student to make up missed major tests and examinations. The responsibility, however, for making up work missed during absences rests with the student.

ACADEMIC HONESTY

One of the objectives of the University Policy on Academic Honesty is to communicate to all members of the University community the conviction of the University and its faculty that cheating and plagiarism are destructive to the central purposes of the University and are universally disapproved. In addition, the policy statement provides procedures for accomplishing these objectives by the student body, faculty, academic deans, and the University Academic Honesty Committee.

Included among these procedures are the following provisions:

1. Each faculty member should include in his introduction to a course a statement of his policies with regard to cheating and plagiarism;
2. Every instance of academic dishonesty must be reported to the dean of the college in which the student is enrolled to the dean of the college in which the course is taught, and to the Dean of Students either by the instructor or by a student in the class where the incident occurs;
3. Penalties for offenses may range from warning to expulsion; a range of penalties for each particular type of offense is listed in the policy statement;
4. The University Academic Honesty Committee shall have appellate jurisdiction in cases of academic dishonesty. The academic dean assessing a penalty shall inform the student in writing of his right to appeal. An appeal must be initiated in writing within ten days of the date on which the student receives notice of the penalty. An appeal may be based on new evidence or on procedural errors in the proceedings leading to the assessment of the penalty;
5. The complete statement of policy is published in all editions of the Student and Faculty Handbooks.

CAUSE FOR SUSPENSION

The University reserves the right to suspend or dismiss a student whenever he fails to observe and support basic University regulations and policies.

Regulations regarding suspension or dismissal for unsatisfactory scholarship are described in the section on Academic Standing. (See page 21.)

STUDENT USE OF AUTOMOBILES

The University recognizes that the use of automobiles is a part of the daily living of most Americans and considers it a part of a student's education that he develop habits of responsible citizenship in this respect. However, present congested conditions on campus, limited parking facilities, and the proximity of freshman residence halls
to classroom buildings dictate that parking for a car registered by a freshman be limited to designated spaces some distance from the center of the campus. Unless use of a car is necessary to avoid severe hardship, a freshman should not plan to bring one to the campus.

MARRIAGE OF STUDENTS
A student who marries while enrolled in the University is requested to inform the Dean of Students immediately.

POSSESSION OF FIREARMS
Only those firearms which are owned by the United States government and are issued by the military departments and firearms which are owned and are issued by the University are permitted on campus.

ARMY AND AIR FORCE ROTC
A qualified student may earn a commission as a second lieutenant while studying for a college degree by enrolling in the Reserve Officers Training Corps (ROTC). He may choose either the Army or Air Force ROTC at Bowling Green State University. Both Army and Air Force ROTC enroll approximately 200 cadets each.

Under the provisions of the 1964 ROTC Vitalization Act, two programs are offered for both the Army and Air Force.

1. A four-year voluntary program (basic and advanced courses) with ROTC books and uniforms furnished at no cost to the student plus $100 per month paid to the student during the advanced course (junior and senior years).

Qualified students may apply for the scholarship program which covers University expenses (except room and board) including fees, books, and uniforms plus $100 per month. The student competes for this scholarship on a national basis while in high school or at Bowling Green State University.

2. A two-year voluntary program (advanced course) during the junior and senior years with ROTC books and uniforms furnished at no cost to the student plus $100 per month paid to the student.

Prior to starting the two-year program, the student completes a six-week summer field training period at an active military base. This is a substitute for the ROTC basic course. The student is paid a total of approximately $430 during this training.

An advanced course six-week field training period is taken by each student in the advanced Army ROTC Program following the junior year. The student is paid $265.35 per month during this training period.

An Air Force ROTC cadet enrolled in the four-year voluntary program only is required to attend four weeks of summer training prior to the junior year. The student is paid $265.35 per month during this training period.

Additionally, each student attending summer field training is furnished food, housing, uniforms, medical care, and travel expenses to and from camp.

Following successful completion of the ROTC program, the student is commissioned as a second lieutenant in the U.S. Air Force or Army Reserve. At this time, he receives a $300 uniform allowance.

A student attending a nearby college or university which does not have an ROTC unit may enroll in the advanced ROTC program provided the officials of both institutions and the military department concerned concur.

Enrollment in ROTC is elective, but while enrolled the student must remain a full-time student studying toward a degree. While taking the basic course, the student may withdraw from ROTC and receive academic credit for that portion of the program which he has successfully completed. The student who is out of phase with his normal class progression may enroll in the ROTC program provided he is in good academic standing. A former serviceman may, during his sophomore year, apply for entry directly into the advanced program.

A candidate for the optional two-year Army or Air Force ROTC advanced course should apply for admission in December, normally in his sophomore year.
However, any student with six quarters remaining toward the bachelor's degree or higher work at Bowling Green may apply. Selection is based on the results of physical and mental examinations, academic standing, and successful completion of the summer field training prior to enrollment in the advanced course.

Most undergraduate programs allow the student at least 30 hours of electives. From 24 to 30 hours are allowed for the four-year ROTC program. All credits earned in ROTC apply toward graduation.

To help finance cadet corps social activities, the Army and Air Force ROTC cadet councils, at the request of their members, have established an annual activity charge of approximately $5 per ROTC student, payable in the fall quarter.

ARMY ROTC

Both the four- and two-year ROTC Programs are available at the University, but the primary Army ROTC Program remains a voluntary four-year course of instruction. The student who elects Army ROTC prepares for leadership positions to which he is assigned soon after entering active duty. A thorough understanding of leadership principles, as well as self-discipline, is required in the preparation of the student entering the Army.

The four-year program is divided into two phases: the basic course which is offered during the freshman and sophomore years, and the advanced course which is offered during the junior and senior years. A freshman may enroll in the basic course and either apply for the advanced course or withdraw from the program at any time during the first two years. A student who applies for the advanced course must be in good academic standing, pass a general aptitude qualification test and general type physical examination, and be accepted for further military education by the Department of Military Science.

Several field trips are scheduled to selected military installations to orient cadets on various aspects of military life.

To enroll in the optional two-year Army ROTC Program, the student must, in addition to meeting the advanced course prerequisites, attend a summer military field training period of not less than six weeks prior to his enrolling in Military Science 301.

When a student has successfully met all requirements for the advanced course and his selection has been approved by the Department of Military Science, he is enlisted in the U.S. Army Reserve as part of his contract agreement. The cadet who is graduated and commissioned is honorably discharged from his enlisted status prior to receiving his commission. He may then be required to serve on active duty for a period of two years.

An Army Aviation Flight Training Program leading to a private pilot's license is offered by the University. A selected senior in the Army ROTC who completes the program may apply for 3 hours of credit in Industrial Education and Technology 141, Private Pilot Training. This training is offered at no cost to the student. In addition, the student who successfully completes this program becomes eligible to apply for further training as an Army aviator after receiving his commission and entering active duty.

The Army ROTC academic program provides a four-year student with a total of 30 hours of credit (33 hours with flight training) and the two-year student with a total of 18 hours of credit (21 hours with flight training). The student who enters the four-year program and completes the basic course but who elects not to enter the advanced course may earn 12 hours of credit.

AIR FORCE ROTC

Male and female students desiring to enroll in Air Force ROTC must meet aptitude requirements. Enrollment is elective, but while enrolled the student must remain a full time student studying toward a degree.

The student who is enrolled in the four-year program takes Aerospace Studies 101, 102, 103 in the freshman year and Aerospace Studies 201, 202, 203 in the sophomore year. He spends two hours per week in ROTC courses for which he
receives 1 hour of credit for each quarter. The advanced course student earns 3 hours of credit for each of six quarters of the advanced course.

The entering freshman who wishes to enroll in Air Force ROTC for the four-year program should register for Aerospace Studies 101 during registration. The student who desires to compete for a limited number of spaces in the two-year program should notify Air Force ROTC in Memorial Hall during December of his sophomore year. A freshman entering during mid-year may enroll in Aerospace Studies 102 or 103 as appropriate.

The student who is accepted for the advanced course must be in good academic standing with the University, have earned at least a 2.0 on a 4.0 scale grade point average, have successfully completed the Air Force Officer’s Qualifying Test (general knowledge and aptitude) and the Air Force medical examination, be of high moral character, and demonstrate high leadership potential as an officer.

See course description section for required courses for both the two-year and four-year programs.

A selected qualified senior in Air Force ROTC may receive 36½ hours of flying training at the University Airport at no cost to himself. The student who successfully completes this training is eligible for a private pilot’s license and receives 6 additional hours of credit. A senior Air Force ROTC student who has previously received his FAA private pilot’s license is not eligible for this training.

The Air Force ROTC corps training activities, which are part of each course, offer the student many opportunities for practical leadership training and experience in a supervised environment. The activities include an organized cadet corps led by a cadet commander and his staff and organized classroom situations to prepare the student to assume and carry out leadership responsibilities in civilian positions as well as in the U.S. Air Force.

The student who successfully completes the Air Force ROTC program and graduates from the University is commissioned as a second lieutenant in the U.S. Air Force, and should expect to be called to active duty in the Air Force during the year following graduation. He should plan to serve for four years except that officers who elect pilot or navigator training should plan to serve for six years. An officer may elect to serve as a career USAF officer after the initial tour of active duty; or he may return to a civilian career and, at his option, retain a reserve commission. A graduate may delay entry into active duty to attend graduate school.
THE COLLEGE OF ARTS AND SCIENCES

John G. Eriksen, Dean
Allen N. Kepke, Assistant Dean
Donald M. Ragusa, Assistant Dean
Howard L. Shine, Assistant Dean
Ralph N. Townsend, Assistant Dean

Arts and Sciences Council
Sheldon Halpern, Chairman; James Q. Graham, Past Chairman; David S. Newman, Secretary; Lois A. Cheney; John T. Greene; L. David Sabagh; John G. Eriksen, ex-officio; Allen N. Kepke, ex-officio; Donald M. Ragusa, ex-officio; Howard L. Shine, ex-officio; Ralph N. Townsend, ex-officio.

Arts and Humanities Committee
Lois A. Cheney, Chairman; Philip R. Wigg, Secretary; Ramona T. Cormier; Charles L. Crow; Michael J. Flys; Charles F. Hartman; William B. Pepper; Allen N. Kepke, ex-officio.

Science and Mathematics Committee
L. David Sabagh, Chairman; Paul F. Endres, Secretary; Thomas Berry Cobb; Irwin Oster; Donald E. Owen; Joan K. Stepenske; Ralph N. Townsend, ex-officio.

Social Science Committee
John T. Greene, Chairman; Bernard Sternsher, Secretary; Edward S. Claflin; Ralph W. Frank; J. David Reed; Lajos Vincze; Donald M. Ragusa, ex-officio.

Academic Appeals Committee
This committee considers student requests for minor deviations from established academic patterns, problems of reinstatement, overload requests, etc. Academic Appeals forms may be obtained in the office of the College of Arts and Sciences.

Academic Advising
Although the adviser and the Dean’s Office counsel students and check each student’s record, the responsibility for meeting graduation requirements lies with the student and not with the adviser, the department or the Dean. Thorough familiarity with the General Bulletin is essential.

ARTS AND SCIENCES
The College of Arts and Sciences is devoted to guiding the student in the development of the creative intellectual ability and concern fundamental to that search for knowledge which is the primary purpose of all educated men and women. Through a curriculum which emphasizes a breadth of intellectual inquiry in the natural sciences, the social sciences, the arts, and the humanities, the student is
brought into contact with the great questions (epistemological, ethical, social, aesthetic, and political) which every man or woman must ultimately consider. As an integral part of this higher learning, the student pursues work in a major field of interest to a level of knowledge that requires him to learn the critical and scholarly methods involved in developing and testing new knowledge.

The program of the College of Arts and Sciences provides an excellent, in many ways the best possible, foundation for any vocation rather than specific training for a particular career. Largely because of this breadth of education, vocational opportunities exist for nearly every graduate of the four-year Arts and Sciences program. Certain professions—medicine, law, etc.—however, require that the student plan to attend a graduate school after receiving the Arts and Sciences degree.

DEGREES OFFERED

Four degrees are offered by the College of Arts and Sciences:
  - Bachelor of Arts
  - Bachelor of Science
  - Bachelor of Fine Arts
  - Bachelor of Liberal Studies

GENERAL REQUIREMENTS FOR A DEGREE

In addition to specific requirements listed on the following pages, a candidate for any degree in the College of Arts and Sciences must meet these general requirements:
1. Satisfy the University entrance requirements;
2. Complete in residence at least 45 hours of credit immediately preceding graduation;
3. Earn a minimum of 183 hours of credit including 3 hours in health and physical education;
4. Complete the requirements as stated in the General Bulletin for his course of study. If a dropped student is readmitted, he shall follow the requirements of the General Bulletin current at the time of readmission. A student who withdraws and later returns may continue to follow the requirements current when he was first admitted, provided that the General Bulletin is no more than four years old. A student who transfers to the College of Arts and Sciences from another college will follow the requirements of the General Bulletin current at the time of transfer.

Courses may be counted toward the required 183 credits if they are:
1. Required or recommended in the student's major or minor;
2. Basic courses in health and physical education—H.P.E. 100 and 200—or basic or advanced courses in Air Force or Army ROTC programs;
3. Offered by departments or divisions marked with an asterisk in the Description of Courses, namely: Art—except 343, 352, 353; Biology; Chemistry; Computer Science; Economics—except 409, 444, 461; English; Geography; Geology; German and Russian; History; Honors: Mathematics—except 241, 242; Music—except 351, 352, 353, 354, 355, 356, 456, and courses in pedagogy; Philosophy; Physics; Political Science; Psychology; Romance Languages; Sociology; Speech—except 351, 425, 435; Statistics—in Department of Quantitative Analysis and Control.

A maximum of 20 hours not meeting these specifications may be included in the 183 hours required for the degree offered by the College of Arts and Sciences. Courses marked not for Arts and Sciences credit may be elected under this provision.

The student also must earn a point average of at least 2.0 in all courses undertaken, and he must complete 60 or more hours of credit in courses numbered 300 and above.

A candidate for graduation must file an Application for Graduation with the Registrar. An application blank for this purpose may be obtained at the Registrar's Office. See page 18 for deadlines for Application for Graduation.
SPECIAL STATUS PRIVILEGES

The student in the College of Arts and Sciences who has demonstrated superior ability and motivation in his college work may petition the office of the Dean of the College of Arts and Sciences for Special Status after one year in the University. Admission to Special Status will permit exceptions to certain regular academic patterns for the purpose of enriching and individualizing a student's academic program. A student, however, will normally be expected to meet the group requirements of the College. In most cases, Special Status is granted when the student's intellectual goals cannot be met within the framework of the major-minor structure of any one department. The written petition for Special Status must be accompanied by a written recommendation from the student's adviser. In addition, a reasonably detailed program indicating the courses and seminars to be taken in the future should be included.

SPECIFIC REQUIREMENTS FOR THE BACHELOR OF ARTS DEGREE

Each student must complete the group requirements listed below as nearly as possible in the freshman and sophomore years and must satisfy the requirements for a major and a minor area of specialization as outlined on page 48. Every student, however, must take English and health and physical education in the first year. If known, the major or minor may be started in the first year; but selection of the major may be made as late as the junior year.

Group Requirements

Group I: *English Composition*. Each student is required to complete English 112 or to demonstrate by examination that he has a proficiency in written expression equivalent to that attained by the student who completes that course. Speech 102 is recommended for each student.

Group II: *French, German, Italian, Latin, Russian, Spanish*. Each student is required to demonstrate a proficiency equivalent to completion of French 202, German 202, Italian 202, Spanish 202, Russian 202, or Latin 202. This may be satisfied by:

1. Completing the course in college;
2. Passing an examination in the language;
3. Having completed four years of study of one language in high school;
4. Having been graduated from a high school where all instruction was conducted in a language other than English.

Credit toward a degree is not granted for foreign language courses which duplicate more than one unit of high school study.

Group III: *Mathematics and Science*. Each student must complete both 1 and 2;

1. At least 12 hours elected from biology, computer science, chemistry, geology, physics, or physical geography (including Geography 125, 126, 127, 213, 404, 471) including at least three laboratory courses in the same science;*
2. One of the following:
   a. Three and one-half years of high school mathematics or equivalent proficiency as demonstrated on a placement test;
   b. Mathematics 122 or 124 or 130;
   c. Mathematics 121 and Philosophy 205.

Group IV: *Economics, Geography, History, Political Science, Psychology, Sociology*. Each student is required to complete six courses selected from at least three of these areas with at least three courses in one area.

Group V: *Art, Literature (American, English, or foreign), Music, Philosophy, Speech*. Each student is required to complete one course in literature (American, English, or foreign) and four additional courses from at least two of the following areas:

* Biology 101, 104 or Chemistry 111, 112 suffice to meet this laboratory requirement. Science courses numbered 100 do not apply upon a student's degree requirements if he also has credit for the introductory laboratory course in the same science.
Art 101, art history; American, English, or foreign literature; music appreciation, music history, music literature; philosophy (except Philosophy 205 used to apply to Group III); drama, history of public address. A list of courses approved for the Group V requirements is available in the office of the College of Arts and Sciences.

SPECIFIC REQUIREMENTS FOR THE BACHELOR OF SCIENCE DEGREE

Each student must complete the group requirements listed below as nearly as possible in the freshman and sophomore years and must satisfy the requirements for a major and minor area of specialization as outlined below. Every student, however, must take English and health and physical education in the first year. If known, the major or minor may be started in the first year, but final selection of the major may be made as late as the junior year.

The student must satisfy the requirements for a major area of specialization in biology, chemistry, computer science, geology, mathematics, physics, or psychology and a minor area of specialization as outlined below.

Group Requirements

Group I: English Composition. Each student is required to complete English 112 or to demonstrate by examination that he has a proficiency in written expression equivalent to that attained by the student who completes that course. Speech 102 is recommended for each student.

Group II: French, German, Italian, Latin, Russian, Spanish. Each student is required to demonstrate a proficiency equivalent to completion of French 202, German 202, Italian 202, Spanish 202, Russian 202, or Latin 202. This may be satisfied by:
1. Completing the course in college;
2. Passing an examination in the language;
3. Having completed four years of study of one language in high school;
4. Having been graduated from a high school where all instruction was conducted in a language other than English.

Group III: Biology, Chemistry, Computer Science, Geology, Mathematics, Physics, Psychology**. A student is required to complete a minimum of 65 hours of credit in two or more of these fields including:
1. A major in biology, chemistry, computer science, geology, mathematics, physics, or psychology;
2. A minimum proficiency in mathematics equivalent to Mathematics 130 or four years of high school mathematics.

Group IV: Economics, Geography, History, Political Science, Psychology, Sociology. Each student is required to complete four courses in one or more of these areas. A student who includes psychology courses in Group III may not include psychology courses in this group.

Group V: Art, Literature (American, English, or foreign), Music, Philosophy, Speech. Each student is required to complete one course in literature (American, English, or foreign) and three additional courses from at least two of the following areas: Art 101, art history; American, English, or foreign literature; music literature; philosophy; drama, history of public address. A list of courses approved for the Group V requirements is available in the Office of the College of Arts and Sciences.

SPECIFIC REQUIREMENTS FOR THE BACHELOR OF LIBERAL STUDIES DEGREE

To be admitted to the Bachelor of Liberal Studies degree program, a student must satisfy the University entrance requirements and have completed at least 45

**Science courses numbered 100 do not apply upon a student’s degree requirements if the student also has credit for the introductory laboratory course in the same science. Psychology credits may be applied to this group only by a student majoring or minoring in psychology and may not exceed 36 of the 65 credits.
hours of credit with a 2.0 accumulative grade average prior to formal admission to the program.

Requirements for graduation include: complete in residence at least 45 hours of credit immediately preceding graduation after having been admitted to the program; earn a minimum of 183 hours of credit including three hours in health and physical education, and four hours of English 112 or equivalency to be completed in the freshman year; earn a point average of at least 2.0 in all courses taken, and complete 60 or more hours of credit in courses numbered 300 and above; include, if desired, up to 30 hours credit in non Arts and Sciences courses. (These include courses offered by the Colleges of Business Administration and Education, School of Music, and Experimental Studies.) No more than 40 credit hours from any one department may be counted toward the degree.

MAJOR AND MINOR PATTERNS FOR THE DEGREES OF BACHELOR OF ARTS AND BACHELOR OF SCIENCE

By the middle of the second year, each student selects a major and a minor subject. The number of hours required for a major or minor varies with departmental requirements but is at least 48 hours in the major and 30 hours in the minor except as indicated in the following sections. In arranging courses in the minor field, a student should consult the department concerned.

Major or minor programs are available in the following Departments:

Art; Biology; Business Administration; Chemistry; Computer Science; Economics; English; French;
Geography; Geology, Geophysics, or Geochemistry; German; History; Home Economics;
Latin; Library and Educational Media-minor; Mathematics; Music; Philosophy;
Physics; Political Science; Psychology; Russian; Sociology; Spanish; Speech; Statistics.

An interdepartmental planned program of 63 hours minimum in American Studies may be elected. No minor is required. Major requirements are listed below, and the program is described on page 125.

An interdepartmental planned program of 68 hours in International Studies may be elected. The program is described on page 127.

An interdepartmental planned program of 65 hours minimum in Popular Culture may be elected. No minor is required. Major requirements are listed below, and the program is described on page 127.

An interdepartmental minor in science is available for the student seeking the degree of Bachelor of Science. The program is described on page 55.

An interdepartmental minor in the area of statistics may be elected. The program is described on page 55.

MAJOR AND MINOR SUBJECTS

The following outlines represent the usual sequences; but these may be modified upon the recommendation of the department, to meet the needs of the student.

AFRO-AMERICAN STUDIES. Planned Program—an interdepartmental and interdisciplinary planned program designed to provide a comprehensive study of the life and experiences of the black American. The major program consists of a minimum of 60 hours: (1) at least 30 hours in one of the following: economics, English, history, political science, psychology, sociology, speech; (2) sixteen hours of seminar or independent study; (3) remaining hours selected in consultation with adviser.

A minor program consists of a minimum of thirty hours of course work selected by the student and the office of Ethnic Studies and approved by the College of Arts and Sciences.

AMERICAN STUDIES. Planned Program—no minor required: this interdepartmental program requires 63 hours minimum including the following 6-10 hours of basic courses in each of the departments involved: Art 457, either Art 444 or 456; English, two courses from 303, 304, 305; History 205, 206; Philosophy 101, 415;
Political Science (8 hours from 301, 304, 331, 332, 341, 345, 346, 347, 416, 417, 418, 421, 422, 430, 440, 442); Sociology 101 and one course from 231, 311, 315, 316, 413, 418. A second requirement is a field of concentration of 23 hours (including the basic courses) in one of the six departments. An additional 4 hours of the 63 must be devoted to a senior seminar (American Studies 400 or English 425). The remainder of the individual program is composed of electives approved by the American Studies adviser. See page 125.

ART. Major: First Year—Art 102, 103, 112, 145, 146. Second Year—Art 205, 211, 245; 261 and 263; 371 and 373; 377. Third and Fourth Years—3 hours of art history, electives in art.

Minor: First Year—Art 102, 103, 112, 145, 146. Second Year—Art 245, electives in art. Third and Fourth Years—3 hours of art history, electives in art.

ART HISTORY. Minor: Art 145, 146, 245, electives in art history. Total: 30 hours.

ASIAN STUDIES. Planned Program—through multi-disciplinary approach, the Asian Studies Program is designed to provide students with: (1) a broad view of Asia, (2) an in-depth knowledge of a selected country, or a region of Asia, and (3) an ability to comprehend an indigenous language. Major: 55 credit hours taken from a list of courses provided plus the completion of a 202-level Asian language course.

Minor: 40 credit hours. No language required.

BIOLOGY. Major: First Year—Biology 106, 107. Second Year—Biology 208, 213, 251. Third and Fourth Years—a minimum of 15 hours at the 400-level and electives in biology. One course in organic chemistry (with laboratory) is required. Biochemistry, calculus, and physics are recommended.

Minor: First Year—Biology 106, 107. Second Year—Biology 208, 213, 251. Third and Fourth Years—electives in biology. Two quarters of laboratory chemistry are required.

BUSINESS ADMINISTRATION. Major: First Year—Statistics 111, Quantitative Analysis and Control 160. Second Year—Accounting 221, 222; Economics 201, 202; Statistics 212. Third Year—Economics 303/311; Finance 300; Management 300; Marketing 300. Fourth Year—Business Law 301; Business Administration 405. Total: 52 hours.

Minor: First Year—Statistics 111, Quantitative Analysis and Control 160. Second Year—Economics 201, 202; Accounting 221, (222). Third Year—Finance 300; Management 300; Marketing 300. Fourth Year—Business Administration 403. Total: 36-40 hours.

CHEMISTRY. The following basic courses are required of each chemistry major: Chemistry 121, 122, 123, 201 or 131, 132, 133, 450 or 321—the preferred sequence for one who meets the requirements; 310—except in the least rigorous major, 343, 344, 345. Additional chemistry courses required for each of three levels are listed in the following paragraphs.

A.C.S. Major: the American Chemical Society minimum standards for professional training require Chemistry 431, 433, 435; at least 3 quarter hours of credit in Chemistry 432, 434, 436; 450; 441 or 442; 451; 460, 461; and two advanced courses selected from Chemistry 413, 414, 440, 445, 511, 512, 514, 515 or approved 400-level courses in physics and mathematics. To complete this program, a student should take physical chemistry before his senior year. Mathematics 333 (or Physics 441); Physics 131, 232, 233, one year of German or Russian are also required.

A Major: a student who wishes to complete a more limited major, but one that is adequate for advanced study at a later time, should take Chemistry 431, 433, 435; 432, 434; electives from among 400-level chemistry courses. Mathematics 232 is required. German or Russian should be selected as the foreign language. Total: 48 hours of chemistry.

B Major: a student who desires a still less rigorous major in chemistry as the basis for a profession other than chemistry or for less technical employment may meet the minimum requirements for a major by completing additional
chemistry courses as follows: 1. At least one course in physical chemistry—Chemistry 352 or 431, 432; 2. Other courses selected from the following: electives from among Chemistry 307, 310, 321 and 400-level chemistry courses; 3. At least one 400-level chemistry course.

Total: 48 hours.

A chemistry major specializing in biochemistry may find the following sequence of biology courses desirable: Biology 106, 107, 251 to be followed by selected courses in physiology, bacteriology, immunology, or advanced genetics.

Minor: First Year—Chemistry 121, 122, 123 or 131, 132, 133. Second Year—Chemistry 201, (for those having taken Chemistry 123) electives in chemistry.

Third and Fourth Years—electives in chemistry.

CLASSICAL STUDIES. Major: Latin 351 and two 400-level courses in a Latin author and at least 21 hours beyond Latin 202; Art 444, Philosophy 310 and one from the following: History 440, 441, 442. Recommended: Greek 101, 102, 201, and 202.

Total: 32 hours.

COMPUTER SCIENCE. Major: Computer Science 101, 102, 201, (for those having taken Chemistry 123) electives in chemistry.

One of 304, 451, or 452. At least three other courses at the 400-level, of which at least two courses are other than 490.

Minor: 28 hours of computer science including 101, 102, 201, 202 with not more than four hours of Computer Science 490.

ECONOMICS. Major: Second Year—Economics 201, 202; Statistics 111, 212 or equivalent. Third Year—Economics 302, 303, 311, electives in economics.

Fourth Year—electives in economics.


Fourth Year—electives in economics.

ENGLISH. Major: minimum total 52 hours (course credit for these requirements may be achieved by examination; see page 14).

Group I (all required): 112; 202 or 203 or 204 or 205 or 206; 207 or 208 or 251; 301; 380.

Group II (any two): 309, 312, 314, 400, 401, 406.

Group III (any two): 303, 310, 315, 316, 408, 410, 415.


Minor: Minimum total 32 hours (course credit for these requirements may be achieved by examination, see page 14).

Group I (all required): 112; 202 or 203 or 204 or 205 or 206; 207 or 208 or 251; 301.

Group II (one required): 309, 312, 314, 400, 401, 406.

Group III (one required): 303, 310, 315, 316, 408, 410, 415.


Minor: First Year—Geography 125, 126, 127. Second, Third, and Fourth Years—Geography 321, 322, 350; one of the following: Geography 341, 342, 343, 344, 345,
346, 347, 348, 349; one of the following: Geography 213, 225, 230, 402, 404, 411, 412, 413, 425, 426, 442, 451, 452.

A geography major may elect to specialize in cartography. Such a student should also take Mathematics 130, 131; Statistics 111.

A geography major who is interested in economic geography should elect Geography 225, 402, 426; Statistics 111.

GEOLOGY. Major—B.S.: 40 hours above the 100-level courses including Geology 302, 303, 307, 308, 309, 311, 312, 320, 321, 412. Geology 494 taken at Bowling Green (or the equivalent in geology field work with the approval of the Undergraduate Committee of the Department) also is required. A student majoring in geology for the B.S. degree is required to complete Chemistry 121, 122, 123 or Chemistry 131, 132; Mathematics 131; Physics 110, 211.

A student with a concentration in paleontology must complete the requirements for the equivalent B.S. degree in geology plus a minor in biology.

A student may elect to specialize in geophysics. Such a student should take the following courses: Geology 307, 308, 311, 320 or 321, 494; Chemistry 131, 132; Physics 131, 232, 233, 334, plus a minimum of four additional hours of upper level courses; Mathematics 131, 231, 232, plus a minimum of four additional hours of upper level courses; Computer Science 101.

A student may elect to specialize in geochemistry. Such a student should take the following courses: Geology 307, 308, 311, 312, 320, 321, 411; Mathematics 131, 231, 232; Physics 131, 232, 233, 334; Chemistry 131, 132, 133, 201; either Chemistry 306, 431, 432, 433, 434, 435, 436 or Chemistry 343, 344, 345, 346. No minor is required.

Major—B.A.: 40 hours above the 100-level including Geology 494.

Minor: 30 hours in geology.

GERMAN. Major: 30 hours in courses beyond German 202 or the equivalent. Courses should include German 317 and 318. German 260 does not count toward the major.

Minor: 18 hours in courses beyond German 202.


Minor: 16 hours chosen from History 151, 152, 153, 205, 206, 280; 16 additional hours, with at least 4 hours chosen from each of the three categories indicated for the major in history.

