



THE COLLEGE OF EDUCATION
Advising Offices Are Located in:

Office of Academic Services
306 White Hall
(330) 672-2862

I COLLEGE OF EDUCATION

AIMS AND ORGANIZATION

ACCREDITED BY THE NATIONAL COUNCIL for the Accreditation of Teacher Education for the preparation of teachers, and school service personnel at the bachelor's, master's, educational specialist, and doctoral levels, the College of Education serves as one of the state's recommending agencies for licensure to teach in Ohio.

Aims of the College

The college accepts the responsibility of contributing to the solution of educational problems through a position of leadership at all levels of society, local to international. The college contributes to the discipline of education through a commitment to innovation and research. This commitment is further enhanced by dialogue with international educational bodies. The College of Education mission priorities adopted by the faculty are the following:

1. Preparing professionals to view education from a global/international perspective, and to become highly skilled in working with individuals of diverse characteristics, abilities, and cultures to achieve full development of their potential as contributing members of their societies.
2. Preparing educators to promote wellness and employability through professional work in schools and community agencies with individuals, groups, and families.
3. Providing leadership in the development of the knowledge base necessary to improve educational practice in schools and community agencies.

Functions of the College

The College of Education contributes to the resolution of educational problems and the improvement of educational practices across multiple settings in this complex and pluralistic society.

Consistent with the University's aims, the College of Education engages in six major functions at the local, state, national, and international levels.

1. Generating and disseminating knowledge about education and training that contributes to the development of effective educational theory, policy, and practice.
2. Providing initial and continuing preparation programs for educators in various professional roles: teachers, trainers, instructors, administrators, counselors, supervisors, and researchers.
3. Providing initial and continuing preparation programs for educators in multiple settings: preschools, schools, hospitals, businesses, industries, governmental organizations, trade unions, social agencies, and institutions of higher education.
4. Exerting leadership in the identification, analysis, and resolution of educational issues and problems.
5. Pursuing research and development of instructional resources, technology, and clinical/instructional procedures that support educational programs.

6. Providing service and consultation to individuals and organizations involved in the educational process.

Administratively, the college is organized into three departments, each focused on different aspects of its mission of the 1990s. These units are the Department of Teaching, Leadership, and Curriculum Studies; the Department of Adult, Counseling, Health, and Vocational Education; and the Department of Educational Foundations and Special Services.

Degrees Offered

The College of Education offers two undergraduate degrees: the Bachelor of Science in Education and the Bachelor of Science. The College of Education also offers the following graduate degrees: the Master of Education, Master of Arts, Master of Arts in Teaching, Educational Specialist, and the Doctor of Philosophy. These programs are described in the *Graduate Schools Catalog*.

Agencies and Centers of the College of Education

To help achieve its aims and to promote its functions, the College of Education provides the following agencies: the International and Intercultural Education Center, the Center for Educational Leadership Studies, the Center on Innovation in Transition and Employment for Youth with Disabilities, the Child Development Center, the Reading and Writing Development Center, the Bureau of Research Training and Services, the Counseling and Human Development Center, the Office of Academic Services, the Office of Professional Development and Partnerships, the Instructional Resources Center, the Learning Development Center, and the Office of Student Life.

Office of Academic Services

The Office of Academic Services, located in 306 White Hall, is responsible for the following services:

1. Maintaining student academic records;
2. Monitoring student progress;
3. Providing academic counseling;
4. Providing assistance to students having special concerns;
5. Providing orientation for transfer and nontraditional students;
6. Providing students with information about licensure requirements, college and University procedures, and special examinations such as the Pre-Professional Skills Tests (PPST) and the National Teacher Examination (NTE);
7. Monitoring teacher licensure standards and requirements;

8. Disseminating College of Education and University information of a general nature.

Office of Student Life

The Office of Student Life, located in 202 White Hall, is responsible for the following services:

1. Improving the quality of life for all students in the College of Education;
2. Developing programs to foster recruitment and retention of students from underrepresented populations;
3. Serving as ombudsman;
4. Providing a home base for student organizations;
5. Providing advising, counseling, and referral services for students in the College of Education with a primary focus on students from underrepresented populations;
6. Providing tutorial services for students in the College of Education;
7. Coordinating a mentoring program (initial focus will be on students from underrepresented populations);
8. Coordinating an early warning program for students in the College of Education;
9. Providing support services for international students;
10. Working with faculty and staff relative to student concerns and minority recruitment;
11. Disseminating information concerning special events of the College of Education and the University.

UNDERGRADUATE PROGRAMS

The Basic Program of Teacher Education

To prepare qualified teachers, the college offers a diversified but coherent program. The two segments of this program, General Education and Professional Studies, are integrated in several ways so that the graduates achieve comprehensive preparation for the art of teaching. The components of the program are described below.

General Education

A teacher should be an informed and cultured person who understands the society which is served. The teacher must be not only knowledgeable of the culture but also able to appraise it. Therefore, the need to be educated to think critically, particularly in regard to crucial social issues, is extremely important. In addition to being able to use the scientific methods of establishing sound generalizations based on facts, the teacher should be devoted to the moral and ethical values of our democratic society. The educator not only should be actively aware of the individual's responsibilities in our social order but also should understand the role of the United States in a world that is becoming increasingly interdependent.

The teacher should be aware of the impact of applied science upon American and other societies and be acquainted with the new frontiers being opened as a result of exploration in the behavioral, biological, and physical sciences.

The teacher should be encouraged to read widely in American and world literature to gain insights into ways of thinking in different cultures at different periods of time. To make worthwhile use of leisure time, aesthetic appreciations in such areas as art and music, as well as skills of a recreational nature, should be developed.

In fulfillment of the above purposes, a minimum of one-third of students' programs consist of appropriate courses in the liberal arts and sciences.

To receive a baccalaureate degree from the College of Education, students must, in addition to other requirements, satisfy the 39-hour minimum requirement stipulated in the Liberal Education Requirements (see pages 76-78).

Professional Studies

Upon admission to the College of Education, students will begin professional studies. Students will be continually evaluated to determine students' eligibility to progress in the program and to pursue advanced study. Because programs have enrollment limits, continuation in students' programs of choice is not guaranteed. Specific criteria are listed in the student handbook available in the Office of Academic Services, 306 White Hall.

Specialized Education

A teacher should be thoroughly prepared in a subject matter field. In the Kent State University program, at least 40 percent of students' entire college coursework is devoted to mastery of the subject or subjects to be taught. Programs are planned in accordance with standards prescribed by appropriate learned societies; e.g., the National Council for Teachers of English (NCTE).

Professional Preparation

A teacher should understand the body of knowledge and be a master of the skills that make teaching a singular profession. In the Kent State University program, in addition to the breadth of general studies and the depth of specialized study, the students devote approximately one-fifth of the time to professional preparation. In this, the core of the contribution of the College of Education, the basic purpose is to prepare graduates who value teaching as a profession which demands top effort, challenges the full intellect, and satisfies the will to serve. To achieve this purpose, the College of Education, through a unified and sequential program of classroom instruction, professional laboratory experiences, personal counsel, and field and clinical experiences, endeavors:

1. To stimulate all students to build their teaching careers upon sound teaching principles supported by the best research in human growth and development.
2. To provide for all students a meaningful sequence of classroom and laboratory experiences culminating in a thorough student teaching assignment.
3. To improve all students' skills in human relations.
4. To develop within all students an understanding of the role of education in our society and in the world.

Under Ohio state standards, all teachers are to be prepared in:

- the teaching of reading,
- multicultural/human relations education,
- clinical use of diagnostic instruments,
- behavior management,
- self-assessment of teaching skills, and
- effective use of educational media.

Field Experiences

In each certificated program students are required to participate in observation and instructional activities in natural education settings throughout the program. Due to the nature of the experiences and school schedules, field experiences typically must be scheduled during times other than the hours specified for class meetings. To meet such requirements students are responsible for arranging their schedules as needed each semester. Students are also responsible for obtaining transportation to settings as designated by course instructors.

In order to support NCATE and ODE requirements to ensure that students have experiences in urban, suburban, and rural settings as well as with special needs populations, the College of Education is working to utilize partnership schools as placement sites. Students will be placed in these sites only unless supervision can be arranged elsewhere.

Community Health Education

The community health program prepares individuals to work as health educators in nonschool settings, such as public and private agencies at both the local and national level (The American Cancer Society, The Arthritis Foundation, etc.); industrial health programs, professional associations (The American Dental Association, The American School Health Association); hospitals (as patient educators); clinics, crisis centers, and more. The program develops health educators who can help transmit health information from the medical arena to the public, promote preventive health behaviors, motivate early detection of disease, and promote medical care cooperation.

Although this program does not result in teacher certification, in order to be eligible for internship and graduation, the students must have achieved a 2.50 cumulative GPA. Graduates of this program receive a Bachelor of Science degree.

Educational Studies

The Educational Studies program is a non-licensure option which is designed for individuals who wish to function as educators in human services and resource settings such as business and industry, religious, community, or interest and advocacy groups. The Bachelor of Science in Education degree is granted upon completion of the program.

Programs are developed to reflect a consideration for the nature of the setting in which educators will work (e.g., youth center, social agency, museum, park, business), the particular skills and competencies required in such an educational career, (e.g., program planning, technology utilization, interpersonal and multicultural facilitation), and the nature of the particular educational function which characterizes the options (e.g., program design, instruction, service delivery).

Students are required to meet all University requirements for graduation. The students choose an elective concentration that is supportive of their particular career emphasis and goal, selected from offerings in the College of Education and other professional schools.

Additional information can be obtained from 316 White Hall, (330) 672-7977.

ACADEMIC REGULATIONS AND INFORMATION

In addition to the college regulations explained below, students should carefully read the "Academic Regulations and Information" section of this *Catalog*.

Admission

Students admitted to the College of Education as freshmen must have been fully admitted to the University and must have met the selection criteria specific to the College of Education.

Preenrollment program advising is required of all students admitted as freshmen to the college.

The following regulations apply to students who have had some college work either at Kent State University or elsewhere and who seek to transfer into the College of Education:

1. Students will be accepted by transfer if they have achieved a 2.50 or better in previous coursework. They must meet as soon as possible all requirements for admission to advanced study described on page 187.
2. Graduates of other colleges enrolling in the College of Education to earn the degree of Bachelor of Science in Education must also meet the requirements for admission to advanced study as described on page 187. This necessitates application at least one month prior to the semester in which enrollment is sought so that previous records may be studied, tests arranged, interviews conducted, etc., before admission is granted. The basic program of the college as described on pages 184-185 must be met. Appropriate substitutions will be allowed within these general requirements. Failure to produce at least a 2.50 average in the first semester of registration or failure to maintain at least a 2.50 average in subsequent semesters may result in dismissal from those postgraduate certification programs. A 2.50 average is needed for admission to student teaching and for certification.

Academic Advising

During the first semester of the freshman year the students' faculty advisers are their UNIVERSITY ORIENTATION INSTRUCTORS. During that semester students will complete an Adviser Assignment Form to obtain a permanent academic adviser. Regular consultation with a faculty adviser is an essential aspect of all students' personal academic management and planning. Consultation at least once each semester for scheduling advice, questions about the major, other issues or concerns, is the minimum expectation.

The Office of Academic Services, 306 White Hall, provides an additional source of information dealing with academic requirements and student progress toward completion of degree programs. The office provides services to students who are undecided about a choice of academic major, who are contemplating general changes of academic programs and to those placed on academic or professional probation; also, it treats other issues beyond the immediate purview of the department in which the students' academic advisers are based. Program counselors may be seen by appointment by calling (330) 672-2862.

It is the **students' responsibility** to seek out and use the advising resources available.

Transfer Advising

Students transferring into the college from another university should make an appointment to meet with a program counselor in the Office of Academic Services to determine applicability of transfer credits to their program before registering for classes. In some cases, the students will then be referred to the appropriate depart-

ment for a determination on specialized courses. All transfer students will need to complete an Adviser Assignment Form to obtain a permanent academic adviser.

Professional Probation

Students in the College of Education must have a 2.50 in order to progress in their programs and ultimately graduate (some programs may require a slightly higher GPA). Unless other factors are present, the students who do not meet the prescribed conditions of professional probation will be asked to transfer out of the College of Education. An appeal of this decision is directed to the Associate Dean of Academic Affairs, College of Education.

Transient Work at Another University

If undergraduate students wish to take coursework as transients at another university, they must meet the following requirements:

1. Be in good academic standing.
2. Obtain prior approval from the chairpersons of the appropriate Kent State University departments and from the dean's representative in 306 White Hall.

Professional Requirements

All students in the College of Education must meet Professional Requirements. This college believes that maintaining a high quality of teaching in the schools and further strengthening teaching as a profession require aspirants to meet the certain basic standards.

Purpose and Administration of the Program

The purpose of Professional Requirements is to ensure that education majors have adequate backgrounds and capabilities in certain skills fundamental to teacher effectiveness. In order to achieve this goal, the counseling component of the College of Education Office of Academic Services will seek to identify students whose skills need strengthening and will refer them to remedial and support services. Students for whom it appears a career in professional education is not a wise choice will be counseled to pursue an alternative goal related to their interests.

A representative faculty committee studies this program, alters it, and implements it. The program is administered by the associate dean for teacher education, College of Education. Please call or visit the College of Education Office of Academic Services, 306 White Hall, if you have questions or concerns about Professional Requirements.

The Professional Requirements must be met by the time students apply for admission to advanced study.

Personal records of all students are carefully checked to determine whether the standards have been met. The faculty has directed that certain penalties must be invoked by the associate dean for teacher education if the standards have not been met by established deadlines. It is likely that students will be deregistered from upper-division courses if professional requirements have not been met.

REQUIREMENTS FOR ADMISSION TO ADVANCED STUDY

The advanced study requirements are comprehensively described in the *Teacher Education Student Handbook*. This handbook is made available to all students upon entering the College of Education.

Briefly, the Professional Requirements consist of the following items:

College English

All students are required to attain at least a "C" in each freshman English course.

Communications Competencies

Students must meet the qualifying score of 646 on the Communication Skills portion of the National Teacher Examination (NTE).

General Knowledge Competencies

Students are required to meet the qualifying score of 642 on the General Knowledge portion of the National Teacher Examination (NTE). It is recommended that students take this test during their fourth semester of study.

Mathematics Competencies

Early Childhood, Middle Childhood and Intervention Specialist majors must complete MATH 14001 and MATH 14002 with grades of "C" or better in both courses and attain a score of 174 or better on the Mathematics subtest of the Pre-Professional Skills Test (PPST), achieve an equivalent score of 319 on the Mathematics subtest of the Computer-Based Academic Skills Assessment Test or pass the Professional Standards Mathematics Test.

