



THE COLLEGE OF EDUCATION
Advising Offices are Located in:

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

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 Praxis I and the Praxis II;
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 segments 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 36-hour minimum requirement stipulated in the Liberal Education Requirements (see pages 77-80).

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 licensure 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.

NON-LICENSURE PROGRAMS

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 licensure, 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, including a 2.50 cumulative GPA, 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 "General Requirements and Regulations" 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. It is recommended that new freshmen have a 2.50 high school GPA, 16 units of college preparatory curriculum and a 21 ACT or 980 SAT score.

Pre-enrollment 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 195.
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 195. The basic program of the college as described on pages 192-193 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 licensure programs. A 2.50 average is needed for admission to student teaching and for licensure.

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. The form can be found on the Office of Academic Services' web site: <http://oas.educ.kent.edu>. **Regular consultation with a faculty adviser is an essential aspect of all students' personal academic management and planning. Students must meet with their advisers early in their programs to discuss proper sequencing of courses. Failure to do so may result in a delay in program completion and graduation. 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 education 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 department for a determination on specialized courses. All transfer students will need to complete an Adviser Assignment Form to obtain a permanent academic adviser. The form is available on the Office of Academic Services' web site: <http://oas.educ.kent.edu>.

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, 306 White Hall.

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.
3. No more than 18 semester hours of transient coursework may be approved. Additional information on transient work can be found under the "General Requirements and Regulations" section of this catalog.

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

Admission to advanced study is required prior to enrolling in upper-division education courses. Please note: Admission to advanced study is **not** required for students pursuing the following programs: Community Health; Educational Studies: Educational Interpreter; Vocational Education Trade and Industry (only those who obtained initial licensure through the Alternate Vocational Education Licensure Program) ; and Vocational Business Education (Business Training/Development and Post Secondary Business Teaching concentrations only).

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.

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. The following majors are affected: earth science; integrated language arts; integrated mathematics; integrated science; integrated social studies; life science; life science/chemistry; physical science; French, German, Latin, Russian and Spanish.

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.

Faculty Adviser

Each student must have a faculty adviser assigned by the appropriate program area. The Adviser Assignment Form is available on the Office of Academic Services' web site: <http://oas.educ.kent.edu>.

Advising Sheet

All students must have an advising sheet on file in 306 White Hall by completion of 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. The request form can be accessed through the Office of Academic Services' web site (<http://oas.educ.kent.edu>).

Good Moral Character Affidavit

The College of Education at Kent State University requires affirmation of the moral character of its students. Students must answer "NO" to the following questions:

- Have you ever been convicted of, found guilty of or pled guilty to any misdemeanor other than traffic offenses?
- Have you ever been convicted of, found guilty of or pled guilty to any felony?
- 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?

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 non-licensure.

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

Pre-advanced Study Coursework

The following courses must be completed with a 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.

The following courses must be completed with a C or better for Early Childhood, Middle Childhood and Intervention Specialist majors **ONLY**:

MATH 14001 Basic Math Concepts I

MATH 14002 Basic Math Concepts II

Standardized Test

The Praxis I (Pre-professional Skills Test) is required of all teacher education majors and minors to determine basic competencies in the following areas:

Reading Competency

Students must meet the qualifying score of 170 or better on the Reading subtest of the Praxis I or achieve a 316 or better on the Praxis I computer-based test.

Writing Competency

Students must achieve a score of 168 or better on the Writing subtest of the Praxis I or earn a score of 312 or better on the Praxis I computer-based test.

Mathematics Competency

Students must satisfy **one** of the following options:

1. Earn a score of 174 or better on the Math subtest of the Praxis I or a 319 or better on the Praxis I computer-based test.
2. Have an ACT math score of at least 23 or an SAT math score of 540 **plus** a score between 49-99 on the Algebra portion of the Compass Test.
3. Have an ACT math score of 27 or an SAT math score of 620.

Please note: Students in selective admission programs must have all passing standardized test scores on file in 306 White Hall prior to submission of application for admission to advanced study.

Application for Admission to Advanced Study

Upon completion of 45-60 hours of coursework, students should have satisfied the professional requirements for admission to advanced study. **Students must complete an application for advanced study and submit it to 306 White Hall by the second Friday of the term during which all advanced study requirements will be completed.** Forms are available in the Office of Academic Services, 306 White Hall, in regional campus offices or on the Office of Academic Services' web site (<http://oas.educ.kent.edu>).

Teacher education students must be admitted to advanced study in order to take upper-division professional coursework.