HOME ECONOMICS. Major: core courses in Home Economics 103, 105, 205, 301, 303, 320 and either a concentration in foods consisting of Home Economics 206, 210, 211, 212, 307, 311, 324 or a concentration in clothing consisting of Home Economics 101, 102, 203, 204, 207, 304, 310, 325.

Minor: Home Economics 103, 105, 205, 207, 303, 320, 324, 325.

A student interested in merchandising (clothing and home furnishings) should take the core courses; a concentration in clothing; and the following recommended courses: Art 101, 103, and/or 112; Business Administration 102, 303; Economics 201, 202; Marketing 300, 410, 430; Psychology 201; Sociology 101; Speech 102.

A student interested in interior decoration should take the core courses; a concentration in clothing; and the following recommended courses: Art 101, 103, 104, 112; Home Economics 406; and as many business administration and art courses as possible.

A student interested in professional costume designing should take the core courses; a concentration in clothing; and the following recommended courses: Art 101, 103, 112; Home Economics 406; and as many business administration and art courses as possible.

A student interested in journalism associated with home economics should take a major in home economics and a minor in journalism.
INTERNATIONAL STUDIES. Planned Program—An interdisciplinary program for the undergraduate who wishes to pursue a concentrated course of studies in preparation for research, teaching, or administrative specializations in the areas of East Asia, Latin America, the Middle East, the Soviet Union, and Eastern Europe.

A student specializing in the areas of East Asia, the Middle East, the Soviet Union, or Eastern Europe completes 20 hours of basic courses—History 153, Political Science 101, Economics 201, Geography 230, and Sociology 231—together with 25 hours of courses in his area of specialization to be chosen in consultation with his major adviser. To insure maximum exposure to the intellectual and literary traditions of the area of his choice, the student must complete 9 hours of courses above the 202-level in an appropriate language—German, Russian, or French. The student also is encouraged to take advantage of appropriate programs of study abroad sponsored by Bowling Green or other universities which can contribute to his familiarization with his major area of interest. An appropriate minor is chosen in consultation with the International Studies adviser.

A student may elect a major specialty or a minor specialty in Asian Studies by completing 55 or 40 hours, respectively, of courses chosen from at least three different disciplines. For a major specialty completion of 20 hours of an appropriate language or passing a proficiency test is required. A list of approved courses is available from the program adviser, E. Chen.


LATIN AMERICAN STUDIES. Planned Program—History 409, 410, 411, and 412; Political Science 355, 456, and 477; Spanish 363, 373, 481 or 482 and 483; Economics 453; Geography 348, 349, and Latin American Studies 401. The student chooses Spanish as his foreign language and an appropriate minor in consultation with his adviser.

LIBRARY AND EDUCATIONAL MEDIA. Minor only: Library and Educational Media 203, 403, 407, 408, 428, 491, electives in Library and Educational Media. Total: 30 hours.

MASS MEDIA. Planned Program to substitute for departmental minor. A program designed to give students—as consumers of the mass media—an opportunity to examine the role of the mass media in a democratic society. Primarily for students not planning careers in print, broadcast, or film media. The program consists of a minimum of thirty credits selected from the following courses. At least three departments are to be represented and no more than three courses are to be selected from any one department: English 260, 370, 426; Journalism 103, 203, 402, 422, 435; Marketing 410; Political Science 341, 443; Sociology 407; Speech 360, 460, 465, 466, 469.

MATHEMATICS. Major: Mathematics 131, 231, 232, 332, 333, 339 and six additional courses at the 300 and 400-level including 403, 465 and at least one two-quarter sequence selected from the following: 337, 437; 403, 404; 421, 422; 441, 442; 451, 452; 465, 466.

Minor: Mathematics 131, 231, 232, 332, 333 and two additional courses at the 300 and 400-level.

Suggested program: First Year—Mathematics 131, 231, 232 and Computer Science 101. Second Year—Mathematics 332, 333 and 339; 334 and 337 are recommended for a strong program. Third Year—Mathematics 403, 404 and 441; several electives are recommended for a strong program. Fourth Year—Mathematics 421, 465 and 466; 461 and 467 are recommended for a strong program.

MUSIC. Major: First and second years—Music 107, 108, 109 (18 hours); 204, 205, 206 (9 hours); 218, 219, 220 (9 hours) and six hours of applied music (not including ensembles). Third and fourth years—any twelve hours available for Arts and Sciences credit with the requirement that at least two courses must be from the following groups of courses: theory, composition, history and literature and
repertoire, pedagogy, and diction courses in the Performance Studies Department. The student is urged to select his courses after consultation with an adviser from the School of Music. Total: 54 hours.

Minor: First year—Music 107, 108, 109 (18 hours) and three hours of applied music (not including ensembles). Second year—Music 218, 219, 220 (9 hours) and three hours of applied music (not including ensembles). The student is urged to select further music electives after consultation with an adviser from the School of Music. Total: 33 hours.

For curricula leading to the degree of Bachelor of Music, see pp.112-120.

NURSING. Planned Professional Program. No minor required. Enrollment in the nursing major is limited; admission to the major is granted upon successful completion of the freshman year. A minimum grade point average of 2.0 is required. First year—Biology 104; Chemistry 111, 112, 213 with minimum grade of C in each course.

Although the nursing program is offered in the College of Arts and Sciences, the group requirements vary from the traditional pattern. Listed below are the group requirements for the Bachelor of Science degree with a major in nursing.

Group I. Each student is required to complete English 112 or demonstrate that he has proficiency in written expression equivalent to that attained by students who complete the course.

Group II. Science. Each student is required to complete Biology 104 and Chemistry 111, 112, and 213. Mathematics. One of the following:
   a. Three and one-half years of high school mathematics or equivalent proficiency as demonstrated on a placement test.
   b. Mathematics 122 or 124.
   c. Mathematics 121 and Philosophy 205 or Mathematics 122.

Group III. Each student is required to complete Psychology 201, 270, 305; Sociology 101, 311; and two courses from either economics, geography, history, or political science.

Group IV. Each student is required to complete one course in English literature plus four courses from one or more of the following areas: art, foreign language, literature, music, philosophy, or speech.

Additional required credit hours exclusive of major include: HPE—3 hours; Home Economics 207—4 hours; Education 342—4 hours; electives—12-20 hours.

Major—a minimum of 90 hours is required. Included are 9 nursing courses, 6 human biology courses and 2 health science related courses. Clinical nursing laboratory is included in each nursing course. A minimum grade of C is required in each course in the major.

PHILOSOPHY. Major: Second Year—any two of the following courses: Philosophy 101 (preferred), 202, 205, 230. Third and Fourth Years—any three of the following courses: Philosophy 310, 311, 312, 313; 12 hours of philosophy at the 400-level; electives in philosophy.

Minor: Second Year—one of the following courses: Philosophy 101 (preferred), 202, 205, 230. Third and Fourth Years—any two of the following courses: Philosophy 310, 311, 312, 313; 4 hours of philosophy at the 400-level; electives in philosophy.

PHYSICS. Major: Physics 131, 232, 233, 334, 313 and either 303 or 418, plus additional courses from the 300 and 400 level. Minimum total: 48 hours.

Minor: Physics 131, 232, 233, 334, plus an additional 15 hours of 300 or 400-level courses in physics.

It is recommended that a student majoring or minoring in physics take Chemistry 121, 122, 123 or 131, 132, 133 and Engineering Drawing 104, preferably in his first year. Mathematics 333 should be completed by the end of the student's sophomore year. A minimum of three hours of Physics 413 is suggested for the senior year.

For students expecting to continue to graduate school, a core curriculum
of Physics 303, 416, 417, 418, 419, 441, 442, and a minimum of three hours of 413 is recommended.

POLITICAL SCIENCE. Major: 48 hours. Eight hours of political science at the freshman-sophomore level, including Political Science 290, which must be taken before the senior year. Credit towards the major will be given for either Political Science 201 or 202 but not for both. One course at the junior-senior level in three of the following areas of political science: political theory, public administration, public law, American government, comparative government, and international relations.

Minor: Eight hours of political science at the freshman-sophomore level.

Twenty-two additional hours at the junior-senior level. 30 hours total.

POPULAR CULTURE. Planned program. No minor required. This interdepartmental program consists of a minimum of 65 hours from the Popular Culture program, and the following departments and courses: Art 145, 146, 245, 456, and 457; English 111 or 112, 113, 303, 304, 305, 323, 325, 421, 424, 425, 442, 490 and 495; English/Popular Culture 160, 260, 370; 372, 426, 470 and 400 (senior seminar)*; Education 371, 490; Geography 230, 350, and 430 and 452; History 205, 206, 404, 407, 414, 419, 430, 434, 435, 436, 447, 448, and 449; Home Economics 107, 310, and 408; Health and Physical Education 424; Journalism 103, 107, 307, 402, 405, 414, 433 and 435; Marketing 410, 411, and 412; Music (6 hours of basic musicianship), 401, 417, 418, 419, and 420; Philosophy 202, 204, 302, 317 and 332; Political Science 101, 201, 202, 341 and 402; Psychology 440; Sociology 101, 202, 301, 311, 315, 316, 352, 407, 413, 416, 418, 441 and 480; (Anthropology) Sociology 231, 302, 331, 334 and 432; Speech 141, 146, 241, 243, 341, 342, 343, 345, 346, 363, 463, 464, 466 and 468; no more than 15 hours may be taken from any of the above departments, except with the approval of the Director of the Center for the Study of Popular Culture or his representative.

PSYCHOLOGY. Two curricula are available to a prospective major in psychology: a Bachelor of Arts program and a Bachelor of Science program. The former is primarily designed for the student who is interested in psychology as the focus of a liberal education, while the latter is designed for the student who is preparing for graduate study.

Bachelor of Arts. Major: 45 hours in psychology and 36 hours in a minor or in cognate fields. A psychology major may minor in any department in which Arts and Sciences credit is given. A student who elects a cognate minor should select his courses from at least three of the following fields in addition to the Arts and Sciences group requirements: biology, chemistry, computer science, economics, mathematics, philosophy, physics, sociology.

First Year—Psychology 201. Second Year—Psychology 270, 271, 290. Third Year—at least two 300-level laboratory courses and electives in psychology. Fourth Year—at least 15 hours of 400-level courses and electives in psychology.

Bachelor of Science. Major: 45 hours in psychology and 36 hours in cognate fields in place of a minor in a second department. The 36 hours in cognate fields should be selected from at least three of the following fields in addition to the Arts and Sciences group requirements: biology, chemistry, computer science, economics, mathematics, physics, sociology, philosophy. The basic group requirements for the B.S. program are on page 47. The Psychology Department departs from these in the following aspects: Group III—a minimum of 65 hours must be completed in two or more of the following fields: biology, chemistry, computer science, geology, mathematics, physics, psychology. No more than 36 hours of psychology may be applied to this group. Each student must demonstrate proficiency equivalent to completion of Mathematics 232. Additional preparation in mathematics is advisable for a student planning advanced graduate work in psychology. Particularly recommended are Mathematics 332, 333, 337, 403, 404, 409, 410, 441, 442; Group IV—psychology courses may not be applied; Group V—courses in logic and the philosophy of science are recommended.

*English/Popular Culture 160, 260, 370, 426, and 400 are required of all majors in the program.
First Year—Psychology 201 and 270. Second Year—Psychology 271, 290, and a 300-level lab course. Third Year—Two additional 300-level lab courses, 470, and electives. Fourth Year—At least four 400-level courses, electives in psychology.

Minor: 30 hours in psychology.

RUSSIAN. Major: 30 hours in courses beyond Russian 202, and including Russian 317, 318, and 319.

Minor: 18 hours beyond Russian 202.

SCIENCE. Minor only: for the student who receives the degree of Bachelor of Science. In place of a conventional minor a student may bring his total in Group III to 80 hours by following a program approved by his major adviser. No more than 50 hours in the major field may be applied to this requirement.

SOCIOLOGY. Major: Sociology 101, 306, 307, 351, 403, 452, one senior seminar (Sociology 480), electives in sociology. Psychology 270 and 271, or QAC 111 and 212, or Mathematics 441 and 442 will be accepted as meeting the requirement of Sociology 307 for any major in sociology.

Minor: 30 hours in sociology. Students who anticipate further study in sociology are advised to follow the listing of courses required for a major in sociology.

Electives are to be chosen upon the advice of the adviser. In a special case where the needs of the student require it, a limited substitution of courses in related behavioral science departments may be permitted in the major requirements.

SPANISH. Major: Spanish 351 or 352, 361, 362 or 363, 371, 373, electives including a minimum of five 400-level courses. Total: at least 36 hours beyond Spanish 202.


SPEECH. Core curriculum for a speech major with a concentration in rhetoric-communication, radio-television-film, or theatre: Speech 102, 141, 201, 202, 203, 223, 360.

A student in rhetoric-communication also is required to take Speech 103, 303, 304 or 405, 312, 314, 402. Recommended courses are Speech 110, 302, 304, 310, or 405.

A student in radio-television-film also is required to take Speech 262, 361, 363, 368 or 463, 464 or 465, 468; Journalism 104, 211, 330. Recommended courses are Education 428; English 207; Speech 226, 243, 341.

A student in theatre also is required to take Speech 241 or 344, 243, 341, 342, 347 or 348, 4 hours of electives in theatre. Recommended courses are English 203, 301, 325, 401, 410; Speech 226; courses in art, philosophy, and dance.


A student taking a major or minor in speech and hearing therapy must take Psychology 201 and 204 in the second year.

Minor: General: First Year—Speech 102, 141. Second Year—Speech 202, 203, 360. Third and Fourth Years—Speech 423, electives in speech.


For students in this program, the Mathematics 441, 442 sequence may replace the Statistics 212 prerequisite for the statistics courses.

PRE-PROFESSIONAL PROGRAMS

The College of Arts and Sciences provides four kinds of pre-professional programs:

1. Four-Year Curricula. These curricula, leading to the bachelor's degree, are
planned to prepare the student for admission to a graduate or professional school for further specialized study. Curricular requirements and arts and sciences preparation for some special fields of work are discussed below.

2. **Arts-Professional Curricula.** This is offered in cooperation with the professional schools and colleges of other institutions of higher learning. The student spends three years at Bowling Green before entering a professional school. Upon satisfactory completion of his first year in the professional school, he is granted a bachelor's degree by Bowling Green. These programs are outlined on pages 57-60.

3. **Pre-Professional Preparation.** From two to three years of pre-professional study may be completed at Bowling Green. The student then transfers to a professional school or college. Appropriate programs for certain professions are outlined on pages 60-62.

4. **Combined Curricula.** The student may obtain both an arts and sciences degree and an education degree at Bowling Green. See pages 62-63.

A student who expects to receive a degree by completing one of these curricula must meet all of the requirements for the degree including major, minor, and group requirements.

**FOUR-YEAR PRE-PROFESSIONAL CURRICULA**

**Preparation for Business**

The College of Arts and Sciences offers a major or minor in either economics or business administration leading to the degree of Bachelor of Arts. The student interested in a career in business should consult the programs offered by the College of Business Administration.

**Preparation for College Teaching**

The student who wishes to prepare for a career in college teaching should plan on attendance at a graduate school. He should bear in mind that many graduate schools require a reading knowledge of French, German, or Russian or of two of these languages. He may find it advantageous to take the combined baccalaureate-master program described below. Specific curricula for teaching subjects in areas of technology at the community and technical college level are available from advisers in the Department of Home Economics and the Department of Industrial Education and Technology.

The student who is preparing for high school teaching should register in the College of Education unless he elects the combined arts-education curriculum described on page 62.

**Preparation for Correctional Work**

A student interested in preparing for teaching, research, or practice in criminology and correctional work should major in sociology and should expect to engage in graduate study in correctional work later in his career. For further information, the student should consult the Department of Sociology.

**Preparation for Economic Biology**

Preparation for a career in pest control, public health and sanitation, or various areas of wildlife work should be based on a major in biology with considerable work in chemistry. A minor in business administration or economics may be useful to the student who is interested in the business aspects of pest control. Summer employment opportunities with the pest control industry, the U.S. Fish and Wildlife Service, federal agencies, and local or state health units are available. The economic biology curriculum is approved by the Ohio Association of Public Health Sanitarians.

**Preparation for Graduate Study**

All programs of the College of Arts and Sciences may be used as preparation for entrance to a graduate school. The student should bear in mind that a reading knowledge of one or two modern languages chosen from French, German, or Russian is often required for the doctorate. A knowledge of statistics may be useful.

For early admission to the Graduate School, see page 123.
Combined Baccalaureate-Master Program

An undergraduate capable of maintaining high grades can take his undergraduate degree in the middle of his fourth year by carrying an average of 17 hours for 11 quarters. The resulting total of 187 hours is 4 more than the required minimum for the undergraduate degree. These 4 hours might be taken as graduate credit and followed by a full quarter of graduate study. A candidate for a graduate degree may not become a candidate for a degree in an undergraduate college without the permission of the Dean of the Graduate School.

Preparation for Careers in Home Economics

The College of Arts and Sciences provides a variety of programs in home economics. The usual arts and sciences curriculum is followed with a major or minor in home economics. A student who is interested in teaching home economics in the school or in work as an agricultural extension agent should pursue a program in the College of Education.

Preparation for Library Work

The Bachelor of Arts degree is usually required for admission to a school of library science. A minor in Library and Educational Media is available in the College of Arts and Sciences. The student completing such a minor can obtain a professional degree in library science in one additional year in an approved professional school. The major should be chosen from such fields as English, history, political science, and sociology; for work in special libraries, a major or electives in the sciences may be useful. At least two years of a foreign language is strongly recommended.

Preparation for Professional Work in Mathematics and the Sciences

Professional work in the sciences is available to a student with a strong undergraduate degree program. A student whose academic record permits should consider graduate training.

The Department of Chemistry offers a program which meets the requirements of the American Chemical Society for professional recognition of a graduate.

Preparation for Public Administration

A student should consult with the Department of Political Science to plan a program of courses in political science and related fields.

Preparation for Religious Work

Most schools of religion recommend that a student have a broad, general education before starting professional training. The major and minor may be chosen from any area of study. A reading knowledge of at least one foreign language is essential.

Preparation for Social Work

A student interested in preparing for teaching, research, or practice in social work should major in sociology. A minor in psychology is recommended. A student should expect to engage in graduate study in social work later in her/his career. For further information, the student should consult the Department of Sociology.

ARTS-PROFESSIONAL CURRICULA

It is strongly recommended that the student who expects to enter a professional school first complete a four-year course in the College of Arts and Sciences. Experience has shown that a student with the broad training thus obtained is more likely to be a leader in his chosen profession.

A student may desire, however, to secure the degree of Bachelor of Arts or Bachelor of Science, as well as a professional degree, but may be unable to give the time necessary for the completion of both programs. Therefore, combination arts-professional curricula are offered which enable him to shorten the time required for the two degrees.
The arts-education curriculum described on page 62 is given in cooperation with the College of Education.

Other combination curricula are offered in cooperation with the professional schools and colleges of other institutions. These enable the student to shorten the time required for securing the two degrees by substituting the first year of work in a professional college for the fourth year of the course in arts and sciences. These courses vary in length from five to seven years—the first three years being taken in the College of Arts and Sciences and the remainder in an approved professional school. Upon the satisfactory completion of the work of the first year in the professional college, the student is granted the degree of Bachelor of Arts or Bachelor of Science by Bowling Green State University.

Permission to graduate from one of these combination curricula must be obtained from the Dean before the end of the junior year. A student in these curricula must:

1. Earn a minimum of 140 hours either in residence or by advanced standing including 3 hours in health and physical education; at least 90 hours must have been taken on campus at Bowling Green in the student's last two academic years prior to his entering the professional school;
2. Earn a point average of at least 2.5 in all courses undertaken in residence;
3. Meet the group requirements of the degree sought;
4. Meet the major and minor requirements of the general curriculum selected.

Preparation for Dentistry

Many dental schools advise the student to complete four years of arts and sciences study before applying for admission. Usually, either biology or chemistry is used as the major; and the other is used as the minor. However, other majors and minors are possible.

Recommended Course Sequences: Biology 106, 107, 431, 432, 433; Chemistry 121, 122, 123 or Chemistry 131, 132, 133; Chemistry 201, 343, 345; Mathematics 130 or 131; Physics 110, 211, 212, 213; Psychology 201. In addition to these courses, a student should plan to take: 1. The required courses to complete a major and minor; 2. Group requirements for the degree sought; 3. H.P.E. requirements and electives. Total: 183 hours.

Preparation for Law

Most accredited American law schools require a college degree for admission although some accept a student with three years of college work. All accredited law schools in Ohio require the bachelor's degree, and such a degree is a prerequisite to taking the Ohio Bar Examination.

Beyond the minimum requirements for admission, law schools emphasize the value of a broad, general program of arts and sciences for the prospective law student. They believe that, ideally, his training should be as comprehensive as the great variety of problems and subjects he will deal with both as a man and as a lawyer.

From a professional point of view, law schools stress the importance of acquiring certain skills and abilities rather than any particular body of knowledge. Among these are facility in writing and speaking, logical reasoning, and the use of abstract concepts. Since the student can develop these skills in a great variety of courses, there is no basis for prescribing any rigid and detailed “pre-law curriculum” or any particular major.

Law schools often emphasize the special value of any course in which considerable writing is required. A course in accounting is frequently recommended and may be required either in the undergraduate school or in the law school for a basic understanding of the business and financial concepts and terms with which the lawyer must deal. American government helps acquaint the student with the basic legislative, administrative, and judicial processes of our society.

Finally, there is much to be said for the pre-law student's taking one law course taught by the case method as an undergraduate simply so he may discover early whether his tastes and aptitudes lie in this direction.
Preparation for Medicine

Admission to medical school is selective and is dependent upon scholarship and aptitude as indicated by the scores attained on the Medical College Admission Test, normally taken during the spring quarter of the student's third year. The student should include in his pre-medical program a course of study to prepare him for admission to medical school and for admission to an appropriate graduate school or for an industrial, government, or teaching position in case his first choice cannot be realized. To meet the requirements for admission to most medical schools, the Bachelor of Science curriculum outlined on page 47 can be modified to include the required courses and still provide the student with enough depth in at least one area for graduate work or for career opportunities if he should not attend medical school. Since medical schools generally expect about twice as much preparation in chemistry as in biology and lesser amounts in physics and mathematics, generally a student elects a major in chemistry and a minor in biology. However, a student may want to reverse this order or elect a major in mathematics or physics.

The pre-medical student is urged to confer frequently with his adviser, particularly with respect to planning prerequisite courses for the Medical School Admission Test and for meeting the admission requirements of the medical school of his choice. Each applicant to a medical school is assisted by the Pre-Professional Recommendation Committee at the time of his making applications.

Recommended Course Sequences: Biology 106, 107; Chemistry 121, 122, 123, 201 or 131, 132, 133; English 112; German 101, 102, 103; Mathematics 130, 131, 231, 232; Physics 110, 211, 212, 213 or 131, 232, 233.

Preparation for Medical Technology

The requirement for this profession is from three to four years of basic college work, followed by at least 12 months of laboratory training in an approved medical technology school or hospital. A high scholastic average usually is required. Pre-professional training should include biology, general chemistry, quantitative analysis, and organic chemistry. Physics is highly recommended.

Because many schools require a degree for entrance, the student is advised to take four years of basic college work. The curriculum outlined below leads to the degree of Bachelor of Science with a major in biology and a minor in chemistry. Other majors and minors are possible with the approval of the adviser.

The arts-professional program, leading to the Bachelor of Science degree with three years at Bowling Green followed by satisfactory completion of the year in medical technology and certification of successful attainment in the examination of the Registry of Medical Technologists, requires formal approval of the Dean prior to entering the professional school. To be eligible for this program, a student must complete nine quarters (at least 135 hours) in an approved program at Bowling Green with an accumulative point average of at least 2.5. The year of professional work must be taken in a school of medical technology with which Bowling Green State University is affiliated or which is specifically approved. Up to 45 hours of credit may be transferred from the professional school to apply toward the degree. Of these, 18 hours may be used toward a college major or minor in biology; and 7 hours may be applied toward a major or minor in chemistry. Grades of less than C cannot be transferred.

A student sometimes may be admitted to a school of medical technology at the end of three years of college work without qualifying for the arts-professional program, but he will not be eligible for a bachelor's degree without further college credits.

Recommended Course Sequences: Biology 106, 107, 331, 332, 413, 419; Chemistry 121, 122, 123, 201, 306, 307, 352; Mathematics 130; Physics 110, 211, 212, 213.

In addition to these courses, a student should plan to take: 1. The required
courses to complete a major and minor; 2. Group requirements for the degree sought; 3. H.P.E. requirements and electives. Total: 183 hours.

To provide a coordinated arts-medical technology program, the College of Arts and Sciences is affiliated with the following schools of medical technology: St. Rita's Hospital, West High at Baxter Street, Lima, Ohio 45807; Toledo Hospital, North Cove Boulevard, Toledo, Ohio 43606; University Hospitals of Cleveland, Institute of Pathology, 2085 Adelbert Road, Cleveland, Ohio 44106; The Youngstown Hospital Association, Youngstown, Ohio 44504; Good Samaritan Hospital, 1425 West Fairview Avenue, Dayton, Ohio 45406. Information concerning the programs may be obtained from the director of each of these schools for medical technology or from the Dean of the College of Arts and Sciences at Bowling Green State University.

PRE-PROFESSIONAL PREPARATION

Preparation for Engineering

Many engineering schools follow a five-year program leading to an engineering degree. The courses offered at Bowling Green closely parallel those of most engineering schools during the first year. By careful selection of electives during the second year, a student can very profitably spend two years studying here without lengthening the time required to obtain a degree in engineering. The two-year curriculum outlined below is planned for the student who expects to transfer to a college of engineering at the end of two years.

Since the requirements in different colleges and in different fields of engineering vary considerably, the student should plan his schedule to meet the requirements of the institution and branch of engineering in which he expects to receive his degree.

A student who enters from high school with less than four years of mathematics must make up that deficiency immediately and, therefore, probably cannot complete the curriculum below in two years. Any student who does not have a better than average aptitude for mathematics and quantitative reasoning should not consider entering the pre-engineering curriculum.

Recommended Course Sequences: Chemistry 121, 122, 123; Computer Science 101, 202; Economics 201, 202; Industrial Education and Technology 104, 204; English 112; Mathematics 131, 231, 232, 332, 333; Physics 131, 225, 232, 233, 334; H.P.E. 100; electives. Total: 93 hours.

Arts-Engineering Program

Bowling Green does not offer the specialized engineering courses needed for an engineering degree. However, all of the basic science and general education courses required in an engineering curriculum are available; and credit for them may be transferred to an engineering school. A student who wishes to earn a Bachelor of Science degree from Bowling Green in addition to an engineering degree may do so by meeting the requirements for the arts-professional program as outlined on pages 57-58. Under this plan, the student attends this University for approximately three years and then enters the selected engineering school from which credits are transferred to complete the requirements for the Bowling Green degree, usually at the end of the first year in engineering school. This might extend the usual time required to earn the engineering degree by one semester or quarter or several summer sessions, but the additional college work and degree would represent valuable accomplishments for the student.

Because of the differing specialized needs of the several branches of engineering, each student's program under the arts-engineering plan has to be planned individually almost from the beginning to assure coordination with the engineering school curriculum. The program for the first two years is similar to that listed above, and the third year is planned for each student in cooperation with the chosen engineering school where advance judgment about admission should be secured.

The arts-engineering plan is considered in conjunction with any engineering school. The following Colleges of Engineering have indicated their willingness to design plans for individual students: Michigan State University, Purdue University, New York University, Ohio Northern University, University of Michigan.
Preparation for Occupational Therapy

Occupational therapy, an auxiliary medical service in which normal activities are used as remedial treatment in the rehabilitation of patients, is being used increasingly in hospitals, schools, rehabilitation centers, and related institutions. Such therapy is prescribed by physicians and applied by the trained therapists as part of the treatment for an adult or a child in the areas of orthopedics, psychiatry, tuberculosis, general medicine, and surgery. The demand for registered occupational therapists so exceeds the supply that excellent opportunities exist for a person who is professionally trained.

The student should follow the first two years of the Bachelor of Science program (page 47). A student planning to attend Ohio State University should include Art 101, 112 as electives.

In preparing for a career in occupational therapy, the student should complete two years of pre-professional courses, two years of academic instruction in an approved professional school, and 10 months of clinical training.

Preparation for Optometry

Requirements for admission to the schools and colleges of optometry vary. Typically, they include courses in English, mathematics, physics, chemistry, and biology. Requirements of specific schools should be examined before taking courses for transfer to them. A list of accredited schools and colleges of optometry in the United States can be obtained from the American Optometric Association, 7000 Chippewa Street, St. Louis, Missouri 63119.

The following two-year pattern coordinates with the program of the School of Optometry of Ohio State University.

Recommended Course Sequences: Biology 106, 107; Chemistry 121, 122, 123, 203, 307 or 343, 344, 345; English 112; Mathematics 130, 131, 231; Physics 110, 211, 212, 213; H.P.E. 100; electives. Total: 93 hours.

The amount of foreign language to be taken depends on the requirements of the professional school and the student's high school preparation. A student who does not need foreign language courses should substitute those courses which meet the requirements of the professional school he plans to enter. History 153 is recommended for a student who plans to enter the School of Optometry of Ohio State University.

All schools of optometry require physics, but some require no mathematics beyond that needed for physics. Physics 110 has a prerequisite of a working knowledge of trigonometry.

Preparation for Osteopathy

Since the requirements and recommendations for entrance to schools of osteopathy are essentially the same as those for medical school, the student is referred to page 59.

Preparation for Pharmacy

All accredited colleges of pharmacy require five years of study to qualify for the pharmacy degree. Two years of the five-year requirement may be satisfied at this University by completing the pre-pharmacy curriculum outlined below. The state boards of pharmacy usually require a period of practical experience in pharmacy. The student should request information concerning requirements for a certificate to practice pharmacy from the board of pharmacy in the state in which he wishes to practice. In Ohio this information may be obtained from the Secretary, State Board of Pharmacy, Wyandotte Building, 21 West Broad Street, Columbus 43215.