Integrated Mathematics majors must also clear the mathematics standard by earning a score of 174 or better on the Mathematics subtest of the Pre-Professional Skills Test (PPST), achieving an equivalent score of 319 on the Mathematics Subtest of the Computer-Based Academic Skills Assessments Test or passing the Professional Standards Mathematics Test.

Advising Sheet

All students must have an advising sheet on file in 306 White Hall by 30 hours. This advising sheet is a formal evaluation of all progress toward completion of the students' chosen degree programs. This may be accomplished by appointment with a program counselor or by requesting an advising sheet by mail.

Grade Point Average

All students must show evidence of a 2.50 cumulative GPA or higher. Some programs may require a higher GPA.

Adolescence to Young Adult Content Area Grade Point Average

A 2.60 GPA in the Adolescence to Young Adult content area is required for admission to advanced study, for student teaching, and for graduation. A minimum grade of "C" is required in each course within the content area. Majors in the following areas are impacted: earth science; integrated language arts; integrated mathematics; integrated science; integrated social studies; life science; life science/chemistry; physical science; and all foreign languages. The minor in mathematics is also subject to this requirement.

This requirement is effective for students entering an adolescence to young adult program as of Fall semester 1995. This also affects students admitted to the University as of the 1995-96 *Catalog* who declare an education minor and pursue licensure in any of the above areas.

Good Moral Character Affidavit

The College of Education at Kent State University requires affirmation of the moral character of its students. Students must be able to answer No to the following questions: Have you ever had a criminal conviction sealed or expunged? Have you ever had a teaching credential limited, suspended, or revoked? Have you ever surrendered a teaching credential? The students further declare that they possess good moral character and have never pleaded guilty to or been convicted of any felony or misdemeanor, other than traffic offenses, in Ohio or any other state.

Any students in the College of Education who cannot attest to the above should immediately contact a program counselor in the College of Education, Office of Academic Services, 306 White Hall, (330) 672-2862. Falsification of information is grounds for dismissal and nonlicensure.

This affidavit must be completed, witnessed by a College of Education Academic Services staff member, and placed on file in 306 White Hall.

Completion of the following courses with grades of "C" or better:
EDPF 19525, Inquiry into the Profession,

EDPF 29525, Inquiry into Teaching and Learning,

Please note: Students must be in a teacher education program in order to take these courses.

Please note: Speech Pathology and Audiology majors are not required to take these courses.

Personal-Professional Characteristics

In order to insure the welfare of children and the integrity of the teaching profession, the personal-professional characteristics of those licensed to teach must not discredit the individual or the profession. If, in the judgement of the faculty, characteristics exist which are unsuitable in a teacher or which may prevent effective performance in the classroom, recommendations for remediation and referrals to sources for help will be made. Students for whom it appears education is not a career in which they can succeed will be counseled to pursue an alternative goal related to their interests.

Reevaluation Following Withdrawal

Students who withdraw from a teacher education program for a period of five years or more may be subject to a reevaluation of clearance on the requirements for admission to advanced study. Reevaluation may be recommended by a program counselor in the College of Education Office of Academic Services or faculty adviser. Reevaluation is regarded as mandatory when the students have withdrawn for a period of ten years or longer.

Due Process

Procedures have been established so that students who wish to appeal an academic decision may do so. Any formal appeal must be initiated in writing through the appropriate department chairperson. If satisfaction is not obtained at the departmental level, appeals are reviewed by the associate dean for teacher education and, if necessary, by the College of Education Undergraduate Standards and Appeals Committee.

The College of Education ombudsman is available to students who wish to obtain further information regarding the appeals procedure. That office is located in 202 White Hall and the phone number is (330) 672-2828.

Application for Admission to Advanced Study

Upon completion of 60 semester hours of coursework, students should be ready to apply for admission to advanced study. **Teacher education students must be admitted to advanced study in order to take upper-division professional coursework.** All forms related to the process are available in the Office of Academic Services, 306 White Hall, and Regional Campus offices.

Admission to advanced study requires completion of the requirements listed on pages 187-188.

Students are expected to apply for advanced study during the first two weeks of the semester in which requirements will be completed.

The application form and evaluation materials will be forwarded by the College of Education Office of Academic Services to the appropriate officials for review. Students will be informed of any additional screening criteria required by the program and will be notified regarding the outcome of screening.

Student Teaching

It is important that students determine **well in advance** the semester in which they will be eligible to student teach. Application must be made **one full year** before student teaching is anticipated.

The process begins with establishing student teaching eligibility. Eligibility forms are available in 409 White Hall. The students' faculty advisers can inform the students of specific requirements for student teaching in the chosen program. A minimum 2.50 overall GPA is required—some programs require higher professional and content area averages. Completed forms should be returned to 409 White Hall. Deadlines must be observed carefully to avoid a delay in placement.

After receiving notification of eligibility for student teaching, the students must pick up an application packet in person from the office designated in the eligibility notification and return the completed forms before the announced deadline. Prior to student teaching most students will attend an orientation meeting and visit the school where they will be student teaching.

The decision concerning the site for the placement of a student teacher is the responsibility of the college. All students are responsible for obtaining housing and transportation in order to do teaching at the assigned site.

Student teaching requires that all students arrange their schedules to be able to devote a full-time effort to this experience.

Graduation Requirements

The degree of Bachelor of Science in Education (B.S.E.) is granted upon completion of graduation requirements in all teacher education programs. The degree of Bachelor of Science (B.S.) is granted upon completion of the program in Community Health Education.

1. A minimum of 121 semester hours of credit is required for graduation in some fields although most fields require more hours. At least 39 hours must be upper-division coursework. Courses either failed or repeated are not included toward hours completed for graduation. Developmental courses under Arts and Sciences are not used toward graduation hours.
2. The final year of work (last 30 hours) preceding graduation should be completed at Kent State University. Under certain extenuating circumstances, the student may request a reduction of this requirement in a written communication to the associate dean for academic affairs, College of Education. This must be done well in advance of the time the student expects to register and the exact course or courses must be described completely.
3. Statements in the Professional Requirements Program are an integral part of graduation requirements; these stated requirements must be met.
4. Liberal Education Requirements must be satisfied. (See pages 76-78 of this *Catalog*.)
5. Students must meet the course requirements of one of the various curricula described later in this section of the *Catalog*.
6. The total major or minor sequence requirements cannot have been completed by work taken at other institutions. Students must take at least one course in each of these sequences at Kent and receive a grade of "B" or better.
7. Writing-Intensive Course Requirement: Refer to either pages 64 or 79-80 of this *Catalog* for specific information on the Writing-Intensive Course Requirement.
8. A minimum 2.50 GPA is required in most majors, minors, and professional sequences. Two exceptions are Intervention Specialist which requires a 3.00 in the professional sequence and Adolescence to Young Adult content areas which require 2.60. The latter is effective for students who entered a teacher education program as of the 1995-96 catalog.
9. In accordance with College of Education policy, at the time of graduation an overall cumulative grade point average of at least 2.50 is required in all work taken at Kent for students in all education programs.
10. No more than 4 semester hours of credit in physical education basic activity courses (PEB) are permitted toward graduation.
11. No more than 10 semester hours of correspondence course credit may be applied toward graduation. Correspondence work may not be taken after one reaches the final 30 semester hours for the degree. Special methods or education titled courses may not be completed by correspondence.
12. The statements of graduation requirements or of the specifications within the various curricula are not binding upon the college or the University whenever students fail to maintain substantial registration during any two-year (twenty-four-month) period. This is interpreted as requiring the completion of 12 semester hours of credit during that period.
13. Students who have been dismissed from Kent and then reinstated must fulfill curricular, graduation, and Professional Requirements specified by the *Undergraduate Catalog* in effect at the time of their first enrollment after reinstatement.

TEACHER LICENSURE

National Teacher Examination (NTE)

In order to become licensed in the state of Ohio, students must successfully complete the required portions of the National Teacher Examination. These include the tests of general knowledge and professional knowledge in the core battery, along with the specialty area test(s). Minimum cut-off scores have been established and must be achieved in order for Kent State University to recommend students for licensure.

The NTE is offered approximately five times each year on the Kent Campus. Students may also arrange to take the NTE at any other authorized testing site and have their scores sent to the Kent Campus, Office of Academic Services. Registration must be completed five weeks prior to the test date. Information about test dates, fees, and locations can be obtained from the Office of Academic Services, 306 White Hall, or from Academic Testing Services, 261 Michael Schwartz Center.

There is a substantial fee for the NTE tests. It is suggested that when applying for financial aid, these costs be included in estimated educational expenses.

Provided satisfactory scores have been achieved on the NTE, graduates of teacher education programs in the College of Education are eligible for recommendation for the appropriate Ohio two-year provisional license, since all curricula in the college are organized to include minimum requirements established by the State Department of Education.

All individuals applying for initial licensure will also be required to complete a fingerprint check with the Bureau of Criminal Identification and Investigation (BCII). Anyone who has not lived continuously in Ohio for the last five years must also complete an FBI record check. Forms are available in 306 White Hall.

Recommendation for licensure by the College of Education and clearance of record checks by BCII and FBI (if appropriate) will result in the issuance of the appropriate two-year provisional license.

Graduates of other colleges who desire to complete requirements for a provisional license by taking postgraduate work at Kent State University must meet degree requirements in the College of Education. For information concerning post baccalaureate or graduate licensure programs, students should consult a counselor in 306 White Hall.

Procedures for Graduation and Licensure

1. Students should apply for graduation two semesters before the expected date of graduation in order to avoid last minute misunderstandings and delay of graduation. Specific deadline dates for application are posted on the bulletin board outside 306 White Hall and are listed in each semester's *Schedule of Classes* booklet. Applications may be obtained from the Registrar's Office or the College of Education Office of Academic Services, 306 White Hall. Students will take the completed form to 306 White Hall. Students will receive by mail a graduation audit. If students have any questions about remaining requirements, they should consult with an undergraduate staff member in 306 White Hall.
2. Students should complete registration in the Career Services Center in 261 Michael Schwartz Center. This is a service available to graduating seniors. There is a required fee. Additional fees may be necessary depending on services chosen.
3. All students should apply for licensure during the first five weeks of the semester in which they expect to complete all requirements. Application forms may be obtained from 306 White Hall and must be returned there with the appropriate fee.

All individuals applying for initial licensure will also be required to complete a fingerprint check with the Bureau of Criminal Identification and Investigation (BCII). Anyone who has not lived continuously in Ohio for the last five years must also complete an FBI record check. Forms are available in 306 White Hall.

Recommendations for licensure by the College of Education and clearance of record checks by BCII and FBI (if appropriate) will result in the issuance of the appropriate four-year provisional certificate.

Teaching licenses will not be processed by the State Department of Education in Columbus until students have successfully completed the National Teacher Exam (NTE) and have been cleared for graduation. Once the licenses have been processed in Columbus including the record check by BCII and FBI (if appropriate), they will be forwarded immediately to the recipients—approximately four to six weeks after graduation.

If documentation is requested by a school system prior to students' receipt of the teaching license, letter of completion will be issued by the Office of Academic Services, 306 White Hall.

MAJORS

Early Childhood Education

As part of an enrollment management plan, early childhood majors are admitted to the program on a selective basis. Students should contact the College of Education's Office of Academic Services, 306 White Hall, during the first year of study to inquire into the procedures and criteria associated with admission into the Early Childhood Education program.

The curriculum leads to the Ohio License valid for teaching in settings for children age three through grade three.

**Indicates courses that satisfy Liberal Education Requirements (see pages 76-78).*

I. FIRST YEAR	33
US 10001, University Orientation	1
ENG * 10001, 10002, College English I, II	6
Choose one of:	3
ART * 12001, Art Survey (3)	
ART 22006, Art History I (3)	
22007 Art History II (3)	
EDPF 19525 Inquiry into the Profession	4
Choose one of:	3
GEOG* 10160, Introduction to Geography (3)	
27063, World Geography (3)	
27064, Geography of U.S. and Canada (3)	
MATH 14001, Basic Math Concepts I	4
Choose one of:	3
MUS 22111, Understanding Music (3)	
22121, Music as World Phenomenon (3)	

PSYC* 11762, General Psychology	3
SOC 12050, Introduction to Sociology	3
Choose one of:	3
COMM 10000, Fundamentals of Speech (3)	
15000, Theory and Practice of Oral Discourse (3)	
II. SECOND YEAR . . . . .	.34
ECED 10120, Intro to Early Childhood Services . . . . .	.2
20163, Understanding Young Children . . . . .	.5
EDPF 29525, Inquiry into Teaching and Learning . . . . .	.3
ENG LER . . . . .	.3
FCS 24011, The Family . . . . .	.3
HED 20000, Health Education for Early Childhood Educators .3	
Choose one of:	3
HIST 11050, History of Civilization I (3)	
11051, History of Civilization II (3)	
12070, History of the United States:	
The Formative Period (3)	
12071, History of the United States:	
The Modern Period (3)	
SOC 22570, Inequality in Societies . . . . .	.3
Basic Sciences (see LER list)* . . . . .	.3
PEP 25033, Life Span Motor Develop . . . . .	.3
MATH*14002, Basic Math Concepts II . . . . .	.3
III. THIRD YEAR . . . . .	.36
ECED 30123, Language and Literacy . . . . .	.3
30164, Preschool Education . . . . .	.3
<i>must take 30123, 30164 concurrently</i>	
30134, Integrated Expressive Arts and	
Social Studies in Preschool . . . . .	.3
30144, Expressive Arts and Social	
Studies in the Primary Grades . . . . .	.3
30147, Teaching Mathematics and	
Science in Preschool . . . . .	.3
40105, Appropriate Phonics Instruction for	
Kindergarten and Primary Children . . . . .	.3
40114, Teaching Science in Early Years . . . . .	.3
40145, Music and Rhythms in Preprimary Education . .3	
40147, Teaching Mathematics: Early Years . . . . .	.3
EDPF 39525, Inquiry into Schooling . . . . .	.3
ENG 32001, Children's Literature . . . . .	.3
Basic Sciences (see LER list)* . . . . .	.3
IV. FOURTH YEAR . . . . .	.30
ECED 40125, Inquiry into Professional Practice . . . . .	.3
40126, Dev. Read. Lang: Early Years . . . . .	.3
40142, Home/School, Comm. Rel. . . . .	.3
40151, Guidance of Young Children . . . . .	.3
40165, Integrated Application of Preschool Curriculum .3	
40192, Internship in Preschool . . . . .	.6
40292, Internship in Kindergarten/Primary . . . . .	.6

ITEC 47427, Introduction to Microcomputers in Education. . .3	
TOTAL	133

Entry Year Requirements:

- ECED 60101, Constructivist Teaching in Early Childhood Classrooms (3)*
- ECED 60102, Developing a Balanced Literacy Program (3)*

Note 1: Students are assigned to a field experience two mornings a week (minimum 3 hours each day) for 15 weeks. Must be taken concurrent with the field experience. Coursework specified.