Additional Requirements for Selective Programs

In order to manage enrollment and deliver high quality programs, the faculty will select the most qualified applicants for admission based upon evaluation of standardized tests, a written essay and academic success (GPA) at Kent State University. The following programs are considered selective:

Early Childhood Education

Middle Childhood Education

Gifted Education Intervention Specialist

Students will write an essay on a topic determined by the program area. The essay must be submitted the semester in which the student applied for admission to advanced study. It is important to check for essay topics and deadlines for each semester. Information is available through the program area, regional campuses and on the Office of Academic Services' web site (<http://oas.educ.kent.edu>).

PERSONAL-PROFESSIONAL CHARACTERISTICS

In order to ensure 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 judgment 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.

RE-EVALUATION FOLLOWING WITHDRAWAL

Students who withdraw from a teacher education program for a period of five years or more may be subject to a re-evaluation of clearance on the requirements for admission to advanced study. Re-evaluation may be recommended by a program counselor in the College of Education Office of Academic Services or faculty adviser. Re-evaluation is regarded as mandatory when the students have withdrawn for a period of 10 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.

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. (Adolescence to Young Adult majors must apply a year and a half in advance.)

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.

Please note: student teaching for adolescence to young adult majors is available during the spring semester only. Students are expected to meet with their faculty advisers early in their program to position themselves for spring student teaching.

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 programs although most programs 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, Undergraduate Studies or Mathematics are not used toward graduation hours.
2. The University's residency requirement may be met by completing the first 91 semester credit hours or the final 30 semester credit hours at Kent State University. Students who anticipate taking transient coursework during the final semester may risk a delay in graduation. It is likely the final transcript for transient work will not be received in time for graduation clearance.
3. Statements in the Professional Requirements Program are an integral part of graduation requirements; these stated requirements must be met.
4. A minimum grade of C must be earned in all professional coursework. A grade of C or better in the major/content area is required for those pursuing a program under adolescence to young adult education or for those students admitted to the University as of the *1995-96 Catalog* who declare an education minor and pursue licensure in any of the adolescence to young adult education areas. A minimum grade of C is required in the chosen concentration areas for middle childhood education majors and for those following the combined gifted/middle childhood education program.
5. Liberal Education Requirements must be satisfied. (See pages 77-80 of this *Catalog*.)
6. Students must meet the course requirements of one of the various curricula described later in this section of the *Catalog*.
7. 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.
8. Writing-Intensive Course Requirement: Refer to either pages 64 or 84-85 of this *Catalog* for specific information on the Writing-Intensive Course Requirement.
9. 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.
10. 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.

11. No more than 4 semester hours of credit in physical education basic activity courses (PEB) are permitted toward graduation.
12. 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.
13. 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 (24-month) period. This is interpreted as requiring the completion of 12 semester hours of credit during that period.
14. 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

Praxis II Examinations

In order to become licensed in the state of Ohio, students must successfully complete the required portions of the Praxis II Examinations. These include the test of Principles of Learning and Teaching and appropriate 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 Praxis II exams are offered approximately five times each year on the Kent Campus. Students may also arrange to take the exams 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, and the web site: <http://oas.educ.kent.edu>, or from Academic Testing Services, 261 Michael Schwartz Center.

There is a substantial fee for the Praxis II tests. It is suggested that when applying for financial aid, these costs be included in estimated educational expenses. It is very important that students prepare in advance for these tests. Sample question guides, "Tests at a glance" are available in 306 White Hall and on the Educational Testing Services web site linked with the Office of Academic Services web site: <http://oas.educ.kent.edu>. Additional guides for some tests can be purchased through Educational Testing Services.

Provided satisfactory scores have been achieved on the Praxis II examinations, 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, web site, <http://oas.educ.kent.edu>. 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 register with the Career Services Center and take advantage of the free, full-time employment service which offers on-campus interview opportunities, a referral network and access to web job listings. The Student Credential Service is available for a \$15 fee. Additional information can be found on the Career Services Center's web site that is linked with the Office of Academic Services web site: <http://oas.educ.kent.edu>.

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. Fingerprint card(s) should be sent directly to BCII along with the appropriate fee, three months prior to graduation.

Teaching licenses will not be processed by the State Department of Education in Columbus until students have successfully completed the Praxis II Examinations 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

The following program outlines should serve as guides in course selection, however, students must meet regularly with faculty advisers to determine proper course sequencing. Some courses are semester-specific or require pre-requisites. Failure to maintain proper course sequencing may result in a delay in program completion and graduation.

Early Childhood Education

As part of an enrollment management plan, Early Childhood majors are admitted to the program on a selective basis. A maximum of 75 students will be admitted to this program each academic year. 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 ages three through grade three.