Since colleges of pharmacy vary in their requirements, a pre-pharmacy student should ascertain the requirements of the school he plans to enter before he selects the courses for the second year. The program outlined below prepares the student for transfer to the College of Pharmacy at Ohio State University. It is now possible to enter the College of Pharmacy at Ohio State University after a one year pre-pharmacy program.
A list of accredited colleges of pharmacy may be obtained from the American Association of Colleges of Pharmacy, 1507 M Street N.W., Washington, D.C. 20005.

Recommended Course Sequences: Biology 106, 107, 413; Chemistry 121, 122, 123, 201, 343, 344, 345; English 112; Mathematics 130, 131; Physics 110, 211, 212, 213; H.P.E. 100; electives chosen from the social sciences, literature, and philosophy. Total: 93 hours.

**Preparation for Veterinary Medicine**

Colleges of veterinary medicine require two years of pre-veterinary medical work for admission; however, often a student is advised to apply after a third year of work or after securing a bachelor's degree. The two-year pre-veterinary medical program which follows is typical, but colleges of veterinary medicine vary greatly in their requirements. The student should obtain information as early as possible about the requirements of the school where he plans to transfer. A list of accredited colleges of veterinary medicine in the United States can be obtained from the American Veterinary Medical Association, 600 South Michigan Avenue, Chicago, Illinois 60605.

The College of Veterinary Medicine of Ohio State University requires for admission courses in animal husbandry and related areas which cannot be taken at Bowling Green. It is possible for the student who plans a three-year pre-veterinary medical program to defer them temporarily by substituting advanced biology courses, but it may be more advantageous for the student to transfer after one year to the Agriculture-Veterinary Medicine Program at Ohio State University.

Recommended Course Sequences: Biology 106, 107, 213, 251; Chemistry 121, 122, 123, 306, 307; English 112; Mathematics 130—Mathematics 124 is acceptable for a student who enters with prerequisite for physics; Physics 110, 211, 212, 213; H.P.E. 100; electives selected to meet the requirements of the college of veterinary medicine to be entered. Total: 93 hours.

**COMBINED CURRICULA**

**Arts-Education Curriculum**

The student who desires to take an arts and sciences degree to qualify for certification to teach in the public schools may: 1. Take his work in education after graduation or 2. Qualify for the combined degree program outlined below. On the basis of his accumulative point average, a student may register in both the Colleges of Education and Arts and Sciences for the combined degree as soon as he is eligible.

The student in the dual-degree program leading to the Bachelor of Arts or Bachelor of Science degree from the College of Arts and Sciences and the Bachelor of Science in Education degree from the College of Education must:

1. Secure permission of the Deans of both Colleges before the end of the junior year;
2. Maintain an accumulative point average of 3.0 or better based upon at least two quarters of work at Bowling Green;
3. Complete the requirements* of both Colleges for the degrees sought.

By careful selection of electives, the program in both Colleges can be completed in 12 quarters plus one summer. The superior student may increase the number of subjects to be carried each quarter and complete the program in less time.

**Certification To Teach in the Public Schools**

The student who holds a bachelor's degree in arts and sciences may become certified to teach in the public schools of Ohio with a four-year Provisional Certificate by fulfilling the state requirements for such certification. These requirements differ with the teaching field chosen. A list of these requirements and degree-holder

* See pages 45-47 and 86-88.
program applications are available in the Program Advisement Office of the College of Education, Room 365, Education Building.

Several institutions including Bowling Green offer graduate programs whereby an arts and sciences graduate may take work leading both to certification to teach in the public schools and a master's degree. Announcement of such programs may be inspected in the College of Education, Room 455, Education Building.
THE SCHOOL OF ART
Ronald L. Coleman, Director

SPECIFIC REQUIREMENTS FOR THE BACHELOR OF FINE ARTS DEGREE

The requirements for the degree of Bachelor of Fine Arts include completion of:
1. The indicated hours of credit from each of five groups or areas of knowledge listed below;
2. Completion of 56 hours in basic courses in drawing, design, ceramics, history of art, sculpture, painting, and prints;
3. Completion of a major area of specialization in art history, ceramics, crafts, design, painting, prints, or sculpture;
4. The completion of enough additional courses in art to total 80 hours. Programs of study leading to the Bachelor of Fine Arts degree are outlined on page 66.

The student who plans to teach art in the public schools should follow the program on page 66 and register in both the College of Arts and Sciences and the College of Education. Completion of this curriculum qualifies the student to receive a teaching certificate in art and the degree of Bachelor of Fine Arts.

Group Requirements

Group I: English and Speech. Each student is required to complete English 112 or to demonstrate by examination that he has a proficiency in written expression equivalent to that provided in the course. Each student is required to complete Speech 102.

Group II: French, German, Italian, Latin, Russian, Spanish. The student is required to demonstrate a proficiency equivalent to completion of the highest intermediate course (202) in a foreign language. This may be satisfied by: 1. Completing the course in college; 2. Passing an examination in the language; 3. Having completed four years of study of one language in high school; 4. Having been graduated from a high school where all instruction was conducted in a language other than English.

Credit toward a degree is not granted for foreign language courses which duplicate more than one unit of credit earned in high school study.

Group III: Biology, Chemistry, Geology, Mathematics, Physics. Each student must complete two courses in one or more of these subjects, at least one quarter of which must be in a science with laboratory experience. Credit for 100-level science courses does not apply on this group requirement if the student also has credit for an introductory laboratory course in the same science.

Group IV: Economics, Geography, History, Political Science, Psychology, Sociology. Each student must complete three courses in one or more of these subjects.

Group V: English Composition, Literature (American, English or foreign), Music, Philosophy, Speech. Each student must complete one course in literature (American, English, or foreign) and an additional four courses from at least three of the areas listed in this group. A list of courses approved for the Group V requirements is available in the office of the College of Arts and Sciences.

Art Requirements

Basic Area: each student is required to complete Art 102, 103, 104, 112, 145, 146, 205, 206, 211, 212, 245, 261, 263, 371, 373, 377, two art history electives.

Specialization Area: each student is required to complete at least 18 hours in art history, ceramics, crafts, design, painting (oil, water, or both), prints, or sculpture. A student should consult each quarter with his major area instructors concerning his progress and course sequence. No 100-level course may be applied toward the completion of major art area requirements.
BACHELOR OF FINE ARTS PROGRAM

Art History, Ceramics, Crafts, Design, Painting, Prints, or Sculpture Major

Recommended Sequence of Art Courses.

First Year: Art 102, 103, 104, 112, 145, 146.
Second Year: Art 205, 206, 211, 212 or 213, 245, 261, 263, major art areas.
Third Year: Art 371, 373, 377, art history, major art area.
Fourth Year: art history, major art area, art electives.

Sequence of Major Art Areas.

Fourth Year: Art 457, electives in art history to total 6 hours.
Fourth Year: Art 463 (repeat).
Design. Second Year: Art 211, 212, 213. Third Year: Art 311 (repeat).
Fourth Year: Art 411.
Painting. Second Year: Art 371 or 373, 372 or 374. Third Year: Art 372 (repeat) or 374 (repeat). Fourth Year: Art 471 or 473 (repeat).
Sculpture. Second Year: Art 261, 361. Third Year: Art 361 (repeat), 461.
Fourth Year: Art 461 (repeat).

BACHELOR OF FINE ARTS CURRICULUM

Teacher Preparation: Ceramics, Crafts, Design, Painting, Prints, or Sculpture Major

This is a combined Arts and Sciences and Education curriculum which leads to the Bachelor of Fine Arts degree and to certification for the teaching of public school art. The program outlined below may be completed in four years by summer study. This summer study may be reduced for the student who has had two or more years of high school credit in the foreign language elected in college.

Recommended Sequence of Courses:

First Year—Art 102, 103, 104, 112, 145, 146; English 111, 112; foreign language (amount of credit required depends on high school preparation of the student); Speech 102; two courses of science or mathematics (one of which must be a laboratory course); H.P.E. 100.
Second Year—Art 205, 206, 211, 212, 213, 245, 261, 361, 363, 371; foreign language or electives; Psychology 201; Education 302.
Third Year—Art 321, 352, 353, 373, 372 or 374, 377, 378, art history elective, major art area; literature elective; Group IV—Sociology 101, six hours of electives other than psychology; Group V—three courses (one course in art history is applied to this requirement).
Fourth Year—professional concentration (one quarter); student teaching (one quarter); art history, major art area.

The major art area and two courses of art electives—crafts—may be completed in an additional quarter or in summer study if necessary.

A student who follows this curriculum registers each quarter in both the Colleges of Arts and Sciences and Education and has his program approved by appropriate advisers. This program may be continued after the freshman year only with the approval of the School of Art staff. The student who must take two years of foreign language and who follows a program in aerospace studies or in military science needs to take more than the usual time to complete this program.
THE COLLEGE OF BUSINESS ADMINISTRATION

Karl E. Vogt, Ph.D., Dean
Edwin Tonnesen, Ph.D., Associate Dean
Marie R. Hodge, M.B.A., Assistant to the Dean, Director, College Internship Program
Harvey E. Donley, Ph.D., Director, Graduate Studies in Business
Glenn H. Varney, Ph.D., Director, Management Center
William R. Hoskins, D.B.A., Director of International Business Programs
Department of Business Education, Mearl R. Guthrie, Ph.D., Chairman
Department of Business Law, Donald D. Simmons, J.D., Chairman
Department of Economics, Donald L. Sternitzke, Ph.D., Chairman
Department of Finance and Insurance, William H. Fichthorn, Ph.D., Chairman
Department of Management, Warren C. Waterhouse, Ph.D., Chairman
Department of Marketing, Maurice I. Mandell, D.B.A., Chairman
Department of Quantitative Analysis and Control, Edwin C. Bomeli, Ph.D.,
Certified Public Accountant—Ohio, Chairman
The School of Journalism, Joseph A. Del Porto, Ph.D., Director
Department of Aerospace Studies, Lt. Col. David B. Bannerman, M.E.A., Chairman
Department of Military Science, Col. Alfred W. Kirchner, B.S., Chairman

Executive Committee
M. Lee Goddard—1974; Leo Navin—1974; Karl E. Vogt, Dean (ex-officio);
student representatives: undergraduate—William Gaeth; graduate—Fredrick Strahl.

Curriculum Committee

THE FIELD OF BUSINESS

The business world has grown in complexity in recent years. Significant developments in quantitative decision theory, the behavioral sciences, and computer technology have made it necessary for a person contemplating career objectives in administrative positions to be adequately prepared in a wide variety of related disciplines. Similarly, a future executive must have a high-quality professional education in business theory and practices.

Business is a broad area of human endeavor. Primarily, it is concerned with the production and distribution of goods and services which are needed and desired. A person who contemplates a career and anticipates success in business leadership has a great challenge before him.
ACADEMIC OBJECTIVES OF THE CURRICULA IN BUSINESS ADMINISTRATION

The foremost consideration in all curricula in business administration is to provide each student with a broad, liberal education. Thus, many of the degree requirements are in the humanities, the sciences, and the social sciences. The courses in business administration are designed not only to foster professional competency but also to develop the whole individual as a responsible, useful citizen in society.

Professional education in business administration should not be confused with vocational education. These curricula are not designed to train a technician. Rather, they serve to develop the capabilities of a student so that he may assume a position of leadership and responsibility in the administration of business. To accomplish these ends, instruction in business administration places emphasis on developing the student's ability to think and to make decisions.

ORGANIZATION OF THE COLLEGE

The College of Business Administration consists of seven Departments of instruction in business administration and a School of Journalism. The seven Departments—Business Education, Business Law, Economics, Finance and Insurance, Management, Marketing, and Quantitative Analysis and Control—offer 20 undergraduate sequences and a comprehensive graduate program covering the major phases of business activity. Undergraduate sequences are available in the fundamental fields of business education (office management, secretarial administration), business pre-law, economics, finance, insurance, management (with concentrations in organization development, procurement and materials management, production and operations management), marketing (with concentrations in advertising, market research, retailing, and selling and sales management), and quantitative analysis and control (with concentrations in accounting, statistics, information systems, and operations research). Interdepartmental majors are offered in environmental administration, general business, and international business. The student who satisfactorily completes one of these curricula receives the degree Bachelor of Science in Business Administration. Descriptions of individual programs in business begin on page 71.

The Department of Economics offers a Bachelor of Science in Economics Program, described on page 80.

The School of Journalism offers professional training in five areas—news-editorial, photojournalism, magazine journalism, public relations, and broadcast journalism. The student who satisfactorily completes one of these curricula receives the degree Bachelor of Science in Journalism. Descriptions of the journalism programs begin on page 84.

The Departments of Aerospace Studies and Military Science are assigned to the College of Business Administration for administrative purposes. These Departments offer every qualified male student of the University the opportunity for receiving a limited amount of military leadership training while pursuing his principal academic objectives. The student who successfully completes the advanced course is commissioned a second lieutenant in the U.S. Air Force Reserve or the U.S. Army Reserve upon graduation. (See page 40.)

To provide for a sound foundation and a broad appreciation of the world of business, a student is required to complete a common core of basic business courses. These courses provide the student with a background of the interrelationships of the various functional areas of business and with a knowledge of the tools necessary for decision-making.

Each curriculum provides the student with an opportunity for examining some particular discipline in sufficient depth to develop an acceptable level of competency in the field. Finally, a substantial amount of latitude is provided in all curricula to permit the student to elect additional courses to round out his total educational experience.

Thus, the curricula in business administration provide the student with:
(a) A total educational experience; (b) A breadth of understanding of the business world; (c) A depth of knowledge in a particular business field. The degree in business administration serves as preparation not only for assuming a position of
responsibility in business and society but also for graduate study in business administration, law, and public administration.

STANDARDS OF PERFORMANCE AND ACCREDITATION

To meet the challenges of the business world the academic program of the College of Business Administration requires high standards of performance. The emphasis of the programs is designed to provide an intellectual challenge to a student who wishes to assume the responsibility for tomorrow's business leadership.

The College of Business Administration is a fully accredited member of the American Association of Collegiate Schools of Business. Such accreditation is given only to schools which maintain the highest standards of performance. Degrees granted by such accredited colleges are widely recognized by both major businesses and graduate schools.

Credit by transfer from a two-year, fully accredited institution is not accepted for most business courses which require junior or senior standing at Bowling Green. However, should the transfer student feel he has sufficient background in the subject matter of any course, he may, at his election, take an examination for credit in the course. Successful completion of this exam results in his transfer credit for that course being accepted.

Credit by transfer from a four-year, fully accredited institution is accepted for most courses.

Students transferring to the college from other institutions will follow the curriculum requirements as stated in the General Bulletin in effect when they initiate programs of study at Bowling Green.

REQUIREMENTS FOR GRADUATION

A candidate for the degree of Bachelor of Science in Business Administration must complete the following requirements for graduation:

1. Complete in residence at least 45 hours of credit immediately preceding graduation;
2. Earn a minimum of 183 hours of credit including 3 hours of health and physical education;
3. Earn a point-hour average of at least 2.0 in all courses undertaken in residence;
4. Meet the group requirements in general and professional education and other requirements pertaining to individual areas of professional specialization on the following pages. If a dropped student is readmitted, he shall follow the requirements of the General Bulletin current at the time of readmission.

A student who withdraws and later returns may continue to follow the requirements current when he was first admitted, provided that he has been out no longer than two years. A student who transfers to the College of Business Administration from another college will follow the requirements of the General Bulletin current at the time of transfer.

A candidate for graduation must file an Application for Graduation with the Registrar. See page 18 for deadline dates. Forms may be obtained at the Registrar's Office.

BACHELOR OF SCIENCE IN BUSINESS ADMINISTRATION CURRICULUM

GENERAL EDUCATION REQUIREMENTS:

Group I: Communication Arts. Each student is required to complete English 111, 112. A freshman with high entrance scores in English may be exempt from English 111 but must take English 112 or 112H. Each student also is required to complete four hours of communication elective.

Group II: Mathematics, Science, and Quantitative Measurements. Each student is required to complete Mathematics 124/131 and 125/231; Statistics 111; Quantitative Analysis and Control 160; 8 hours of science (lab or non-lab) or Mathematics at the 200-level or above (with the exception of Mathematics 210, 241-245).

Group III: Social and Behavioral Sciences. Each student is required to complete
12 hours from the Departments of Geography (excludes Geography 125, 126, 127, 213), History, Political Science, Psychology, and Sociology.

Group IV: Humanities. Each student is required to complete 8 hours of credit from an approved list of humanities courses in the areas of art, foreign language, literature, music, philosophy, and theatre. A list of acceptable courses is available in the College of Business Administration Office or from a faculty adviser.

Group V: Non-Business Electives. Each student is required to complete at least 15 additional hours in non-business fields. An academic adviser assists each student in selecting courses which broaden or deepen his general education.

Group VI: Pre-Professional Core. Each student is required to complete in his sophomore year Accounting 221, 222; Economics 201, 202; Statistics 212. Total: 20 hours.

PROFESSIONAL REQUIREMENTS:

Group VI: Professional Core. Each candidate for the degree of Bachelor of Science in Business Administration is required to complete a common core of professional courses as follows: Business Administration 303 (4); Finance 300 (4); Management 300 (4); Marketing 300 (4); Business Law 301 (4); Quantitative Analysis and Control 380 (4); Management 360 (4); Economics 302/304, 311/303 (8); Business Administration 405 (4). Total: 40 hours.

Group VII: Professional Specialization. Requirements in the area of professional specialization are listed on the following pages. Total: 20-24 hours.

Group VIII: Free Electives. The remainder of the academic program consists of free electives to meet the student's specific educational objective. These electives should be selected in consultation with the student's adviser. Some areas of professional specialization specify certain courses which, in the opinion of the faculty, have a special importance. A student may cross college lines in meeting this requirement and take academic work in any of the departments of the University.

THE CURRICULA

The pages which follow show how and when group requirements may be met for the degree Bachelor of Science in Business Administration. Wherever possible, 100-level courses should be taken during the freshman year; 200-, during the sophomore year; 300-, during the junior year; and 400-, during the senior year. Following these levels is particularly important in core courses. Each of the specializations and concentrations within a specialization is different in its requirements; therefore, each is given in its entirety to permit the student to see his specialization as an integrated whole and to follow the requirements with ease. The Roman numerals refer to the groups to which the courses are applicable.

ACCOUNTING

A curriculum for the student who elects accounting as the area of specialization. A student may complete the minimum of 23 hours as outlined in the curriculum which follows. He also may, beginning in the third year, elect additional courses in accounting and related areas to prepare him more specifically for areas of concentration within the accounting field such as auditing, taxes, and government; cost and systems; or management advisory service. Quantitative Analysis and Control 160, 380 and Accounting 221, 222 are business-core courses which are required of each business administration degree student.

First Year—English 111, 112 (4-8) I; H.P.E. (3); Math 124/131, 125/231 II; Quantitative Analysis and Control 160 (4) II; Statistics 111 (4) II; electives. Total: 48 hours.

Second Year—Accounting 221 (4) VI; Accounting 222 (4) VI; Accounting 321 (4) VII; Economics 201 (4) VI; Economics 202 (4) VI; Statistics 212 (4) VI; electives (21). Total: 45 hours.

Third Year—Accounting 322 (4) VII; Accounting 331 (4) VII; Accounting 332 (4) VII; Accounting 451 (3) VII; Business Administration 303 (4) VI; Business Law 301 (4) VI; Economics 302 (4) VI; Economics 303/311 (4) VI; Finance 300 (4) VI;
Management 300 (4) VI; Marketing 300 (4) VI; Quantitative Analysis and Control 380 (4) VI. Total: 47 hours.

Fourth Year—Accounting electives* (4) VII; Management 360 (4) VI; Business Administration 405 (4) VI; electives (31). Total: 43 hours.

Electives: Group I—communications (4); Group II—science/mathematics electives (8); Group III—social sciences (12); Group IV—humanities (8); Group V—non-business (15-19); Group VIII—free electives (25).

ADVERTISING

A marketing curriculum for the student who is interested in a career in advertising in a commercial or industrial establishment or in an advertising agency. For other marketing curricula, see marketing research, retailing, and selling and sales management.

First Year—English 111, 112 (4-8) I; H.P.E. (3); mathematics requirement—(10) II; Quantitative Analysis and Control 160 (4) II; communication elective (4) I; Statistics 111 (4) II; electives (15-19). Total: 48 hours.

Second Year—Accounting 221 (4) VI; Accounting 222 (4) VI; Economics 201 (4) VI; Economics 202 (4) VI; Statistics 212 (4) VI; electives (25). Total: 45 hours.

Third Year—Business Administration 303 (4) VI; Business Law 301 (4) VI; Economics 302/304 (4) VI; Economics 303/311 (4) VI; Marketing 300 (4) VI; Marketing 401 (4) VII; Marketing 410 (4) VII; Quantitative Analysis and Control 380 (4) VI; electives (13). Total: 45 hours.

Fourth Year—Management 300 (4) VI; Management 360 (4) VI; Business Administration 405 (4) VI; Finance 300 (4) VI; Marketing 403 (4) VII; Marketing 411 (4) VII; Marketing 412 (4) VII; Marketing 420 (4) VII; electives (13). Total: 45 hours.

Electives: Group II—mathematics/science (8); Group III—social sciences (12); Group IV—humanities (8); Group V—non-business (15-19); Group VIII—free electives (24).

BUSINESS PRE-LAW

A curriculum to prepare the student for professional training in a law school, recognizing the business and economic emphasis of the practice of law while providing the breadth of training and the philosophical background which is conducive to success in a law school program.

First Year—English 111, 112 (4-8) I; H.P.E. (3); Quantitative Analysis and Control 160 (4) II; mathematics requirement—(10) II; Quantitative Analysis and Control 160 (4) II; communication elective (4) I; Statistics 111 (4) II; English 161/162/204 (4) VII; electives (11-15). Total: 48 hours.

Second Year—Accounting 221 (4) VI; Accounting 222 (4) VI; Economics 201 (4) VI; Economics 202 (4) VI; Political Science 201/History 205 (4) VII; Statistics 212 (4) VI; English 207 (4) VII; electives (17). Total: 45 hours.

Third Year—Business Administration 303 (4) VI; Business Law 301 (4) VI; Economics 302/311 (4) VI; Finance 300 (4) VI; Management 300 (4) VI; Marketing 300 (4) VI; Economics 302/304 (4) VI; Speech 303 (4) VII; Quantitative Analysis and Control 380 (4) VI; electives (9). Total: 45 hours.

Fourth Year—Business Administration 405 (4) VI; Business Law 491 (4) VII; Economics 303/331/332 (4) VIII; Business Administration 403 (4) VII; Management 360 (4) VI; electives (25). Total: 45 hours.

Electives: Group II—science/mathematics (8): laboratory or non-laboratory science, biology, chemistry, geology, physics, physical geography; Group III—social sciences (12): economic geography; history; political science; psychology; sociology; Political Science 202; History 432, 433, 458; Group IV—humanities (8) list in Dean’s office or adviser’s office; Group V—non-business (15-19); Group VIII—free electives (20).

* At least 4 hours must be selected from Accounting 421, 422, 423, 424, 429, 431, 439, 441, 442, 452, 491. A student planning to take the CPA examination is encouraged to elect Accounting 421, 423, 429, 441, 442, 452. A minimum of 36 quarter hours of accounting is required to qualify as a candidate for the CPA examination in Ohio.
ECONOMICS

The Economics curriculum is designed for the student who wishes to prepare for graduate studies in economics or business administration or who desires professional training for a career as an economist in civil service or private enterprise. The program aims to acquaint the student with techniques used for the analysis of modern economic problems and to develop in him an ability to exercise sound judgment in evaluating public economic policies.

First Year—English 111, 112 (4-8); H.P.E. (3); Quantitative Analysis and Control 160 (4); mathematics requirement (10); communication elective (4); Statistics 111 (4); electives (15-19). Total: 48 hours.

Second Year—Accounting 221 (4); Accounting 222 (4); Economics 201 (4); Economics 202 (4); Economics 311 (4); Statistics 212 (4); electives (21). Total: 45 hours.

Third and Fourth Years—Total: 90 hours.

Professional Courses (40): Business Administration 303 (4); Business Administration 405 (4); Business Law 301 (4); Economics 302 (4); Economics 303 (4); Finance 300 (4); Management 300 (4); Management 360 (4); Marketing 300 (4); Economics 301 or 401 (4).

Area of Specialization (24): Depending upon his needs, the student may follow either a general program of study or concentrate in a particular area of economics. The student who wishes a general approach should, in consultation with his adviser, elect six courses from the following: Economics 301, 304, 321, 322, 323, 331, 332, 336, 341, 351, 361, 371, 372, 401, 402, 414, 423, 424, 435, 443, 447, 448, 451, 452, 453, 459, 460, 471, 473, 474, 475, 476, 491, 495. For students who are interested in acquiring some depth in a particular area, the following course sequences plus sufficient electives are recommended:

Theory: 301, 304, 401, 402, 473.
Money and Public Finance: 331, 332, 336, 414, 475.
Transportation and Regulated Industries: 341, 443, 447, 448.
Electives: 26 hours.

Electives: mathematics and science (8); social and behavioral sciences (12); humanities (8); non-business (15-19); free electives (24-32).

ENVIRONMENTAL ADMINISTRATION

A program designed to provide students with opportunities to identify, define, and implement goals related to the environment with interdisciplinary emphasis. Students are provided with the technical, social, and administrative skills necessary to help administer and solve the complex problems inherent in our national objectives of environmental control.

First Year—English 111, 112 (4-8); H.P.E. (3); Quantitative Analysis and Control 160 (4) II; mathematics requirement (10) II; communication elective (4) I; Statistics 111 (4) II; Biology 101 (5); electives (10-14). Total: 48 hours.

Second Year—Accounting 221 (4) VI; Accounting 222 (4) VI; Economics 201 VI; Economics 202 (4) VI; Statistics 212 (4) VI; electives (25). Total: 45 hours.

Third Year—Business Administration 303 (4) VI; Business Law 301 (4) VI; Economics 302/304 (4) VI; Economics 303/311 (4) VI; Marketing 300 (4) VI; Management 360, 300 (8) VI; Quantitative Analysis and Control 380 (4) VI; Finance 300 (4) VI; Management 331 (4) VII; electives (5). Total: 45 hours.

Fourth Year—Business Administration 405 (4) VI; Economics 336 (4) VII; Economics 435 (4) VII; Business Law 431 (4) VII; Business Administration 437 (4-4) VII; electives (21). Total: 45 hours.

Electives: Group II—Geology 103, 104, 105, 421; Biology 104, 213, 321; Geography 125, 126, 127, 212, 312, 442; Chemistry 121, 122; Group III—Psychology 201; Sociology 101, 202, 412; Political Science 331, 332, 430; Group IV—Philosophy 205, 432; Group VIII—Journalism 340, 440.
FINANCE

A curriculum for a student who is interested in the financial management of a business enterprise, a financial institution such as a commercial bank or savings and loan association, mutual funds, an insurance company, or investment analysis and management.

First Year—English 111, 112 (4-8) I; H.P.E. (3); Quantitative Analysis and Control 160 (4) II; mathematics requirement (10) II; communication elective (4) I; Statistics 111 (4) II; electives (15-19). Total: 48 hours.

Second Year—Accounting 221 (4) VI; Accounting 222 (4) VI; Economics 201 (4) VI; Economics 202 (4) VI; Statistics 212 (4) VI; electives (25). Total: 45 hours.

Third Year—Accounting 321 (3) VIII; Accounting 322 (4) VIII; Business Administration 303 (4) VI; Business Law 301 (4) VI; Economics 303/311 (4) VI; Economics 302/304 (4) VI; Finance 300 (4) VI; Finance 330 (4) VI; Finance 360 (4) VI; Management 300 (4) VI; Marketing 300 (4) VI; electives (1). Total: 45 hours.

Fourth Year—Business Administration 405 (4) VI; Finance 450 (4) VII; finance electives (12) VII; Management 360 (4) VI; Quantitative Analysis and Control 380 (4) VI; electives (17). Total: 45 hours.

Electives: Group II—mathematics/sciences (8); Group III—social sciences (12); Group IV—humanities (8); Group V—non-business (15-19). Group VII—finance (12): Finance 433, 434, 451, 452, 461, 470, one 400-level insurance course other than Insurance 491; Group VIII—free electives (18): any 400-level finance course not needed for Group VII; Business Law 413, 415, 420; Accounting 439; any insurance course not taken for Group VII: Business Administration 403; all management courses; Marketing 420; Quantitative Analysis and Control 480; Economics 303, 331, 414, 451, 439.

GENERAL BUSINESS

A curriculum for the student who desires to obtain a broad business background with a minimum of specialization or who desires to tailor a program to his specific needs.

First Year—English 111, 112 (4-8) I; H.P.E. (3); Quantitative Analysis and Control 160 (4) II; mathematics requirement (10) II; communication elective (4) I; Statistics 111 (4) II; electives (15-19). Total: 48 hours.

Second Year—Accounting 221 (4) VI; Accounting 222 (4) VI; Economics 201 (4) VI; Economics 202 (4) VI; Statistics 212 (4) VI; electives (25). Total: 45 hours.

Third Year—area of specialization* (8) VII; Business Administration 303 (4) VI; Business Law 301 (4) VI; Economics 302 or 304 (4) VI; Economics 303/311 (4) VI; Finance 300 (4) VI; Management 300 (4) VI; Marketing 300 (4) VI; Quantitative Analysis and Control 380 (4) VI; electives (5). Total: 45 hours.

Fourth Year—area of specialization* (16) VII; Management 360 (4) VI; Business Administration 405 (4) VI; electives (21). Total: 45 hours.

INFORMATION SYSTEMS

A curriculum for the student who is interested in a position as a systems analyst or in a position using the application of electronic computers to business problems. Emphasis is placed upon the use of the computer in a quantitative business environment. Provision is made through electives within the major (minimum of 24 hours) for application of the computer to one of the functional areas of business such as accounting, economics, finance, management, marketing, or statistics.

First Year—English 111, 112 (4-8) I; H.P.E. (3); Mathematics 131, 231 (10) II; Quantitative Analysis and Control 160 (4) II; communication elective (4) I; Statistics 111, 212 (8) II; electives (11-15). Total: 48 hours.