Note 2: The two semesters of the senior year require full time study. Students are assigned to an internship in a partnership school four full days a week with coursework the fifth day.

Note 3: The National Teaching Exam (NTE) is required for certification.

Note 4: Students are required to meet with their adviser each semester beginning in the sophomore year.

Middle Childhood Education

The Ohio Department of Education has defined the middle childhood teaching license for grades four through nine. Students who choose this major will be required to select two concentration areas from reading and language arts, mathematics, science, and social studies. Upon completion, they will be licensed to teach in those subject areas. At this time, there is no specialty area test of the NTE required in middle childhood.

I. FIRST YEAR . . . . .	.33
ENG 10001, College English I . . . . .	.3
10002, College English II . . . . .	.3
Choose one of:	3
22071, Great Books I (3)	
22072, Great Books II (3)	
MATH 14001, Basic Math Concepts I . . . . .	.4
14002, Basic Math Concepts II . . . . .	.3
EDUC 19525, Inquiry into the Profession . . . . .	.4
US 10001, University Orientation . . . . .	.1
Humanities LER's (2 courses) . . . . .	.6
Fine Arts LER . . . . .	.3
Concentration courses . . . . .	.3
II. SECOND YEAR . . . . .	.34-36
PSYC 11762, General Psychology . . . . .	.3
BSCI 10001, Human Biology . . . . .	.3
EDUC 29525, Inquiry into Teaching and Learning . . . . .	.3

FCS 41095, Special Topics: Early Adolescence	3
CHDS 20092, Field Experience I: MC	1
Basic Science LER	3
Social Science LER	6
Concentration courses	12-14
III. THIRD YEAR	34-36
EDUC 39525, Inq. into Schooling	3
MCED 30003, Effective Use of Phonics in Reading	3
30000, Curriculum and Organization in MC	2
30092, Field Experience II: MC	1
30001 Teaching Math in MC I	3
30002, Integrated Social Studies and Science in MC	3
30004 Reading and Writing in MC	6
Concentration courses	13-15
IV. FOURTH YEAR	30-34
MCED 40000, Teaching and Learning in MC	2
40092, Field Experience III: MC	1
40004, Teaching Reading with Literature in MC	3
49525, Inquiry into Professional Practice	3
HED 42575, Health and Learning: Strategies for Students and Teachers	3
Select 1 or 2 of the following:	3-6
<i>Choose advanced methods courses depending on concentration:</i>	
MCED 40002, Teach Science in MC II (3)	
40003, Teaching Social Studies in MC II (3)	
40001, Teaching Math in MC II (3)	
Concentration courses	6-7
MCED 43257, Student Teaching MC I	5
42358, Student Teaching MC II	4
TOTAL	130-139

Number of hours for various combinations of concentration

- Math and Science, 137-139*
- Math and Social Studies, 137-139*
- Math and Language Arts, 131-133*
- Science and Social Studies, 136*
- Social Studies and Language Arts, 130*
- Sciences and Language Arts, 130*

Science Concentration

I. Liberal Education Requirement Choices:	7
BSCI 10181, Biological Principles I	4
Choose one of:	3
10002, Ecology, Evolution and Society (3)	
ANTH 18630, Human Evolution (3)	
II. Science Content:	21-22
CHEM 10030, Chemistry in Our World	3
PHY 11030, 7 Ideas that Shook the Universe	3

Choose one from Physical Science	5
CHEM 10060, 10062, General Chemistry I and Lab (5)	
PHY 13001, General College Physics I (5)	
Choose one from Earth Sciences:	4
GEOL 11040, 11041, Earth Dynamics and Lab (4)	
11042, 11043, Earth History and Lab (4)	
Science Electives (Choose one course):	3-4
GEOL 21080, Oceanography (3)	
41073, Geology of Ohio (3)	
GEOG 31062, Fundamentals of Meteorology (3)	
41073, Conservation of Natural Resources (3)	
BSCI 20275, Local Flora (4)	
20021, Basic Microbiology (3)	
20560, Invertebrate Zoology (4)	
10182, Biological Principles II (4)	
PHY 24001, Astronomy (3)	
21430, Frontiers in Astronomy (3)	
21040, Physics in Entertainment and Arts (3)	

Education requirement:

MCED 40002, Teaching Science in Middle Childhood	3
total	28-29

Mathematics Concentration

MATH 12001, Algebra and Trigonometry	4
12002, Analytic Geometry and Calculus I	5
34001, Fundamental Concepts of Algebra	3
34002, Fundamental Concepts of Geometry	3
Choose one from:	3
10041, Elementary Probability and Statistics (3)	
30011, Basic Probability and Statistics (3)	
Choose two from:	6-8
12003, Analytic Geometry and Calculus II (5)	
21001, Linear Algebra with Applications (3)	
22005, Analytic Geometry and Calculus III (3)	
31011, Discrete Mathematics (3)	

Education requirement:

MCED 40001, Teaching Mathematics in Middle Childhood II	3
total	24-26

Social Studies Concentration

Humanities:	
<i>Please note, in addition to Great Books I or II and Fine Arts elective, students are to take the following:</i>	
HIST 12070, History of the United States: The Formative Period	3
12071, History of the United States: The Modern Period	3

ECON 22060, Principles of Microeconomics	3
GEOG 27063, World Geography	3
POL 10110, American National Government	3
Choose one from:	3
SOC 12050, Intro to Sociology (3)	
ANTH 18210, Intro to Cultural Anthropology (3)	
Choose one from:	3
HIST 11050, History of Civilization I (3)	
11051, History of Civilization II (3)	
Choose one from:	3
POL 10410, Introduction to World Politics (3)	
40436, Conflict and Cooperation in World Politics (3)	
40550, Governments of Europe (3)	
40551, Government and Politics of South America (3)	
40553, Governments and Politics of the Middle East (3)	
40558, African Political Systems (3)	
Choose one from:	3
HIST 31126, History of the Middle East (3)	
31130, History of African Civilization (3)	
31140, Modern Latin America (3)	
42297, Colloquium: China and Japan (3)	
GEOG 37068, Geography of African Development (3)	
37070, Geography of South Asia (3)	
37084, Geography of South America (3)	
37085, Geography of Central America and Mexico (3)	
ANTH 48260, Culture Conflict (3)	
48270, Native Peoples of North America (3)	
38250, Religion: A Search for Meaning (3)	
38260, Patterns of Peasant Life (3)	
48210, Culture and Communication (3)	
Education requirement:	
MCED 40003, Teaching Social Studies in Middle Childhood II	3
total	24

Reading/Language Arts Concentration

In addition to the twelve hours of reading required of all students in Middle Childhood, and three hours of English LER (Great Books I or II), Reading/Language Arts Majors will take the following:

Choose one from:	3
ENG 31001, Fundamentals of English Grammar (3)	
31003, Linguistics (3)	
COMM 25851, Public Speaking	3
ENG 25002, Literature in English II	3
Choose one from:	3
21001, Introduction to Ethnic Literature of the U.S. (3)	
21002, Introduction to Women's Literature (3)	
Choose one from:	3

COMM 26000, Criticism of Public Discourse (3)	
JMC 20001, Media, Power, and Culture (3)	

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Adolescence/Young Adult (7-12 Licensure)

- Earth Science
- Integrated Language and Arts
- Integrated Mathematics
- Integrated Science
- Integrated Social Studies
- Life Science
- Life Science/Chemistry
- Physical Science

Students preparing for adolescence/young adult teaching take the curriculum shown below. Variations depend upon the selected teaching field. Advising sheets for all majors are available in 306 White Hall. All education majors and minors are expected to meet with an education faculty adviser. These curricula lead to the Ohio Provisional License in Adolescence/Young Adult education in a specific area valid for teaching in grades seven through twelve.

- I. **General College or University Requirements:**
 - US 10001, University Orientation 1
- II. **Liberal Education Requirements:**

Adolescence/young adult education majors will be required to complete a minimum of 39 credit hours of Liberal Education Requirements. The Liberal Education Requirements listed below are required of all adolescence/young adult education majors. (In selecting other Liberal Education Requirements courses, students should consult their major listing pages 193-203, and the complete listing of Liberal Education Requirement courses on pages 76-78.)

Required of all adolescence/young adult majors:

 - COMM 15000, Theory and Practice of Oral Discourse 3
 - ENG 10001, 10002, College English I, II 6
 - PSYC 11762, General Psychology 3
- III. **Major and Minor Sequence:**

See major regulations listed under each area.
- IV. **Professional Courses:**

A block of 34 professional course credits must be completed. These include:

 - EDPF 19525, Inquiry into the Profession 4
 - 29525, Inquiry into Teaching and Learning 3
 - ADED 32142, Principles of Teaching Adolescents 3
 - EDPF 39525, Inquiry into Schooling 3
 - ADED 42292, Field Work Practicum 3
 - 49525, Inquiry into Professional Practice 3

Methods in licensure area	.6
ADED 42357, Student Teaching	.5
42358, Student Teaching	.4

Explanatory Notes

1. Students must be officially declared in a teacher education program to enroll in EDPF 19525, 29525.
2. Students enrolling in ADED 32142 must have been admitted to Advanced Study. A minimum grade of "C" must be obtained in this course.
3. Students must earn minimum grade of "C" in all methods courses.
4. The National Teacher Exam (NTE) is required for licensure.

Note: The teaching area methods courses are considered a part of the teaching major or minor field in art, business education, health, family and consumer studies, physical education, technology education, and music, but are still counted as a part of the professional sequence.

Curricula for majors in the special fields begin on page 203.

I. FIRST YEAR	.32
US 10001, University Orientation	.1
ENG 10001, 10002, College English I, II	.6
PSYC 11762, General Psychology	.3
EDPF 19525, Inquiry into the Profession	.4
Liberal Education Requirements*	.12
Teaching Certification Area*	.6
II. SECOND YEAR	.32
EDPF 29525, Inquiry into Teaching and Learning	.3
Liberal Education Requirements*	.19
Teaching Certification Area*	.10
III. THIRD YEAR	.33
EDPF 39525, Inquiry into Schooling	.3
ADED 32142, Principles of Teaching Adolescents	.3
Teaching Certification Area*	.27
IV. FOURTH YEAR	.33
Special Methods Course I	.3
ADED 42292, Field Work Practicum	.3
49525, Inquiry into Professional Practice	.3
Specialized Preparation: One of**	.3
C&I 47330, Reading and Writing in Adolescence/Adulthood (3)	
HED 42575, Health and Learning: Strategies for Students and Teachers (3)	
Special Methods Course II	.3
Teaching Certification Area*	.9

ADED 42357, 42358, Student Teaching	.9
TOTAL	130

Explanatory Notes

*Exact number of credits will vary depending on the licensure area. Courses that meet this requirement are individually designated by selected teaching field.

**Integrated Social Studies and Science licensure area students will take C&I 47330. Language Arts and Mathematics licensure area students will take HED 42575.

EARTH SCIENCE

I. General College or University Requirements:	.1
US 10001, University Orientation	.1
II. Liberal Education Requirements	.42-48
Composition	
ENG 10001, College English I	.3
10002, College English II	.3
Math, Logic, and Foreign Language	
Choose either:*	.4-6
MATH 11011, College Algebra (4)	
and	
11022, Trigonometry (2)	
or	
12001, Algebra and Trigonometry (4)	
Choose one of:	.3
MATH 10041, Elementary Probability and Statistics (3)	
30011, Basic Probability and Statistics (3)	
*This requirement may be waived by passing the placement exam given by Academic Testing Services.	
Humanities and Fine Arts	
COMM 15000, Theory and Practice of Oral Discourse	.3
PHIL 11001, Introduction to Philosophy	.3
Fine Arts Elective	.3
Social Sciences	
PSYC 11762, General Psychology	.3
Choose one of:	.3
20651, Child Psychology (3)	
21211, Psychology of Adjustment (3)	
Social Science Elective	.3
Basic Sciences	
CHEM 10060, General Chemistry I	.4
10062, General Chemistry Lab I	.1
10061, General Chemistry II	.4
10063, General Chemistry Lab II	.1
PHY 13001, General College Physics	.5
III. Major Requirements	.46
BSCI 10181, Principles of Biology I	.4
10182, Principles of Biology II	.4

PHY 24001, Astronomy	3
GEOL 11040, Earth Dynamics	3
11041, Earth Dynamics Lab	1
11042, Earth History	3
11043, Earth History Lab	1
21080, Oceanography	3
23063, Mineralogy	4
Choose one of:	4
32066, Geomorphology (4)	
33070, Petrology (4)	
34061, Invertebrate Paleontology	4
31062, Meteorology	3
31064, Climatology	3
GEOG 41082, Geography of Soils	3
41073, Conservation of Natural Resources	3
IV. Professional Education	.37
EDPF 19525, Inquiry into Education	4
29525, Inquiry into Teaching and Learning	3
39525, Inquiry into Schooling	3
C&I 47330, Reading and Writing in Adolescence/Adulthood	3
ADED 32142, Principles of Teaching Adolescents	3
42292, Field Work Practicum	3
49525, Inquiry into the Profession	3
32277, Teaching Science in Secondary Schools	3
42277, Topics in Secondary School Science	3
42357, Student Teaching	5
42358, Student Teaching	4
TOTAL	126-132

INTEGRATED LANGUAGE ARTS

I. General College or University Requirements:	.1
US 10001, University Orientation	1
II. Liberal Education Requirements	.41
Composition	
ENG 10001, College English I	3
ENG 10002, College English II	3
Math, Logic, and Foreign Languages	
Two semesters of foreign language	8
Humanities and Fine Arts	
Choose one of the following:	3
COMM 15000, Theory and Practice of Oral Discourse (3)	
26000, Criticism of Public Discourse (3)	
JMC 20001, Media, Power, and Culture	3
THEA 11000, Art of Theatre	3
ENG 21054, Introduction to Shakespeare	3
Social Sciences	
PSYC 11762, General Psychology	3
Select two from LER	6