**Indicates courses that satisfy Liberal Education Requirements (see pages 77-80).*

I. FIRST YEAR33

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

MATH*14002, Basic Math Concepts II 3

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

II. SECOND YEAR34

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

COMM 10000, Fundamentals of Speech (3)

15000, Theory and Practice of Oral Discourse (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

III. THIRD YEAR36

ECED 30123, Language and Literacy 3

30164, Preschool Education 3
must take 30123, 30164 concurrently

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

40145, Music and Rhythms in Preprimary Education . . . 3

40147, Teaching Mathematics: Early Years 3

EDPF 39525, Inquiry into Schooling	3
ELED 40114, Teaching Science in Early Years	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 three 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 Praxis II Exams: Principles of Learning and Teaching (K-6) and specialty test of Early Childhood Education are required for licensure.

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. The Praxis II exam Principles of Learning and Teaching (5-9) along with the appropriate specialty area tests (listed under the concentration areas) are required for licensure.

As part of an enrollment management plan, Middle Childhood majors are admitted to the program on a selective basis. Stu-

dents 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 Middle Childhood program.

I. FIRST YEAR	33
ENG 10001, College English I	3
10002, College English II	3
MATH 14001, Basic Math Concepts I	4
14002, Basic Math Concepts II	3
EDPF 19525, Inquiry into the Profession	4
US 10001, University Orientation	1
PSYC 11762, General Psychology	3
Humanities LERs (2 courses)	6
Fine Arts LER	3
Concentration courses	3
II. SECOND YEAR	34-36
BSCI 10001, Human Biology	3
EDPF 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
<i>For social studies concentration, refer to concentration area for LER choices.</i>	
Concentration courses	12-14
Choose one of:	3
22071, Great Books I (3)	
22072, Great Books II (3)	
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 one or two 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 42357, Student Teaching MC I	5
42358, Student Teaching MC II	4
TOTAL	130-139

**Must be taken concurrently. Only offered during the spring semester.*

***Introductory Methods block. Only offered during the fall semester. Any additional courses taken must be scheduled in the evening.*

****Second methods block. Only offered during the spring semester.*

Science Concentration

I. Liberal Education Requirement Choices:	7
BSCI 10181, Biological Principles I	4
<i>Choose one of:</i>	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, Seven Ideas that Shook the Universe	3
<i>Choose one from Physical Science</i>	5
CHEM 10060, 10062, General Chemistry I and Lab (5)	
PHY 13001, General College Physics I (5)	
<i>Choose one from Earth Sciences:</i>	4
GEOG 11040, 11041, Earth Dynamics and Lab (4)	
11042, 11043, Earth History and Lab (4)	
<i>Science Electives (Choose one course):</i>	3-4
GEOG 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

Note: Praxis II specialty area test for licensure: MC Science

Mathematics Concentration

Students choosing this concentration should meet their faculty advisers as soon as possible to discuss course selection.

Liberal Education Requirements:

The following may be substituted for Math LER's 14001 and 14002 upon recommendation of adviser:

MATH 12001, Algebra and Trigonometry (4)	
MATH 12002, Analytic Geometry and Calculus I (5)	

Methods for Mathematics:

MCED 40001, Teaching Mathematics in Middle Childhood II . . .	3
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Content for Mathematics:

If LER is 140021 and 14002, take:

MATH 12001, Algebra and Trigonometry	4
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Requirements:

MATH 34001, Fundamental Concepts of Algebra	3
34002, Fundamental Concepts of Geometry	3

Choose one of the following: **3**

MATH 10041, Elementary Probability and Statistics (3)	
30011, Basic Probability and Statistics (3)	

Choose two of the following: **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)	

Upper division math courses may be substituted with approval by math education faculty.

total 22-24

Note: Praxis II specialty area test for licensure: MC Mathematics.

Social Studies Concentration

Humanities:

Please note, in addition to Great Books I or II and Fine Arts elective, students are to take the following:

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 10100, American Politics	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	10500, World Politics (3)	
	30520, European Politics (3)	
	30540, African Politics (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	37040, Geography of Africa (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

Note: Praxis II specialty area test for licensure: MC Social Studies.

Reading/Language Arts Concentration

In addition to the 12 hours of reading required of all students in Middle Childhood, and 3 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, Comm for Teachers	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)	
	total	15

Note: Praxis II specialty area test for licensure: MC Language Arts.

Adolescence/Young Adult (7-12 Licensure)

- Earth Science
- Integrated Language 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.

Student teaching is only offered during the spring semester. Students must work closely with their faculty advisers to position themselves for spring student teaching.

- 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 202-212, and the complete listing of Liberal Education Requirement courses on pages 77-80.)
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 37 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, Secondary Student Teaching 5
 42358, Student Teaching 4
Choose one from: 3
 C&I 47330, Reading and Writing in Adolescence (3)
 HED 42575, Health and Learning Strategies (3)

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 professional and major coursework.
4. The Praxis II tests, Principles of Learning and Teaching (7-12) and appropriate specialty test(s) are 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.