* Twenty-four hours must be selected from the following areas: accounting, business education, economics, finance, insurance, management, marketing, quantitative analysis and control, or statistics with not more than 12 hours in any one area. Include only courses that may be used to fulfill requirements in an area of specialization.
Second Year—Accounting 221, 222 (8) VI; Economics 201, 202 (8) VI; Quantitative Analysis and Control 260 (4) VII; electives (25). Total: 45 hours.

Third Year—Management 300 (4) VI; Finance 300 (4) VI; Business Administration 303 (4) VI; Quantitative Analysis and Control 380 (4) VI; Economics 303/311 (4) VI; Business Law 301 (4) VI; Marketing 300 (4) VI; major elective† (4) VII; electives (13). Total: 45 hours.

Fourth Year—Quantitative Analysis and Control 471 (4) VII; Quantitative Analysis and Control 460/Statistics 302 (4) VII; Quantitative Analysis and Control 472 (4) VII; major elective† (4) VII; Business Administration 405 (4) VI; Economics 302/304 (4) VI; Management 360 (4) VI; electives (17). Total: 45 hours.

Electives: Group II—science/mathematics (8); Group III—social sciences (12); Group IV—humanities (8); Group V—non-business (15-19); English 207; Mathematics 232, 332, 403, 404; Computer Science 305, 306, 460, 462; Speech 103; Group VIII—free electives (24): same as Group V plus all statistics courses; Accounting 321, 322, 331, 332, 451, 452; Economics 301, 401, 402, 424, 459; Finance 430, 431, 450, 460, 470; all management courses; Marketing 420; Quantitative Analysis and Control 480; Business Administration 404.

INSURANCE

A curriculum for the student who wishes to prepare for a career in the field of life insurance or property and casualty insurance.

First Year—English 111, 112 (4-8) I; H.P.E. (3); Quantitative Analysis and Control 160 (4) II; mathematics requirement (10) II; communication elective (4) I; Statistics 111 (4) II; electives (15-19). Total: 48 hours.

Second Year—Accounting 221 (4) VI; Accounting 222 (4) VI; Economics 201 (4) VI; Economics 202 (4) VI; Statistics 212 (4) VI; electives (25). Total: 45 hours.

Third Year—Business Administration 303 (4) VI; Business Law 301 (4) VI; Economics 311 (4) VI; Economics 302/304 (4) VI; Finance 300 (4) VI; Insurance 361 (4) VII; Insurance 467 (4) VII; Management 300 (4) VI; Marketing 300 (4) VI; Quantitative Analysis and Control 380 (4) VI; electives (5). Total: 45 hours.

Fourth Year—Management 360 (4) VI; Business Administration 405 (4) VI; Business Law 413/415 (4) VIII; Insurance 463 (4) VII; Insurance 465 (4) VII; Insurance 469 (4) VII; Insurance 470 (4) VII; electives (18). Total: 45 hours.

Electives: Group II—mathematics/science (8); Group III—social sciences (12); Group IV—humanities (8); Group V—non-business (15-19); Group VIII—free electives (16): Economics 321, 361, 460, 461; Finance 330, 431, 434, 443; Business Law 413, 415.

INTERNATIONAL BUSINESS

A curriculum for the student preparing for a foreign assignment or a position in the international division of a company. An international major should develop professional competence in one functional area of business and one geographic area through his selection of elective courses. A list of suggested electives is available from the faculty adviser.

First Year—English 111, 112 (4-8) I; H.P.E. (3); Quantitative Analysis and Control 160 (4) II; mathematics requirement (10) II; communication elective (4) I; Statistics 111 (4) II; History 153 (4) VII; electives (11-20). Total: 48 hours.

Second Year—Accounting 221 (4) VI; Accounting 222 (4) VI; Economics 201 (4) VI; Economics 202 (4) VI; Statistics 212 (4) VI; electives (25). Total: 45 hours.

Third Year—Business Administration 303 (4) VI; Economics 302/304 (4) VI; Economics 303/311 (4) VI; Economics 351 (4) VII; Quantitative Analysis and

† Eight hours (Group VII) must be selected from a specific functional area in business such as accounting, economics, finance, management, marketing, or statistics in consultation with an adviser. Courses from the selected area must form a cohesive group. A student is encouraged to use some of his free electives to deepen his understanding of the functional area selected.
Control 380 (4) VI; Political Science 372 (4) VII; Business Law 301 (4) VI; Finance 300 (4) VI; Management 300 (4) VI; Marketing 300 (4) VI; electives (5). Total: 45 hours.

Fourth Year—Management 360 (4) VI; Business Administration 390 (4) VII; Business Administration 405 (4) VI; Business Administration 440 (3) VII; Business Administration 450 (3) VII; electives (27). Total: 45 hours.

Electives: Group II—science/mathematics (8); Group III—social sciences (12); Group IV—humanities (8); Group V—non-business (15-19); Group VIII—free electives (26). 10 hours of a foreign language must be selected (proof of language competence equivalent to elementary college-level proficiency satisfies this requirement).

MARKETING RESEARCH

A marketing curriculum for the student who wishes to prepare for research responsibilities in a marketing department of a manufacturing plant, an advertising agency, or a research service organization. For other marketing curricula, see advertising, retailing, and selling and sales management.

First Year—English 111, 112 (4-8) I; H.P.E. (3); Quantitative Analysis and Control 160 (4) II; mathematics requirement (10) II; communication elective (4) I; Statistics 111 (4) II; electives (15-19). Total: 48 hours.

Second Year—Accounting 221 (4) VI; Accounting 222 (4) VI; Economics 201 (4) VI; Economics 202 (4) VI; Statistics 212 (4) VI; electives (25). Total: 45 hours.

Third Year—Business Administration 303 (4) VI; Business Law 301 (4) VI; Economics 302/304 (4) VI; Economics 303/311 (4) VI; Marketing 300 (4) VI; Marketing 401 (4) VI; Marketing 420 (4) VI; Quantitative Analysis and Control 380 (4) VI; electives (13). Total: 45 hours.

Fourth Year—Management 300 (4) VI; Management 360 (4) VI; Business Administration 405 (4) VI; Business Administration 450 (3) VI; Management 361/365 (4) VII; Management 360 (4) VI; electives (26). Total: 45 hours.

Electives: Group II—mathematics/science (8); Group III—social sciences (12); Group IV—humanities (8); Group V—non-business (15-19); Group VIII—free electives (24).

OFFICE MANAGEMENT

A curriculum for the student who wishes to specialize in the planning, organization, and control of office work. This curriculum introduces the student to the subdivisions of records management, forms design and control, systems and procedures, and data processing. This program and a specified amount of practical office experience enables a student to qualify for a professional certificate in office management issued by the Administrative Management Society.

First Year—Business Education 112 (3) VII; English 111, 112 (4-8) I; H.P.E. (3); Quantitative Analysis and Control 160 (4) II; mathematics requirement (10) II; communication elective (4) I; Statistics 111 (4) II; electives (12-21). Total: 48 hours.

Second Year—Accounting 221 (4) VI; Accounting 222 (4) VI; Business Education 211 (3) VII; Business Education 220 (3) VII; Business Education 230 (3) VII; Economics 201 (4) VI; Economics 202 (4) VI; Statistics 212 (4) VI; electives (16). Total: 45 hours.

Third Year—Business Law 301 (4) VI; Economics 302/304 (4) VI; Economics 303/311 (4) VI; Finance 300 (4) VI; Management 300 (4) VI; Marketing 300 (4) VI; Quantitative Analysis and Control 380 (4) VI; electives (17). Total: 45 hours.

Fourth Year—Business Administration 303 (4) VI; Business Administration 405 (4) VI; Business Education 455 (3) VII; Management 361/365 (4) VII; Management 360 (4) VI; electives (26). Total: 45 hours.

Electives: Group II mathematics/science (8); Group III—social sciences (12); Group IV—humanities (8); Group V—non-business (15-19); Group VIII—free electives (26).

OPERATIONS RESEARCH

A curriculum for the student with a good mathematical background who wishes to prepare for a career in which mathematical and scientific techniques will be used

* Elected from Statistics 313, 402, 403, 406, 410.

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to help solve business, social and other problems. This curriculum will also provide an adequate preparation for graduate study in operations research.

First Year—English 111, 112 (4-8); H.P.E. (3); Mathematics 131, 231, 232 (15); Quantitative Analysis and Control 160 (4); Statistics 111 (4); electives (12-16). Total: 46 hours.

Second Year—Mathematics 332, 333 (8); Accounting 221, 222 (8); Economics 201, 202, 302 (12); Statistics 212, 313 (8); Management 300 (4); electives (8). Total: 48 hours.

Third Year—Quantitative Analysis and Control 380, 480, 485 (12); Accounting 331, 332 (8); Economics 303/311 (4); Marketing 300 (4); Business Law 301 (4); Finance 300 (4); Business Administration 303 (4); Statistics 301/402/403/406/410 (4); electives (4). Total: 48 hours.

Fourth Year—Quantitative Analysis and Control 487/488/491 (4); Quantitative Analysis and Control 471 (4); Statistics 302 (4); Management 360 (4); Business Administration 405 (4); Statistics 301/402/403/406/410 (4); electives (17). Total: 41 hours.

Electives: Group I—Communications (4); Group III—social sciences (12); Group IV—humanities (8); Group V—non-business (10-14); Group VIII—free electives (8).

ORGANIZATION DEVELOPMENT

A curriculum for the student who is preparing for a career in human resource management, personnel, and organization development including content as follows: organization theory, human development in organizations, organizational relationships, interpersonal relationships and organizational diagnosis and changes.

First Year—English 111, 112, (4-8) I; H.P.E. (3); Quantitative Analysis and Control 160 (4) II; mathematics requirement (10) II; communication elective (4) I; Statistics 111 (4) II; electives (15-19). Total: 48 hours.

Second Year—Accounting 221 (4) VI; Accounting 222 (4) VI; Economics 201 (4) VI; Economics 202 (4) VI; Statistics 212 (4) VI; electives (25). Total: 45 hours.

Third Year—Business Administration 303 (4) VI; Business Law 301 (4) VI; Economics 303/313 (4) VI; Economics 304 (4) VI; Finance 300 (4) VI; Management 300 (4) VI; Management 360 (4) VI; Marketing 300 (4) VI; Quantitative Analysis and Control 380 (4) VI; electives (5). Total: 45 hours.

Fourth Year—Business Administration 405 (4) VI; Management 361 (4) VII; Management 365 (4) VII; Management 461 (4) VII; Management 462 (4) VII; Management 466 (4) VII; electives (4) VII; electives (21) V-VIII. Total: 45 hours.

Electives: Group II—science/mathematics (8); Group III—social sciences (12): Psychology 201, 302, 321, 330, 352, 452; Sociology 301, 352, 403, 415, 418; Group IV—humanities (8); Philosophy 205 (4); Group VIII—Management 467 (4); Management 468 (4); Business Law (4).

PROCUREMENT AND MATERIALS MANAGEMENT

A curriculum for the student who is interested in the procurement and materials management areas. The course of study includes an integrated approach to procurement and materials management functions and related activities.

First Year—English 111, 112 (4-8) I; H.P.E. (3); Quantitative Analysis and Control 160 (4) II; mathematics requirement (10) II; communication elective (4) I; Statistics 111 (4) II; Industrial Education and Technology 104 (4) VII; electives (11-15). Total: 48 hours.

Second Year—Accounting 221 (4) VI; Accounting 222 (4) VI; Economics 201 (4) VI; Economics 202 (4) VI; Statistics 212 (4) VI; electives (25). Total: 45 hours.

Third Year—Business Administration 303 (4) VI; Business Law 301 (4) VI; Economics 303/311 (4) VI; Economics 304 (4) VI; Finance 300 (4) VI; Management 300 (4) VI; Management 330 (4) VII; Management 360 (4) VI; Marketing 300 (4) VI; Quantitative Analysis and Control 380 (4) VI; electives (5). Total: 45 hours.

Fourth Year—Business Administration 405 (4) VI; Management 430 (4) VII; Management 361 (4) VII; Management 439 (4) VII; Economics 341 (4) VII; electives (29). Total: 45 hours.
**Economics**

A curriculum designed for the student preparing for a career in production management. This curriculum introduces the student to the concepts and methods utilized in the production and operations areas.

*First Year*—English 111, 112 (4-8) I; H.P.E. (3); Quantitative Analysis and Control 160 (4) II; mathematics requirement (10) II; communication elective (4) I; Statistics 111 (4) II; electives (15-19). Total: 48 hours.

*Second Year*—Accounting 221 (4) VI; Accounting 222 (4) VI; Economics 201 (4) VI; Economics 202 (4) VI; Statistics 212 (4) VI; electives (25). Total: 45 hours.

*Third Year*—Business Administration 303 (4) VI; Business Law 301 (4) VI; Economics 303/311 (4) VI; Economics 304 (4) VI; Management 300 (4) VI; Management 441 (4) VII; Management 360 (4) VI; Marketing 300 (4) VI; Finance 300 (4) VI; Quantitative Analysis and Control 380 (4) VI; electives (5). Total: 45 hours.

*Fourth Year*—Accounting 221 (4) VI; Accounting 222 (4) VI; Economics 201 (4) VI; Economics 202 (4) VI; Statistics 212 (4) VI; electives (25). Total: 45 hours.

**Elections:** Group II—science/mathematics (8); Group III—social sciences (12): Psychology 201; Political Science 101; Group IV—humanities (8); Group V—non-business (15-19): Psychology 305, 352; Political Science 421, 422; Sociology 301, 415; Group VII, choose one of the following pairs: Management 331 and 361 or Management 330 and 430 or Accounting 331 and 332 (8); Group VIII—free electives (24); Management 365, 461, 330, 361, 430; Quantitative Analysis and Control 403; Mathematics 232.

**Retailing**

A marketing curriculum for the student who wishes to prepare for managerial responsibilities in retailing. For other marketing curricula, see advertising, marketing research, and selling and sales management.

*First Year*—English 111, 112 (4-8) I; H.P.E. (3); Quantitative Analysis and Control 160 (4) II; mathematics requirement (10) II; communication elective (4) I; Statistics 111 (4) II; electives (15-19). Total: 48 hours.

*Second Year*—Accounting 221 (4) VI; Accounting 222 (4) VI; Economics 201 (4) VI; Economics 202 (4) VI; Statistics 212 (4) VI; electives (25). Total: 45 hours.

*Third Year*—Business Administration 303 (4) VI; Business Law 301 (4) VI; Economics 302/304 (4) VI; Economics 303/311 (4) VI; Management 300 (4) VI; Marketing 401 (4) VII; Marketing 430 (4) VII; Quantitative Analysis and Control 380 (4) VI; electives (13). Total: 45 hours.

*Fourth Year*—Management 360 (4) VI; Management 361 (4) VI; Business Administration 405 (4) VI; Finance 300 (4) VI; Marketing 403 (4) VII; Marketing 410 (4) VII; Marketing 420 (4) VII; Marketing 436 (4) VII; electives (13). Total: 45 hours.

**Elections:** Group II—mathematics/science (8); Group III—social sciences (12); Group IV—humanities (8); Group V—non-business (15-19); Group VIII—free electives (24).

**Secretarial Administration**

A curriculum for a student desiring to prepare for administrative level secretarial responsibilities in business or industrial establishments, professional offices, or government agencies.

The student develops competency in secretarial skills, office procedures and management, data processing, communications, and decision making.

*First Year*—English 111, 112 (4-8) I; H.P.E. (3); Quantitative Analysis and Control 160 (4) II; mathematics requirement (10) II; communication elective (4) I; Statistics 111 (4) II; electives (15-19). Total: 48 hours.
Second Year—Accounting 221 (4) VI; Accounting 222 (4) VI; Business Education 210* (3) VII; Business Education 211 (3) VII; Business Education 220 (3) VII; Economics 201 (4) VI; Economics 202 (4) VI; Statistics 212 (4) VI; electives (16). Total: 45 hours.

Third Year—Business Education 312* (3) VII; Business Education 313 (3) VII; Business Education 314 (1) VII; Business Law 301 (4) VI; Economics 302/304 (4) VI; Economics 303/311 (4) VI; Finance 300 (4) VI; Management 300 (4) VI; Marketing 300 (4) VI; Quantitative Analysis and Control 380 (4) VI; electives (10). Total: 45 hours.

Fourth Year—Business Administration 303 (4) VI; Business Administration 405 (4) VI; Business Education 401 (5) VII; Business Education 455 (3) VII; Management 360 (4) VI; electives (25). Total: 45 hours.

Electives: Group II—mathematics/science (8); Group III—social sciences (12); Group IV—humanities (8); Group V—non-business (15-19); Group VIII—free electives (24).

SELLING AND SALES MANAGEMENT

A marketing curriculum for the student who is interested in salesmanship or sales management. For other marketing curricula, see advertising, marketing research, and retailing.

First Year—English 111, 112 (4-8) I; H.P.E. (3); Quantitative Analysis and Control 160 (4) II; mathematics requirement (10) II; communication elective (4) I; Statistics 111 (4) II; electives (15-19). Total: 48 hours.

Second Year—Accounting 221 (4) VI; Accounting 222 (4) VI; Economics 201 (4) VI; Economics 202 (4) VI; Statistics 212 (4) VI; electives (25). Total: 45 hours.

Third Year—Business Administration 303 (4) VI; Business Law 301 (4) VI; Economics 302/304 (4) VI; Economics 303/311 (4) VI; Finance 300 (4) VI; Management 300 (4) VI; Marketing 340 (4) VII; Marketing 401 (4) VII; Quantitative Analysis and Control 380 (4) VI; electives (13). Total: 45 hours.

Fourth Year—Management 300 (4) VI; Management 360 (4) VI; Business Administration 405 (4) VI; Finance 300 (4) VI; Marketing 403 (4) VII; Marketing 410 (4) VII; Marketing 420 (4) VII; Marketing 441 (4) VII; electives (13). Total: 45 hours.

Electives: Group II—mathematics/science (8); Group III—social sciences (12); Group IV—humanities (8); Group V—non-business (15-19); Group VIII—other electives (24).

STATISTICS

This program is designed for a student with a good mathematical background. It is an excellent preparation for graduate study in any area of business or economics. This curriculum is also for the student who is interested in a career in statistical analysis and research in government or business.

First Year—English 111, 112 (4-8) I; H.P.E. (3); Mathematics 131, 231 (10) II; Quantitative Analysis and Control 160 (4) II; communication elective (4) I; Statistics 111 (4) II; electives (15-19). Total: 48 hours.

Second Year—Accounting 221 (4) VI; Accounting 222 (4) VI; Economics 201 (4) VI; Economics 202 (4) VI; Mathematics 232 (5) VIII; Statistics 212 (4) VI; Statistics 313 (4) VII; electives (16). Total: 45 hours.

Third Year—Business Administration 303 (4) VI; Business Law 301 (4) VI; Economics 303/311 (4) VI; Finance 300 (4) VI; Management 300 (4) VI; Marketing 300 (4) VI; Statistics 402 (4) VII; Statistics 301/302/403/406/410 (4) VII; Economics 302/304 (4) VI; Quantitative Analysis and Control 380 (4) VI; electives (5). Total: 45 hours.

Fourth Year—Business Administration 405 (4) VI; Management 360 (4) VI; Statistics 301/302/403/406/410 (8) VII; electives (29). Total: 45 hours.

Electives: Group II—science/mathematics (8); Group III—social sciences (12); Group IV—humanities (8); Group V—non-business (15-19); Group VIII—

* A student with insufficient or no training in shorthand or typewriting must elect the beginning or intermediate course.

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free electives (18): Mathematics 332, 333, 441, 442; Economics 402; Economics 404; Quantitative Analysis and Control 480. For further information, a student should consult his adviser.

BACHELOR OF SCIENCE IN ECONOMICS PROGRAM

The Bachelor of Science in Economics Program is designed to provide students with a meaningful educational experience that stresses professional excellence in economics and stimulates the imaginative intellectual development of the individual student. Recognizing the multidimensional demands placed upon professional economists in a society that is in a constant state of change, the Bachelor of Science in Economics Program permits maximum freedom for the individual student's interdisciplinary experiences and professional advancement while providing a minimum structure to insure professional and educational integrity in economics. Because of the degree of flexibility in program, a plan of study may be designed for each student in which the essential elements of economic analysis are combined with work in other disciplines that the student feels are of special interest and are useful to his career objectives. Students in the Bachelor of Science in Economics Program may adopt their course of study to secure the necessary training for employment as a professional economist in either private industry or government service or for advanced study at the graduate level in Economics or in some closely related area.

Requirements for Graduation

A candidate for the Bachelor of Science in Economics must complete the following requirements for graduation:

1. Complete in residence at least 45 hours of credit immediately prior to graduation;
2. Earn a minimum of 183 hours of credit including 3 hours in health and physical education;
3. Complete 60 or more hours of credit in courses numbered 300 and above;
4. Have an accumulative point average of at least 2.0 in all courses undertaken;
5. Meet the group requirements listed below.

A candidate for graduation must file an Application for Graduation with the Registrar. An application blank for this purpose may be obtained at the Registrar's Office. See page 18 for deadlines for Application for Graduation.

Group Requirements

Group I. Communication Skills. Each student is required to complete English 112. It is recommended but not required that all students complete Speech 102.

Group II. Mathematics, Science and Quantitative Measurements. Each student is required to take Mathematics 124/131 and 125/231; Statistics 111 and 212; twelve hours from the Departments of Mathematics (excluding 241, 242, 243, 244, 245), Computer Science, Quantitative Analysis and Control, and/or the biological and physical sciences.

Group III. Social and Behavioral Sciences. Each student is required to complete Economics 201 and 202 and twelve hours of social sciences outside of the Department of Economics.

Group IV. Humanities. Each student is required to complete 4 hours of credit from Philosophy 205, 206 or 303 and 8 hours of credit from an approved list of humanities courses in the areas of art, foreign languages, literature, music, philosophy, and theatre. A list of acceptable courses is available in the Department of Economics Office.

Group V. Major and Cognate Concentration. Each student is required to complete a major in economics consisting of 4 hours of quantitative economics (Economics 301, 401, or 402), Economics 302, 202, 311, and thirty-two additional hours of economics courses. To complete the professional area of study a cognate concentration of twenty hours must be selected from the areas of business administration, arts and sciences and education in consultation with and with the approval of the program adviser.
Group VI. Free electives. The remainder of the academic program is completed with free electives selected by the student in consultation with the program adviser. Depending upon his interests and career objectives, a student may select courses from any area of the University in meeting this requirement.

ASSOCIATE IN APPLIED BUSINESS*
TWO-YEAR EXECUTIVE SECRETARIAL DEGREE PROGRAM

A student who is interested in secretarial administration may prefer a shorter program than the four-year curriculum leading to the degree of Bachelor of Science in Business Administration. Upon the completion of this program, the student receives the Associate in Applied Business degree. If a student should decide to continue his education after completing one or two years of this program, he may apply full credit for all courses satisfactorily completed toward the four-year degree program in secretarial administration.

First Year—English 111, 112 (4-8); H.P.E. (3); Business Administration 102 (4); Business Education 101 (4); Business Education 111** (3); Business Education 112** (3); Business Education 210 (3); Business Education 211 (3); Business Education 213** (3); Business Education 214** (3); Business Education 215** (3); Business Education 220 (3); Business Education 230 (3); electives (2-6). Total: 48 hours.

Second Year—Accounting 221 (4); Accounting 222 (4); Economics 201 (4); Business Education 240 (4); Business Education 311 (3); Business Education 312 (3); Business Education 314 (1-3); Business Education 321 (3); Business Education 401 (5); Business Administration 303 (4); Business Law 301 (4); electives (4-6). Total: 45 hours.


BUSINESS ADMINISTRATION-EDUCATION

A candidate who has met all the requirements for the degree Bachelor of Science in Business Administration also may qualify for the degree Bachelor of Science in Education and for an Ohio teaching certificate to teach by completing a combined curriculum including the general and specific graduation requirements for each college. See page 18.

The student who desires to pursue the combined program must register in the College of Education and in the College of Business Administration and must maintain a 3.0 average or better. To receive the degree of Bachelor of Science in Education, the student must complete the comprehensive major in business education or the distributive education major. The basic business major requires a non-business minor or a distributive education minor. See page 93. In addition, the student must take Psychology 201, Education 302, appropriate methods courses, meet the group requirements in general education, and participate in a quarter of professional concentration which includes student teaching—Education 331.

A student interested in teaching business or distributive education in high school should consult with the Department of Business Education in planning his program.

* A candidate for the degree of Applied Business must complete at least 45 hours in residence immediately preceding graduation, earn a point average of at least 2.0 in course work taken in residence, meet the requirements as listed above, and earn a minimum of 93 hours of credit including 3 hours of health and physical education.

** A student who has had the beginning-level courses in typewriting and/or shorthand in high school should enroll in the advanced-level courses. The student with two semesters of high school typewriting and/or shorthand should enroll in Business Education 112 and/or 214. The student with four semesters of high school typewriting and/or shorthand should enroll in Business Education 210 and/or 215. A student who chooses to enroll in lower-level courses does not receive credit toward his two-year program for such courses. A student who enrolls in the advanced courses in typewriting and/or shorthand must substitute electives for the beginning courses to complete a minimum of 93 hours for graduation.
THE SCHOOL OF JOURNALISM
Joseph A. Del Porto, Ph.D., Director

THE FIELD OF JOURNALISM
Modern journalism encompasses the mass communications media—newspapers, consumer magazines, business and industrial publications, technical periodicals, trade and professional publications, radio and television. Needed in a highly-diversified profession are trained news reporters and editors for weeklies, dailies, the wire services, radio and television; specialists in photojournalism; public relations practitioners; editors for a wide range of magazines; writers in special fields such as science, business, education, medicine, politics; and competent administrators to manage the editorial, advertising, and business functions of publications and other mass communications services.

The student who plans a career in professional journalism must have a broad education based on the social sciences, humanities, and natural sciences. He must understand the social, political, and economic role of the mass media in a democratic society. He must be skilled in the professional techniques demanded by employers. To provide the opportunity to achieve these goals is the purpose of the School of Journalism.

TRAINING AND FACILITIES
The BG News, the daily campus newspaper, provides opportunities to gain experience in reporting, editing, advertising, and management. In addition, a student has an opportunity to work on the Key, BGSU's yearbook, and to prepare newscasts for the University's radio and television stations, WBGU-FM and WBGU-TV. The School of Journalism has laboratories for reporting and editing, photography, and graphics of communication. A summer internship program provides professional training for a qualified major on the staff of a daily or weekly newspaper, magazine, radio station, college news bureau, or public relations department of a business or industry.

PROFESSIONAL ASSOCIATIONS
The School of journalism has undergraduate chapters of three national organizations dedicated to professional interest in the field. They are Sigma Delta Chi, a society of journalists open to men and women; Theta Sigma Phi, an association of women in communications; and Public Relations Student Society of America, an affiliate of the national PRSA. The School also has a chapter of Kappa Tau Alpha, national journalism honor society. The School is a recipient of Reader's Digest Foundation funds which pay travel expenses for a student researching a story away from the campus. Contacts with numerous professional organizations are maintained through individual faculty memberships. The School of Journalism serves as secretariat for the Northwestern Ohio Newspaper Association and the Northwestern Ohio District Journalism Association. It holds a membership in the Audit Bureau of Circulations.

SPECIALIZATION: FIVE SEQUENCES
In addition to other requirements, each journalism major chooses one of five areas of specialization called sequences. The news-editorial sequence is generally associated with training for reporting and editing positions on weekly or daily newspapers and the wire services. Photojournalism combines skills in writing and photography to convey a message in words and pictures. Public relations includes inter-group communications and relating the interests of business, industry, government, and public and private institutions to each other and to society. Broadcast journalism aims at competence in the electronic media of radio and television. Magazine journalism is concerned with the writing, editing, and publishing of these media. A student interested in teaching is referred to requirements for a journalism major or minor in the College of Education.

REQUIREMENTS FOR GRADUATION
A candidate for the degree of Bachelor of Science in Journalism must:
1. Complete at least 45 hours of work in residence immediately preceding graduation;
2. Earn a minimum of 183 hours of credit either in residence or by advanced standing; these hours must include 3 hours of health and physical education and a course in beginning typewriting for a student who did not have typewriting in high school. A student may be excused from the typewriting requirement by passing a proficiency test; 60 of the hours must be in 300- and 400-level courses.

3. Earn a point average of at least 2.0 in all courses undertaken in residence;

4. Complete 76 hours of general requirements as listed below;

5. Complete the 26 credits in the core journalism courses listed below and 20 or more as listed in a specific sequence; no more than 50 credits in journalism may be counted toward the 183 required for the baccalaureate degree;

6. Complete a minor of at least 30 hours in one field other than journalism, of which 20 hours must be in 300- or 400-level courses; choice of a minor field should be made in consultation with the student's adviser after careful consideration of the individual's career goals. An interdepartmental minor is encouraged but must be approved by the Director of the School of Journalism.

**GENERAL COURSE REQUIREMENTS**

- Economics (8); English 111, 112 (4-8); health and physical education (3); history (12); literature (8); political science (8); psychology and/or philosophy (8); science (12); sociology (9). Total: 72-76 hours.

**CORE COURSES IN JOURNALISM**

103. Introduction to Mass Communications (4); 107. Introduction to Photographic Journalist (4); 203. History and Principles of Journalism (4); 204. News Writing (3); 211. Reporting (3); 302. Copy Editing (4); 402. Journalism Law and Ethics (4). Total: 26 hours.

**SEQUENCE REQUIREMENTS**

**NEWS-EDITORIAL:** Journalism 310. Graphics of Communication (4); Journalism 312. Reporting of Public Affairs (4); Journalism 315. Press Management (4); journalism electives (8). Total: 20 hours.

**PUBLIC RELATIONS:** Journalism 303. Industrial Editing (4); Journalism 310. Graphics of Communication (4); Journalism 340. Principles of Public Relations (4); Journalism 440. Public Relations Techniques (4); journalism elective (4). Total: 20 hours.

**PHOTOJOURNALISM:** Journalism 303. Industrial Editing (4); Journalism 307. Photographic Communication (4); Journalism 310. Graphics of Communication (4); Journalism 407. Color Photography (4); journalism elective (4). Total: 20 hours.