Basic Sciences	
Select two from LER	6
III. Major Requirements:	.51-52
English	
ENG 25001, Literature in English I	3
25002, Literature in English II	3
30001, Introduction to English Studies	
Theory and Criticism	3
31002, History of the English Language	3
32002, Literature for Young Adults	3
Choose one of the following:	3
34011, World Literature in English (3)	
34031, Short Story (3)	
35201, The Bible as Literature (3)	
39495, Comparative Literature (3)	
Choose one of the following:	3
33011, African American Literature (3)	
34021, Women's Literature (3)	
Choose one of the following:	3
33001, U.S. Literature to 1865 (3)	
33002, U.S. Literature from 1865 - 1945 (3)	
33003, U.S. Literature from 1945 - Present (3)	
Speech/Theatre/Communication	
COMM 25851, Communication for Teachers	3
THEA 11303, Acting	3
COMM 25902, Communication Process	3
Journalism	
JMC 20004, Media Writing	3
47003, Teaching High School Journalism	3
ART 23700, Visual Design for Media I	1
23701, Visual Design Media II	1
Choose one of the following:	1
JMC 22000, Photography (1)	
22002, Videography (1)	
Writing Elective	
Choose one of the following:	3-4
ENG Any Course from Writing and Language Studies List (3-4)	
JMC 26001, Newswriting (4)	
COMM 25464, Argument (4)	
45154, Rhetorical Speaking (3)	
45007, Speech in Free Society (4)	
Language Elective	
Choose one of the following:	3
ENG Any Linguistics elective (3)	
COMM 45957, Language and Meaning (3)	
PSYC 30461, Psychology of Language (3)	
Technology and Communications Elective	
Choose one of the following:	3
THEA 11522, Lighting (3)	
11524, Costuming (3)	

11622, Scenery (3)	
21016, Makeup (3)	
JMC 20007, Media Information Gathering (3)	
IV. Professional Education	37
EDPF 19525, Inquiry into the Profession	4
29525, Inquiry into Teaching and Learning	3
39525, Inquiry into Schooling	3
ADED 32142, Principles of Teaching Adolescents	3
42292, Field Work Practicum	3
32147, Language, Literacy and Learning	3
HED 42575, Health and Learning: Strategies for Students and Teachers	3
ADED 42278, Assessment in Language Arts (see note 3)	3
49525, Inquiry into Professional Practice	3
42357, Student Teaching	5
42358, Student Teaching	4
TOTAL	130-131

Explanatory Notes

1. In addition to the required 129 hour Integrated Language Arts Program, students may extend their studies to achieve specialization in the areas of Journalism, Speech Communications, and Writing.
2. Students are required to complete ADED 49525 in the Language Arts section.
3. Students wishing to specialize in Speech or Journalism will be required to take all their electives in those areas and see their adviser for additional coursework.

INTEGRATED MATHEMATICS

I. General College or University Requirements:	1
US 10001, University Orientation	1
II. Liberal Education Requirements	39-41
Composition	
ENG 10001, College English I	3
10002, College English II	3
Math, Logic, and Foreign Language	
Select 6 hours from Logic or Foreign Languages	6-8
Humanities and Fine Arts	
COMM 15000, Theory and Practice of Oral Discourse	3
Select 9 hours from approved LER courses	9
<i>At least one course must be selected from the Humanities in Arts and Sciences; at least one course must be selected from the Fine Arts in Fine and Professional Arts section (select courses from list of approved courses)</i>	
Social Sciences	

PSYC 11762, General Psychology	3
Select 6 hours from approved LER courses	6
Basic Sciences	
Select 6 hours from approved LER courses	6
III. Major Requirements	44
CS 10051, Introduction to Computer Science	4
MATH 12002, Analytic Geometry and Calculus I	5
<i>Prerequisite MATH 12001 or proficiency test</i>	
12003, Analytic Geometry and Calculus II	5
21001, Linear Algebra with Applications	3
22005, Analytic Geometry and Calculus III	3
30011, Basic Probability and Statistics	3
31011, Discrete Mathematics	3
34001, Fundamental Concepts of Algebra	3
34002, Fundamental Concepts of Geometry	3
47021, History of Mathematics	3
At least one of:	
42011, Math Optimization (3)	
42021, Graph Theory and Combinatorics (3)	
42044, Applied Analysis I (3)	
42201, Introduction to Numerical Computing I (3)	
47011, Theory of Numbers (3)	
Two 40000 level electives to be approved by adviser	6
IV. Professional Education	40
EDPF 19525, Inquiry into the Profession	4
29525, Inquiry into Teaching and Learning	3
ADED 32142, Principles of Teaching Adolescents	3
32268, The Secondary Mathematics Curriculum	3
HED 42575, Health and Learning: Strategies for Students and Teachers	3
Professional Elective	3
EDPF 39525, Inquiry into Schooling	3
ADED 49525, Inquiry into Professional Practice	3
42292, Field Work Practicum	3
42268, Teaching Mathematics in Secondary Schools	3
42357, Student Teaching	5
42358, Student Teaching	4
TOTAL	124-126

INTEGRATED SCIENCE

Integrated Science prepares students to teach all sciences in grades seven through twelve.

I. General College or University Requirements:	1
US 10001, University Orientation	1
II. Liberal Education Requirements	42-48
Composition	
ENG 10001, College English I	3

10002, College English II 3

Math, Logic, and Foreign Language

Choose either: 4-6

MATH 11011, College Algebra (4)

and

11022, Trigonometry (2)

or

* 12001, Algebra and Trigonometry (4)

Choose one of the following: 3

10041, Elementary Probability and Statistics (3)

30011, Basic Probability and Statistics (3)

12002, Analytic Geometry and Calculus I 5

**This requirement may be waived with permission of the Department of Mathematics and Computer Science or by passing the placement exam given by Academic Testing Services.*

Humanities and Fine Arts

COMM 15000, Theory and Practice of Oral Discourse 3

PHIL 11001, Introduction to Philosophy 3

Fine Arts elective 3

Social Sciences

PSYC 11762, General Psychology 3

Choose one of the following: 3

20651, Child Psychology (3)

21211, Psychology of Adjustment (3)

Social Science elective 3

Basic Sciences

CHEM 10060, General Chemistry I 4

10062, General Chemistry Lab I 1

10061, General Chemistry II 4

10063, General Chemistry Lab II 1

III. Major Requirements 35

BSCI 10181, Principles of Biology I 4

10182, Principles of Biology II 4

30156, Elements of Genetics 3

GEOL 11040, Earth Dynamics 3

11041, Earth Dynamics Lab 1

11042, Earth History 3

11043, Earth History Lab 1

31062, Meteorology 3

PHY 11030, Seven Ideas That Shook the Universe 3

* 13001, General College Physics 5

* 13002, General College Physics 5

**If physics emphasis is chosen, then PHY 23001 University Physics I and PHY 23002 University Physics II should be taken instead.*

IV. Choose one of the following science emphases 30-33

For Life Science emphasis add:

BSCI 20140, Cell Biology 4

Choose one from: 4

30030, Human Physiology (4)

40430, General Physiology (4)

30360, Ecology 4

40163, Organic Evolution 3

GEOL 34061, Invertebrate Paleontology 4

GEOG 41073, Cons. of Natural Resources 3

Choose one from: 4

CHEM 20481, Basic Organic Chemistry (4)

30481, Organic Chemistry 1 (4)

30284, Introduction to Biological Chemistry 4

Choose one from: 3

PHY 24001, Astronomy (3)

21040, Physics in Entertainment and Arts (3)

33

For Earth Science emphasis add:

GEOL 23063, Mineralogy 4

Choose one from: 4

32066, Geomorphology (4)

33070, Petrology (4)

34061, Invertebrate Paleontology 4

GEOG 41082, Soils (3)

PHY 24001, Astronomy 3

Choose one from: 4

CHEM 20481, Basic Organic Chemistry I (4)

30481, Organic Chemistry I (4)

30111, Quantitative Analysis 4

BSCI 20560, Invertebrate Zoology 4

30

For Chemistry emphasis add:

Choose one from: 4

CHEM 20481, Basic Organic Chemistry (4)

30481, Organic Chemistry 1 (4)

30475, Organic Chemistry Lab 2

20111, Elementary Quantitative Analysis 4

30284, Introduction to Biological Chemistry 4

40567, Basic Concepts of Physical Chemistry 4

Choose one from: 3

PHY 24001, Astronomy (3)

21040, Physics in Entertainment and Arts (3)

21430, Frontiers in Astronomy (3)

BSCI 20140, Cell Biology 4

GEOL 41073, Conservation of Natural Resources 3

21062, Environmental Geology 3

31

For Physics emphasis add:

MATH 12003, Analytic Geometry and Calculus II 5
Choose one from: 3
 PHY 24001, Astronomy (3)
 21040, Physics in Entertainment and Arts (3)
 30020, Intermediate Physics Lab 2
 32511, Electronics 4
 36001, Modern Physics 3
 CHEM 10030, Chemistry in Our World 3
 40567, Basic Physical Chemistry 4
 GEOL 41025, Geophysics 3
 GEOG 41073, Conservation of Natural Resources 3

30

V. Professional Education 37

EDPF 19525, Inquiry into the Profession 4
 29525, Inquiry into Teaching and Learning 3
 39525, Inquiry into Schooling 3
 C&I 47330, Reading and Writing in Adolescence/Adulthood . 3
 ADED 32142, Principles of Teaching Adolescents 3
 42292, Field Work Practicum 3
 49525, Inquiry into Professional Practice 3
 32277, Teaching Science in Secondary Schools 3
 42277, Topics in Secondary School Science 3
 42357, Student Teaching 5
 42358, Student Teaching 4

TOTAL 145-154

INTEGRATED SOCIAL STUDIES

The content area coursework in Integrated Social Studies offers the choice of History, Geography, Sociology, Economics or Political Science Emphasis.

I. General College or University Requirements: 1

US 10001, University Orientation 1

II. Liberal Education Requirements 41

Composition

ENG 10001, College English I 3
 10002, College English II 3

Math, Logic, and Foreign Language Foreign Language

Select 2 courses in the same language 8

Humanities and Fine Arts

HIST 11050, History of Civilization I 3
 11051, History of Civilization II 3
 COMM 15000, Theory and Practice of Oral Discourse 3
 Fine Arts elective (select one course) 3

Social Sciences

PSYC 11762, General Psychology 3
 ECON 22060, Principles of Microeconomics 3
 SOC 12050, Introduction to Sociology 3

Basic Sciences

Select two courses 6

III. Core Requirements: 24

Psychology

Choose one of the following: 3

PSYC 21211, Psychology of Adjustment (3)
 21773, Applied Psychology (3)
 30651, Adolescent Psychology (3)
 30821, Psychology of Motivation (3)
 41282, Personality (3)
 41532, Social Psychology (3)

Economics

ECON 22061, Principles of Macroeconomics 3

Anthropology

ANTH 18210, Introduction to Cultural Anthropology 3

Interdisciplinary Studies

Choose one of the following: 3

A&S 30000, Colloquium in Women's Studies (3)
 30891, Introductory Seminar in
 Comparative Literature (3)

History

HIST 12070, United States Formative Period 3
 12071, United States Modern Period 3

Geography

GEOG 10160, Introduction to Geography 3

Political Science

POL 10110, American National Government 3

IV. Content Area Coursework 27

Choose one of the following emphases:

For History emphasis add:

HIST 31061, Ohio History 3
 41069, United States 1929-Present 3
Choose one elective from: 3

PAS 31800, Black Social and Political
 Thought 1750 - 1900 (3)
 31801, Black Social and Political
 Thought 1900 - Present (3)

HIST Electives (3-40000 level):

European since 1500 3
 Non-Western history 3
Choose one elective from: 3

GEOG 37040, Geography of Africa (3)
 37050, Geography of Russia and the
 Commonwealth States (3)
 37066, Geography of Europe (3)

37070, Geography of East and Southeast Asia (3)
 37079, Geography of South Asia (3)
 37084, Geography of South America (3)
 37085, Geography of Central America and Mexico (3)
 36065, Urban Geography (3)
 34070, Economic Geography (3)
 41073, Conservation of Natural Resources (3)
Choose one elective from: 3

POL 10410, Introduction to World Politics (3)
 10510, Introduction to Politics (3)
 20661, Introduction to Political Thought (3)
Choose one elective from: 3

POL 40183, Constitutional Law: Civil Rights and Liberties (3)
 30431, International Organizations (3)
 40666, American Political Ideas (3)
Choose one elective from: 3

SOC 22100, Sociological Analysis (3)
 22400, Individual and Society (3)
 22570, Inequality in Societies (3)

27

For Geography emphasis add:

GEOG 21062, Physical Geography 3
 29160, Introduction to Maps and Map Analysis 3
Choose one elective from: 3

GEOG 27063, World Geography (3)
 27064, Geography of United States and Canada (3)
Choose one regional course from: 3

GEOG 34070, Economic Geography (3)
 37040, Geography of Africa (3)
 37050, Geography of Russia and the
 Commonwealth States (3)
 37066, Geography of Europe (3)
 37070, Geography of East and Southeast Asia (3)
 37079, Geography of South Asia (3)
 37084, Geography of South America (3)
 37085, Geography of Central America and Mexico (3)
Choose one elective from: 3

GEOG 32080, Political Geography (3)
 36065, Urban Geography (3)
Choose one upper division elective from: 3

HIST 31061, Ohio History (3)
 41069, United States 1929-Present (3)
 Non-Western History elective (3)
Choose one elective from: 3

POL 10410, Introduction to World Politics (3)
 10510, Introduction to Politics (3)
 20661, Introduction to Political Thought (3)

Choose one elective from: 3

POL 40183, Constitutional Law: Civil Rights and Liberties (3)
 POL 30431, International Organizations (3)
 40666, American Political Ideas (3)
Choose one elective from: 3

SOC 22100, Sociological Analysis (3)
 22400, Individual and Society (3)
 22570, Inequality in Societies (3)

27

For Sociology emphasis add:

SOC 22100, Sociological Analysis 3
Choose one elective from: 3

22400, Individual and Society (3)
 22570, Inequality in Society (3)
Choose three electives from: 9

SOC 32560, Family and other Intimate Lifestyles (3)
 32569, Minorities in America (3)
 42478, Adolescent in Society (3)
 42570, Ethnic Groups in America (3)
 32210, Researching Society (3)
 32762, Deviant Behavior (3)
 42577, Sociology of Family Violence (3)
 42315, Sociology of Changing Gender Roles (3)
Choose one elective from: 3

GEOG 37040, Geography of Africa (3)
 37050, Geography of Russia and the
 Commonwealth States (3)
 37066, Geography of Europe (3)
 37070, Geography of East and Southeast Asia (3)
 37079, Geography of South Asia (3)
 37084, Geography of South America (3)
 37085, Geography of Central America and Mexico (3)
 36065, Urban Geography (3)
 34070, Economic Geography (3)
 41073, Conservation of Natural Resources (3)
Choose one upper division elective from: 3

HIST 31061, Ohio History (3)
 41069, United States 1929-Present (3)
 Non-Western History elective (3)
Choose one elective from: 3