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

Curricula for majors in the special fields begin on page 213.

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 27-33
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

III. Major Requirements 61

BSCI 10181, Principles of Biology I 4
 10182, Principles of Biology II 4
 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
 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
 GEOL 32066, Geomorphology (4)
 33070, Petrology (4)
 34061, Invertebrate Paleontology 4
 GEOG 31062, Meteorology 3
 31064, Climatology 3
 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, Secondary Student Teaching 5
 42358, Student Teaching 4

TOTAL 126-132

The Praxis II exams Principles of Learning and Teaching (7-12) and specialty area test Earth Science - content knowledge are required for licensure.

Integrated Language Arts

I. General College or University Requirements: 1

US 10001, University Orientation 1

II. Liberal Education Requirements 29

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

Math, Logic, and Foreign Languages
 Two semesters of foreign language 8

Social Sciences
 PSYC 11762, General Psychology 3
 Select two from LER 6

Basic Sciences
 Select two from LER 6

III. Major Requirements: 63-64

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 (3)
 - 45154, Rhetorical Criticism (3)
 - 45007, Speech in Free Society (3)

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)

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 Culture3
- THEA 11000, Art of Theatre3
- ENG 21054, Introduction to Shakespeare3

IV. Professional Education37

- EDPF 19525, Inquiry into the Profession4
 - 29525, Inquiry into Teaching and Learning3
 - 39525, Inquiry into Schooling3
- ADED 32142, Principles of Teaching Adolescents3
 - 42292, Field Work Practicum3
 - 32147, Language, Literacy and Learning3
- HED 42575, Health and Learning: Strategies for
 - Students and Teachers3
- ADED 42278, Assessment in Language Arts (see note 3)3
- 49525, Inquiry into Professional Practice3
- 42357, Secondary Student Teaching5
- 42358, Student Teaching4

TOTAL 130-131

The Praxis II exams Principles of Learning and Teaching (7-12) and specialty area test English-content knowledge are required for licensure.

Integrated Mathematics

I. General College or University Requirements:1

- US 10001, University Orientation1

II. Liberal Education Requirements39-41

Composition

- ENG 10001, College English I3
- 10002, College English II3

Math, Logic, and Foreign Language

- Select 6 hours from Logic or Foreign Languages6-8

Humanities and Fine Arts

- COMM 15000, Theory and Practice of Oral Discourse3
- Select 9 hours from approved LER courses9
- 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)*

Social Sciences

- PSYC 11762, General Psychology3
- Select 6 hours from approved LER courses6

Basic Sciences

- Select 6 hours from approved LER courses6

III. Major Requirements44

- CS 10051, Introduction to Computer Science4
- MATH 12002, Analytic Geometry and Calculus I5

Prerequisite MATH 12001 or proficiency test

- 12003, Analytic Geometry and Calculus II5
- 21001, Linear Algebra with Applications3
- 22005, Analytic Geometry and Calculus III3
- 30011, Basic Probability and Statistics3
- 31011, Discrete Mathematics3
- 34001, Fundamental Concepts of Algebra3
- 34002, Fundamental Concepts of Geometry3
- 47021, History of Mathematics3

At least one of:3

- 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 adviser6

IV. Professional Education40

- EDPF 19525, Inquiry into the Profession4
 - 29525, Inquiry into Teaching and Learning3
- ADED 32142, Principles of Teaching Adolescents3
 - 32268, The Secondary Mathematics Curriculum3
- HED 42575, Health and Learning: Strategies for
 - Students and Teachers3

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, Secondary Student Teaching	5
42358, Student Teaching	4
TOTAL	124-126

The Praxis II exams Principles of Learning and Teaching (7-12) and specialty area test Mathematics - content knowledge are required for licensure.

Integrated Science

Integrated Science prepares students to teach all sciences in grades seven through 12.

I. General College or University Requirements:	1
US 10001, University Orientation	1
II. Liberal Education Requirements	32-38
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
MATH 10041, Elementary Probability and Statistics (3)	
30011, Basic Probability and Statistics (3)	
MATH 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.	
Note: MATH 12003, Analytic Geometry and Calculus II is required for the Physics concentration .	
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
III. Major Requirements	45
BSCI 10181, Principles of Biology I	4
10182, Principles of Biology II	4
30156, Elements of Genetics	3
CHEM 10060, General Chemistry I	4
10062, General Chemistry Lab I	1
10061, General Chemistry II	4
10063, General Chemistry Lab II	1
GEOLOGY 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 23101 General University Physics I and PHY 23102 General 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
GEOLOGY 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:

GEOLOGY 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, Secondary Student Teaching 5
 42358, Student Teaching 4

TOTAL 145-154

The Praxis II exams Principles of Learning and Teaching (7-12) and specialty area tests Chemistry, Physics and General Sciences and Biology - content knowledge part I and part II are required for licensure.