**BROADCAST JOURNALISM:** Journalism 312. Reporting of Public Affairs (4); Journalism 330. Radio-Television News (4); one journalism elective (4); and 15 hours from the following courses: Education 428. Utilization of Educational Media (4); Speech 262. Introduction to Broadcast Announcing (4); Speech 360. Radio and TV Broadcasting (4); Speech 361. Radio Writing and Production (4); Speech 363. TV Studio Operations and Programs (3); Speech 368. Radio Workshop (2); Speech 463. Producing and Directing for TV (3). Total: 27 hours.

**MAGAZINE JOURNALISM:** Journalism 303. Industrial Editing (4); Journalism 304. Feature Writing (4); Journalism 404. Magazine Article Writing (4); Journalism 416. Magazine Publishing (4); journalism elective (4). Total: 20 hours.

**NOTE:** In addition to the above, there are special sequence requirements as follows: in public relations, Marketing 300, 410, Management 305, and Speech 312; in photojournalism, Art 101, 211.

**ELECTIVES:** A student should note that a substantial number of electives can be taken along with the above required courses. For example, a student taking the news-editorial sequence and minoring in a subject such as political science has 39 hours remaining for electives. In some cases, the student may complete the equivalent of a second major.

**CHANGES:** Any change in program requirements or course prerequisites must have approval of the Director of the School of Journalism.
COLLEGE OF EDUCATION

David G. Elsass, Ed.D., Dean, College of Education
George R. Horton, Ph.D., Assistant Dean
Robert J. Keefe, Ed.D., Assistant Dean
Vergil K. Ort, Ph.D., Assistant Dean
Jane H. Krone, M.S., Assistant to the Dean
Fred Pigge, Ph.D., Coordinator, Center for Educational Research and Services
Department of College Student Personnel, Gerald L. Saddlemire, Ed.D., Chairman
Department of Education, William J. York, Ed.D., Chairman
Department of Home Economics, Georgia Halstead, Ph.D., Chairman
Department of Industrial Education and Technology, Jerry Streichler, Ph.D., Chairman
Department of Library and Educational Media, Louise F. Reese, M.A., Chairman
Department of Health and Physical Education, Samuel M. Cooper, Ed.D., Chairman
Department of Physical Education and Recreation, Annie Clement, Ph.D., Chairman

Academic Appeals
William Harrington; Charles Hayden; Gerald Saddlemire; G. R. Horton, ex-officio.

Advisory and Policy Council
Fred Pigge (Vice Chairman), Louise Rees, (Vice Chairman Elect), Beverly Zanger (Secretary), Thomas Bach, Richard Bowers, Keith Doellinger, Mearl Guthrie, Margaret McGeever, Joyce Myles, Neil Pohlmann, Gerald Saddlemire, Wallace Terwilliger, D. G. Elsass (ex-officio).

Curriculum Committee
Mary Amos, Irvin Brune, Annie Clement, Robert Keefe, Laura Kivlin, Joyce Myles, George Scherff, G. R. Horton (ex-officio).

Secondary Education Committee
Robert Austin, Paul Haas, Verlin Lee, Michael Moore, Diane Pretzer, Wallace Terwilliger, Larry Wills, Robert Keefe (Chairman).

Selection and Screening Committee (Student Teaching)
Richard Bowers, Donald Chase, Suzanne Donnell, Helen Gertsen, Robert Keefe, Harland Lehtomaa, Bernard Rabin, Donald Sattler, Ronald Smith, William York, William Harris (Chairman), Vergil Ort (ex-officio).

AIMS AND PURPOSES
The primary functions of the College of Education are to provide for students educational experiences supportive to the general program of the University and preparatory for career patterns in the fields of education, food and industrial technology, health and recreation, and child and family relations.
The College believes that these needs can best be served by providing concurrently for the student:

1. A program of general education designed to develop the knowledge, understandings, skills, abilities, and attitudes which are the common possessions of an educated person as a citizen in a free society;
2. Advanced study in one or more areas of specialized interest;
3. A program of both on-campus and field based professional educational experiences.

To effect a realization of these purposes, the College of Education maintains close cooperative working relations with other colleges in the University for curricular support, elementary and secondary schools of northern Ohio for field-based experiences, the vocational schools and technical and branch colleges for cooperative activities and articulation, and the State Department of Education for teacher certification.

DEGREES OFFERED
- Bachelor of Science in Education
- Bachelor of Science in Technology

General Requirements for the Degree
In addition to the specific requirements listed on the following pages, a candidate for any degree must fulfill these general requirements:

1. Earn a minimum of 183 hours of credit including 3 hours in health and physical education;
2. Complete in residence at least 45 hours of credit immediately preceding graduation;
3. Complete 60 or more hours of credit in courses numbered 300 and above;
4. Have an accumulative point average of at least 2.0.
5. Meet the requirements for the degree listed in the following pages pertaining to curricula, prerequisites, laboratory experiences, personal fitness, and other regulations. Responsibility resides with the student in meeting these requirements.

A candidate for graduation must file an Application for Graduation with the Registrar. See page 18 for deadlines for applying for graduation. Application blanks for this purpose and for Ohio teacher certification may be obtained at the Registrar's Office.

A candidate for graduation must file credentials of personal data with the Office of Career Planning and Placement not later than the second week of his final quarter or summer semi-quarter.

Group Requirements
To insure a general education background in addition to the teaching specialization, teacher education majors are required to complete 63 hours of credit from the four areas of knowledge indicated below as group requirements. Insofar as possible, group requirements should be completed during the freshman and sophomore years.

Group I: Composition, Literature, and Speech. Each student must complete English 112 or equivalent, a literature course in English, and Speech 102. A student is considered to have demonstrated acceptable performance in English skills if he has received a grade of C or better in English 112. A student who receives a D in English 112 must repeat the course until he earns a grade of C. Furthermore, the student is required to present evidence of freedom from speech defects, obtainable by satisfactorily completing a speech and hearing test administered by the Department of Speech. Minimum total: 12 hours.

Group II: Science and Mathematics. Each student must complete 14 hours of credit in course work selected from the areas of biology; chemistry; computer science; physics; geology; mathematics; and Geography 125, 126, 127, 213. Such course work must be in at least two sciences or a science and mathematics.
Mathematics 241, 242 are applicable only for an elementary education major. Minimum total: 14 hours.

Group III: Social Sciences. Each student must complete 14 hours of course work in the social sciences. Courses may be selected from the areas of economics, geography, history, political science, psychology and sociology. The course work must be in at least two social science areas and be in addition to Psychology 201, which is required as a part of the professional sequence. Minimum total: 14 hours.

Group IV: Fine and Applied Arts. Each student is required to complete 9 hours of credit in one or more of the following fields: art, business education, crafts, drama (including radio, television), foreign language, home economics, industrial education and technology, library science, literature (in addition to that in Group I), modern dance, music, and philosophy. Minimum total: 9 hours.

Total Group Requirements. Each student pursuing the Bachelor of Science in Education degree or majoring in music education under the Bachelor of Music degree must complete the minimum requirements within each of the four groups described above. A student desiring to obtain a Bachelor of Science in Technology degree and not qualifying for teacher certification must fulfill each group requirement as prescribed in the particular program. However, each student in the College of Education must obtain a minimum of 63 hours of credit from Groups I, II, III, and IV. The remaining hours after the individual group minimums have been satisfied may be taken from any one or more of the groups but cannot include those courses required in the student’s primary major; courses from a student’s minor may be used to fulfill this requirement. Minimum total: 63 hours.

BACHELOR OF SCIENCE IN EDUCATION

A student who meets the requirements for graduation in one of the four-year curricula in the College of Education is granted the degree of Bachelor of Science in Education. A candidate for a degree must meet the following requirements for graduation:

Professional Requirements

The required professional courses (Psychology 201; Education 302, 402, 408, 409; and a methods course or courses) parallel the general education and the major-minor, subject matter emphasis during the student’s college program. Such course work is supplemented with directed observations and participation in a school situation (Field Experiences), and community-field project activities (Work Experience), and is culminated with one full quarter of student teaching. Detailed descriptions of each follow.

Work Experience. Before being declared eligible for student teaching, each student must account for a minimum of 60 hours of work experience with children. This work experience may be a single experience or a variety of experiences in which the student has given leadership, either on an individual or a group basis, to such activities as: Boy Scouts, Girl Scouts, 4-H clubs, Camp Fire Girls, Youth Groups, Sunday School teaching, playground recreational activities, story hour sessions, Head Start, directing church and youth choirs, babysitting, etc. Experiences with children while a senior in high school may be counted, but credit for babysitting cannot exceed 20 hours. Furthermore, students may not receive work experience credit for hours spent working with children in University programs, e.g., Methods Experience Projects, Project Interaction, etc. It is suggested that these work experiences be started during the freshman year and continued through the junior year. When a student has his Work Experience completed, he should complete the appropriate form, available from the Program Advisement Office, Suite 365 Education Building, and submit it to that office.

Field Experiences. Two full weeks of Field Experiences (observations and/or participation in a classroom setting) are required of each student before he is declared eligible for student teaching. The first week of Field Experience is to be done during the freshman year or prior to the sophomore year, and the second is to be done prior to or during the junior year. Each experience is to be arranged by the student with a school system of the student’s choice and each experience
should be in a different setting. Industrial education students are to consult with an adviser. Field Experience Forms giving complete directions are available from the Program Advisement Office, Suite 365, Education Building.

**Student Teaching Program**

Student teaching is the culminating experience in the student's program of teacher education. For this reason it is usually reserved for the last year of the student's work on campus, but it may be taken as early as the last quarter of the junior year if the appropriate pre-student teaching sequence has been completed. During this period the student devotes full time to participation and teaching under the guidance of a supervising teacher and campus staff members. He is assigned to one situation and progresses from observation and directed participation to full-time responsibility teaching. The student is guided in studies of child development, specific teaching skills, and the planning of a balanced program of a learning situation. He is expected to participate in the curricular, extracurricular, and professional activities of the school.

A student in physical education, music, or art ordinarily teaches in both elementary and secondary schools. Programs for the student in public school music are individually planned to give proper balance or concentration on vocal or instrumental experience.

**Eligibility for Quarter of Student Teaching**

To be eligible for an assignment in student teaching the student must:

1. Have completed 125 hours of college credit including the prerequisite professional courses and be in good standing;
2. File an application for student teaching with the Director of Student Teaching not later than the first month of the quarter preceding anticipated student teaching;
3. Possess an accumulative point average of 2.0 and 2.25 in the major field; he must meet and maintain this standard for one quarter prior to his teaching assignment;
4. Demonstrate acceptable performance in oral and written English—see Group I requirement, page 87;
5. Present evidence of freedom from speech defects;
6. Present evidence of physical fitness; during the quarter preceding student teaching, a student must report to the Student Medical Center for a physical examination;
7. Give evidence of good moral character, desirable personality traits, and professional attitudes; student teaching may be deferred by the Dean and upon the recommendation of the Selection and Screening Committee of the College of Education;
8. Present evidence of having completed 60 hours of work experience with children and having participated in two field experiences.
9. Be enrolled in a College of Education teacher certification program either as an undergraduate student or baccalaureate degree holder.

**Other Requirements**

All other requirements in addition to the major, minor, and group requirements are indicated in the respective curriculum outlines and in supplementary directive sheets which are available to the student from the Program Advisement Office.

Requirements pertaining to certificates for teaching are based on Section 3319.22 of the Revised Code of Ohio Statutes and regulations of the State of Ohio Department of Education.

**Field-Based and Clinical Experiences**

The resources of the public school system of Bowling Green are available to the University for observation, major experience, field experiences, student teaching, a reasonable amount of professional experimentation (student and faculty), and a limited amount of student testing. All requests for laboratory experiences in the
public schools of Bowling Green are to be cleared through the Office of Student Teaching. In addition, the University can make arrangements for student teaching in nearby communities. Teaching-learning centers are currently in operation and have been designed to meet the need for a student teaching experience that involves team teaching, audio-visual techniques, individualized learning, as well as work in a self-contained classroom. Students are assigned to a teaching-learning center or to a school in a nearby community on a full-time basis. This cooperation of the immediate school community and of many schools in the area offers a realistic and educationally sound opportunity to a student teacher. Contact the Office of Student Teaching for further information.

*Project Interaction.* This is a program which combines the elements of Education 402, 408, and 409 with appropriate field experience. Students spend about five weeks in the Toledo Public Schools and the remainder of the quarter on campus. A special registration and enrollment process is necessary. Contact the Department of Education Office.

*Methods Experience Project.* Elementary education majors participating in this program spend three days each week in a classroom and the other two days are spent on campus. The project incorporates on-the-job training into the methods sequence of Education 351, 352, 353, 355, and 356. Prerequisites include Education 302, Mathematics 241 and 242. It is strongly recommended that the required art, music, physical education, and children’s literature be completed prior to the experience. Contact the Department of Education Office.

*Methods Action Project.* Eligible students are Educable Mentally Retarded or EMR-elementary dual majors. This project integrates all EMR methods and professional courses into a practicum in a Toledo school for the entire senior year. This includes Education 381, 434, 435, 436, 437, 402, 408, and 409. Prerequisites for these courses must be completed. The student must have the recommendation of his adviser and carry a minimum of 2.25 accumulative grade point average. Contact the Division of Special Education.

*Help-a-School-Child Project.* This project permits sophomore and junior students to tutor a school-age child in conjunction with the course in educational psychology—Education 302. Students spend two hours per week in a lecture, one hour in a small seminar class, and two separate hours each week in tutoring activities. The lecture is listed in each of the quarterly schedules as “Education 302—‘Help-a-School-Child”, but tutoring assignments and small-group seminars are assigned during the first day of class. The course is designed to permit an interaction between psychological theory and practical experience in individualized instruction. Further information is available in the Department of Education Office.

*Project Brazil.* This is a program of international education focusing on Latin America in general and Brazil in particular. The program is co-sponsored by Bowling Green State University and Catholic University of Sao Paulo, Brazil. Qualified students from colleges and universities in Ohio do their student teaching practicum in accredited American Bi-National Schools of Brazil. Students spend twelve to sixteen weeks during the fall or spring quarter under supervision of University personnel. Students live with Brazilian families. The program also provides for travel time and other cultural experience. An additional quarter for independent study or attendance at Catholic University is available for students who qualify. Students must meet all student teaching requirements of the University and attend orientation programs which are held the preceding quarter.

Teaching Fields

Upon completion of the Bowling Green program requirements, the student receives institutional endorsement for certification in one or more of the teaching fields listed below.

*Elementary.* Elementary, kindergarten-primary.

*High School Comprehensive.* Business education, science, social studies, family life education.

*High School—Specific.* Visual art, biological science, bookkeeping basic business, chemistry, earth science, economics, educational media, English, general science,
geography, health, history, home economics, industrial arts, journalism, languages, mathematics, physical education—men, physical education—women, physics, political science, social psychology, sales—communication, sociology, speech, stenography and typing, driver education.

Special Teaching Certificates. Visual art, visual art (elementary only), educational media, educational media (elementary only), industrial arts, languages, music—instrumental, choral, classroom, music (elementary only), physical education—men, physical education—women, physical education (elementary only), health education.


Vocational. Distributive education, homemaking and consumer education, job training, OWE/OWA (Work Experience).

The certification process must be initiated by the student at the time he applies for graduation. Ohio teaching certificates are not transferable to other states, but Ohio participates in the Interstate Agreement on Qualification of Educational Personnel and has entered into an implementation contract with 22 states. Additional information can be obtained from the Academic Program Advisement Office located in Suite 365 of the Education Building.

Three kinds of certificates for teaching in the Ohio public elementary schools are available to the graduate of an approved curriculum. The elementary certificate is valid for teaching grades one to eight, the kindergarten-elementary is valid for teaching kindergarten to eight, and the kindergarten-primary is valid for teaching kindergarten to three. Applicants for any of these certificates are required to complete the elementary curriculum as outlined on page 92: those applicants who desire to also be certified to teach kindergarten must complete Education 342 and 357 and do their student teaching on the kindergarten or primary level.

The elementary education curriculum is also designed to serve the needs and interests of the student who wishes to qualify for both the elementary and secondary certificates. A student who desires this program of dual certification must complete in addition to the elementary curriculum a certifiable major or minor and a corresponding secondary methods course as a part of the four-year program. The sequence of courses for the secondary majors and minors is listed on page 92. Certification for the dual program is applicable only for teaching in Ohio.

A student who wishes certification for the teaching of educable mentally retarded children should follow the curriculum listed on page 108. The completion of this curriculum entitles the student to the Ohio Provisional Special Certificate for the teachers of slow learning children.

A student desiring both a Provisional Elementary certificate and the special certificate for teachers of educable mentally retarded children should follow the regular elementary pattern and complete the 37 hours in the latter major.

A student desiring both a high school Provisional Industrial Arts certificate and a certificate for teachers of the educable mentally retarded should follow Plan IV in Industrial Education and Technology.

A student with interest confined to junior high and/or high school teaching should select a major from the curriculum specifications which begin on page 92. Although it is not required for graduation, it is strongly recommended that a secondary candidate also select a certifiable minor area of study. Upon the successful completion of a major and graduation from the University, the student becomes eligible for: 1) an Ohio certificate to teach his major and his certifiable minor subjects in junior and senior high school; or 2) an Ohio Special Certificate to teach his major in the elementary and secondary school.

* Contingent upon availability of staff and courses.
Elementary Education Curriculum

The curriculum listed below leads to the Bachelor of Science in Education degree and a Provisional Certificate for teaching in the elementary grades.

First Year—Art 101 (3); Biology 101 or 104 (5); English 112 (4); Geography 121, 122 (6); Group II—geology, chemistry, physics (4); H.P.E. 100 (3); H.P.E. 109, 110 (5); History 151, 152, or 153 (4); Speech 102 (4); elective or minor (7).
Total: 45 hours.

Second Year—History 205, 206 (8); literature elective in English (4); Mathematics 241, 242 (9); Group II—geology, chemistry, physics* (4); Psychology 201 (5); Group III (3); electives or minor (12).
Total: 46 hours.

Third Year—Art 343 (3) or Industrial Education and Technology 316 (4); Education 302 (4); Education 351** (4); Education 352** (3); Education 353** (3); Education 355** (3); Education 356** (3); English 342 (5); P.E.R. 342 (3); Music 351, 352, 353 (6); Speech 423 (4); Group III—elect two from economics, sociology, political science or psychology beyond 201 (6).
Total: 47 hours.

Fourth Year—Education 381 (15); Education 402 (4); Education 408 (4); Education 409 (4); electives or minor (19).
Total: 46 hours.

No more than 9 hours of elective courses in professional education may be applied by an elementary major toward the minimum of 183 hours required for graduation unless permission is granted by the Program Advisement Office; exceptions to this are methods courses specifically required as a part of a second teaching field that has been declared by the student.

FIELDS OF STUDY

AMERICAN STUDIES. Major (meets high school certification in English, history, political science, or sociology, depending on the student's area of concentration—no minor required). The student must include in his program Art 457, 444 or 456; two courses from English 303, 304, 305; History 205, 206; Philosophy 101, 415; Political Science (8 hours from 301, 304, 331, 332, 341, 345, 346, 347, 416, 417, 418, 421, 422, 430, 440, 442); Sociology 101 and one course from 231, 311, 315, 316, 413, 418. A senior seminar of 4 hours (American Studies 400 or English 425) is required as well as additional courses in the area of concentration: English concentration—35 additional hours in English which must include English 301, 380, and 412 or 481/482, and Education 420 or a secondary reading methods course. History concentration—37 additional hours in history. Sociology concentration—22 additional hours in sociology. Political Science concentration—22 additional hours in political science. Electives in the field of specialization are selected with the approval of the major adviser; at least one-half of the major courses must be on the 300-400 level. Total: 74-91 hours.

ART. Major—no minor required—special certificate: see special curriculum, page 66.

Minor: First Year—Art 102, 103, 104, 112, 145, 146. Second Year—Art 205, 211, 245, 261. Third and Fourth Years—Art 371, 377. Total: 38 hours. Elementary education majors expecting to be certified to teach art at the elementary level must also take Art 352 and enough art electives to total 45 hours. Secondary education majors who desire to use art as a second teaching subject must also take Art 352 and 353 and enough art electives to total 45 hours.

ASIAN STUDIES. Major (meets high school certification in social studies): History 153, 280, 487, 486, 490, 491; Geography 121, 230, 344, 345; Political Science 101, 290, 366, 460; Economics 201, 202, 371; Sociology 231, 331, 412, 419; 10 hours of electives in social studies; English 162, 324; Philosophy 321, 322; Art 458, 459. Total: 112 hours. Electives should be chosen carefully in consultation with the student's adviser so that he can also meet certification requirements in history, geography, political science and/or sociology.

* Different physical science than first year.
** A student may enroll in only three of these required courses each quarter; however, all five must be completed prior to student teaching.
BIOLOGY. Major (meets high school certification): First Year—Biology 106, 107. Second Year—Biology 208, 213, and 251. Twenty-four additional hours must be selected to total 45 hours in biology. One course in organic chemistry is required. Biochemistry and physics are recommended. Total: 49-50 hours.

Minor (meets high school certification): First Year—106, 107. Second Year—Biology 208, 213, and 251. Nine hours of additional courses in biology are to be selected. One course in laboratory chemistry is required and one year is recommended. Total: 34-35 hours.

BUSINESS EDUCATION. Major—Comprehensive with shorthand (meets high school certification in business education and shorthand): First Year—Business Education 101. Second Year—Accounting 221, 222; Economics 200 or 201; Business Education 210*, 211, 220, 230, 240. Third Year—Business Education 311*, 312, 314, 321, 352, 354, 356, 358; Business Administration 303; Business Law 301; Marketing 300. Fourth Year—Business Education 335 or 455, 401, 462, 466; Marketing 340, 410, or 430. Total: 84 hours.

BUSINESS EDUCATION. Major—Comprehensive without shorthand (meets high school certification in business education): First Year—Business Education 101. Second Year—Accounting 221, 222; Economics 200 or 201; Business Education 210*, 211, 220, 230, 240. Third Year—Business Education 314, 321, 352, 354, 358; Business Administration 303; Business Law 301, 302; Marketing 300. Fourth Year—Business Education 335 or 455, 462, 466; Marketing 340, 410, or 430. Total: 75 hours.

BUSINESS EDUCATION. Minor—bookkeeping and basic business (meets high school certification in bookkeeping basic business): Accounting 221, 222; Business Education 240, 321, 352, 354; 7 hours of approved electives in accounting, business law, or economic geography. Total: 36 hours.

BUSINESS EDUCATION. Minor—sales communication (meets high school certification in sales communication): Second Year—Business Education 240. Third Year—Business Administration 303; Business Education 321, 364; Marketing 300, 340. Fourth Year—Marketing 430, 436. Approved elective in accounting, advertising, economic geography, office procedures, office machines or typing. Total: 34 hours.

BUSINESS EDUCATION. Minor—stenography and typing (meets high school certification in stenography and typing): Second Year—Business Education 210*, 211, 215*, 220. Third Year—Business Education 311, 312, 356, 358; Business Administration 303. Fourth Year—Business Education 335 or 455, 401. Total: 34 hours.

CHEMISTRY. Major (meets high school certification): First Year—Chemistry 121, 122, 123 or 131, 132, 133. Second Year—Chemistry 201 (for those having taken Chemistry 123). Third and Fourth Years—Chemistry 343, 344, 345; 352 or 431, 432; additional courses from Chemistry 307 or 445, 310, 321, 413, 433, 434, 435, 440, 460, 461. Total: 41 hours.


Minor (meets vocational certification in distributive education): Business Education 364, 461, 462, 463 or 465; Marketing 300, 340; select one—Marketing 430, 410, or 436. Total: 28 hours.

* A student with insufficient or no training in shorthand or typewriting must elect the beginning or intermediate course.

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**DRIVER EDUCATION.** (certification pattern only) Health and Physical Education 362 and 462.

**EARTH SCIENCE.** Major (meets high school certification in earth science):
- First Year—Geology 103, 104, 105. Second and Third Years—Geography 125, 213; Geology 210, 304, 305, 306. Fourth Year—Geology 493 and a geology elective. Total: 46 hours. Biology 101 and 104 are strongly recommended as are two courses in any combination from chemistry, physics, or mathematics.
- Minor (meets high school certification in earth science): Geology 103, 104, 105, 210, 304, and 305 or 306; Geography 125, 213. Total: 32 hours.

**ECONOMICS.** Major (meets high school certification):
- Second Year—Economics 200 or 201, 202, 301 (not required for students with credit in Mathematics 124 or 131). Third and Fourth Years—any two of the following three courses: Economics 302, 303, and 311. Electives in economics. Total: 44 hours. Students who plan to do graduate work in economics should include Economics 401 in their programs.
- Minor (meets high school certification): Second Year—Economics 200 or 201, 202, 301 (not required for students with credit in Mathematics 124 or 131). Third and Fourth Years—Economics 303 or 311. Electives in economics. Total: 32 hours.

**ELEMENTARY EDUCATION.** Major (meets elementary certification grades 1-8). No minor required, but a student is encouraged to take a sequence leading to a minor (see special curriculum, page 92.) Second Year—Mathematics 241, 242; Music 351, 352, 353 or 354. Third Year—Art 343; Education 351, 352, 353, 355, 356; English 342; Physical Education and Recreation 342. Total: 42 hours.

**ENGLISH.** Major (meets high school certification in English). Group I (all required): English 112; 202 or 205; 207 or 208 or 251; 301; 380; 412 or 481 or 482.

**ENVIRONMENTAL SCIENCE.** Major (meets high school certification in biology, general science, and health): Biology 101, 106, 107, 213, 321, 322, 332; Health 109, 110, 313, 348, 409, 470, 480, 446; Physics 100 or 110; Chemistry 111, 112, or Chemistry 121, 122, 123; Chemistry 306; Geology 421; select two—Physical Education 443, Home Economics 105, 207, 302; Biology 413, 421, Psychology 305; Computer Science 101 or Quantitative Analysis and Control 111; sociology. Total: 89-100 hours.

**FAMILY LIFE EDUCATION** (certification pattern only, high school comprehensive).
See Home Economics and Child Development and Family Relations curricula on page 95.


**GEOGRAPHY.** Major (meets high school certification in geography): First and Second Years—Geography 125, 126, 127. Third and Fourth Years—Geography
Upper division students may arrange a minor program with two free electives. Total: 36 hours.

**GERMAN.** Major (meets high school and special certification). Courses beyond German 202 which include German 317, 318, and 417. German 260 may not be counted toward the major. Total hours of German beyond 202 (or equivalent): 31 plus Education 373.

Minor (meets high school and special certification). At least 25 hours of German courses beyond German 202 and Education 373, including German 317, 318, and 417. German 260 may not be counted toward the minor. Total hours of German beyond 202: 25 hours.

**HEALTH.** Major (meets special certification K-12): Health 109, 110, 313, 348, 409, 470, 480, 346; Biology 331, 332; Sociology 101; Psychology 201; select any two courses from the following: Health 338, Physical Education 443, Health 446; Psychology 305. Home Economics 105, 207, 302; Biology 413. Total: 50-53 hours.

Minor (meets high school certification): Health 109, 110, 313, 348, 409, 470, 480; Biology 332; select any two courses from the following: Health 338, Physical Education 443, Health 446, Psychology 305, Home Economics 105, 207, 302, Biology 413. Total: 33-36 hours.

**HISTORY.** Major (meets high school certification): 16 hours chosen from History 151, 152, 153, 205, 206, 280; 32 additional hours, with at least 4 chosen from each of the three categories indicated below:


Minor: (non-certifiable) 16 hours chosen from History 151, 152, 153, 205, 206, 280; 16 additional hours, with at least 4 chosen from each of the three categories indicated for the major in history. Total: 32 hours.

**HOME ECONOMICS.** Major—no minor required: see special curriculum, page 00.

Minor. A student interested in obtaining a provisional high school teacher's certificate would need to complete professional education requirements in her/his major and the following additional course work: First Year—Home Economics 101, 102, 103, 105, 250 (16). Second Year—Home Economics 210, 211, 212 (9); Home Economics 205, 207 (8). Third Year—Home Economics 302, 303, 320, 321, 352 (18). Fourth Year—Home Economics 405 (5). Total: 56 hours.


Certification in Work Experience (Occupational Work Adjustment and Occupational Work Experience): Second Year—COED 201, practicum in OWA/OWE.

Fourth Year—Education 412, Business Education 462.

**INDUSTRIAL EDUCATION AND TECHNOLOGY** Major—no minor required.

Special teaching certificate (Plan I-II), provisional high school certificate (Plans III-IV). Dual major with special education (Plan IV).


* Upper division students may arrange a minor program with 300 and 400 level. 95

INTERNATIONAL STUDIES. Major (meets high school certification in social studies providing student fulfills those requirements as outlined under Social Studies Comprehensive Major): History 153; 205, 206 or 437, 438; 453, 454; Economics 201, 202, 351; Political Science 201, 301, 371, 372; Geography 230 or 121, 122, 452; Sociology 101, 202, 231; 20 hours of specialization in either international law and government or a foreign area—East and South Asia, Latin America, Middle East and North America, Soviet Union, Sub-Saharan Africa, Western Europe, or other approved areas; nine hours of a modern language beyond courses numbered 202. Total: 99 hours.

This interdepartmental program is for the student interested in a career in international affairs; the electives in the field of specialization are selected with the approval of the major adviser.

ITALIAN. Minor (meets high school and special certification). Italian 351, 352, 361, 362, 371, 372, and electives beyond 202 to total a minimum of 25 hours, plus Education 373.

JOURNALISM. Major (meets high school certification): First Year—Journalism 103, 107. Second Year—Journalism 203, 204, 211. Third and Fourth Years—Journalism 302, 310, 312, 315, 402, 414, one elective in journalism. Total: 46 hours.

Minor (meets high school certification): First Year—Journalism 103. Second Year—Journalism 203, 204, 211. Third and Fourth Years—Journalism 302, 402, 414, one elective in journalism. Total: 30 hours. Modification permissible with consent of departments concerned.

LATIN. Major (meets high school certification): 32 hours beyond Latin 202 and Education 373. Up to seven hours may be taken from 480, 481, 485, 486.

Minor (meets high school certification): 20 hours beyond Latin 202 and Education 373.