POL 10410, Introduction to World Politics (3)
 10510, Introduction to Politics (3)
 20661, Introduction to Political Thought (3)
Choose one elective from: 3

POL 40183, Constitutional Law: Civil Rights and Liberties (3)
 30431, International Organizations (3)
 40666, American Political Ideas (3)

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For Economics emphasis add:

Choose one elective from:3

POL 10410, Introduction to World Politics (3)
 10510, Introduction to Politics (3)
 20661, Introduction to Political Thought (3)
Choose one elective from:3

POL 40183, Constitutional Law: Civil Rights and Liberties (3)
 30431, International Organizations (3)
 40666, American Political Ideas (3)
Choose one elective from:3

GEOG 37040, Geography of Africa (3)
 37050, Geography of Russia and the
 Commonwealth States (3)
 37066, Geography of Europe (3)
 37070, Geography of East and Southeast Asia (3)
 37079, Geography of South Asia (3)
 37084, Geography of South America (3)
 37085, Geography of Central America and Mexico (3)
 36065, Urban Geography (3)
 34070, Economic Geography (3)
 41073, Conservation of Natural Resources (3)
Choose one upper division elective from:3

HIST 31061, Ohio History (3)
 41069, United States 1929-Present (3)
 Non-Western History elective (3)
Choose one elective from:3

SOC 22100, Sociological Analysis (3)
 22400, Individual and Society (3)
 22570, Inequality in Societies (3)
Choose four electives from:12

ECON 32025, Money, Credit and Banking (3)
 32040, Intermediate Microeconomic
 Theory and Applications (3)
 32041, Intermediate Macroeconomic
 Theory and Practice (3)
 32070, Labor Problems (3)
 32083, Economics of Poverty (3)
 42072, Economics of Labor Markets (3)
 42073, Comparative Economic Systems (3)
 42075, International Economic Relations (3)
 42080, Regional Economics (3)
 42081, Urban Economics (3)
 42083, History of Economic Thought (3)
 42085, Public Finance (3)
 32084, Economics of Environment (3)
 32086, Economics of Education (3)
 42076, Economic Development (3)

42078, Economic History of Technological
 and Industrial Development (3)
 42295, (Special Topic) Economics of Health Care (3)
 42295, (Special Topic) Law and Economics (3)

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For Political Science emphasis add:

POL 20224, State and Local Government3
 10410, World Politics3
 20661, Introduction to Political Thought3
Choose one elective from:3

POL 40183, Constitutional Law: Civil Rights and Liberties (3)
Highly Recommended
 30117, U.S. Political Parties (3)
Recommended
 40114, The Presidency (3)
 40116, Public Opinion and Political Behavior (3)
 30110, The Congress (3)
 30118, Interest Groups and the Political Process (3)
 30221, Municipal Government (3)
Choose one elective from:3

International Relations/Comparative Politics

POL 30431, International Organizations (3)
Highly Recommended
 40554, Comparative Studies in Political Development (3)
Recommended
 30432, Comparative Foreign Policy (3)
 40430, United States Foreign Policy (3)
 40437, United States - Latin American Relations (3)
 40563, Human Rights and Third World Development (3)
 40543, Government and Politics of Emerging Asia (3)
 40551, Government and Politics of South America (3)
 40558, African Political Systems (3)
Choose one elective from Political theory:3

POL 40666, American Political Ideas (3)
Highly Recommended
 40661, Classical Political Thought (3)
 40662, Modern Political Thought (3)
 40663, Recent Political Thought (3)
Choose one upper division elective from:3

HIST 31061, Ohio History (3)
 41069, United States 1929-Present (3)
 Non-Western History elective (3)
Choose one elective from:3

SOC 22100, Sociological Analysis (3)
 22400, Individual and Society (3)
 22570, Inequality in Societies (3)
Choose one elective from:3

GEOG 32080, Political Geography (3)

37040, Geography of Africa (3)	
37050, Geography of Russia and the Commonwealth States (3)	
37066, Geography of Europe (3)	
37070, Geography of East and Southeast Asia (3)	
37079, Geography of South Asia (3)	
37084, Geography of South America (3)	
37085, Geography of Central America and Mexico (3)	
36065, Urban Geography (3)	
34070, Economic Geography (3)	
41073, Conservation of Natural Resources (3)	
	27
V. Professional Education	.37
EDPF 19525, Inquiry into the Profession	.4
29525, Inquiry into Teaching and Learning	.3
39525, Inquiry into Schooling	.3
ADED 49525, Inquiry into Professional Practice	.3
32142, Principles of Teaching Adolescents	.3
32275, Social Studies Education and the Social Sciences	.3
42292, Field Work Practicum	.3
42275, Teaching Social Studies in Secondary Schools	.3
C&I 47330, Reading and Writing in Adolescence/Adulthood	.3
ADED 42357, 42358, Student Teaching	.9
	TOTAL 130

LIFE SCIENCE

I. General College or University Requirements:	
US 10001, University Orientation	.1
II. Liberal Education Requirements	.47-53
<i>Composition</i>	
ENG 10001, College English I	.3
10002, College English II	.3
<i>Math, Logic, and Foreign Language</i>	
<i>Choose either:</i>	.4-6
MATH 11011, College Algebra (4)	
<i>and</i>	
11022, Trigonometry (2)	
<i>or</i>	
* 12001, Algebra and Trigonometry (4)	
<i>Choose one from:</i>	.3
10041, Elementary Probability and Statistics (3)	
30011, Basic Probability and Statistics (3)	
12002, Analytic Geometry and Calculus I	.5
<i>*This requirement may be waived by passing the placement exam given by Academic Testing Services.</i>	
Humanities and Fine Arts	

COMM 15000, Theory and Practice of Oral Discourse	.3
PHIL 11011, Introduction to Philosophy	.3
Fine Arts Elective	.3
Social Sciences	
PSYC 11762, General Psychology	.3
<i>Choose one from:</i>	.3
20561, Child Psychology (3)	
21211, Psychology of Adjustment (3)	
Social Science Elective	.3
Basic Sciences	
CHEM 10060, General Chemistry I	.4
10062, General Chemistry Lab I	.1
10061, General Chemistry II	.4
10063, General Chemistry Lab II	.1
PHY 13001, General College Physics I	.5
III. Major Requirements:	.52
BSCI 10181, Principles of Biology I	.4
10182, Principles of Biology II	.4
20140, Cell Biology	.4
30156, Elements of Genetics	.3
30360, Ecology	.4
40163, Organic Evolution	.3
GEOG 34061, Invertebrate Paleontology	.4
<i>Prerequisite will be waived for life science majors.</i>	
<i>Choose one from:</i>	.4
BSCI 30030, Human Physiology (4)	
40430, General Physiology (4)	
<i>Choose one from:</i>	.4
CHEM 20481, Basic Org. Chemistry (4)	
30481, Organic Chemistry (4)	
30284, Intro. Biological Chemistry	.4
PHY 11030, Seven Ideas that Shook the Universe	.3
GEOG 41073, Conservation of Natural Resources	.3
<i>Choose one from:</i>	.4
BSCI 20275, Local Flora (4)	
20560, Invertebrate Zoology (4)	
30518, Vertebrate Anatomy (4)	
<i>Choose one from:</i>	.4
BSCI 30580, Entomology (4)	
30582, Ornithology (4)	
40364, Limnology (4)	
40556, Vertebrate Zoology (4)	
IV. Professional Education	.37
EDPF 19525, Inquiry into Education	.4
29525, Inquiry into Teaching and Learning	.3
39525, Inquiry into Schooling	.3
C&I 47330, Reading and Writing in Adolescence/Adulthood	.3
ADED 32142, Principles of Teaching Adolescents	.3
42292, Field Work Practicum	.3
49525, Inquiry into Professional Practice	.3

32277, Teaching Science in Secondary School . . . . .	.3
42277, Topics in Secondary School Science . . . . .	.3
42357, Student Teaching . . . . .	.5
42358, Student Teaching . . . . .	.4
TOTAL	137-143

LIFE SCIENCE/CHEMISTRY

I. General College or University Requirements:	
US 10001, University Orientation	1
II. Liberal Education Requirements . . . . .	.42-48
Composition	
ENG 10001, College English I . . . . .	.3
10002, College English II . . . . .	.3
Math, Logic, and Foreign Language	
Choose either . . . . .	.4-6
MATH 11011, College Algebra (4)	
and	
11022, Trigonometry (2)	
or	
* 12001, Algebra and Trigonometry (4)	
12002, Analytic Geometry and Calculus I . . . . .	.5
Choose one from: . . . . .	.3
10041, Elementary Probability and Statistics (3)	
30011, Basic Probability and Statistics (3)	
<i>*This requirement may be waived with Permission of the Department of Mathematics and Computer Science or by passing the placement exam given by Academic Testing Services.</i>	
Humanities and Fine Arts	
COMM 15000, Theory and Practice of Oral Discourse . . . . .	.3
PHIL 11011, Introduction to Philosophy . . . . .	.3
Fine Arts Elective . . . . .	.3
Social Sciences	
PSYC 11762, General Psychology . . . . .	.3
Choose one from: . . . . .	.3
20651, Child Psychology (3)	
21211, Psychology of Adjustment (3)	
Social Science Elective . . . . .	.3
Basic Sciences	
CHEM 10060, General Chemistry I . . . . .	.4
10062, General Chemistry Lab I . . . . .	.1
10061, General Chemistry II . . . . .	.4
10063, General Chemistry Lab II . . . . .	.1
III. Major Requirements: . . . . .	.50
BSCI 10181, Principles of Biology I . . . . .	.4
10182, Principles of Biology II . . . . .	.4
20140, Cell Biology . . . . .	.4
30156, Elements of Genetics . . . . .	.3
30360, Ecology . . . . .	.4

40163, Organic Evolution . . . . .	.3
GEOL 34061, Invertebrate Paleontology . . . . .	.4
<i>Prerequisite will be waived for life science majors.</i>	
PHY 13001, General College Physics I . . . . .	.5
13002, General College Physics II . . . . .	.5
CHEM 30111, Quantitative Analysis . . . . .	.4
30481, Organic Chemistry . . . . .	.4
30284, Introduction to Biological Chemistry . . . . .	.4
30475, Organic Chemistry Lab . . . . .	.2
IV. Professional Education . . . . .	.37
EDPF 19525, Inquiry into the Profession . . . . .	.4
29525, Inquiry into Teaching and Learning . . . . .	.3
39525, Inquiry into Schooling . . . . .	.3
C&I 47330, Reading and Writing in Adolescence/Adulthood .3	
ADED 32142, Principles of Teaching Adolescents . . . . .	.3
42292, Field Work Practicum . . . . .	.3
49525, Inquiry into Professional Practice . . . . .	.3
32277, Teaching Science in Secondary Schools . . . . .	.3
42277, Topics in Secondary School Science . . . . .	.3
ADED 42357, Student Teaching . . . . .	.5
42358, Student Teaching . . . . .	.4
TOTAL	130-136

PHYSICAL SCIENCE

I. General College or University Requirements:	
US 10001, University Orientation	1
II. Liberal Education Requirements . . . . .	.44-50
Composition	
ENG 10001, College English I . . . . .	.3
10002, College English II . . . . .	.3
Math, Logic, and Foreign Language	
Choose either . . . . .	.4-6
MATH 11011, College Algebra (4)	
and	
11022, Trigonometry (2)	
or	
* 12001, Algebra and Trigonometry (4)	
12002, Analytic Geometry and Calculus . . . . .	.5
12003, Analytic Geometry and Calculus II . . . . .	.5
<i>*This requirement may be waived with Permission of the Department of Mathematics and Computer Science or by passing the placement exam given by Academic Testing Services.</i>	
Humanities and Fine Arts	
COMM 15000, Theory and Practice of Oral Discourse . . . . .	.3
PHIL 11011, Introduction to Philosophy . . . . .	.3
Fine Arts Elective . . . . .	.3
Social Sciences	
PSYC 11762, General Psychology . . . . .	.3

Choose one from: 3
 20651, Child Psychology (3)
 21211, Psychology of Adjustment (3)
 Social Science Elective 3
Basic Sciences
 CHEM 10060, General Chemistry I 4
 10062, General Chemistry Lab I 1
 10061, General Chemistry II 4
 10063, General Chemistry Lab II 1
III. Major Requirements: 51
 BSCI 10181, Principles of Biology I 4
 PHY 23001, University Physics I 5
 23002, University Physics II 5
 11030, Seven Ideas that Shook the Universe 3
Choose one from: 3
 24001, Astronomy (3)
 21040, Physics in Entertainment, Arts (3)
 32511, Electronics 4
 30020, Intermediate Physics Lab 2
 36001, Modern Physics 3
 CHEM 30111, Quantitative Analysis 4
Choose one from: 4
 20481, Basic Organic Chemistry I (4)
 30481, Organic Chemistry (4)
 30284, Introduction to Biological Chemistry 4
 40567, Basics of Physical Chemistry 4
 GEOG 30162, Meteorology 3
 GEOL 41025, Geophysics 3
IV. Professional Education 37
 EDPF 19525, Inquiry into the Profession 4
 29525, Inquiry into Teaching and Learning 3
 39525, Inquiry into Schooling 3
 C&I 47330, Reading and Writing in Adolescence/Adulthood . 3
 ADED 32142, Principles of Teaching Adolescents 3
 42292, Field Work Practicum 3
 49525, Inquiry into Professional Practice 3
 32277, Teaching Science in Secondary School 3
 42277, Topics in Secondary School Science 3
 42357, Student Teaching 5
 42358, Student Teaching 4

TOTAL 133-139

Special Fields

(K-12 Licensure)

School Health

I. General College or University Requirements: 1
 US 10001, University Orientation 1
II. Liberal Education Requirements 39
Composition
 ENG 10001, College English I 3
 10002, College English II 3
Math, Logic, and Foreign Language 6
At least one MATH course strongly recommended.
Humanities and Fine Arts
Recommended Courses in Humanities in Arts and Sciences:
 PHIL 11001, Introduction to Philosophy 3
 21011, Introduction to Ethics 3
Required Course in Humanities in Fine and Professional Arts:
 COMM 15000, Theory and Practice of Oral Discourse 3
 Elective required in Fine Arts in Fine and Professional Arts 3
Social Sciences
 PSYC 11762, General Psychology 3
 20651, Child Psychology 3
 One other course under Social Sciences 3
Basic Sciences
 BSCI 10001, Human Biology: Cells and Systems 3
 One other course under Basic Sciences 3
III. Professional Education: 25
 EDPF 19525, Inquiry into the Profession 4
 29525, Inquiry into Teaching and Learning 3
 39525, Inquiry into Schooling 3
 HED 49525, Inquiry into Professional Practice 3
 C&I 47330, Reading and Writing in Adolescence 3
 EDUC 42357, Secondary Student Teaching and Seminar 5
 42358, Secondary Student Teaching and Seminar 4
IV. Major Requirements: 38
 HED 11570, Personal Health 3
 11590, Community Health 3
 20000, Health Education for Early Childhood 3
 21030, Introduction to Health Education 3
 21050, Health Behavior and Advocacy 3
 32544, Human Sexuality 3
 32542, Methods and Applications of Health Education . . 5
This is a Writing Intensive course.
 34050, Program Planning and Evaluation
 in Health Education 3
*First Aid and CPR Certification needed
 prior to registration.*
 42041, Health Counseling 3
 44543, Administration of School Health Programs 3
 HED 44550, Drug Abuse and Violence Prevention 3
 44544, Sexual Health Promotion 3