Integrated Social Studies

The content area coursework in Integrated Social Studies offers the choice of Economics, Geography, History, Political Science or Sociology Emphasis. Students will be licensed to teach all social science areas grades 7-12.

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

Select two 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

A&S 30000, Colloquium in Women's Studies 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 10100, American Politics 3

IV. Content Area Coursework 27

Choose one of the following emphases:

For Economics emphasis add:

Choose one elective from: 3

POL 10500, World Politics (3)
 10004, Political Institutions (3)
 10002, Political Thought (3)

Choose one elective from: 3

POL 40183, Constitutional Law: Civil Rights and Liberties (3)
 30510, International Organization and Law (3)
 30100, American Political Theory (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)

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 10500, World Politics (3)
 10004, Political Institutions (3)
 10002, Political Thought (3)

Choose one elective from: 3

POL 40183, Constitutional Law: Civil Rights and Liberties (3)
 POL 30510, International Organization and Law (3)
 30100, American Political Theory (3)

Choose one elective from: 3

SOC 22100, Sociological Analysis (3)

22400, Individual and Society (3)

22570, Inequality in Societies (3)

27

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 32080, Political Geography (3)

34070, Economic Geography (3)

36065, Urban 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)

41073, Conservation of Natural Resources (3)

42064, Historical Geography of the United States and Canada (3)

Choose one elective from: 3

POL 10500, World Politics (3)

10004, Political Institutions (3)

10002, Political Thought (3)

Choose one elective from: 3

POL 40183, Constitutional Law: Civil Rights and Liberties (3)

30510, International Organization and Law (3)

30100, American Political Theory (3)

Choose one elective from: 3

SOC 22100, Sociological Analysis (3)

22400, Individual and Society (3)

22570, Inequality in Societies (3)

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For Political Science emphasis add:

POL 20224, State and Local Government 3

10500, World Politics 3

10002, Political Thought 3

Choose one elective from: 3

POL 40183, Constitutional Law: Civil Rights and Liberties (3)

Highly Recommended

40118, Political Parties and Interest Groups (3)

Recommended

30120, Presidency and Executive Bureaucracy (3)

40116, Public Opinion and Political Behavior (3)

30110, The Congress (3)

30150, Metropolitan Government (3)

Choose one elective from: 3

International Relations/Comparative Politics

POL 30510, International Organization and Law (3)

Highly Recommended

40540, Politics of Development (3)

Recommended

40520, Comparative Foreign Policy (3)

40510, United States Foreign Policy (3)

30551, United States - Latin American Relations (3)

40560, Human Rights and Social Justice (3)

30530, Asian Politics (3)

30540, African Politics (3)

Choose one elective from: 3

Political Theory

POL 30100, American Political Theory (3)

Highly Recommended

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)

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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)
 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 10500, World Politics (3)
 10004, Political Institutions (3)
 10002, Political Thought (3)
Choose one elective from: 3
 POL 40183, Constitutional Law: Civil Rights and Liberties (3)
 30510, International Organization and Law (3)
 30100, American Political Theory (3)

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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

The Praxis II exams Principles of Learning and Teaching (7-12) and specialty area test social studies - content knowledge are required for licensure.

Life Science

I. General College or University Requirements: 1
 US 10001, University Orientation 1
II. Liberal Education Requirements 32-38
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 from: 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 by passing the placement exam given by Academic Testing Services.*
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
 20561, Child Psychology (3)
 21211, Psychology of Adjustment (3)
 Social Science Elective 3
III. Major Requirements: 67
 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

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
GEOL 34061, Invertebrate Paleontology	4
<i>Prerequisite will be waived for life science majors.</i>	
Choose one from:	4
BSCI 30030, Human Physiology (4)	
40430, General Physiology (4)	
Choose one from:	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
Choose one from:	4
BSCI 20275, Local Flora (4)	
20560, Invertebrate Zoology (4)	
30518, Vertebrate Anatomy (4)	
Choose one from:	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, Secondary Student Teaching	5
42358, Student Teaching	4
TOTAL	137-143

The Praxis II exams Principles of Learning and Teaching (7-12) and specialty area tests Biology - content knowledge part I and part II are required for licensure.