LATIN AMERICAN STUDIES. Major (meets high school certification in social studies providing the student fulfills those requirements as outlined under Social Studies Comprehensive Major): History 151, 152, 153, 205, 206, 409, 410, 411, 412; Geography 121, 122, 348, 349; Political Science—select two from Political Science 101, 201, 202; Political Science 355, 456, 477, 401; Economics 200 or 201; Sociology 101, 231; six hours of social science electives; Spanish 201, 202, 363, 373, 481 or 482, 483. Total: 112 hours.


Minor (meets high school and elementary certification in educational media): Library and Educational Media 203, 350, 403, 407, 408, 428. Select one course from this group: Library and Educational Media 342*, 401, 404, 405, 411, 420**, 421*, 430 (427), 442*, 490, 491***. Total: 30 hours.


Computer Science 101; Mathematics 334, 337, 403, 441, 421, 465, 466 are recommended for a strong program.

* Not open to student with credit for English 342, 421, 442.

** Not open to student with credit for Education 420, 355.

*** Only for a student not taking student teaching.
MUSIC. Major. See Bachelor of Music program, pages 112-113.

MUSIC. Minor. Elementary education leading to a provisional special teaching certificate for the elementary level only: Music 107-108-109, 201-202-203, 305, 255; 3 hours of applied music—class or private piano and/or voice; 2 hours of large ensembles. Open only to elementary education majors. Total: 35 hours.


Minor. Secondary vocal leading to a provisional special teaching certificate for the high school level only: First Year—Music 107-108-109; 2 hours in applied music in piano or voice or both. Second Year—Music 201-202-203, 204-205-206, 305, 218-319, 255. Third and Fourth Years—Music 355, 400. Total: 52 hours.

PHYSICAL EDUCATION—MEN. Major (meets special certification K-12): Health and Physical Education 101, 102, 103, 105, 107, 163, 164, 170, 261-270 (6-12 hours), 302, 303, 307, 310, 352, 409, 412; PER 137, 138, 254; Biology 331, 332; plus six hours from any two or more of the following: Health and Physical Education 110, 313, 364, 365, 366, 367, 368, 329, 330, 355, 332, 341, 443, 461, PER 432. Total: 69-75 hours.

Minor (meets high school certification): Health and Physical Education 107, 261-270 (select any two), 302, 310, 352, 329-332 (select one), 412; plus six hours from any two or more of the following: Health and Physical Education 105, 109, 110, 163, 164, 170, 313, 364, 365, 366, 367, 368, 409, 431, 443, 461, PER 432. Total: 35-38 hours.

PHYSICAL EDUCATION—MEN AND WOMEN. See special curriculum on page 105 for Plan I—Elementary School Physical Education Concentration.


PHYSICS. Major (meets high school certification for physics and an integrated physical science course): select either Group I or Group II. Group I—Physics 131, 232, 233, 334, 313, eight hours of 300-400 level physics electives; Chemistry 131 or 121; Chemistry 132 or 122. Group II—Physics 110, 211, 212, 213, 313, twelve hours of 300-400 level physics electives; Chemistry 131 or 121; Chemistry 132 or 122. Total: 40 hours.

Minor (meets high school certification for physics and an integrated physical science course): Select either Group I or Group II. Group I—Physics 131, 232, 233, 334, 313, four hours of 300-400 level physics electives; Chemistry 131 or 121. Group II—Physics 110, 211, 212, 313, twelve hours of 300-400 level physics electives; Chemistry 131 or 121. Total: 31 hours.

POLITICAL SCIENCE. Major (meets high school certification): Political Science 201 and 202 plus 36 additional elective hours in junior-senior political science courses. The program must include at least one course from each of the following areas: comparative political systems, American constitutional law, American state governments and politics, urban government and politics, international politics, and political parties, pressure groups and public opinion. Total: 44 hours minimum.

Minor (meets high school certification): Political Science 201 and 202 plus 22 additional elective hours in political science. The program must include at least one course from each of the following areas: comparative political systems, American constitutional law, American state governments and politics, urban government and politics, international politics, and political parties, pressure groups, and public opinion. Total: 30 hours minimum.

PSYCHOLOGY. Major (meets high school certification in social psychology pending State Department approval): First Year—Psychology 201. Second Year—Psychology 270, 271, 290. Third Year—two laboratory courses selected from Psychology 320, 321, 322, 330, 331, 340; Psychology 303 or 304; Psychology 311 and 312; appropriate methods course. Fourth Year—Psychology 460; three 400-level psychology courses, including 403 and 405. Total: 50 hours.
Minor (meets high school certification in social psychology pending State Department approval): Second Year—Psychology 201, 270, 271, 290. Third Year—one laboratory course selected from Psychology 320, 321, 322, 330, 331, 340; Psychology 311; one course selected from Psychology 303 or 304, 305, 403; appropriate methods course. Fourth Year—Psychology 460, 405. Total: 40-41 hours.


RUSSIAN. Major (meets high school and special certification): at least 31 hours of Russian courses beyond 202, which must include Russian 317, 318, 319, and 433; Education 373. Total: 35 hours.

Minor (meets high school and special certification): at least 25 hours of Russian courses beyond Russian 202 and Education 373, including Russian 317 and 318. Total hours of Russian beyond 202: 25 hours.

SCIENCE COMPREHENSIVE. Major (meets high school certification for teaching all science subjects): First and Second Years—Geology 103, 104, 105, 110, 210; Geography 125, 213; Biology 106, 107; select either Chemistry 121, 122, 123, or Chemistry 131, 132, 133; select either Physics 110, 211, 212, 213, or Physics 131, 232, 233, 334. Third and Fourth Years—select two courses from this group: Geology 304, 306, 418, 412; elect 18-23 hours in biology, chemistry, or physics. Minimum total: 90 hours.

Minor (meets high school certification for general science): Physics 110 or 131; Biology 106, 107; Physics 211, 212, 213 or Physics 232, 233, 334; Chemistry 121, 122, 123 or Chemistry 131, 132, 133; Geology 103, 104. Total: 44-48 hours.

SOCIAL STUDIES. Major (meets high school certification in social studies): each major must complete a first endorsement of 30 hours in one of the following areas: history, political science, sociology, geography, or economics. He can then choose second endorsements of 18-20 hours in the following areas: political science, sociology, geography, and economics. Upon graduation, the student is certified to teach his first endorsement of 30 hours and any second endorsements of 18-20 hours. Total: 90 hours in the social sciences which include anthropology, history, economics, political science, sociology, and geography. It is strongly recommended that each student consult the social studies comprehensive adviser in the Program Advisement Office.

SOCIOMETRY. Minor (meets high school certification): Sociology 101; 8-10 hours from Sociology 301, 311, 315, 317, 352, 413, 415, 416; 8-10 hours from Sociology 202, 316, 341, 412, 413, 418, 419, 441, 442; 8-10 hours from Sociology 361, Home Economics 105*, 302*, 320, 321, 405, 406, 407, Health and Physical Education 338.

SPANISH. Major (meets high school and special certification): Spanish 351, 352, 361, 362 or 363, 371, 373, electives beyond Spanish 202, including at least four 400-level Spanish courses. Total hours of Spanish beyond 202: 36 plus Education 373.

Minor (meets high school and special certification): Spanish 351, 352, 361, 362 or 363, 371, 373, electives beyond Spanish 202, including at least one 400-level Spanish course. Total hours of Spanish beyond 202: 25 plus Education 373.

SPEECH. Major (meets high school certification): each major must take Speech 102, 103, 145, 201, 202, 203, 223, 341, 360, either 262 or 363. He then elects, in consultation with his adviser, a minimum of 18 additional hours in theatre, rhetoric-communication, radio-television-film, or a combination of at least two of these areas. Total: 57 hours.

Minor (meets high school certification). Speech and drama: Speech 102, 103, 145, 202, 203, 241, 243, 341, 351, 360 or 466, 262 or 363; 423. Total: 46-47 hours.

Speech and Hearing Therapy Major. See curriculum, page 107. Information concerning a double major sequence in speech and English is available in the Departmental offices of Speech and English.

* Both courses are recommended, but only one may be included as part of the minor. Total: 30 hours minimum.
TEACHERS OF DEAF AND HARD-OF-HEARING CHILDREN. Major—no minor required: see special curriculum, page 108.

TEACHERS OF CHILDREN WITH LEARNING DISABILITIES AND/OR BEHAVIORAL DISORDERS. Dual major with elementary education. No minor required. Education 302, 351, 352, 353, 355, 356, 438, 431, 443, 451, 453, 454; Psychology 305, 405, 460 or Education 402; dual major may be pursued with teaching educable mentally retarded by substituting Education 433, 434, 435, 436, 437 for Education 351, 352, 353, 355, 356. Total: 55 or 59 hours. (Psychology 270 must be taken if student selects Psychology 460). See special curriculum, page 108.

TEACHERS OF CHILDREN WITH LEARNING DISABILITIES AND/OR BEHAVIORAL DISORDERS. Dual major with elementary education. No minor required. Education 302, 351, 352, 353, 355, 356, 438, 431, 443, 451, 453, 454; Psychology 305, 405, 460 or Education 402; dual major may be pursued with teaching educable mentally retarded by substituting Education 433, 434, 435, 436, 437 for Education 351, 352, 353, 355, 356. Total: 55 or 59 hours. (Psychology 270 must be taken if student selects Psychology 460). See special curriculum, page 108.


WORK EXPERIENCE. Certification pattern only (meets certification in occupational work experience and occupational work adjustment pending State Department approval): open only to majors or minors in business education, educable mentally retarded, home economics, or industrial education. See appropriate adviser. Required methods sequence in the major area. Student teaching in the work experience area. College of Education 201, Education 412, Business Education 462. Equivalent of one year of gainful employment in business or industry.

CURRICULA

Art (Public School) Curriculum*

This curriculum meets special teaching certification in Visual Art K-12.

First Year—Art 102 (5); Art 103, 104 (6); Art 112 (3); Art 145, 146 (6); English 112 (4); Speech 102 (4); Group II (6-8); Group III (6-8); H.P.E. 100 (3). Total: 43-47 hours.

Second Year—Art 205 (3); Art 245 (3); Art 211, 212, 213 (9); Art 261, 361 (6); Art 263, 321 (6); English literature (4); Psychology 201 (5); Group III (3); minor or electives (3); Group II (3-4). Total: 45-46 hours.

Third Year—Art 371 (3); Art 373 (3); Art 372 or 374 (3); Art 377, 378 (6); art electives—crafts (6); art elective (3); Art 352, 353 (6); Education 302 (4); group selection or minor (3-4); Group II (4-5); Group III (3-4). Total: 44-46 hours.

Fourth Year—art history elective (3); Group III (3-4); Education 402, 408 (8); Education 331 (15); Education 409 (4); group selection or minor (6); electives (6). Total: 45-46 hours.

Home Economics Curriculum

Plan I. Home Economics Curriculum in Education

The work outlined below qualifies a student to teach home economics in middle and junior and senior high schools. It prepares for a professional vocational home economics certificate for Ohio. A student interested in cooperative extension work also may follow this curriculum.

First Year—Art 101 (3); Chemistry 111, 112, 213† (12); English 112 (4); HPE 100 (3); Home Economics 101, 102, 103, 105 (14); science or mathematics elective (5); Speech 102 (4); group selections (3). Total: 48 hours.

Second Year—Economics 200 (4); Home Economics 203, 205, 210, 211, 212, 250 (19); literature elective (4); Psychology 201 (5); Sociology 101 (4); group selections (7); and electives (5). Total: 48 hours.

* See page 66 for information concerning Bachelor of Fine Arts curriculum.
† A student interested in specializing in textiles or nutrition should take Chemistry 306.
Third Year—Home Economics 303, 307, 311, 320, 321, 322, 352, 353, (29); Education 302, 402 (8); child and family elective (3); electives (6). Total: 46 hours.

Fourth Year—Education 331 (15); Education 408 or 409 (4); Home Economics 405, 406** (9); group selections (3); electives (12). Total: 43 hours.

CERTIFICATION IN JOB TRAINING ON HOME ECONOMICS EDUCATION BASE

A home economics education major with the above (Plan I) program can prepare for an additional certificate to teach job training in secondary vocational programs by completing the following additional course work:

Child Care Services—Job Training. Field Experience HE 289 (2); Education 431 (4); English 342 (3); Physical Education and Recreation 342 (3); Quantitative Analysis and Control 325 (4); Home Economics 120, 302, 323, 421, 422, 423 (19). Total: 35 hours.

Community and Home Services—Job Training. Field Experience HE 289 (2); Biology 413 (5); HPE 109 (3); Home Economics 206, 331, 332, 333 (13); Management 305 (4); Nursing 200 (4). Total: 31 hours.

Fabric Services—Job Training. Field Experience HE 289 (2); Art 103 (3); Home Economics 304 (3), 490 (4); Industrial Education and Technology 152, 289 (7); Quantitative Analysis and Control 325 (4). Total: 23 hours.

Food Services—Job Training. Field Experience HE 289 (2); Biology 413 (5); Home Economics 206, 331, 332, 333, 431 (17); Industrial Education and Technology 301 (5); Management 305 or Quantitative Analysis and Control 325 (4). Total: 33 hours.

Multi-area—Job Training. Field Experience HE 289 (2). Total: 2 hours.

CERTIFICATION IN FAMILY LIFE EDUCATION ON HOME ECONOMICS BASE

A home economics education major completing courses required for a secondary vocational certificate in homemaking and consumer education may also prepare for a secondary family life certificate by completing the following course work. With careful planning and a wise choice of electives the courses may be programmed within the 185 hours. Special arrangement may be necessary for student teaching. Consult with an adviser. The additional courses required are: Biology 104, 331 (10); HPE 109, 110, 204, 313, 338, 409 (19); Home Economics 120, 302, 407, 107 or 408 (16); and Psychology 303, 301 or 311 (6). Total: 51 hours.

CERTIFICATION IN FAMILY LIFE EDUCATION ON CHILD AND FAMILY DEVELOPMENT MAJOR BASE

A child and family development major completing courses required for the major may also prepare for a secondary family life certificate by completing the following courses below. Consult an adviser. Essential field experience is provided either through a cooperative program with Merrill-Palmer Institute or locally with a variety of cooperating agencies dealing with individuals and families. Additional courses required are: Biology 331 or 303 or 406 (4); Home Economics 200 (4); Education 331 (15); Home Economics 103 or 303 or 406 (4); Home Economics 250, 352, 405 or BE 240 (10-11); HPE 109, 110, 204, 313, 338, 409 (19); and Psychology 303, 301 or 311 (6). Total: 63 or 64 hours.

CURRICULUM IN FOODS AND NUTRITION FOR TEACHING AT COMMUNITY AND TECHNICAL COLLEGE LEVELS

The following curriculum is designed for students interested in obtaining background for foods and nutrition research or specialist, or for those interested in teaching in an accredited technical or community college. It is recommended that students immediately pursue a master’s degree in foods and nutrition.

First Year—Biology 104 (5); Chemistry 121, 122, 123* (15); Economics 200 (4); English 112 (4); Home Economics 210 (3); HPE 100 (3); Mathematics 124 (5); Speech 102 (4); and elective (3). Total: 46 hours.

* Chemistry 111, 112 would substitute for 121, 122, 123, but is not recommended.
** Home Economics 206 may be substituted; consult an adviser.
Second Year—Chemistry 306, 307 (10); Education 302 (4); Home Economics 205, 206, 211, 212 (14); literature elective (4); Psychology 201 (5); Quantitative Analysis and Control 325 (4); Sociology 101 (3); and electives (2). Total: 46 hours.

Third Year—Home Economics 307, 320, 321, 331, 332, 333, 352, 353 (27); Industrial Education and Technology 301, 470 (9); and Management 305, 354 (8). Total: 44 hours.

Fourth Year—Biology 413 (5); Education 331, 402, 408 or 409 (23); Home Economics 301, 421 (6); and electives (12). Total: 46 hours.

Plan II. Curriculum in Foods and Nutrition—Dietetics

A student who completes the course work outlined below will qualify for internship in an American Dietetic Association approved program and for national registration and membership in that association after completion of an internship. This curriculum leads to a Bachelor of Science in Technology degree.

First Year—Biology 104 (5); Chemistry 121, 122, 123* (15); Economics 200 (4); English 112 (4); Home Economics 210 (3); HPE 100 (3); Mathematics 124** (5); Speech 102 (4); and elective (3). Total: 46 hours.

Second Year—Chemistry 306, 307 (10); Education 302 (4); Home Economics 205, 206, 211, 212 (14); literature elective (4); Psychology 201 (5); Quantitative Analysis and Control 325 (4); Sociology 101 (4); and electives (2). Total: 47 hours.

Third Year—Biology 331, 332 (10); Home Economics 307, 331, 332, 333, 320, 321 (20); Industrial Education and Technology 301 (5); Management 305, 354 (8); and electives (3). Total: 46 hours.

Fourth Year—Biology 413 (5); Home Economics 405, 431, 432, 433, 434, 435 (25); Home Economics 489—internship (5); group selections (4); and electives (6). Total: 45 hours.

At least 10 hours of field experience are required in addition to the 183 hours for graduation for a coordinated internship (see HE 289, 389, 489).

CURRICULUM IN FOODS AND NUTRITION—MANAGEMENT IN FOOD SERVICE INDUSTRY

A student who completes the program described below is qualified to work in food production, sales, and service in institutions or restaurants at the management level. The flexibility of this curriculum would permit the student to strengthen existing competencies in food science, food sales, and service. Industrial experience is gained through supervised field experience in cooperation with student employment in a job related to the goals of the student.

First Year—Biology 104 (5); Chemistry 111, 112, 113 (12); Economics 200 (4); English 112 (4); Home Economics 210 (3); HPE 100 (3); Mathematics 124 (5); Speech 102 (4); and group selections (6). Total: 46 hours.

Second Year—Business Administration 102 (4); Home Economics 205, 206, 211, 212 (14); child and family elective (3); Industrial Education and Technology 301 (5); literature elective (4); Psychology 201 (5); Quantitative Analysis and Control 325 (4); Sociology 101 (3); group selections (5). Total: 47 hours.

Third Year—Biology 331, 332 (10); Business Administration 303 (4); Home Economics 307, 331, 332, 333 (14); Speech 312 (4); Management 305, 354 (8); group selections (5). Total: 45 hours.

Fourth Year—Biology 413 (5); Home Economics 431, 433 (9); Home Economics 480—seminar (3); Quantitative Analysis and Control 331, 332 (8); electives (20). Total: 45 hours.

Field Experience 289, 389, 489 is suggested for industrial experience.

* Chemistry 111, 112 would substitute for 121, 122, 123, but is not recommended.
** Other mathematics courses may be substituted.
Plan III. Curriculum in Child and Family Development

An emphasis in this major may be either child development or family relationships. Human development and social relationships are studied. The overall life span and the family life cycle are considered. Practical experience in the nursery school and facilities in Merrill-Palmer Institute and facilities in the community provide opportunities for supervised observation and experience with the various aspects of human development from infancy through old age.

Careers in these fields are: teaching in nursery schools and/or day care centers, teaching family life education at the secondary level, work in government Headstart programs and community social services; work with youth groups, retirement homes, nursing homes, and in vocations where a knowledge of human relationships is required. Foundation for graduate study and for professional careers where additional work is required is provided: e.g., child and family counseling, and administration of programs for families and children. For suggested courses follow the work outline below:

First Year—Art 101 (3); Biology 104 (5); English 112 (4); Home Economics 120, 323, 325 (14); HPE 100 (3); Sociology 101 (4); Speech 102 (4); and science and mathematics electives (9). Total: 46 hours.

Second Year—English 342 (5); Home Economics 205, 207, 320, 321 (21); IET 313 (4); Psychology 201 (5); social sciences electives (8); and electives (3). Total: 45 hours.

Third Year—Education 302, 402 (8); Home Economics 302, 322 A and B, 109 or 408, 435, (15); Speech 340 (4); and electives (18). Total: 45 hours.

Fourth Year—Education 408 (4); Home Economics 407, 421, 422, 423, 490 (20); and electives (22*). Total: 46 hours.

CERTIFICATE IN CHILD CARE SERVICES ON CHILD AND FAMILY BASE—JOB TRAINING

A child and family development major can prepare for a job training certificate in child care services by completing the following course work as a part of the child and family major or in addition to courses taken to fulfill that program.

Field Experience 289 (2); Home Economics 250, 352, 353 (9); Education 331, 431 (19); Physical Education and Recreation 342 (3); and Quantitative Analysis and Control 325 (4). Total: 37 hours.

MINOR—CHILD AND FAMILY

First Year—Home Economics 105, 120 (7); English 342 (5); Second Year—Home Economics 205, 207, 320 (11); Third Year—Home Economics 302, 321, 322 (10); Industrial Education and Technology 313 (4); Speech 340 (4); Fourth Year—Home Economics 322 (repeated) (3); Home Economics 421, 423 (6). Total: 50 hours.

Industrial Education and Technology

Four teacher preparation curricula leading to the Bachelor of Science in Education and one curriculum leading to the Bachelor of Science in Technology are offered in two divisions of the Department.

Plan 1. Industrial Arts Education

Division of Industrial and Technical Teacher Education

A student who completes the work outlined below is qualified to teach industrial education in elementary, middle, and junior and senior high schools and receives an Ohio Provisional Special Certificate in the field.

First Year—English 112 (4); H.P.E. 100 (3); Physics 100 (4); Speech 102 (4); Chemistry 100 (4); group selections (4); Industrial Education and Technology 104, 113, 114 (12); Industrial Education and Technology 121, 191 (9); Industrial Education and Technology 152 (2). Total: 46 hours.

* Add HE 382 if preschool “student teaching” experience is required for certification in another state. (None is required for Ohio).
Second Year—English literature (4); Psychology 201 (5); group selections (11); COED 201 (3); Industrial Education and Technology 208, 214, 235, 291 (16); Industrial Education and Technology 252 (3). Total: 45 hours.

Third Year—Economics 200 or 201 (4); Education 302—may be completed after completion of Psychology 201 (4); group selections (11); Industrial Education and Technology 288, 316 (6); Industrial Education and Technology 352 (3); industrial education and technology concentration (14); industrial education and technology electives (7). Total: 49 hours.

Fourth Year—Education 402 (4); Education 408 (4); Education 409 (4); Education 331 (15); Industrial Education and Technology 449—recommended to be completed after student teaching (3); industrial education and technology concentration (10); industrial education and technology electives (3). Total: 43 hours.

Plan II. Vocational-Industrial Division of Industrial and Technical Teacher Education

The work outlined below qualifies a student to teach pre-vocational subjects and aspects of vocational subjects for which he has industrial experience combined with an undergraduate concentration. Industrial experience is gained through the University-sponsored industrial internship program. Subject to the approval of the Ohio Department of Education, a student receives the temporary certificate as a trade technology instructor in the area of concentration. He also may qualify for the Provisional High School and/or the Provisional Special Certificate in industrial education and may qualify as a coordinator of a cooperative education program.

First Year—English 112 (4); H.P.E. 100 (3); Physics 100 (4); Speech 102 (4); group selections (3); Chemistry 100 (4); Industrial Education and Technology 104, 113, 114 (12); Industrial Education and Technology 121, 191 (9); Industrial Education and Technology 132 (2). Total: 45 hours.

Second Year—English literature (4); Psychology 201 (5); group selections (11); COED 201 (3); Industrial Education and Technology 208, 214, 235, 291 (16); Industrial Education and Technology 252 (3); Industrial Education and Technology 289 (5). Total: 47 hours.

Third Year—Education 302—may be completed after the completion of Psychology 201 (4); Economics 200 or 201 (4); Industrial Education and Technology 288, 352 (5); Industrial Education and Technology 389 (5); industrial education and technology concentration (12); industrial education and technology electives (11). Total: 41 hours.

Fourth Year—Education 402 (4); Education 408 (4); Education 409 (4); Education 331 (15); Industrial Education and Technology 449—recommended to be completed after student teaching (3); Industrial Education and Technology 470 (3); Industrial Education and Technology 389 (5); industrial education and technology concentration (12). Total: 50 hours.

Plan III. Technical College Education Division of Industrial and Technical Education

The work outlined below qualifies the student to teach in post-high school institutions. An undergraduate concentration and industrial experience gained through a University-sponsored industrial internship program contribute to individual qualifications.

Upon completion of the program, a student may qualify for the Provisional High School Certificate in industrial education and also may qualify as a coordinator of a cooperative education program.

It is strongly recommended that upon his completion of the bachelor’s degree requirements that a student immediately pursue a Master of Education program which combines post-high school level teaching and graduate work.

First Year—chemistry elective (4); English 112 (4); H.P.E. 100 (3); mathematics electives selected from Industrial Education and Technology 121 or Mathematics 124, 131, 231 (10); Physics 110 (3); Speech 102 (4); Industrial Education and Technology 104, 113, 114 (12); Industrial Education and Technology 152 (2); Industrial Education and Technology 191 (4). Total: 46 hours.
Second Year—English literature (4); physics sequence (4); Psychology 201 (5); COED 201 (3); Industrial Education and Technology 243 (4); Industrial Education and Technology 204, 208, 214 (13); Industrial Education and Technology 235, 291 (8); Industrial Education and Technology 252, 289 (8). Total: 49 hours.

Third Year—Economics 200 or 201 (4); physics sequence (4); Education 302—may be taken anytime after the completion of Psychology 201 (4); group selections (10); Industrial Education and Technology 288 (2); Industrial Education and Technology 352 (3); Industrial Education and Technology 389 (5); industrial education and technology concentration (16). Total: 48 hours.

Fourth Year—Education 402 (4); Education 408 (4); Education 409 (4); Education 331 (15); Industrial Education and Technology 389 (5); Industrial Education and Technology 449—recommended to be completed after student teaching (3); industrial education and technology concentration (8). Total: 43 hours.

Plan IV. Industrial Arts and Special Education
Division of Industrial and Technical Teacher Education

This is a dual major. The student completing the work outlined below will be qualified for Ohio certification in two areas: Industrial Arts (High School Provisional Certificate) and Special Education (Educable Mentally Retarded-Provisional).
Qualifications for a coordinator of a cooperative education program may also be met.

First Year—English 112 (4); H.P.E. 100 (3); Physics 100 or 110 (4); Speech 102 (4); Chemistry 100 or 111 (4); group selections (6); Industrial Education and Technology 104, 113, 114 (12); Industrial Education and Technology 121, 191 (9); Industrial Education and Technology 152 (2). Total: 48 hours.

Second Year—English literature (4); Psychology 201 (5); group selections (14); COED 201 (3); Industrial Education and Technology 208, 214, 235, 291 (16); Industrial Education and Technology 252 (3). Total: 45 hours.

Third Year—Economics 200 or 201 (4); Education 302—may be completed after completion of Psychology 201 (4); electives (3); Industrial Education and Technology 288 (2); Industrial Education and Technology 316 (4); Industrial Education and Technology 352 (3); Education 431, 433, 434, 435 (16); industrial education and technology electives (8). Total: 44 hours.

Fourth Year—Education 402 (4); Education 408 (4); Education 409 (4); Education 331 (15); Industrial Education and Technology 449—recommended to be completed after student teaching (3); Education 436, 451 (8); Industrial Education and Technology 470 or Education 437 (4); industrial education and technology electives (4). Total: 46 hours.

Industrial Technology
Division of Technology

For the student interested in application of arts and sciences to the technologies of industry. Career opportunities exist in a growing area of service which interfaces engineering and business administration. Emphasis is placed on technical processes and personnel leadership with such employment classifications as: construction supervision, production management, technical sales, product design, quality control, technical service, cost analysis, and systems analysis. These classifications are used in every segment of our enterprise system including the automotive, construction, environmental control, communications, glass and plastics industries. The University's geographical location is such that excellent cooperation exists with companies and government agencies requiring well prepared individuals in industrial technology.

Technical areas of concentrated study include: construction, design and drafting, electronics, energy and power, graphic communications, and machine and materials processing.
A unique strength of this curriculum is flexibility. Once the first two years of studies are completed, an individual program is designed using courses from the areas of concentration listed above, management, marketing, the physical sciences, communications, and the humanities. Industrial experience is gained through the university-sponsored industrial internship program.
First Year—Art 112 (3); English 112 (4); H.P.E. 100 (3); Industrial Education and Technology 104, 113, 114, 152, 191 (18); Speech 102 (4); chemistry elective (4); elective in accounting or business administration (4); select from Industrial Education and Technology 121 or Mathematics 124, 125, 131, 231 (10). Total: 50 hours.

Second Year—English literature (4); Industrial Education and Technology 204, 208, 214, 233, 243, 291 (25); Computer Science 101 (4); select from college or university physics sequence (12-15); Industrial Education and Technology 289 (5). Total: 50-53 hours.

Third Year—Statistics 111, 212 (8); Economics 200 (4); Management 305 (4); Psychology 201 (5); Speech 312 (4); Industrial Education and Technology 389 (5); select from area of concentration (12). Total: 42 hours.

Fourth Year—Psychology 352 (3); Sociology 101 (4); electives in computer science, business administration, management, marketing and accounting (8); electives in social or behavioral science (6); Industrial Education and Technology 389—repeated—(5); area of concentration (15). Total: 41 hours.

Courses For Industrial Technology Concentrations


Design and Drafting—select from Industrial Education and Technology 301, 304, 305, 450, 452, 455, 490; Art 211, 212, 213; Computer Science 102; Geography 321.

Electronics and Instrumentation—select from Industrial Education and Technology 347, 348, 391, 453, 458, 490; Computer Science 203, 307, 410, 411; Physics 307, 308.


Graphic Communications—select from Industrial Education and Technology 305, 308, 309, 381, 456, 460; Art 377, 378, 477; Computer Science 102; Journalism 307, 310.

Machine and Materials Processing—select from Industrial Education and Technology 311, 321, 323, 331, 361, 451, 458, 459, 461, 463, 490; Management 353, 450; Quantitative Analysis and Control 325; Computer Science 102.

General Technology—select from 300- and 400-level Industrial Education and Technology courses.

Upper Divisional Curriculum for Transfer Students

Industrial Technology — Division of Technology

For the student having an associate degree in engineering or related technologies from a Board of Regents or regionally accredited institution. Career objectives are as described above under Industrial Technology.