V. **Other Required Courses:**11

PEB 10035, Lifetime Fitness 2

SPED 23000, Introduction to Exceptionality 3

FCS 23511, Nutrition Related to Health 3

Choose one from: 3

ITEC 47427, Introduction to Microcomputers in Education (3)

47495, Computer Applications in Education (3)

VI. **Electives:** 7

HED 32530, Drugs and Health 3

32575, Consumer Health Advocacy 3

34060, Small Group Process 2

44025, Women's Health Issues 3

46041, Education Practices for High-Risk Children and Youth 3

46052, Stress: Recognition and Management: 2

46057, Advanced Human Sexuality 3

46060, Death Education 3

47070, AIDS: Issues, Education and Prevention 3

48092, Field Experience in Health Education 1-3

48096, Individual Investigation in Health Education 1-3

TOTAL 121

US 10001, University Orientation 1

Humanities and Fine Arts Electives 9

ENG 10001, College English I 3

10002, College English II 3

MATH 11011, College Algebra 4

Elective from Math/Logic/Foreign Language 2-3

PSYC 11762, General Psychology 3

Elective from Basic Sciences LERS 3

EDPF 19525, Inquiry Into the Profession 4

VOED 44618, Elements of Experienced-Based Education 3

II. **SECOND YEAR** 36

COMM 15000, Theory and Practice of Oral Discourse 3

ECON 22060, Principles of Microeconomics 3

22061, Principles of Macroeconomics 3

Choose one from: 3

ACCT 23020, Intro. to Financial Accounting (3)

ACTT 11000, Accounting I (3)

Choose one from: 3

BMRT 11009, Introduction to Management Tech. (3)

ADMS 34163, Principles of Management (3)

Choose one from: 3

ADMS 14266, Intro. to Business Administration (3)

BMRT 11000, Introduction to Business (3)

Choose one from: 3

BMRT 21000, Business Law and Ethics (3)

FIN 36074, Legal and Reg. Environment (3)

Choose one from: 3

ADMS 24053, Intro. to Comp. and Info Sys. (3)

COMT 11000, Intro. to Computer Systems (3)

Combination of the three courses below:

COMT 11011, Spreadsheet Applications (1)

OMRT 11038, Business Spreadsheets (1)

11039, Data Base Applications (1)

Elective from Basic Science LER 3

Choose one from: 3

BMRT 21050, Fund. of Marketing Tech. (3)

MKTG 35010, Marketing (3)

Choose one from: 3

OMRT 21038, Business Communications (3)

ENG 20001, Business Writing (3)

EDPF 29525, Inquiry Into Teaching and Learning 3

III. **THIRD YEAR** 33

ADMS 34185, Individual and Group Behavior 3

EDPF 39525, Inquiry into Schooling 3

VOED 46029, Intro to Training and Development**/** 3

46030, Two Year College*** 3

36015, Methods of Vocational and Technology Education* 3

ITEC 47403, Instructional Design** 3

Vocational Education

The vocational education program area prepares teachers and trainers in a variety of areas. The program offers baccalaureate and graduate degree programs. Vocational teacher licensure is available in selected majors for ages eight and beyond. Also, alternate routes to teacher licensure in selected areas and licensure endorsements are available. The following majors are offered with licensure:

- Comprehensive Business Education*
- Family and Consumer Science Education*
- Marketing Education*
- Technology Education*
- Trade and Industrial Education*

Students in each major complete liberal education requirements coursework. Also, each major includes coursework in a specific content area. Professional education coursework includes a basic education core, a vocational education core and courses in the specific education major. In selected areas, students can pursue coursework toward licensure through an alternate route (see advisers for further information.)

COMPREHENSIVE BUSINESS EDUCATION

I. **FIRST YEAR** 35-36

VOED 46001, Organization of Vocational and Technology Education*	3
Specialty Area Coursework (See Adviser)	21
IV. FOURTH YEAR	24-31
HED 42524, Health and Learning: Strategies for Students and Teachers	3
VOED 49525, Inquiry into Professional Practice	3
C&I 47330, Reading and Writing in Adolescence	3
VOED 46031, Vocational Student Teaching*	9
45377, Vocational and Technology Education	3
48492, Postsecondary Field Experience***	3
48692, Postsecondary Teaching Intern. and Sem.***	6
46020, Curriculum Guide Design and Application*	3
45372, Issues In Vocational/Technology Subjects*	3
48592, Training and Development Intern and Seminar**	6
47492, Training and Developing Field Expertise **	3
Specialty Area Coursework (See Adviser)	3-4
TOTAL	128-136

- * Concentration I - Teaching Licensure
- ** Concentration II - Business Training/Development
- *** Concentration III -Post Secondary Business Teaching

FAMILY AND CONSUMER SCIENCES EDUCATION

I. General College or University Requirements:	1
US 10001, University Orientation	1
II. Liberal Education Requirements	.41
<i>Composition</i>	
ENG 10001, College English I	3
10002, College English II	3
<i>Math, Logic, and Foreign Language</i>	
Any choices from Math, Logic and Foreign Language	6
<i>Humanities and Fine Arts</i>	
HIST 11050, History of Civilization I	3
11051, History of Civilization II	3
Choose one from:	3
COMM 10000, Fundamentals of Speech (3)	
15000, Theory and Practice of Discourse (3)	
25851, Communication for Teachers (3)	
Any choices from Fine Arts	3
<i>Social Sciences</i>	
PSYC 11762, General Psychology	3
SOC 12050, Introduction to Sociology	3
ECON 22060, Principles of Microeconomics	3
<i>Basic Sciences</i>	
BSCI 10001, Human Biology: Cells and Systems	3
CHEM 10050, Fundamentals of Chemistry	3
10052, Introduction to Organic Chemistry	2
III. Content Area Coursework:	.37-42

Family and Consumer Sciences Major Core

FCS 24011, The Family	3
25512, Management of Family Resources	3
33512, Nutrition	3
FCS 44022, Changing Roles of Men and Women	3
VOED 46192, Practicum: Occupational (See Adviser)	2-6
Job Training Options: choose one of the following	.23-24

Work and Family

FCS 23012, Food Study	3
24012, Child Development	3
24511, Housing in Today's Society	3
34017, Childcare	3
35511, Consumer Issues in Today's Society	3
FD&M 10030, Fashion Fabrics	3
	24

Food Management Production and Service

FCS 13022, Sanitation and Safety Principles and Practice	3
13024, Careers in Hospitality Food Service	3
23012, Food Study	3
23511, Nutrition Related to Health	3
33028, Hospitality Food Service Purchasing	3
43030, Food Service Systems Management	3
43032, Food Production and Service Management	3
33020, Legal Issues in the Hospitality Industry	3
	23

Early Childhood Education and Care

PEP 25022, Physical Education Act. for Children	3
ECED 30144, Expressive Arts and Social Studies	3
40145, Music and Rhythms in Preprimary Education	3
30123, Language and Literacy	3
FCS 34013, Development in Infancy	3
34017, Child Care Participation	3
ECED 40153, Organization and Supervision of Early Childhood Centers	3
SPED 23000, Introduction to Exceptionalities	3
	24

IV. Professional Education .43

HED 42575, Health and Learning: Strategies for Students and Teachers	3
EDPF 19525, Inquiry into the Profession	4
29525, Inquiry into Teaching and Learning	3
39525, Inquiry into Schooling	3
VOED 49525, Inquiry into Professional Practice	3
44618, Elements of Experienced-Based Education	3

46001, Organization of Vocational and Technology Education	3
36015, Methods of Vocational and Technology Education	3
46020, Curriculum Guide Design and Application	3
45377, Vocational and Technology Education	3
45372, Issues in Vocational/Technology Subjects	3
46031, Vocational Student Teaching	9
TOTAL	122-127

MARKETING EDUCATION

I. General College or University Requirements:	1
US 10001, University Orientation	1
II. Liberal Education Requirements	39
<i>Composition</i>	
ENG 10000, Introduction to College English	3
10001, College English I	3
10002, College English II	3
<i>Math, Logic, and Foreign Language</i>	
Any choices from Math, Logic and Foreign Language	6
<i>Humanities and Fine Arts</i>	
HIST 11050, History of Civilization I	3
11051, History of Civilization II	3
<i>Choose one from:</i>	3
COMM 10000, Fundamentals of Speech (3)	
15000, Theory and Practice of Oral Discourse (3)	
25851, Communication for Teachers (3)	
Any choices from Fine Arts	3
<i>Social Sciences</i>	
PSYC 11762, General Psychology	3
Any choices from Social Sciences	3
<i>Basic Sciences</i>	
Electives from Basic Sciences	6
III. Content Area Coursework:	36
ECON 22060, Principles of Microeconomics	3
22061, Principles of Macroeconomics	3
MKTG 35010, Marketing	3
35035, Buyer Behavior	3
45045, Advertising and Promotion Management	3
45082, Retail Management	3
35050, Marketing Research	3
45060, International Marketing	3
ADMS 14266, Introduction to Business Administration	3
24053, Introduction to Computers and Information Systems	3
MKTG or VOED Electives	6
IV. Professional Education	52
EDPF 19525, Inquiry into the Profession	4

29525, Inquiry into Teaching and Learning	3
39525, Inquiry into Schooling	3
VOED 49525, Inquiry into Professional Practice	3
44618, Elements of Experienced-Based Education	3
46001, Organization of Vocational and Technical Education	3
36015, Methods of Vocational and Technology Education	3
46020, Curriculum Guide Design and Application	3
HED 42575, Health and Learning: Strategies for Students and Teachers	3
C&I 47330, Reading and Writing in Adolescence	3
VOED 45377, Vocational and Technology Education	3
45372, Issues in Vocational/Technology Subjects	3
VOED 46031, Vocational Student Teaching	9
45374, Strategies for Teaching Personal Selling	3
TOTAL	128

TECHNOLOGY EDUCATION

I. General College or University Requirements:	1
US 10001, University Orientation	1
II. Liberal Education Requirements	40
<i>Composition</i>	
ENG 10001, College English I	3
10002, College English II	3
<i>Math, Logic, and Foreign Language</i>	
MATH 12001, Algebra and Trigonometry	4
Select remaining 3 hours from LER list	3
<i>Humanities and Fine Arts</i>	
COMM 15000, Theory and Practice of Oral Discourse	3
Choose from Humanities (One must be from Fine Arts)	9
<i>Social Sciences</i>	
PSYC 11762, General Psychology	3
Select remaining 6 hours from LER list	6
<i>Basic Sciences</i>	
Select from LER list of laboratory courses	6
III. Content Coursework	42
TECH 10001, Information Technology	3
11071, Wood Technology I	3
13580, Engineering Graphics I	3
20001, Energy / Power	3
20002, Materials and Processes I	3
21021, Survey of Electricity and Electronics	3
21046, Graphics Communication Technology I	3
23581, Computer Aided Engineering Graphics	3
31000, Cultural Dynamics of Technology	3
31015, Construction Technology	3
31016, Manufacturing Technology	3

31087, Design for Technology Education	3
32002, Materials and Processes II	3
Technology Elective	3
IV. Professional Education	46
VOED 44618, Elements of Experienced-Based Education	3
46001, Organization of Vocational and Technology Education	3
36015, Methods of Vocational and Technology Education	3
46020, Curriculum Guide Design and Application	3
45377, Vocational and Technology Education	3
45372, Issues in Vocational/Technology Subjects	3
49525, Inquiry into Professional Practice	3
EDPF 19525, Inquiry into Education	4
29525, Inquiry into Teaching and Learning	3
39525, Inquiry into Schooling	3
VOED 46031, Vocational Student Teaching	9
HED 42575, Health and Learning: Strategies for Students and Teachers	3
SPED 23000, Introduction to Exceptionalities	3
TOTAL	129

TRADE AND INDUSTRY EDUCATION

I. General College or University Requirements:	
US 10001, University Orientation	1
II. Liberal Education Requirements	39
<i>Composition</i>	
ENG 10000, Introduction to College English	3
10001, College English I	3
10002, College English II	3
<i>Math, Logic, and Foreign Language</i>	
Any choices from Math, Logic and Foreign Language	6
<i>Humanities and Fine Arts</i>	
HIST 11050, History of Civilization I	3
11051, History of Civilization II	3
Any choices from Fine Arts	3
<i>Social Sciences</i>	
PSYC 11762, General Psychology	3
Any choices from Social Sciences	6
<i>Basic Sciences</i>	
Electives from Basic Sciences	6
III. Content Coursework	36
VOED 46017, Youth Organization in VOED	3
36014, Evaluation Techniques	3
46029, Introduction to Training and Development	3
<i>Choose one from:</i>	3
46018, Disadvantage Youth and VOED (3)	
46019, Coordination in Vocational Cooperative Education Programs (3)	

36020, Occupational Experience Technical	1-12
36021, Occupational Experience Manipulation	1-12
<i>Or appropriate content area coursework</i>	
IV. Professional Education	51
EDPF* 19525, Inquiry into the Profession	4
* 29525, Inquiry into Teaching and Learning	3
* 39525, Inquiry into Schooling	3
VOED 49525, Inquiry into Professional Practice	3
44618, Elements of Experienced-Based Education	3
46001, Organization of Vocational and Technology Education	3
* 36015, Methods of Vocational and Technology Education	3
* 46020, Curriculum Guide: Design and Application	3
C&I * 47330, Reading and Writing In Adolescence	3
VOED* 36002, In-Service Teaching I	2
* 45377, Vocational and Technology Education	3
* 45372, Issues in Vocational/Technology Subjects	3
46031, Vocational Student Teaching	9
ADED 32142, Principles of Teaching Adolescents	3
HED 42575, Health and Learning: Strategies for Students and Teachers	3
TOTAL	127

*Courses required for alternate licensure option.