Life Science/Chemistry

I. General College or University Requirements:	.1
US 10001, University Orientation	1
II. Liberal Education Requirements	.32-38
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
III. Major Requirements:	.64
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
CHEM 10060, General Chemistry I	4
10062, General Chemistry Lab I	1
10061, General Chemistry II	4
10063, General Chemistry Lab II	1
Choose one from:	4
BSCI 30030, Human Physiology (4)	
40430, General Physiology (4)	

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, Secondary Student Teaching	5
42358, Student Teaching	4
TOTAL	134-140

The Praxis II exams Principles of Learning and Teaching (7-12) and specialty area tests Chemistry - content knowledge and Biology - content knowledge part I and part II are required for licensure.

Physical Science

I. General College or University Requirements:	.1
US 10001, University Orientation	1
II. Liberal Education Requirements	.34-40
Composition	
ENG 10001, College English I	3
10002, College English II	3
Math, Logic and Foreign Language	
Choose either	
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

**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 from:	
20651, Child Psychology (3)	
21211, Psychology of Adjustment (3)	
Social Science Elective	3
III. Major Requirements:	.61
BSCI 10181, Principles of Biology I	4
CHEM 10060, General Chemistry I	4
10062, General Chemistry Lab I	1
10061, General Chemistry II	4
10063, General Chemistry Lab II	1
PHY 23101, General University Physics I	5
23102, General University Physics II	5
11030, Seven Ideas that Shook the Universe	3
Choose one from:	
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:	
20481, Basic Organic Chemistry I (4)	
30481, Organic Chemistry (4)	
30284, Introduction to Biological Chemistry	4
40567, Basics of Physical Chemistry	4
GEOG 31062, 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, Secondary Student Teaching	5
42358, Student Teaching	4
TOTAL	133-139

The Praxis II exams Principles of Learning and Teaching (7-12) and specialty area test Chemistry, Physics and General Science are required for licensure.

Special Fields

(K-12 Licensure)

School Health

I. Year 129

US 10001, University Orientation 1

ENG 10001, College English I 3

10002, College English II 3

Math, Logic, and Foreign Language 6

At least one MATH course strongly recommended.

PSYC 11762, General Psychology 3

Basic Science LER 3

EDPF 19525, Inquiry into the Profession 4

HED 11570, Personal Health 3

Fine Arts LER 3

II. Year 232

PHIL 11001, Introduction to Philosophy 3

21011, Introduction to Ethics 3

COMM 15000, Theory and Practice of Oral Discourse 3

PSYC 20651, Child Psychology 3

BSCI 10001, Human Biology: Cells and Systems 3

Social Science LER 3

EDPF 29525, Inquiry into Teaching and Learning 3

HED 11590, Community Health 3

21030, Introduction to Health Education 3

SPED 23000, Introduction to Exceptionality 3

PEB 10035, Lifetime Fitness 2

III. Year 330

HED 20000, Health Education for Early Childhood 3

21050, Health Behavior and Advocacy 3

32544, Human Sexuality 3

32542, Methods and Applications of Health Education . . 5

42041, Health Counseling 3

44543, Administration of School Health Programs 3

NUTR 23511, Nutrition Related to Health 3

EDPF 39525, Inquiry into Schooling 3

HED electives 4

IV. Year 430

HED 34050, Program Planning and Evaluation
in Health Education 3

*First Aid and CPR Certification needed
prior to registration.*

44550, Drug Abuse and Violence Prevention 3

44544, Sexual Health Promotion 3

Choose one from: 3

ITEC 47427, Introduction to Microcomputers in Education (3)
47495, Computer Applications in Education (3)

HED electives 3

C&I 47330, Reading and Writing in Adolescence 3

HED 49525, Inquiry into Professional Practice 3

EDUC 42357, Secondary Student Teaching and Seminar 5

42358, Secondary Student Teaching and Seminar 4

VI. Eligible HED Electives:

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

The Praxis II exams Principles of Learning and Teaching (K-6 or 5-9 or 7-12) and specialty area test in Health Education are required for licensure.

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 YEAR35-36

US 10001, University Orientation1

Humanities and Fine Arts Electives9

ENG 10001, College English I3

10002, College English II3

MATH 11011, College Algebra4

Elective from Math/Logic/Foreign Language2-3

PSYC 11762, General Psychology3

Elective from Basic Sciences LERS3

EDPF 19525, Inquiry Into the Profession4

VOED 44618, Elements of Experienced-Based Education3

II. SECOND YEAR36

COMM 15000, Theory and Practice of Oral Discourse3

ECON 22060, Principles of Microeconomics3

22061, Principles of Macroeconomics3

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 24163, Principles of Management (3)

Choose one from:3

BUS 10123, Exploring Business (3)

BMRT 11000, Introduction to Business (3)

Choose one from:3

BMRT 21000, Business Law and Ethics (3)

FIN 26074, Legal and Reg. Environment (3)

Choose one from:3

ADMS 24053, Intro. to Computer Applications (3)

COMT 11000, Intro. to Computer Systems (3)