Junior Year—computer science elective (4); Statistics 111, 212 (8); electives (4); industrial education and technology electives (4); management electives by advisement; Speech 312 (4); social or behavioral science (4); Industrial Education and Technology 304, 323, 389, 391 (17). Total: 45 hours.

Senior Year—Psychology 352 (3); social or behavioral science elective (4); electives in management, marketing, business administration or quantitative analysis and control (8); free elective (8); industrial education and technology elective (8); Industrial Education and Technology 311, 335, 389, 490 (17). Total: 48 hours.

Physical Education Curriculum (Men and Women)

Plan I. Elementary School Physical Education Concentration

A student who completes the course study outlined for Plan I will receive an Ohio Provisional Special Certificate in physical education and will be certified to teach physical education in the elementary, middle, junior and senior high schools but will have concentrated specifically for the elementary and middle schools.
First Year—English 112 (4); Biology 104 (5); Physical Education and Recreation 128 (2), 138 (2), 137 (2), 164 (4); physical education and activity courses as needed to fulfill competencies (5); Health and Physical Education 109 (3); Psychology 201 (5); Group I electives (4); Group III electives (7); Group IV electives (7). Total: 50 hours.

Second Year—Biology 331, 332 (10); Speech 102 (4); Physical Education and Recreation 333 (2), 238 (2), 237 (2); physical education and recreation activity courses as needed to fulfill competencies (3); Physical Education and Recreation 320 (5), 313 (3); Education 302 (4); Group III electives (4); Group IV electives (3); electives (5). Total: 47 hours.

Third Year—Physical Education and Recreation 332 (8), 340 (4), 428 (8); physical education and recreation activity courses as needed to fulfill competencies (4); Physical Education and Recreation 433 (3), 402 (4); Group III elective (4); electives (11) with Education 342 suggested as part of the electives. Total: 47 hours.

Fourth Year—Physical Education and Recreation 458 (4), 438 (3); Education 408 (4), 409 (4), 331 (15); electives (9). Total: 39 hours.

Physical Education Curriculum (Women)

Plan II. Secondary School Physical Education Concentration

A student who completes the course of study outlined for Plan II will receive an Ohio Provisional Special Certificate in physical education and will be certified to teach physical education in the elementary, middle, junior and senior high schools.

First Year—English 112 (4); Biology 104 (5); Physical Education and Recreation 128 (2), 138 (2), 137 (2), 164 (4); physical education and recreation activity courses as needed to fulfill competencies (6); Group III (7); Group IV (3); electives or minor (10). Total: 45 hours.

Second Year—Biology 331, 332 (10); Speech 102 (4); Physical Education and Recreation 247 (3), 254 (3); physical education and recreation activity courses as needed to fulfill competencies (6); Psychology 201 (5); Education 302 (4); English literature course (4); Group III (4); elective or minor (4). Total: 47 hours.

Third Year—Physical Education and Recreation 320 (5), 350 (4), 372 (4), 313 (3), 363 (2), 360 (4), 356 (4); physical education and recreation activity courses as needed to fulfill competencies (3); Health and Physical Education 480 (3); Education 408 (4); Group III (3); electives or minor (9). Total: 48 hours.

Fourth Year—Physical Education and Recreation 402 (4), 412 (4), 433 (4), 458 (3), 490 (3); Education 409 (4), 331 (15); electives or minor (11). Total: 48 hours.

Recreation Curriculum (Men and Women)

Plan I. Recreation Administration Concentration

A student chooses an area of concentration.

First Year—Physical Education and Recreation 186; Physical Education and Recreation 204; Physical Education and Recreation 178; courses to meet minimum hour requirements in activity-oriented specialties, (physical education, fine arts), communications, sociology, environment related sciences; electives. Total: 45 hours minimum.

Second Year—Physical Education and Recreation 384; Physical Education and Recreation 288; Physical Education and Recreation 313; courses to meet minimum hour requirements in activity-oriented specialties, (physical education, fine arts), communications, sociology, environment related sciences, managerial area, psychology; electives. Total: 45 hours minimum.

Third Year—Management 305; Physical Education and Recreation 288; courses to meet minimum hour requirements in activity-oriented specialties, (physical education, fine arts), communications, environment related sciences, managerial area, recreation facilities, electives. Total: 45 hours minimum.

Fourth Year—Physical Education and Recreation 484; Physical Education and Recreation 288; courses to meet minimum hour requirements in activity-oriented specialties (physical education, fine arts), and communications, managerial area, psychology; electives. Total: 45 hours minimum.
This area of the recreation major requires the named courses plus minimum hours in certain fields as follows: communication: 20 hours; sociology: 12 hours; psychology: 12 hours; environment related sciences: 18 hours; managerial area: 23 hours; recreation facilities: 4 hours; first aid, safety education: 4 hours; professional recreation: 12 hours; supervised field work in recreation: 12 hours; activity-oriented specialties as follows: aquatics: 5 hours; outdoor living: 9 hours; community games, dances, special events: 6 hours; music and dance: 6 hours; drama: 4 hours; fine arts and handicrafts: 9 hours; electives: 27 hours.

Plan II. Recreation Leadership Concentration

First Year—Physical Education and Recreation 180; Physical Education and Recreation 186; courses to include fine and performing arts, communication arts, behavioral sciences, sciences, electives. Total: 45 hours minimum.

Second Year—Physical Education and Recreation 204; Physical Education and Recreation 313; Physical Education and Recreation 288; courses to include fine and performing arts, communication arts, behavioral sciences, managerial area; electives. Total: 45 hours minimum.

Third Year—Physical Education and Recreation 288; Physical Education and Recreation 384; Political Science 332; courses to include fine and performing arts, communication arts, behavioral sciences, managerial area; electives. Total: 45 hours minimum.

Fourth Year—Physical Education and Recreation 484; Physical Education and Recreation 288; courses to meet minimum hour requirements, plus specialty-oriented courses; electives. Total: 45 hours minimum.

This area of the recreation major requires the named courses plus minimum hours in certain fields as follows: recreation theory: 26 hours; recreation skills: 25 hours; supervised field work: 25 hours; fine and performing arts: 12 hours; communication arts: 20 hours; behavioral sciences: 20 hours; sciences: 12 hours; managerial area: 10 hours; electives: 27 hours.

Plan III. Outdoor Recreation Concentration

First Year—Physical Education and Recreation 186; English 111/112; Speech 102; courses to meet minimum hour requirements in communication, sciences, fine arts, recreation; electives. Total: 45 hours minimum.

Second Year—Physical Education and Recreation 204; Physical Education and Recreation 294; Physical Education and Recreation 288; Psychology 201; Sociology 201; courses to meet minimum hour requirements in communications, sciences, fine arts, recreation; electives. Total: 45 hours minimum.

Third Year—Physical Education and Recreation 384; Physical Education and Recreation 288; courses to meet minimum hour requirements in communications, sciences, fine arts, recreation; electives. Total: 45 hours minimum.

Fourth Year—Physical Education and Recreation 484; courses to meet minimum hour requirements in communications, sciences, fine arts, recreation; electives. Total: 45 hours minimum.

This area of the recreation major requires the named courses, plus minimum hours in certain fields as follows: communications: 19 hours; behavioral sciences: 14 hours; earth sciences: 20 hours; biological sciences: 11 hours; health sciences: 7 hours; fine arts: 6 hours; recreation: 34 hours; electives: 72 hours.

Speech and Hearing Therapy Curriculum

First Year—Biology 104 (5); English 112 (4); Sociology 101 (4); Speech 102, 141 (8); Speech 201, 202 (7); Speech 223, 226 (8); Group III (4); H.P.E. 100 (3); Group IV (3). Total: 46 hours.

Second Year—Mathematics 121 or Physics 100 (4 or 5); Psychology 201 (5); Psychology 270 (3); Education 302 (4); Sociology 101, 202 (6); Group III (4); Speech 203, 324, 331 (12); electives* (6). Total: 44-45 hours.

* 14 hours of electives must be from Groups I, II, III, IV plus those specified.

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Third Year—Education 431 (4); English literature elective (4); Psychology 305, Education 402 or Psychology 460 (8); Speech 325, 328 (8); Speech 330, 332 (8); Speech 422**, 424, 433, 435 (5); electives (4). Total: 50 hours.

Fourth Year—Education 355 or 356 (3); Education 408 (4); Education 331 (15); Education 409 (4); psychology elective (4); Speech 426 (6); electives (9). Total: 45 hours.

Curriculum for Teachers of Deaf and Hard-of-Hearing Children

First Year—Art 101 (3); Biology 104 (5); English 112 (4); Geography 121, 122 (6); physical science—geology, chemistry, physics (8); H.P.E. 100 (3); H.P.E. 109, 110 (5); History 151 or 152 or 153 (4); Speech 102 (4); Speech 223 (4). Total: 46 hours.

Second Year—History 205 (4); History 206 (4); literature elective in English (4); Mathematics 241, 242 (9); Psychology 201 (5); Education 451 (4); Speech 226 (4); Speech 328 (4); Speech 424, 426 (6); electives or minor (8); physical science (4). Total: 44 hours.

Third Year—Art 343 (3); Education 302 (4); Education 351 (4); Education 352 (3); Education 353 (3); Education 355 (3); Education 356 (3); Education 461 (3); P.E.R. 342 (3); Music 351 (2); Music 352 (2); Music 353 (2); Speech 328 (4); Psychology 305 (3); Education 431 (4); Education 432 (3). Total: 49 hours.

Fourth Year—Psychology 460 or Education 402 (4); Education 408 (4); Education 409 (4); Education 381 (15); Speech 422 (4); Speech 433 (4); Education 464, 465 (6); Education 462, 463 (6). Total: 47 hours.

The student who completes the 191-hour program receives an Ohio Provisional Certificate in elementary education and special education for teaching deaf and hard-of-hearing children.

Curriculum for Teachers of Educable Mentally Retarded (EMR)* Children

First Year—Art 101 (3); Biology 104 (5); English 112 (4); Geography 121, 122 (6); H.P.E. 100 (3); H.P.E. 109, 110 (5); History 151 or 152 or 153 (4); Speech 102 (4); electives or minor (8); physical science (4). Total: 46 hours.

Second Year—History 205, 206 (8); literature elective in English (4); Mathematics 241, 242 (9); physical science elective—geology, chemistry, or physics (4); Psychology 201 (5); Group III (3); Education 302, 431 (8); Psychology 270 (3). Total: 44 hours.

Third Year—Art 343 (3); Education 451, 433, 434, 435, 436 (20); English 342 (5); P.E.R. 342 (3) or P.E.R. 433 (4); Music 351, 352, 353 (6); Psychology 305 (3); Education 438, 432 (6). Total: 46-47 hours.

Fourth Year—Education 408, 437 (8); Education 381 (15); Education 409 (4); Psychology 460 or Education 402 (4); Speech 423 (4); electives or minor (12). Total: 47 hours.

A student who desires a certificate in Elementary Education must have completed the following courses: Education 351, 352, 353, 355, 356.

Curriculum for Teachers of Children with Learning Disabilities and/or Behavioral Disorders

This curriculum provides dual certification and major with elementary education.†

First Year—Art 101 (3); Biology 104 (5); English 112 (4); Geography 121, 122 (6); H.P.E. 100 (3); H.P.E. 109, 110 (5); History 151 or 152 or 153 (4); Speech 102 (4); electives or minor (3); physical science (8). Total: 45 hours.

Second Year—Education 302 (4); History 205, 206 (8); literature elective in English (4); Mathematics 241, 242 (9); Psychology 201, 270 (8); Education 431 (4); electives (7). Total: 44 hours.

Third Year—Art 343 (3); Education 351, 352, 353, 355, 356† (16); English 342 (5);

** Speech 422 counts as part of the science requirement.
* Formerly called "Slow Learning."
† Dual Learning Disabilities and Behavioral Disorders major with Educable Mentally Retarded may be obtained by substituting Education 433, 434, 435, 436, 437 (20) for the elementary methods sequence.
P.E.R. 342 or 433 (3); Education 438 (3); Music 351, 352, 353 (6); Psychology 305, 405 (8); Education 357, 412, or 420 (4). Total: 45 to 49 hours.

Fourth Year—Education 408 (4); Education 381 (15); Education 409 (4); Education 443, 451, 453, 454 (16); Psychology 460 or Education 402 (4); Speech 423 (4). Total: 47 hours.

The student who completes the 185-hour program receives a dual Ohio Provisional Certificate in elementary education and in Learning Disabilities and/or Behavioral Disorders.

Curriculum for Teachers of Trainable Mentally Retarded Children

First Year—Art 101 (3); Biology 104 (5); English 112 (4); Geography 121, 122 (6); H.P.E. 100 (3); H.P.E. 109, 110 (5); History 151 or 152 or 153 (4); Speech 102 (4); electives or minor (4); physical science (4) Group III (3). Total: 45 hours.

Second Year—History 205, 206 (8); literature elective in English (4); Mathematics 241, 242 (9); physical science elective—geology, chemistry, or physics (4); Education 431 (4); Psychology 201, 270 (8); Group III (3); electives or minor (5). Total: 45 hours.

Third Year—Art 343 (3); Education 302, 351, 352, 353, 355, 356 (20) or Education 434, 435, 436, 437 (17); Education 451, 433 (7); English 342 (5); P.E.R. 342 (3) or 433 (4); Education 342 (4); Music 351, 352, 353 (6). Total: 45-48 hours.

Fourth Year—Education 381 (15); Education 408, 440, 443, 445 (13); Education 409 (4); Psychology 460 or Education 402 (4); Speech 423 (4); electives or minor (5). Total: 45 hours.

The State Department of Certification does not issue a certificate for a teacher of trainable mentally retarded children at this time, but the student who completes the curriculum for trainable mentally retarded and 185 hours meets the requirements established by the State Department of Mental Hygiene. The student who completes 185 hours in the curriculum for trainable mentally retarded and educable mentally retarded receives an Ohio Provisional Certificate in special education for teachers of educable mentally retarded. The student who completes 185 hours in the curriculum for trainable mentally retarded and elementary education receives an Ohio Provisional Certificate in elementary education.

INTER-COLLEGE CURRICULA

A candidate who has met all the requirements for a degree from the College of Business Administration or College of Arts and Sciences also may qualify for the degree of Bachelor of Science in Education and for an Ohio certificate to teach by completing the combined curriculum including the general and specific graduation requirements for each College. See page 62.

A student who wishes to pursue the combined program must register in the College of Education as well as the other College and must maintain an accumulative point average of 3.0 or better based upon at least two quarters of work at Bowling Green State University.

ADDITIONAL CERTIFICATION PROCEDURES

TRANSFER FROM A SPECIAL TO A HIGH SCHOOL CERTIFICATE

The holder of a Special Certificate may obtain the Provisional High School Certificate in another subject upon completion of the requirements for the teaching subject as listed on pages 92-99.

FINE ARTS-EDUCATION CURRICULUM

The combined arts and sciences and education curriculum leading to the Bachelor of Fine Arts degree and to certification for the teaching of public school art is outlined on page 66. A student following this curriculum registers in both the College of Arts and Sciences and the College of Education and has his program approved by the adviser in each College.

TRANSFER FROM A HIGH SCHOOL OR SPECIAL TO AN ELEMENTARY CERTIFICATE

The holder of a Provisional, Professional, or Permanent High School or Special Certificate may obtain a certificate valid for elementary teaching upon evidence of the satisfactory completion of 20 hours of credit in the following designated areas:
methods of teaching reading, arithmetic, science, social studies and language arts; one course in child psychology. This certificate is designated as a "retraining" certificate and may be renewed upon evidence of the completion of 18 hours of additional credit applicable to a degree in elementary education. Program outlines are available in the Program Advisement Office, Room 365 in the Education Building.

TRANSFER FROM AN ELEMENTARY TO A HIGH SCHOOL CERTIFICATE

The holder of an elementary certificate of any grade—Provisional, Professional, or Permanent—obtained upon graduation from a four-year curriculum for the preparation of elementary teachers may obtain the Provisional High School Certificate by completing the requirements of a secondary teaching field and a methods course in the area of the desired certification.

EARLY ADMISSION TO GRADUATE SCHOOL

See page 123.
THE SCHOOL OF MUSIC

James Paul Kennedy, B.A., B.M.Ed., M.M., Ph.D., Director-Dean

Department of Composition and History: Wallace DePue, Chairman; Oliver Chamberlain, Co-Chairman
Department of Music Education: DuWayne Hansen, Chairman
Department of Performance Studies: Emil Raab, Chairman
Division of Public Mission: James Paul Kennedy, Acting Chairman

School of Music Advisory Board Personnel
A. Beverly Barksdale, Associate Director, Cleveland Museum of Art, and Past Manager, Cleveland Orchestra
Howard Brown, Vice President, D. S. Brown Co.
Frank Forest, President, Empire State Music Festival
Karl Haas, Director of Fine Arts, WJR-Detroit, and former President of Interlochen Arts Academy
Mildred Miller, Metropolitan Opera Association
Michael Pappas, General Supervisor of Philadelphia Refinery, Standard Oil Company of Ohio
Hugh Ross, Conductor, the Schola Cantorum, and Vice President, Sullivan Foundation
Otto Wittmann, Director, Toledo Museum of Art

School of Music Executive Committee
Robert Moore, Chairman; John Lundy, Louis Marini, Jon Piersol; Emil Raab.

Council on Instruction
David Glasmire, Chairman; Burton Beerman; Oliver Chamberlain; DuWayne Hansen; Robert Hohn; James Paul Kennedy (ex-officio); Bernard Linden; Steve Rankey; David Pope.

Administrative Committee
Oliver Chamberlain, Wallace De Pue, DuWayne Hansen, Robert Hohn, Emil Raab.

OBJECTIVES
The primary objectives of the School of Music are to prepare a talented student for a professional career in music and to create a cultural climate for the entire campus-community. Education in music is not only a means to a career but the basis of a liberal education.

ACCREDITATION
The School of Music has been accredited by the National Association of Schools of Music since 1947 and has been re-examined periodically.

Division of Public Mission
James Paul Kennedy, Chairman

The School of Music conducts an extensive program of public recitals and concert performances. The Division of Public Mission cooperates with the National Young Audiences program to provide musical performances in a public school setting. Artists in residence and resident ensembles such as the string quartet and brass and woodwind quintets along with orchestras, bands and choruses, and opera theatre programs, contribute to the public mission of the school and to the musical experience of the community which it serves. Creative arts programs provide lessons, classes and ensemble experiences for area children.
ADMISSION TO THE SCHOOL OF MUSIC

A student interested in the School of Music must submit to the Bowling Green State University School of Music, an Application for Admission directly to the Director. In addition, a student must also submit the regular Application for Admission to the University to the Director of Admissions. Both application forms may be obtained by writing to the Director of the School of Music. Please review admission requirements on page 10 of this Bulletin.

PLACEMENT EXAMINATIONS

Each major or minor is required to take a placement examination. This includes an entrance audition in the student’s major performance area on the same dates designated for special music awards and a written test during preregistration. A student is accepted, placed on warning, or rejected depending on the outcome of these tests. A non-music student wishing to enroll in applied music courses is asked to audition in his chosen performance area.

BACHELOR OF MUSIC

The School of Music offers curricula in music education, applied music (performance studies), theory-composition, church music, and history-literature, all leading to the Bachelor of Music degree. This degree provides not only the most substantial undergraduate preparation for a professional career but also a background of graduate studies. Programs outlined for each concentration stress breadth as well as depth to insure not only technical skills but a broad understanding of the social and cultural environment in which the art of music is practiced. See course description supplement for specific courses available in the program.

In addition to the Bachelor of Music degree, the Bachelor of Arts in Music is available through the College of Arts and Sciences, see pages 52-53.

Various minors in music exist to serve the needs of those who are majoring in other areas. For the minor in the College of Arts and Sciences, see page 53. For the minors in the College of Education, see page 97.

RECITAL ATTENDANCE AND PARTICIPATION

A student majoring or minoring in music is required to attend all Musicianship and Performance Classes—Thursday at 2 p.m., for four years except during the quarter of off-campus teaching.* A music major must attend 9 performances of student and faculty recitals, concerts and those University Artist Series presentations which are especially significant musically each quarter for 3 years. A music minor must attend 7 of these performances each quarter for 3 years. The music major or minor may be required to participate, directly or indirectly, in major School of Music concert productions.

FIVE-YEAR PROGRAM

A five-year Performance curriculum leading to a Master of Music degree and Ohio State Certification for teaching in the public schools is available to gifted scholar musicians. Students interested in this option should contact the Coordinator of Graduate Studies in Music for information and enrollment.

CHURCH MUSIC

Before the end of his freshman year each candidate for the degree of Bachelor of Music with a major in church music should meet with his adviser to develop a course of study which will satisfy the group and music requirements in this program. Each student is expected to participate in the music program of a church of his choice and to give a senior recital.

* Unauthorized absences from Musicianship and Performance Class are reported and are treated as an absence from a regularly scheduled class.
GROUP MINIMUM REQUIREMENTS

Group I. Composition, Literature, and Speech. Each student must complete English 112 or the equivalent and an English literature course (English 306 is recommended). In addition, Speech 102 is a recommended elective. Total: 13 hours.

Group II. Science and Mathematics. Each student must complete at least one course in science and mathematics. Physics 350 is recommended. Total: 4 hours.

Group III. Social Sciences. Each student must complete at least one course selected from the following fields: economics, geography, political science, history, and sociology. History 151 is recommended. Total: 4 hours.

Group IV. Fine Arts, Philosophy, and Foreign Languages. Each student must complete at least one course selected from the fields of philosophy and fine arts other than music. Each student is expected to complete French 101, 102, 103 and German 101, 102, 103 unless proficiency can be demonstrated. Total: 26 hours.

Total Group Requirements. In addition, each student must complete a sufficient number of courses from any of the four groups to meet the total group requirements. Total: 63 hours.

MUSIC HISTORY AND LITERATURE

It is advisable that before the end of his freshman year, each candidate for the degree of Bachelor of Music with a major in Music History and Literature meet with the Chairman of Music History to develop a program of courses which is mutually agreeable to fulfill the remainder of both group and music requirements for the student's degree program. Each student's progress is reviewed by the faculty in Music Composition and History before the student's admittance to the sophomore, junior and senior years.

GROUP MINIMUM REQUIREMENTS

Group I: Composition, Literature, and Speech. Each student must complete at least one course in written communication such as English 112 or the equivalent, an English literature course, and Speech 102. Total: 12 hours.

Group II: Science and Mathematics. Each student must complete at least one course in science or mathematics. Total: 4-5 hours.

Group III: Social Sciences. Each student must complete at least one course selected from the following fields: economics, geography, political science, history, and sociology. Total: 4-5 hours.

Group IV: Fine Arts, Philosophy, and Foreign Languages. Each student must complete at least three quarters of German 101, 102, 103. If equivalent proficiency can be established in the above with the Department of German, then French, Latin, Italian, or Russian may be substituted to obtain the equivalent credits. Music courses not specifically required in the major curriculum may satisfy this group requirement with the approval of the Chairman of Music History.

Total Group Requirements. In addition, each student must elect a sufficient number of courses selected from any of the four groups in consultation with the Chairman of Music History to meet total requirements. Minimum total: 63 hours.

SAMPLE PROGRAM

First Year—Music 107, 108, 109 (18); applied music (9); ensemble (3); Group I (8); Group II (4); Group III (4); H.P.E. 100 (3). Total: 49 hours.

Second Year—Music 201, 202, 203 (6); Music 204, 205, 206 (9); Music 218, 219, 220 (9); applied music (9); ensemble (3); keyboard or elective (3); Group I (4); Group IV (4). Total: 47 hours.

Third Year—Music 304 (3); music theory elective (3); music history and literature electives (9); applied or ensemble electives (6); German 101, 102, 103 (12); group electives (12). Total: 45 hours.

Fourth Year—Music theory electives (6); Music 406 (8); music history and literature electives (9); applied or ensemble electives (6); group electives (16). Total: 45 hours.
The above is a sample program to be modified according to individual needs and capabilities.

Collegium Musicum. The department maintains a collegium musicum as a training ground for performance practice and showcase for music not usually performed by other traditional chamber music ensembles. Ensemble credit is available in: Madrigal Singers, Renaissance Ensemble, Baroque Ensemble, and New Music Ensemble.

MUSIC THEORY AND COMPOSITION

It is advisable that before the end of his freshman year each candidate for the degree of Bachelor of Music with a major in music theory and composition meet with the Chairman of Music Theory to develop a program of courses which is mutually agreeable to fulfill the remainder of both group and music requirements for that student's degree program. Each student's progress is reviewed by the faculty in music theory and history before the student's admittance to the sophomore, junior, and senior years.

GROUP MINIMUM REQUIREMENTS

Group I: Written Composition and Literature. Each student must complete at least one course in written communication such as English 112 or the equivalent and one course in English literature such as English 204. Total: 8-10 hours.

Group II: Science and Mathematics. Each student must complete at least one course in science or mathematics. Physics 350 is recommended. Total: 4-5 hours.

Group III: Social Sciences. Each student must complete at least one course selected from the following fields: economics, geography, political science, history, psychology or sociology. Total: 4-5 hours.

Group IV: Fine Arts, Philosophy, and Foreign Languages. Each student must complete at least one course selected from the fields of philosophy and fine arts other than music to a total of 4-5 hours. Philosophy 204 is recommended. Each student must also complete at least six quarters of one foreign language or demonstrate proficiency equivalent to this amount to the satisfaction of the Language Departments to a total of 24-30 hours. Total: 28-35 hours.

Total Group Requirements. In addition, each student must complete a sufficient number of courses from any of the four groups above to meet his total group requirements. Total: 63 hours.

SAMPLE PROGRAM

First Year—Music 107, 108, 109 (18); voice and/or instrumental classes (2); Music 161, 162, 163 or proficiency (3); ensemble—choral (3); English 112 (4); English 204 (4); Group II science* (4); Group IV fine arts*** (9); H.P.E. 100 (3). Total: 50 hours.

Second Year—Music 201, 202, 203 (6); Music 204, 205, 206 (9); Music 305, 306, 307 (6); Music 218, 219, 220 (9); Music 261, 262, 263 or proficiency (3); Music 309, 310 (4); ensemble—choral (3); Group III** (4); group electives# (8). Total: 52 hours.

Third Year—Music 302 (2); Music 304 (3); Music 315 (3); Music 316 (9); Music 320 (3); Music 410 (9); applied lessons (3); Music 361, 362, 363 or proficiency (3); ensemble—band (3); foreign language## (15). Total: 50 hours.

Fourth Year—Music 316 (9); Music 403, 404, 405 (6); Music 410 (9); Music 461, 462, 463 or proficiency (3); applied lessons (3); ensemble—orchestral (3); foreign language## (15). Total: 48 hours.

The above is a sample program to be modified according to individual needs and capabilities.

* Computer Science 101 is recommended.
** History 151 is recommended.
*** Art History 145, 146, 245 are recommended.
# History 152, 153 or Physics 350 and Philosophy 204 are recommended.
## Two years of German or of one romance language are required.
PERFORMANCE STUDIES

A student is accepted into the Bachelor of Music program in performance by audition only. An acceptance audition may take place before admission to the School of Music. The decision for acceptance must be made by the full area faculty. After acceptance, the student in counsel with his adviser develops a long-range program based on the program requirements and the student's individual needs and desires.

GROUP MINIMUM REQUIREMENTS

Group I: Composition and Literature. Each student is required to complete English 112 or its equivalent; or, if the student demonstrates a proficiency equivalent to English 112, an advanced composition course may be substituted. In addition, one English literature course is required.

Group II: Science and Mathematics. Each student must complete at least one science or mathematics course.

Group III: Social Sciences. Each student must complete at least one course selected from the following areas: economics, geography, political science, history, sociology or psychology.

Group IV: Fine Arts, Foreign Language, and Philosophy. Each student must complete at least one course in fine arts (excluding music), foreign language, speech-theatre, library science, or philosophy. To satisfy the foreign language requirements, the freshman sequence is minimum—French 101, 102, 103; German 101, 102, 103; etc.

Total Group Requirements: minimum 63 hours. In addition, each student must elect a sufficient number of courses from the above groups or any course approved by the student's adviser to bring the total number of credit hours to a minimum of 63. Any music course not specifically required for a degree is acceptable under Group IV. Interests in such fields as speech-theatre, journalism, or library science may be developed. A minimum of 48 credit hours, however, must be taken outside of the School of Music.

SAMPLE PROGRAM: VOICE

First Year—Music 171, 172, 173 (9); Music 161, 162, 163 or proficiency (3); Music 107, 108, 109 (18); English 112 (4); English literature (4); Music 214 (2); H.P.E. (3); ensembles (3). Total: 46 hours.

Second Year—Music 271, 272, 273 (9); Music 261, 262, 263 (3); Music 201, 202, 203 (6); Music 204, 205, 206 (9); Music 218, 219, 220 (9); French 101, 102, 103 (12); ensembles (3). Total: 51 hours.

Third Year—Music 371, 372, 373 (9); Music 311, 312, 313 (6); German 101, 102, 103 (12); Music 304 (3); Music 409 (3); Music 305 (2); Group II (4); Music 403 (2); ensembles (3). Total: 44 hours.

Fourth Year—Music 471, 472, 473 (9); Group III (4); non-music electives (14); electives, music or non-music (17); ensembles (3). Total: 47 hours.

SAMPLE PROGRAM: PIANO

First Year—Music 161, 162, 163 (9); Music 107, 108, 109 (18); English 112 (4); English literature (4); Group II (4); H.P.E. (3); ensembles (3). Total: 45 hours.

Second Year—Music 261, 262, 263 (9); Music 201, 202, 203 (6); Music 204, 205, 206 (9); Music 218, 219, 220 (9); Group III (4); Group IV (4); academic elective (4); ensembles (3). Total: 48 hours.

Third Year—Music 361, 362, 363 (9); Music 304 (3); Music 366, 367, 368 (9); Music 315 (3); Music 305, 306 (4); Music 403 (2); Music 210, 211, 212 (6); non-music academics (12); ensembles (3). Total: 51 hours.