Intervention Specialist

- Deaf Education*
- Gifted Education*
- Mild/Moderate Educational Needs*
- Moderate/Intensive Educational Needs*

This program consists of four licensure areas: Deaf Education, Gifted Education, Mild/Moderate Educational Needs and Moderate/Intensive Educational Needs. The curriculum of each licensure area is specified in the following sections. Liberal Education Requirements (see pages 76-78) are met completely by courses outlined in each special education curricular area. Professional coursework and field-based experiences that will lead to licensure in the state of Ohio are also included.

Students must have a 2.50 cumulative and a 3.00 professional average to qualify for student teaching as well as for graduation.

Deaf Education Intervention Specialist

The Deaf Education program is designed to provide students with the coursework and field experiences necessary to be

licensed as an Intervention Specialist in the area of Deaf Education. The Deaf Education Intervention Specialist license is valid for teaching learners from ages 3 through 21, and grades prekindergarten through 12 who have been identified with a hearing impairment (e.g., deaf, hard-of-hearing).

Students wishing to enter the Deaf Education program must be formally admitted by successfully completing the following requirements during the sophomore year: (a) interview with Deaf Education faculty members, (b) SPED 43309, (C) SPED 43320, and (d) SPED 43321. Additionally, to qualify for advancement to student teaching, students must pass a sign language proficiency examination and receive favorable evaluations from Deaf Education faculty instructors.

The Deaf Education Intervention Specialist program can be completed through a four-year course of study. The four-year program consists of 135 credit hours.

**indicates course satisfies LER

<p>I. Year 1 36</p> <p>US 10001, University Orientation 1</p> <p>ENG 10001, College English I** 3</p> <p>10002, College English II** 3</p> <p>Select one of the following ENG courses 3</p> <p>ENG 22071, Great Books I** (3)</p> <p>22072, Great Books II** (3)</p> <p>MATH 14001, Basic Math Concepts I** 4</p> <p>14002, Basic Math Concepts II** 3</p> <p>EDPF 19525, Inquiry into the Profession 4</p> <p>Select two from HIST**and/or PAS**</p> <p>HIST 11050, History of Civilization I 3</p> <p>11051, History of Civilization II 3</p> <p>12070, History of the U.S. The Formative Period 3</p> <p>12071, History of the U.S. The Modern Period 3</p> <p>PAS 23101, Interpreting the Black Experience I: Towards a New Community - Beginnings to 1865 3</p> <p>23102, Interpreting the Black Experience II: Towards a New Community - 1865 to Present 3</p> <p>PSYC 11762, General Psychology** 3</p> <p>SPED 43320, ASL and Deafness Studies I 3</p> <p>43321, ASL and Deafness Studies II 3</p> <p>II. Year 2 36</p> <p>BSCI 10001, Human Biology** 3</p> <p>Select two courses from Social Science** 6</p> <p>Select one course from Basic Science** 3</p> <p>Select one course from Fine Arts** 3</p> <p>SPED 23000, Introduction to Exceptionalities 3</p> <p>43322, ASL III 3</p>	<p>43323, ASL and Deafness Studies IV 3</p> <p>43309, Deaf Studies 3</p> <p>SP&A 34105, Phonemic Foundation 3</p> <p>44108, Language Acquisition 3</p> <p>EDPF 29525, Inquiry into Teaching and Learning 3</p> <p>III. Year 3 35</p> <p>EDPF 39525, Inquiry into Schooling 3</p> <p>MCED 30001, Teaching Math in MC I 3</p> <p>30002, Integrated SS and Science MC 3</p> <p>30004, Reading and Writing in MC 6</p> <p>SP&A 43600, Communication Implication of Hearing Loss 3</p> <p>SPED 43313, Literacy Assessment and Intervention for D/HH Students 3</p> <p>43310, Language Instruction for the Deaf 3</p> <p>43010, Family/Professional Collaboration 3</p> <p>43020, Assessment in Special Education 3</p> <p>43030, Class and Behavioral Management I 3</p> <p>43392, Practicum: Deaf 1</p> <p>43392, Practicum: Deaf 1</p> <p>IV. Year 4 28</p> <p>SPED 43311, Instruct Plan: Deaf 3</p> <p>43319, Instruct Application: Deaf 3</p> <p>43324, Curriculum and Method Deaf 3</p> <p>43392, Practicum: Deaf 3</p> <p>43992, Practicum: Special Ed. 1</p> <p>49525, Inquiry into Professional Practice 3</p> <p>43981, Student Teaching Special Education 9</p> <p>HED 42575, Health and Learning 3</p>
	<hr/> <p>TOTAL 135</p>

Gifted Education Intervention Specialist

The Gifted Education program is designed to provide students with the coursework and field experiences necessary to be licensed in Middle Childhood Education (as offered through the Department of Teaching Leadership, and Curriculum Studies) and as an Intervention Specialist in the area of Gifted Education.

Students must enter the program through Middle Childhood Education. The Middle Childhood license is valid for teaching learners from ages 8 through 14, and grades 4 through 9. The Middle Childhood license requires preparation in two of the following concentration areas: (a) reading and language arts, (b) mathematics, (c) science, (d) social studies.

The Gifted Education Intervention Specialist license is valid for teaching learners from ages 5 through 21 and grades kindergarten through 12 who have been identified as gifted.

The dual licensures of Middle Childhood Education and Gifted Education Intervention Specialist can be completed through a 4.5-year course of study. The program consists of 147 credit hours, 13 of which may be taken at the graduate level for students who apply and meet admission criteria for the Graduate School of Education.

**indicates course satisfies LER

I. Year 1	.30
US 10001, University Orientation	.1
ENG 10001, College English I**	.3
10002, College English II**	.3
Select one of the following ENG courses	.3
ENG 22071, Great Books I**	
22072, Great Books II**	
MATH 14001, Basic Math Concepts I**	.4
14002, Basic Math Concepts II**	.3
EDPF 19525, Inquiry into the Profession	.4
Select two from HIST** and/or PAS**	.6
HIST 11050, History of Civilization (3)	
11051, History of Civilization II (3)	
12070, History of the U.S. The Formative Period (3)	
12071, History of the U.S. The Modern Period (3)	
PAS 23101, Interpreting the Black Experience I: Towards a New Community - Beginnings to 1865 (3)	
23102, Interpreting the Black Experience II: Towards a New Community - 1865 to Present (3)	
Select one course from Fine Arts**	.3
II. Year 2	.34
PSYC 11762, General Psychology**	.3
BSCI 10001, Human Biology**	.3
FCS 41095, Special Topic: Early Adolescents	.3
CHDS 20092, Field Experience I: Middle Childhood	.1
Select one course from Social Science**	.3
Select one course from Basic Science**	.3
Select four content area courses	.12
EDPF 29525, Inquiry into Teaching and Learning	.3
SPED 23000, Introduction to Exceptionalities	.3
III. Year 3	.37
EDPF 39525, Inquiry into Schooling	.3
MCED 30092, Field Experience II: Middle Childhood	.1
30000, Curriculum and Organization MC	.3
30001, Teaching Math in MC I	.3
30002, Integrated SS and Science MC	.3
30004, Reading and Writing in MC	.6
Select five content area courses	.15
SPED 43529, Nature and Needs of Gifted	.3
IV. Year 4	.33
Select one course from Social Science	.3

MCED 30003, Effective Use of Phonics	.3
40092, Field Experience III:MC	.1
40000, Teaching and Learning MC	.2
40004, Teaching Reading with Literacy MC	.3
Select two of the following MCED courses	.6
MCED 40001, Teaching Math MC II (3)	
MCED 40002, Teaching Science MC II (3)	
MCED 40003, Teaching Soc Studies MC II (3)	
Select two content area courses	.6
SPED 43020, Assessment in Special Education	.3
43534, Social and Emotional Components of Giftedness	.3
43530, Instructional Processes for Gifted Children	.3
V. Year 5	.13
SPED 49525, Inquiry into Professional Practice	.3
43981, Student Teaching Special Education	.5
MCED 43257, Student Teaching MC I	.5
TOTAL	147

Mild/Moderate Educational Needs Intervention Specialist

The Mild/Moderate Educational Needs program is designed to provide students with the coursework and field experiences necessary to be licensed in Middle Childhood Education (as offered through the Department of Teaching Leadership, and Curriculum Studies) and as an Intervention Specialist in the area of Mild/Moderate Educational Needs.

Students must enter the program through Middle Childhood Education. The Middle Childhood license is valid for teaching learners from ages 8 through 14, and grades 4 through 9. The Middle Childhood license requires preparation in two concentration areas: reading and language arts, mathematics, science, social studies.

The Mild/Moderate Educational Needs Intervention Specialist license is valid for teaching learners from ages 5 through 21, and grades kindergarten through 12 who have been identified with a disability that requires mild to moderate intervention (e.g., learning disabilities, emotional and behavioral disorders, developmental disabilities).

The dual licensures of Middle Childhood Education and Mild/Moderate Educational Needs Intervention Specialist can be completed through a five-year course of study. The five-year program consists of 155 credit hours, 22 of which may be taken at the graduate level for students who apply and meet admission criteria for the Graduate School of Education.

**indicates course satisfies LER

I. Year 130

US 10001, University Orientation1

ENG 10001, College English I**3

10002, College English II**3

Select one of the following ENG courses3

ENG 22071, Great Books I** (3)

22072, Great Books II** (3)

MATH 14001, Basic Math Concepts I**4

14002, Basic Math Concepts II**3

EDPF 19525, Inquiry into the Profession4

Select two from HIST and/or PAS**6**

HIST 11050, History of Civilization I (3)

11051, History of Civilization II (3)

12070, History of the U.S. The Formative Period (3)

12071, History of the U.S. The Modern Period (3)

PAS 23101, Interpreting the Black Experience I: Towards
a New Community - Beginnings to 1865 (3)

23102, Interpreting the Black Experience II: Towards
a New Community - 1865 to Present (3)

Select one course from Fine Arts**3

II. Year 234

PSYC 11762, General Psychology**3

BSCI 10001, Human Biology**3

FCS 41095, Special Topic: Early Adolescents3

CHDS 20092, Field Experience I: Middle Childhood1

Select two courses from Social Science**6

Select one course from Basic Science**3

Select four content area courses12

EDPF 29525, Inquiry into Teaching and Learning3

III. Year 337

EDPF 39525, Inquiry into Schooling3

MCED 30092, Field Experience II: Middle Childhood1

30000, Curriculum and Organization MC3

30001, Teaching Math in MC I3

30002, Integrated SS and Science MC3

30003, Effective Use of Phonics3

30004, Reading and Writing in MC6

Select four content area courses12

SPED 23000, Introduction to Exceptionalities3

IV. Year 433

MCED 40092, Field Experience III: MC1

40000, Teaching and Learning MC2

Select two of the following MCED courses6

MCED 40001, Teaching Math MC II (3)

40002, Teaching Science MC II (3)

40003, Teaching Social Studies MC II (3)

Select three content area courses9

SPED 43010, Family/Professional Collaboration3

43020, Assessment in Special Education3

43030, Class and Behavioral Management I3

43040, Language and Reading Special Education3

43050, Characteristics Mild/Moderate3

V. Year 522

SPED 43031, Class and Behavioral Management II3

43060, Curriculum/Methods Mild/Moderate3

43992, Field Experience Special Education3

49525, Inquiry into Professional Practice3

43981, Student Teaching Special Education5

MCED 43257, Student Teaching MC I5

TOTAL 156

Moderate/Intensive Educational Needs Intervention Specialist

The Moderate/Intensive Educational Needs program is designed to provide students with the coursework and field experiences necessary to be licensed as Intervention Specialist in the area of Moderate/Intensive Educational Needs. The Moderate/Intensive Educational Needs Intervention Specialist license is valid for teaching learners from ages 5 through 21, and grades kindergarten through 12 who have been identified with a disability that requires moderate to intensive intervention (e.g., developmental disabilities, multiple disabilities).

The Moderate/Intensive Educational Needs Intervention Specialist can be completed through a four-year course of study. The four-year program consists of 128 credit hours.

***indicates course satisfies LER*

I. Year 130

US 10001, University Orientation1

ENG 10001, College English I**3

10002, College English II**3

Select one of the following ENG courses3

ENG 22071, Great Books I** (3)

22072, Great Books II** (3)

MATH 14001, Basic Math Concepts I**4

14002, Basic Math Concepts II**3

EDPF 19525, Inquiry into the Profession4

Select two from HIST and/or PAS**6**

HIST 11050, History of Civilization I (3)

11051, History of Civilization II (3)

12070, History of the U.S. The Formative Period (3)

12071, History of the U.S. The Modern Period (3)

PAS 23101, Interpreting the Black Experience I: Towards
a New Community - Beginnings to 1865 (3)

23102, Interpreting the Black Experience II: Towards
a New Community - 1865 to Present (3)

Select one course from Fine Arts**3

II. Year 2	.32
PSYC 11762, General Psychology**	.3
BSCI 10001, Human Biology**	.3
Select two courses from Social Science**	.6
Select one course from Basic Science**	.3
SPED 23000, Introduction to Exceptionalities	.3
43320, ASL and Deafness Studies I	.3
ECEC 20163, Young Child: Typical/Atypical	.5
PEP 25034, Motor Development	.3
EDPF 29525, Inquiry into Teaching and Learning	.3
III. Year 3	.36
EDPF 39525, Inquiry into Schooling	.3
MCED 30001, Teaching Math in MC I	.3
30002, Integrated SS and Science MC	.3
30003, Effective Use of Phonics	.3
30004, Reading and Writing in MC	.6
SPED 43321, ASL and Deafness Studies II	.3
43010, Family/Professional Collaboration	.3
43020, Assessment in Special Education	.3
43030, Class and Behavioral Management I	.3
43051, Characteristics Moderate/Intensive	.3
43992, Field Experience Special Education	.3
IV. Year 4	.30
SPED 43031, Class and Behavioral Management II	.3
43040, Language and Reading Special Education	.3
43061, Curriculum Method Moderate/Intensive	.3
43070, Planning Program for Transition	.3
43080, Technology for Special Education	.3
49525, Inquiry into Professional Practice	.3
43981, Student Teaching Special Education	.9
HED 42575, Health and Learning	.3
TOTAL	128

Other Programs for Certification

MAT Program: Secondary Teacher Certification

The holder of a bachelor's degree in an appropriate content area may also receive Adolescence to Young Adult teacher licensure upon selection into and completion of the MAT (Master of Arts in Teaching) program. This is a full-time program with a minimum of 44-45 hours and is designed to be completed in a summer plus two semesters. Upon completion of the program, students will receive both licensure within the appropriate content specialty and a master's degree. The National Teacher Exam (NTE) is required for certification. Information can be obtained from the Office of Academic Services, 306 White Hall.