Combination of the three courses below:

OMRT 11039, Database Applications (1)

Elective from Basic Science LER3

Choose one from:3

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

MKTG 25010, Marketing (3)

Choose one from:3

OMRT 21038, Business Communications (3)

ENG 20001, Business Writing (3)

EDPF 29525, Inquiry Into Teaching and Learning3

III. THIRD YEAR33

ADMS 34185, Individual and Group Behavior3

EDPF 39525, Inquiry into Schooling3

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

VOED 46001, Organization of Vocational and Technology Education*3

Specialty Area Coursework (See Adviser)21

IV. FOURTH YEAR24-31

HED 42575, Health and Learning: Strategies for Students and Teachers3

VOED 49525, Inquiry into Professional Practice3

C&I 47330, Reading and Writing in Adolescence3

VOED 46031, Vocational Student Teaching*9

45377, Vocational and Technology Education3

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

The Praxis II exams Principles of Learning and Teaching (5-9 or 7-12) and specialty area test of Business Education are required for licensure.

Family and Consumer Sciences Education

I. General College or University Requirements:1

US 10001, University Orientation1

II. Liberal Education Requirements41

Composition

ENG 10001, College English I3

10002, College English II3

Math, Logic and Foreign Language

Any choices from Math, Logic and Foreign Language6

Humanities and Fine Arts

HIST 11050, History of Civilization I3

11051, History of Civilization II3

Choose one from:3

COMM 10000, Fundamentals of Speech (3)

15000, Theory and Practice of Discourse (3)

25851, Communication for Teachers (3)

Any choice from Fine Arts3

Social Sciences

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

Basic Sciences

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
 NUTR 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

HFSM 23012, Food Study 3
 FCS 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
 Electives 6

24

Food Management Production and Service

HFSM 13022, Sanitation and Safety Principles and Practice . . . 3
 13024, Careers in Hospitality Food Service 2
 23012, Food Study 3
 NUTR 23511, Nutrition Related to Health 3
 HFSM 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 35022, Content and Methods for Physical Education . . . 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

The Praxis II exams Principles of Learning and Teaching (5-9 or 7-12) and specialty area test in Home Economics are required for licensure.

Marketing Education

I. General College or University Requirements: 1

US 10001, University Orientation 1

II. Liberal Education Requirements 39

Composition

ENG 10000, Introduction to College English 3
 10001, College English I 3
 10002, College English II 3

Math, Logic and Foreign Language

Any choices from Math, Logic and Foreign Language 6

Humanities and Fine Arts

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 Oral Discourse (3)
 25851, Communication for Teachers (3)

Any choices from Fine Arts 3

Social Sciences

PSYC 11762, General Psychology 3
 Any choices from Social Sciences 3

Basic Sciences

Electives from Basic Sciences 6

III. Content Area Coursework: 36

ECON 22060, Principles of Microeconomics 3
 22061, Principles of Macroeconomics 3

MKTG 25010, Marketing 3
 35035, Consumer Behavior 3
 45045, Advertising and Promotion Management 3
 45082, Retail Management 3
 35050, Marketing Research 3
 45060, International Marketing 3

BUS 10123, Exploring Business 3

ADMS 24053, Introduction to Computer Applications 3

MKTG or VOED Electives 6

IV. Professional Education 49

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
 46031, Vocational Student Teaching 9
 45374, Strategies for Teaching Personal Selling 3

TOTAL 125

The Praxis II exams Principles of Learning and Teaching (5-9 or 7-12) and specialty area test of Marketing Education is required for licensure.

Technology Education

I. General College or University Requirements: 1

US 10001, University Orientation 1

II. Liberal Education Requirements 40

Composition

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

Math, Logic and Foreign Language

MATH 12001, Algebra and Trigonometry 4
 Select remaining 3 hours from LER list 3

Humanities and Fine Arts

COMM 15000, Theory and Practice of Oral Discourse 3
 Choose from Humanities (one must be from Fine Arts) 9

Social Sciences

PSYC 11762, General Psychology 3
 Select remaining 6 hours from LER list 6

Basic Sciences

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

The Praxis II exam Principles of Learning and Teaching (5-9 or 7-12) is required for licensure.

Trade and Industrial Education

I. General College or University Requirements: 1

US 10001, University Orientation 1

II. Liberal Education Requirements 39

Composition

ENG 10000, Introduction to College English 3

10001, College English I 3

10002, College English II 3

Math, Logic, and Foreign Language

Any choices from Math, Logic and Foreign Language 6

Humanities and Fine Arts

HIST 11050, History of Civilization I 3

11051, History of Civilization II 3

Any choices from Fine Arts 3

Social Sciences

PSYC 11762, General Psychology 3

Any choices from Social Sciences 6

Basic Sciences

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

36020, Occupational Exp: Technology 12

36021, Occupational Exp: Manipulative 12

Or appropriate content area coursework (see adviser)

Choose one from: 3

46018, Disadvantage Youth and VOED (3)

46019, Coordination in Vocational
Cooperative Education Programs (3)

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:
Adv. Methods 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.