Fourth Year—Music 461, 462, 463 (9); Music 404 (2); non-music academic (12); electives, music or non-music (15); ensembles (3); Music 409 (3). Total: 44 hours.
SAMPLE PROGRAM: ORGAN

First Year—Music 191, 192, 193 (9); Music 107, 108, 109 (18); English 112 (4); English literature (4); Group II (4); H.P.E. 100 (3); ensemble (3). Total: 45 hours.

Second Year—Music 291, 292, 293 (9); Music 201, 202, 203 (6); Music 204, 205, 206 (9); Music 218, 219, 220 (9); Group III (4); Group IV non-music electives (4); ensembles (3). Total: 44 hours.

Third Year—Music 391, 392, 393 (9); Music 304 (3); Music 409 (3); Music 315 (3); Music 305 (2); Music 306 (2); Music 403 (2); Music 215, 216, 217 (6); non-music academics (12); ensemble (3). Total: 45 hours.

Fourth Year—Music 491, 492, 493 (9); Music 404 (2); Music 419 (3); Music 396, 397, 398 (6); Music 415 (3); non-music academics (12); electives, music or non-music (16); ensembles (3). Total: 54 hours.

SAMPLE PROGRAM: INSTRUMENTAL

First Year—instrument (9); Music 107, 108, 109 (18); English 112 (4); English literature (4); Group II (4); piano (or proficiency) (3); H.P.E. 100 (3); ensembles (3). Total: 48 hours.

Second Year—instrument (9); Music 201, 202, 203 (6); Music 204, 205, 206 (9); Music 218, 219, 220 (9); Group III (4); Group IV (4); non-music academic (4); ensembles (3); piano (3). Total: 51 hours.

Third Year—instrument (9); Music 304 (3); Music 409 (3); Music 315 (3); Music 307, 308 (4); Music 403 (2); non-music academics (12); ensembles (6); electives (4). Total: 46 hours.

Fourth Year—instrument (9); pedagogy (3); non-music academics (15); ensembles (6); electives (8). Total: 41 hours.

MUSIC EDUCATION

Three degree options are offered in Music Education which lead to provisional special certification for teaching of elementary and secondary school music: a choral major, an instrumental major, and a classroom music major. The total number of hours required for graduation in all three programs is 203. To complete this program in four years or 12 quarters, a student must enroll in at least 17 hours of course work each quarter. A student may desire to reduce the typical quarter load to 15 hours which can be done by extending the program beyond 12 quarters and attending one or two summer terms. Students pursuing one of the several certification options in Music Education must also be enrolled in the College of Education.

Academic Minor. Ordinarily students pursuing a degree in Music Education do not carry an academic minor. However, a minor can be pursued provided the student is willing to take additional credits beyond the minimum of 203 required for graduation.

Double Major. A student interested in a double major should consult with the chairman of the concerned departments for information pertaining to the requirements. Double majors between departments must be approved by the chairmen of the appropriate departments. Such programs ordinarily require a time expenditure of more than 12 quarters.

Applied Study. Each student in Music Education must have an applied area of emphasis. An entering student must audition before a faculty committee to determine acceptance and standing. If a student wishes to change his area of emphasis, it must be with the approval of the faculties involved.

Each student is required to pass a proficiency examination in his major applied area at the third-quarter juries. Failure to pass this proficiency examination results in probationary status for one quarter at the end of which significant improvement must be demonstrated or applied instruction will be terminated and the student's standing in the School of Music will be reviewed.

Instrumental and choral music education majors are required to study in their major applied area all quarters except that one set aside for student teaching.

Recital. A half recital (or its equivalent) is required of music education majors taking the instrumental or choral options. A full recital may be given with the consent of the area faculty. Students pursuing the classroom music option are
encouraged, but not required, to give a public recital. A recital may not be given while student teaching.

**Applied Instrumental Classes.** Music education majors pursuing the instrumental and choral options are required to elect 10 and 6 instrumental classes respectively. Instrumental majors may elect any combination of wind and string classes to complete ten hours; Choral majors are required to take one quarter each of high strings (violin or viola), low strings (cello or double bass), brass, percussion, and woodwinds.

**Conducting Requirements.** All choral and instrumental music education majors must pass third quarter conducting with at least a grade of "C". Those students receiving a grade of "D" or less will be required to repeat Conducting 307 and to achieve better than average work before being allowed to student teach.

**Methods Requirements.** Music education majors must pass all required methods courses (255, 355, 358, 451, 455, 456, 457) with at least a grade of "C". Those students receiving a grade of "D" or less will be required to repeat the course(s) in question and to achieve better than average work before being allowed to student teach.

**Basic Musicianship.** Failure of any portion of basic musicianship in any quarter continues to be registered within the single composite grade. However, the mark of "I" is given to any student whose work in one section of the course is below acceptable quality yet whose composite grade is a passing one. This student is given the opportunity to raise this deficiency to a passing level before the end of the period which is allowed for the removal of an "I". See page 19 of this Bulletin. If he fails to meet this requirement in the allotted time, the mark of "I" becomes an "F" for the entire course.

**Piano Proficiency Requirements.** All music education majors are required to meet certain basic keyboard proficiencies. Students not having passed functional proficiency requirements will not be allowed to student teach. Piano requirements for each degree option are divided into two distinctly different areas of proficiency requirements:

1. Functional proficiency covers skills such as sight reading, transposition, harmonization, and so forth. Such skills may be acquired through either private or class piano study. No more than three quarters of class piano, however, will be accepted as credit toward meeting this degree requirement. Students needing more than three quarters of class study should enroll in Music 153.

2. Minimum performance standard covers performing ability. Non-emphasis students continue private study until their studio teacher recommends that they have met minimum performance standards beyond those needed for passing the functional proficiency examination. Recommended students will then be required to perform for a jury.

Piano requirements for all degree programs cannot be met simply by taking piano for a specified number of quarters. The proficiency examinations applicable to each degree program must be passed.

**Piano Emphasis in Music Education.** A student majoring in music education whose primary performance area is piano must choose one of the degree options and meet all the requirements of that program, including functional proficiency requirements.

Piano emphasis students pursuing the instrumental option must take at least 15 credits of private study. The six hour block of piano requirements (see Applied Music Requirements) must be handled as follows:

1. No more than three hours credit can be received for acquiring functional proficiency skills through class piano study.

2. No more than three hours credit can be waived if functional proficiency skills are acquired elsewhere.

3. Three hours of this block must be in additional applied study in any media of the student's choosing.
Piano emphasis students pursuing the choral option must take at least 15 credits of private study. The eight hour block of minor instrument requirements (see Applied Music Requirements) must be handled as follows:

1. No more than three hours credit can be received for acquiring functional proficiency skills through class piano study.
2. No more than three hours credit can be waived if functional proficiency skills are acquired elsewhere.
3. Five hours of this block must be in class or studio voice study.

Students pursuing the classroom major are not designated as either piano or voice emphasis students. These students must demonstrate adequate applied skills in both areas. The nine hour block of piano requirements (see Applied Music Requirements) must be handled as follows:

1. No more than three hours credit can be received for acquiring functional proficiency skills through class piano study.
2. No more than three hours credit can be waived if functional proficiency skills are acquired elsewhere.
3. Six hours of this block must be in private piano study.

The five additional hours of applied study may be taken in any applied media of the student's choosing.

Student Teaching. The requirements for student teaching experience in music are established by the State of Ohio, the University, and the School of Music.

1. Registration. Each student must register in two places: (a) with the University Office of Student Teaching in the College of Education, and (b) with the Coordinator of Student Teaching in the School of Music.
2. Speech and Hearing Test. A combined speech and hearing test, administered by the University, must be successfully passed before one can student teach.
3. Radius. The radius for student teacher placement is not more than 75 miles from campus.
4. Transportation. Students must provide their own transportation to assigned schools. Students without transportation will be expected to live in the assigned community.
5. Station Assignment. These are arranged through cooperative planning among students, the Coordinator of Student Teaching, and the University Office of Student Teaching. No student-requested station can be guaranteed, as superintendents of school systems have the right to refuse candidates.
6. Pre-teaching Interview. Any school system has the right to interview a student teacher assigned to them. If the student is not accepted, the Coordinator of Student Teaching reserves the right to place him.
7. Dress Code. Students must adhere to the dress code of the school to which they are assigned. A campus faculty review board may also deny a student the privilege of teaching if his appearance is non-professional.
8. On-campus Activities. For a student to be effective, total commitment to teaching is necessary. Students may not present recitals, perform in small ensembles, or take private lessons during student teaching except with the consent of the departmental chairman.

SPECIFIC REQUIREMENTS FOR MUSIC EDUCATION

The requirements for the degree of Bachelor of Music in Music Education include completion of:

1. 63 hours of credit from the four groups or areas of knowledge listed below;
2. 36 hours of credit in professional education courses;
3. 21 hours of credit in music methods;
4. 12 hours of credit in music history and literature;
5. 30 hours of credit in music theory;
6. 6 hours of credit in conducting;
7. 23 hours of credit in applied music;
8. 9 hours of credit in large and small ensembles;
9. 3 hours of credit in Health and Physical Education.

GROUP REQUIREMENTS

To insure a general education background in addition to the teaching specialization, a student is required to complete 63 hours of credit from the four areas of knowledge indicated below as group requirements. Insofar as possible, group requirements should be completed during the freshman and sophomore years.

Group I: Composition, Literature, and Speech. Each student must complete English 112 or equivalent, a literature course in English, and Speech 102. A student is considered to have demonstrated acceptable performance in English skills if he has received a grade of C or better in English 112. A student who receives a D in English 112 must repeat the course until he earns a grade of C. Furthermore, the student is required to present evidence of freedom from speech defects as certified by the Department of Speech. Minimum total: 12 hours.

Group II: Science and Mathematics. Each student must complete 8 hours of credit in course work selected from the areas of biology, chemistry, physics*, geology, and mathematics. Mathematics 241 and 242 are applicable only for an elementary education major. Minimum total: 8 hours. (*Physics 350, Acoustics of Music and Speech, is recommended).

Group III: Social Sciences. Each student must complete 8 hours of credit in the social sciences. Courses may be selected from the areas of economics, geography, history, political science, psychology (except Psychology 201), and sociology. Minimum total: 8 hours.

Group IV: Fine and Applied Arts. Each student is required to complete 9 hours of credit in one or more of the following fields: art, business education, crafts, drama (including radio, television), foreign language, home economics, industrial education and technology, library science, literature (in addition to that in Group I), modern dance, and philosophy. No graduation credit is allowed for less than two quarters of a beginning foreign language. Group IV requirements may not include music courses. Minimum total: 9 hours.

Total Group Requirements. Each student in the School of Music must meet the total minimum requirements (37 hours) for Groups I, II, III, and IV. The remaining 26 hours may be elected from one or more of the groups, but may not include required courses in the music major, and must include at least 8 hours in non-music courses.

Group IV Requirements for the Classroom Music Major. Students pursuing the Classroom Music option are required to take 12 hours in related art disciplines. These include: Art 101; 6 hours from Art 145, 146, 245, Speech 347 or 447; and 3 hours of an applied Art course or a 400-level Art history course. 23 hours then may be elected from one or more of the groups, but may not include required courses in the music major, and must include at least 8 hours in non-music courses.

PROFESSIONAL EDUCATION REQUIREMENTS

To insure adequate professional preparation for a career in teaching, 36 hours of credit are required to include: Education 402 (4), 408 (4), and 409 (4); Student Teaching 331 (15); Psychology 201 (5); and Education 302 (4). Professional requirements including eligibility for a quarter of student teaching are specified on page 89 of the Bulletin.

MUSIC METHODS REQUIREMENTS

Two methods courses are required of all Music Education majors: Music 255 (4), 355 (3). In addition, Instrumental majors must elect Music 457 (4) and 10 hours of applied instrument classes; Choral majors, Music 456 (3), 6 hours of applied instrument classes; Music 311 and 359; Classroom majors, 6 hours of applied instrument classes, Music 451 and 455. Minimum total: 21 hours.

* Biology 104, Geology 100, or Physics 350 is recommended.

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MUSIC HISTORY AND THEORY REQUIREMENTS

The following courses are required of all Music Education majors: 107-108-109, 201-202-203, 204-205-206, 218-219. In addition, three hours are required of either 315, 304, or 320. Total minimum hours in music history, 12; in music theory, 30.

CONDUCTING REQUIREMENTS

All Music Education majors are required to take Music 305-306-307 in their junior year before student teaching. Minimum total: 6 hours.

APPLIED MUSIC REQUIREMENTS. Minimum total: 23 hours.

<table>
<thead>
<tr>
<th>Instrumental Major</th>
<th>Choral Major</th>
<th>Classroom Major</th>
</tr>
</thead>
<tbody>
<tr>
<td>Major Instrument</td>
<td>Major Instrument</td>
<td>Piano</td>
</tr>
<tr>
<td>Piano</td>
<td>Minor Instrument</td>
<td>Voice</td>
</tr>
<tr>
<td>Voice or Voice Class</td>
<td>(piano or voice)</td>
<td>Additional Applied</td>
</tr>
</tbody>
</table>

Total: 23 hours.

ENSEMBLES

All music education majors are required to participate in seven quarters of large ensembles and two quarters of small ensemble. Students are encouraged, however, to participate in large ensembles each quarter except the quarter they student teach. Choral majors are not required to participate in a large instrumental ensemble, but may do so, when qualified, on an elective basis. Instrumental majors must acquire seven hours of large ensemble (concert or symphonic band or orchestra) exclusive of marching band.

RECOMMENDED SEQUENCE OF COURSES FOR MUSIC EDUCATION

Instrumental and Choral Majors

First Year—applied music (9); instrument classes (1); Music 107, 108, 109 (18); ensembles (3); English 112 (4); Speech 102 (4); H.P.E. 100 (3); group requirements (8). Total: 50 hours.

Second Year—applied music (6); instrument classes (2); Music 218, 219 (6); Music 201, 202, 203 (6); Music 204, 205, 206 (9); ensembles (3); Psychology 201 (5); English literature (4); group requirements (10). Total: 51 hours.

Third Year—applied music (5); instrument classes or Music 311 and 359 (7); Music 304, or 315 or 320 (3); Music 255 and 355 (7); Music 305, 306, 307 (6); Education 302 (4); ensembles (2); group requirements (18). Total: 52 hours.

Fourth Year—applied music (3); Music 456 or 457 (3-4); instrument class (1); ensembles (1); Education 402, 408, 409 (12); Education 331 (15); group requirements (15). Total: 50 hours.

CLASSROOM MUSIC MAJOR

First Year—applied music (6); instrument class (1); Art 101 (3); Music 107, 108, 109 (18); ensembles (3); English 112 (4); Speech 102 (4); H.P.E. 100 (3); group requirements (8). Total: 50 hours.

Second Year—applied music (6); instrument classes (2); Music 218 and 219 (6); Music 201, 202, 203 (6); Music 204, 205, 206 (9); ensembles (3); Psychology 201 (5); English literature (4); group requirements (10). Total: 51 hours.

Third Year—applied music (6); Music 304 or 315 or 320 (3); Music 255 and 355 (7); Music 305, 306, 307 (6); Education 302 (4); ensembles (2); Music 451 (4); instrument classes (3); group requirements (17). Total: 52 hours.

Fourth Year—additional applied music (5); Music 455 (4); ensemble (1); Education 402, 408, 409 (12); Education 331 (15); group requirements (13). Total: 50 hours.
ADMISSION

Admission to graduate study must be obtained from the Graduate School before any enrollment for graduate credits can be authorized. A student should apply for admission directly to the Graduate School.

DEGREES

Graduate study is offered during the regular academic year and during the summer leading to the following degrees:

- Master of Accountancy
- Master of Arts
- Master of Arts in Teaching
- Master of Business Administration
- Master of Education
- Master of Fine Arts
- Master of Music
- Master of Science
- Specialist in Applied Biology
- Specialist in Education
- Doctor of Philosophy
  - Biology
  - Educational Administration
  - English
  - History
  - Mathematics
  - Psychology
  - Sociology
  - Speech

MAJORS

Graduate majors are offered in the following areas:

- Accounting; American Studies*; Art, Biology; Graduate Business Administration†*; Business Education; Career and Technology Education; Chemistry; College Student Personnel*; Computer Science; Economics;
- Education: Educational Administration, Elementary Education, Guidance and Counseling, Reading, Special Education; English; Geography; Geology; German;

* Interdepartmental major.
† This program involves a core curriculum and the five functional fields of accounting: management, marketing, finance, statistics, and international business. May be elected as a minor.
Health and Physical Education; History; Mathematics; Music; Philosophy; Physical Sciences and Mathematics*; Physics; Political Science; Psychology; Romance Languages: French, Spanish; School Psychology*; Sociology; Speech.

A graduate minor may be taken in any department field approved for a major or in library science which is approved for a minor.

AWARDS FOR GRADUATE STUDY

A graduate assistantship award granted to a selected first-year graduate student may carry a stipend of up to $2,940. In addition, the award includes waiver of the Instructional Fee (for the academic year and the following summer) and the Nonresident Fee (for the academic year and the following summer). Each graduate assistant pays the General Fee and other charges which may apply to him. A graduate assistant registers for the number of hours appropriate to his assistantship assignment during the academic year. Renewal of an award for a second year is possible.

A teaching fellowship award is granted to a student who has the master’s degree and who plans to work toward the degree of Doctor of Philosophy in one of our authorized departments. This program includes college-level teaching under supervision. The stipend is from $2,000 to $4,000 plus waiver of the Instructional and Nonresident Fees. The teaching fellow pays the General Fee and any other charges which may apply to him.

Applications for a graduate assistantship or a teaching fellowship should be filed with the chairman of the appropriate department by March 1 for the following academic year.

Further information concerning the Graduate School may be obtained in the Graduate Bulletin.

EARLY ADMISSION

A senior at Bowling Green who has 150 hours of credit and an average of 3.0 or better in all his work and who does not require full time in his senior year to complete the requirements for his undergraduate degree may be admitted to the Graduate School as an advanced undergraduate. He may register for limited work for graduate credit provided he obtains approval in advance from his undergraduate dean and the Dean of the Graduate School.

A senior, in his last quarter of undergraduate work, who has completed all requirements for graduation except his current registration and who has been declared acceptable for admission to the Graduate School following the receipt of his undergraduate degree, is permitted to enroll in courses for graduate credit if his required undergraduate registration is not a full course load. A student's enrollment under this provision is not to exceed 15 hours of undergraduate and graduate work combined.

* Interdepartmental major.
Afro-American Studies
Robert L. Perry, Adviser for Planned Program in Afro-American Studies

Afro-American Studies is an interdepartmental and interdisciplinary planned program designed to provide a comprehensive study of the life and experiences of the black American. The major program consists of a minimum of 60 hours: (1) at least 30 hours in one of the following: economics, English, history, political science, psychology, sociology, speech; (2) sixteen (16) hours of seminar or independent study; (3) remaining hours selected in consultation with adviser.

A minor program consists of a minimum of thirty (30) hours of course work selected by the student and the office of Ethnic Studies and approved by the College of Arts and Sciences.

AMERICAN STUDIES
Alma J. Payne, Adviser for Planned Program in American Studies

The goal of the American Studies Program is to provide a unified approach to the subject matter of the liberal arts so as to achieve a comprehensive view of American life and of the American heritage. This approach combines specialized fields into patterns which do not isolate American life but rather reveal its rich heritage from and its relationship to all of Western civilization. The chairman of the Interdepartmental Committee, which directs the program, serves as an adviser to the student in setting up a program adapted to his interests and to the requirements of the college and the program.

The program consists of 63 hours minimum in the following Departments: English, History, Political Science, Philosophy, the School of Art, and Sociology. The 63 hours must be distributed as follows: a field of concentration of 23 hours, including those hours indicated as basic by the department of concentration (see pages 48 and 92); at least 4 hours in a senior seminar; and a total of 36 hours with a minimum of 6 hours in each of the five cognate departments not chosen as a field of concentration (see pages 48 and 92).

At least 32 of the 63 hours minimum must be in 300- or 400-level courses. Prerequisites to 300- or 400-level courses identified as cognates in the American Studies Program are waived for students in the program for whom this would not be a severe handicap. No minor is required.

Asian Studies
Edward I-Te Chen, Adviser for Planned Program in Asian Studies

Through a multi-disciplinary approach, the Asian Studies Program is designed to provide students with: (1) a broad view of Asia, (2) an in-depth knowledge of a selected country, or a region of Asia, and (3) an ability to comprehend an indigenous language. The major consists of 55 credit hours taken from a list of courses provided plus the completion of a 202-level Asian language course. The minor consists of 40 credit hours, and no language is required.
Environmental Studies
William Jackson, Program Director

Studies of the environment are too diverse to be encompassed by any one discipline, but no one individual can become expert across the total range of studies.

Interdisciplinary courses of study within each of the undergraduate colleges have been designed to meet this dilemma. Each sequence has a somewhat different direction, kind of student, and employment goal in mind. Each program is strong in fundamentals, and the student builds on this foundation areas of special concern. Because many environmental problems are practical problems, classroom work alone is inadequate for providing understanding. Consequently, internships or periods of relevant employment by government or industry, are part of those programs.

Emphasis within the College of Education is on teaching environmental relationships, and the student in the College of Arts and Sciences may expect to be an Environmentalist in government or voluntary agencies or industry. The College of Business Administration will emphasize the systems approach to environmental management and delivery of services.

Programs in each of the undergraduate colleges follow the group requirements for that college. Beyond this no major or minor is specified, but sequences or selected courses from several areas and recommended electives are indicated.

Students who have participated in two-year technical college environmental programs may transfer into the baccalaureate sequence. Student records are examined to determine transferability of credits and the fulfillment of requirements.

The student with a foundation in natural and social science can find many opportunities. The Public Health Environmentalist is involved in establishing and maintaining standards in rural and urban environments for food, water, air and housing; increasingly he has been concerned with pollution monitoring and control. The Pest Control Operator, as a businessman, is an important adjunct to public officials in creating and maintaining healthful environments. Similarly, employment opportunities exist in state, federal, and voluntary agencies relating to wildlife, plant pest control, food and drug inspection, and other aspects of quality control.

Within the College group requirements some courses or sequences are specified: Speech 203; organic chemistry; basic math and physics; basic biology and Biology 208, 213, 321-322, 490; Political Science 331, 332, or 430; Economics 200.

Some electives are specified: H.P.E. 110, 446; Geology 421 or Industrial Education 421; computer science or statistics.

Other electives are recommended. See Environmental Studies Center or College office for list.

Experimental Studies
The function of the Office is to originate and administer courses available for elective credit and designed to appeal to a broad range of students. Currently, the programs include Independent Study, open to any student from the sophomore through senior year. The intent is to encourage the participant to embark upon a project or research design of his choice, provided he is able to defend his proposal before an appropriate member of the faculty under whose guidance he has elected to work; and the Quarterly Seminars, which seek to challenge the varied background of students and to provide an additional outlet, both intellectual and creative, for faculty and highly motivated learners.

INTERNATIONAL STUDIES
John G. Merriam, Kathleen H. Merriam, Advisers for Planned Program in International Studies

An interdisciplinary planned program for the undergraduate who wishes to pursue a concentrated course of studies in preparation for research, teaching, or administrative
specializations in the areas of East Asia, Latin America, the Middle East, the Soviet Union, and Eastern Europe.

A student specializing in the areas of East Asia, the Middle East, the Soviet Union, or Eastern Europe completes 20 hours of basic courses—History 153, Political Science 101, Economics 201, Geography 230, and Sociology 231—together with 25 hours of courses in his area of specialization to be chosen in consultation with his major adviser. To insure maximum exposure to the intellectual and literary traditions of the area of his choice, the student must complete 9 hours of courses above the 202-level in an appropriate language—German, Russian, or French. The student also is encouraged to take advantage of appropriate programs of study abroad sponsored by Bowling Green or other universities which can contribute to his familiarization with his major area of interest. An appropriate minor is chosen in consultation with the International Studies adviser.

**Latin American Studies**
Jack Thomas, Adviser for Planned Program in Latin American Studies

An interdisciplinary planned program for those students who want to specialize in the Latin American area. The student takes fifty hours of courses in the departments of history, geography, political science, Spanish, and economics along with a Latin American studies senior seminar. The student's foreign language is Spanish and an appropriate minor is selected in consultation with the Latin American studies adviser.

**Mass Media**
Joseph A. Del Porto, Adviser for Planned Program in Mass Media

The Mass Media Program is one designed to give students—as consumers of the mass media—an opportunity to examine the role of the mass media in a democratic society. Primarily for students not planning careers in print, broadcast, or film media.

**Popular Culture**
Ray B. Browne, Adviser for Planned Program in Popular Culture

The Center for the Study of Popular Culture is dedicated to broadening the base of college and university education to make it more inclusive and therefore more democratic and more viable. The Program, therefore, is not so much interdisciplinary as supradisciplinary. The goal of the program is to provide a wide, comprehensive approach to knowledge that presents timely studies in a setting of relevancy in order to demonstrate synthesis and relative significance. The emphasis is on the use and applicability of the subject matter in the world today. Because, however, contemporary life is not without antecedents, historical material is brought in as required or when useful. The effectiveness of this overall approach derives from considering Popular Culture as a function rather than a discipline. The Director of the Center, or his representative, in consultation with the other members of the Advisory Committee, directs the program and serves as adviser to each student in setting up a schedule adapted to his special interests and needs and to the requirements of the college and the Program.

The Program consists of a minimum of 65 hours within the Popular Culture Program and the following departments: Education, English, Geography, History, Home Economics, Journalism, Marketing, Music, Philosophy, Political Science, Psychology, Sociology and Speech. Exceptions may be made to suit the needs and desires of individual students. No more than 15 hours may be taken in a single department other than the Popular Culture Program. See course description supplement for specific courses available in the program.

**PROGRAMS OF STUDY ABROAD**
Warren J. Wolfe, Coordinator of Academic Programs Abroad
Herbert Gauerke, Program Director

**AUSTRIA**

The Department of German and Russian conducts an academic year abroad program in Salzburg, Austria. The program consists of two semesters (equals
three quarters) of academic study in a German-speaking country with an excellent cultural environment.

A carefully designed curriculum includes courses in the German language and the literature of the German-speaking countries, as well as courses in related areas (music, history, geography, government, and education) as they pertain to Central Europe. All academic work is done in German. An American program director resides in Salzburg and supervises the program. Teaching staff is drawn from the faculty of the University of Salzburg. Students live with Austrian students in a dormitory. Group travel to historical and cultural centers of Germany and Austria is included in the program which generally runs from around October 1 through July 1.

Applications for the program are accepted starting in January of every academic year. Applicants must have junior standing and the equivalent of two years of college German by the time the year abroad commences. A minimum grade point average of 2.25 overall and 2.5 in all German courses taken is required.

FRANCE
Warren J. Wolfe, Program Director

The Department of Romance Languages has established an academic-year program of French studies in conjunction with the Institut d'Etudes Francaises in Tours, France. All courses are conducted in French and include work in art, geography, history, French language and literature, and philosophy. A student lives in a carefully chosen private home near the Institut. Visits to important historic and cultural centers are an integral part of the program.

The study program is open primarily to a junior regardless of his major area of study. A student must have a minimum grade point average of 2.25 in all academic work and an average of 2.5 in French courses. The minimum preparation in French is the completion of the intermediate college course.

SPAIN
Michael J. Flys, Program Director

The Department of Romance Languages conducts an independent year-around study program in Madrid, Spain. It is divided into four quarters and offers an interested student an opportunity to study in the culturally rich environment of the Spanish capital.

A carefully designed curriculum includes courses in Spanish language and literature and the related areas of the art, geography, history, and philosophy of Spain. All courses are taught in Spanish and are fully approved by the respective departments at Bowling Green State University. Teaching personnel is drawn from the staff of Spanish institutions of higher learning. An American program director resides in Madrid and supervises the academic program. A student lives at a privately owned academic and residence center operated by the program. Group travel to historic and cultural centers of Spain is included in the program.

This program is open to any qualified student regardless of his major area of study. A student must have completed the intermediate college course in Spanish or its equivalent and must have sophomore standing or above. He must have a minimum grade point average of 2.25 in all academic work taken and an average of 2.5 in Spanish courses.

In addition to its offering for an undergraduate, the Department conducts a graduate summer study program for a student enrolled in the M.A. degree program in Spanish.

AASCU-RELATED PROGRAMS

As a member of the American Association of State Colleges and Universities, Bowling Green State University provides opportunities for its students to participate in AASCU-related academic year programs. These currently include study in Canada, India, Italy, and Mexico.
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UNIVERSITY CALENDAR 1972-73

FALL QUARTER

September 23, Saturday  Residence halls open for freshmen and transfer students: 9:00 a.m.
September 24, Sunday  Fall quarter orientation begins; residence halls open for upperclass students: 9:00 a.m.
September 26, Tuesday  Deadline for fee payment: fall quarter
September 27, Wednesday  Classes begin—8:00 a.m.
October 14, Saturday  Band Day: Kent State football
October 28, Saturday  Homecoming: Marshall football
November 11, Saturday  Dad's Day: Dayton football
November 22, Wednesday  Beginning of Thanksgiving recess—8:00 a.m.
November 27, Monday  Resumption of classes—8:00 a.m.
December 11, Monday  Fall quarter examinations begin
December 14, Thursday  Fall quarter examinations end
December 15, Friday  Fall commencement

WINTER QUARTER

January 2, Tuesday  Deadline for fee payment: winter quarter
January 3, Wednesday  Classes begin—8:00 a.m.
February 2, Friday  Winter sports festival
February 3, Saturday  Winter sports festival
March 13, Tuesday  Winter quarter examinations begin
March 16, Friday  Winter quarter examinations end
March 17, Saturday  Winter commencement

SPRING QUARTER

March 24, Saturday  Deadline for fee payment: spring quarter
March 26, Monday  Classes begin—8:00 a.m.
May 28, Monday  Memorial Day—classes begin at 5:00 p.m.
June 4, Monday  Spring quarter examinations begin
June 7, Thursday  Spring quarter examinations end
June 9, Saturday  Spring commencement

SUMMER QUARTER

June 16, Saturday  Deadline for fee payment: summer quarter
June 18, Monday  Classes begin—8:00 a.m.
July 4, Wednesday  Independence Day—no classes
July 20, Friday  First term ends
July 23, Monday  Second term begins
August 24, Friday  Summer quarter ends
August 25, Saturday  Summer commencement