Nonschool Program in Education

Community Health

*Community Health Education
(No Teaching Certification)*

This program of study is designed to prepare individuals for positions as community health educators with voluntary health agencies, official health agencies, and commercial health agencies. The Bachelor of Science degree is awarded upon completion of this program.

I. General Requirements40

Liberal Education Requirements:

US 10001, University Orientation1

Composition

ENG 10001, College English I3

10002, College English II3

Mathematics, Logic, Foreign Language LER6-7

At least one MATH course strongly recommended (Students must pass the Mathematics Subtest of the Pre-Professional Skills Test (PPST) or the Professional Standards Mathematics Test in order to major in Community Health Education.)

Humanities and Fine Arts

Recommended Courses in Humanities and Arts and Sciences:

PHIL 11001, Introduction to Philosophy3

21001, Introduction to Ethics3

Required Course in Humanities in Fine and Professional Arts:

COMM 15000, Theory and Practice of Oral Discourse3

At least one course required in Fine Arts in F&PA3

Social Science (choose from LER options)9

Basic Sciences

BSCI 10001, Human Biology: Cells and Systems3

Basic Science elective (choose from LER options)3

II. Required Health Education Program Courses41

HED 11570, Personal Health3

11590, Community Health3

21030, Introduction to Health3

21050, Health Behavior and Advocacy3

32544, Human Sexuality3

HED 22565, Health Data Analysis and Presentation3

32542, Methods and Applications of Health Education . .5

This is a Writing Intensive course.

32565, Marketing Health Education Programs3

34050, Program Planning and Evaluation

in Health Education3

44092, Internship in Community Health Education . . .12

III. Other Required Courses14

Choose one of:3

 EMGT 11000, Introduction to Environmental Risk Issues (3)
 Salem Campus Only

 ENVT 10001, Introduction to Environmental Technology (3)
 Tuscarawas Campus Only

 HED 41561, Environmental Health (3)

 PEB 10035, Lifetime Fitness2

 JMC 20004, Media Writing3

 FCS 23511, Nutrition Related to Health3

Choose one of:3

 ITEC 47427, Introduction to Microcomputers in Education (3)
 47430, Computer Applications in Education (3)

IV. Suggested Electives27

 HED 14020, Introduction to Medical Terminology2

 32530, Drugs and Health3

 32575, Consumer Health Advocacy3

 34060, Small Group Process2

 36070, Health Related Aspects of Aging3

 42041, Health Counseling3

 44025, Women's Health Issues3

 44544, Sexual Health Promotion3

 44550, Drug Abuse and Violence Prevention3

 46052, Stress: Recognition and Management2

 46057, Advanced Human Sexuality3

 46060, Death Education3

 47070, AIDS: Issues, Education and Prevention3

 48092, Field Experience in Health Education1-3

 48096, Individual Investigation in Health Education1-3

TOTAL 122-123

GRADUATE PROGRAMS

The Master of Education (M.Ed.), Master of Arts (M.A.), Master of Arts in Teaching (M.A.T.), Educational Specialist (Ed.S.), and Doctor of Philosophy (Ph.D.) degrees are offered in the Graduate School of Education. Program emphases include counseling and guidance; rehabilitation counseling; school psychology; curriculum and instruction; early childhood education; instructional technology; literacy; mathematics, science, and social studies (adolescence to young adult); health education; vocational education; public school administration; higher education administration; educational psychology; evaluation and measurement; cultural foundations of education; education of the gifted, deaf education, and in the areas of mild/moderate educational needs, moderate/intensive educational needs, and early childhood intervention specialist. Special non-degree status for those not wishing a graduate degree is also available.

General requirements are described in the *Graduate Schools Catalog* and specific program requirements and information can be obtained in the Office of Academic Services, 306 White Hall.

MINORS

- Minors Leading to Teacher Licensure
- Minors That Do Not Lead to Teacher Licensure
- Minors Available to all Students
- Minors Available in Other Colleges and Schools

Minors allow students to pursue their interests within a structured context. A wide variety of minors are available across the University. Minors may be chosen to complement the major field of study or to satisfy serious personal interest in an unrelated field.

In general minors are not required of students pursuing a major in the College of Education. However, College of Education students may select a minor offered through the College of Education, Arts and Sciences, Business Administration, or Fine and Professional Arts.

MINORS OFFERED BY THE COLLEGE OF EDUCATION LEADING TO LICENSURE

Education Minor	
<i>Students must be admitted to the Education minor in order to take professional education coursework. Students majoring in program areas of other colleges but pursuing teacher licensure in the state of Ohio must complete the following Education Minor:</i>	
EDPF 19525, Inquiry into the Profession . . . . .	.4
29525, Inquiry into Teaching and Learning . . . . .	.3
39525, Inquiry into Schooling . . . . .	.3
*XXXX 49525, Inquiry into Professional Practice . . . . .	.3
<i>course in the students' major department</i>	
ADED**42357, Student Teaching . . . . .	.5
42358, Student Teaching . . . . .	.4
Methods courses in the students' major area . . . . .	.6
***Area-specific courses (cohort seminars) . . . . .	.9
TOTAL	37

*Students in foreign languages take MCLS 40525, *Inquiry into Professional Practice*.

**Students in foreign languages take MCLS 40657, *Student Teaching*.

***Students in foreign languages take the following courses:
MCLS 40420, Foreign Languages and Culture Studies (3)

MCLS 40654, *Computers in Second Language Teaching* (3)
 PSYC 30461, *Psychology of Language* (3)

Note: PSYC 11762 is a prerequisite for professional requirements and may be used to meet an LER in the social sciences.

The preceding sequence may be slightly different depending upon the actual major. Contact a program counselor in 306 White Hall for additional information and declaration of the minor.

Following are majors for which teacher licensure may be obtained by combining the major with a minor in Education.

College of Arts and Sciences: See page 155 in the Arts and Sciences section of the catalog.

*College of Fine and Professional Arts:
 Art Education—See page 235 in the Fine and Professional Arts section of the catalog as the professional education courses are built into the major. Music Education—See page 279 in the Fine and Professional Arts section of the catalog as the professional education courses are built into the major. Physical Education—See page 245 in the Fine and Professional Arts section of the catalog as the professional courses are built into the major. Speech Pathology and Audiology—See page 281 in the Fine and Professional Arts section of the catalog as requirements are listed there.*

MINORS OFFERED BY OTHER COLLEGES FOR TEACHER EDUCATION STUDENTS

The following minor is available only to teacher education students in a 7-12 licensure major or a K-12 special field major (Art, Music, etc.).

Mathematics

Group A:

CS	10061, Introduction to Computer Programming	3
MATH	12002, Analytic Geometry and Calculus I	5
	12003, Analytic Geometry and Calculus II	5
	21001, Linear Algebra with Applications	3
	Choose one of:	3
	31011, Discrete Mathematics (3)	
	30011, Basic Probability and Statistics (3)	

Group B:

At least one course must be 40000-level

	Choose one of:	3
MATH	34001, Fundamental Concepts of Algebra (3)	

	41001, Introduction to Modern Algebra I (3)	
	Choose one of:	3
	34002, Fundamental Concepts of Geometry (3)	
	45021, Euclidean Geometry (3)	
	45022, Linear Geometry (3)	
	Two of the following:	6-7
MATH	22005, Analytic Geometry and Calculus III (3)	
	30011, Basic Probability and Statistics (3)	
	40011, Introduction to Probability Theory and Statistics (3)	
	42001, Introduction to Analysis I (3)	
	42044, Applied Analysis I (4)	
	42048, Introduction to Complex Variables (3)	
	42201, Numerical Computing I (3)	
	47011, Theory of Numbers (3)	
	TOTAL	31-32

Note: ADED 42268, Teaching Mathematics in the Secondary School, must also be taken.

MINORS OFFERED BY THE COLLEGE OF EDUCATION THAT DO NOT LEAD TO LICENSURE

The following minors are available only to College of Education students.

Athletic Coaching

PEP	25051, Human Anatomy (spring only)	3
	25059, Sport in Society	3
	35044, Coaching Basketball	2
	35054, Biomechanics (fall only)	3
	45015, Psychology of Coaching	3
	45021, Organization and Administration of Athletics . . .	2
	45036, Athletic Training	3
PEB	10035, Lifetime Fitness	2
	Choose 8 hours from:	8
PEP	35040, Coaching Football (required for men) (2)	
	35041, Coaching Field Hockey and Soccer (2-3)	
	35042, Coaching Volleyball (required for women) (2)	
	35043, Coaching Gymnastics (2)	
	35045, Coaching Wrestling (2)	
	35046, Coaching Swimming and Diving (2)	
	35047, Coaching Tennis and Golf (2)	
	35048, Coaching Baseball and Softball (2)	
	35049, Coaching Track and Field (2)	
PEB	10306, Jogging (1)	
	12324, Weight Training (1)	
	TOTAL	28

This minor is noncertifiable.

Computer Science

CS	10061, Introduction to Computer Programming	3
	23021, Intermediate Programming and Application	3
	31011, Discrete Mathematics	3
	33003, Assembly Language Programming	3
	43001, Data Structures	3
	43101, Structure of Programming Languages	3
	45101, Computer Architecture	3
PHY	12411, Introduction to Computer Hardware	3
MATH	12001, Algebra and Trigonometry	4
	12002, Analytic Geometry and Calculus I	5
	12003, Analytic Geometry and Calculus II	5
TOTAL		38

Note: ADED 42272 Teaching of Computer Science in the Secondary School must also be taken.

This minor is noncertifiable.

Physical Education for Exceptional Persons

Open only to Special Education majors.

PEP	25033, Lifespan Motor Development	3
	25051, Human Anatomy	3
	35010, Psychological Dimensions of Motor Behavior	3
	35054, Biomechanics	3
	45032, Evaluation of Motor Development and Performance	2
	45037, Adapted Physical Education	3
	45392, Internship: In Mainstreamed Physical Activity	2
	Physical education activity courses	3
	<i>Must be approved by the academic adviser</i>	
	Choose 4 hours from:	4
PEP	35052, Educational Gymnastics and Dance (3)	
	45392, Internship: In Mainstreamed Physical Activity (1)	
LEST	26081, Outdoor/Environmental Education (3)	
	Special education electives.	4
	<i>Must have academic adviser's approval</i>	
TOTAL		30

This minor is noncertifiable.

Urban Education

This curriculum includes SEED 32146, if not included in students' majors, and 21 to 23 hours of approved elective courses which relate to the people, schools, and other institutions of the urban educational environment. Six hours must be SEED 42196 in urban education. The aim of the total program is to provide secondary education majors with the knowledge, skills, and attitudes to become teachers capable of successful experiences with youngsters of various races and socio-economic levels. The total program consists of a minimum of 23 hours.

Interested students desiring more information should contact the Department of Teaching, Leadership, and Curriculum Studies, 404 White Hall.

This minor is noncertifiable.

MINORS OFFERED BY THE COLLEGE OF EDUCATION AVAILABLE TO ALL STUDENTS

The following minors in the College of Education are available to all undergraduate students at Kent State University.

Community Health Education

HED	11590, Community Health	3
	21030, Introduction to Health Education	3
	21050, Health Behavior and Advocacy	3
	32542, Methods and Applications of Health Education	5
	34050, Program Planning and Evaluation in HED	3
	42041, Health Counseling	3
	Choose one from:	3
	44544, Sexual Health Promotion Programs (3)	
	44550, Drug Abuse and Violence Prevention (3)	
	Choose one from:	3
ITEC	47427, Introduction to Microcomputers in Education (3)	
	47430, Computer Applications in Education (3)	
HED Elective	. . . . .	3
TOTAL		29

This minor is noncertifiable.

Human Sexuality

HED	21050, Health Behavior and Advocacy	3
	32544, Human Sexuality	3
	44544, Sexual Health Promotion Programs	3

46057, Advanced Human Sexuality	3
47070, Aids: Issues, Education, Prevention	3
48092, Field Experiences in Health Education	3
HED electives	6
TOTAL	24

This minor is noncertifiable.

This minor may not be chosen by students majoring in School Health Education.

MINORS IN OTHER COLLEGES/SCHOOLS

In addition to the departmental minors listed in the previous sections, undergraduate students in the College of Education can select from a wide range of minors offered by other colleges and schools at Kent State University.

It is important to note that the following minors in Arts and Sciences, Business Administration, and Fine and Professional Arts do not lead to teacher licensure.

Arts and Sciences Departmental Minors

The following minors within the College of Arts and Sciences are available to all undergraduate students at Kent State University. Please see pages 137-142 for program requirements.

Anthropology
Applied Conflict Management
Biological Sciences
Chemistry
Computer Science
Criminal Justice Studies
Economics
English
French
Geography
Geology
German
Greek
History
Latin
Mathematics
Pan-African Studies
Philosophy
Physics
Political Science
Psychology
Russian
Sociology
Spanish

Arts and Sciences Interdisciplinary Minors/Certificate Programs

The following interdisciplinary minors/certificate programs within the College of Arts and Sciences are available to all undergraduate students at Kent State University. Please see pages 143-154 for program requirements.

African Studies
American Studies
Asian Studies
British Studies
Cartography
Classics
Climatology
Comparative Literature
German Studies
Health Care Ethics
Hellenic Studies
Jewish Studies
Lithuanian Studies
North Atlantic Security Studies
Paralegal Studies
Pre-Law
Religion Studies
Romanian Studies
Russian Studies
Urban Studies and Planning
Women's Studies
The Writing Minor

Business Administration

The following minors within the College of Business Administration are available to all undergraduate students at Kent State University. Please see pages 172-177 for program requirements.

Accounting
Business
Computer Information Systems
Economics
Finance
International Business
Management
Marketing
Military Studies

Fine and Professional Arts

The following minors within the College of Fine and Professional Arts are available to all undergraduate students at Kent State University. Please see pages 223-226 for program requirements.

Advertising
 Art History
 Crafts
 Dance*
 Design
 Electronic Media
 Family and Consumer Studies (General)
 Gerontology
 Media Literacy
 Music*
 Photo Illustration
 Public Relations
 Rhetoric and Communication
 Studio Art
 Theatre
 Visual Journalism

**Auditions are required before acceptance into the dance or music minors.*

Fine and Professional Arts School of Exercise, Leisure and Sport

The following minors within the School of Exercise, Leisure and Sport are available to all undergraduate students at Kent State University. Please see pages 248-249 for program requirements.

Athletic Coaching—Non PE Majors
 Athletic Training—Non PE Majors
 Leisure Studies
 Sport Management for Non-Majors

Technology

The following minors within the School of Technology are available to all undergraduate students at Kent State University. Please see page 306 for program requirements.

Flight Technology
 Electronic Technology
 Technology