***If initial license was obtained through the Alternate Vocational Education Licensure program, the 12 hours of approved coursework not used for the initial license may be substituted for VOED 49525 and VOED 46031 (see adviser).*

Note: Those individuals who obtained initial license through the Alternate Vocational Education Licensure program are not required to meet the professional requirements for admission to advanced study.

The Praxis II exam Principles of Learning and Teaching (5-9 or 7-12) is required for licensure.

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 77-80) 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 three 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 19201, and (d) SPED 19202. Additionally, to qualify for advancement to student teaching, students must pass a sign language proficien-

cy examination and receive favorable evaluations from Deaf Education faculty instructors.

Students are required to meet with their faculty advisers during the first year to discuss course sequencing. Some courses in this program are semester-specific and failure to take them in the proper sequence may result in a delay in program completion and graduation.

The Deaf Education Intervention Specialist program can be completed through a four-year course of study. The four-year program consists of 137 credit hours.

I. Year 1	.38
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** (3)	
22072, Great Books II** (3)	
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 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)	
PSYC 11762, General Psychology**	.3
SPED 19201, ASL I	.4
19202, ASL II	.4
II. Year 2	.36
BSCI 10001, Human Biology**	.3
Select two courses from Social Science**	.6
Select one course from Basic Science**	.3
Select one course from Fine Arts**	.3
SPED 23000, Introduction to Exceptionalities	.3
29201, ASL III	.3
29202, ASL IV	.3
43309, Introduction to Deaf Studies	.3
SP&A 34105, Phonemic Bases of Speech and Language	.3
44108, Language Acquisition	.3
EDPF 29525, Inquiry into Teaching and Learning	.3
III. Year 3	.35
EDPF 39525, Inquiry into Schooling	.3
MCED*30001, Teaching Math in MC I	.3

* 30002, Integrated SS and Science MC	.3
* 30004, Reading and Writing in MC	.6
SP&A 43600, Fundamentals of Educational Audiology	.3
SPED 43313, Literacy Assessment and Intervention for D/HH Students	.3
43310, Language Instruction for the Deaf	.3
43010, Family/Professional Collaboration	.3
43020, Assessment in Special Education	.3
43030, Class and Behavioral Management I	.3
43392, Practicum: Deaf	.1
43392, Practicum: Deaf	.1
IV. Year 4	.28
SPED 43311, Instruct Plan: Deaf	.3
43319, Instruct Application: Deaf	.3
43324, Curriculum and Method Deaf	.3
43392, Practicum: Deaf	.3
43992, Practicum: Special Ed.	.1
49525, Inquiry into Professional Practice	.3
43981, Student Teaching Special Education	.9
HED 42575, Health and Learning	.3
TOTAL 137	

**Introductory methods block. Only offered during fall semester.*

***indicates course satisfies LER*

The Praxis II exams Principles of Learning and Teaching (K-6 or 5-9 or 7-12) and specialty area tests Special Education: knowledge-based core principles and Special Education: application of core principles are required for licensure.

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 eight through 14, and grades four through nine. 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.

These students are subject to the same selective screening process as Middle Childhood education students. Please refer to page 200 of this catalog.

The Gifted Education Intervention Specialist license is valid for teaching learners from ages five 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.

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 42357, Student Teaching MC I	.5
TOTAL	147

*Must be taken concurrently. Only offered during the spring semester.

**indicates course satisfies LER.

***Introductory methods block. Only offered during the fall semester.

****Second methods block. Only offered during spring semester.

The Praxis II exams Principles of Learning and Teaching (5-9) and specialty area tests for the concentration areas (listed under concentration areas on pages 201-202) are required for licensure.

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 eight through 14, and grades four through nine. 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 five 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.

A program for Mild/Moderate Educational Needs without Middle Childhood licensure is being developed. Please contact the Office of Academic Services (330) 672-2862 for more information.

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** (3)	
	22072, Great Books II** (3)	
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 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		.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 two courses from Social Science**	.6
	Select one course from Basic Science**	.3
	Select four content area courses	.12
EDPF	29525, Inquiry into Teaching and Learning	.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
	30003, Effective Use of Phonics	.3
	30004, Reading and Writing in MC	.6
	Select four content area courses	.12
SPED	23000, Introduction to Exceptionalities	.3
IV. Year 4		.33
MCED	40092, Field Experience III: MC	.1
	40000, Teaching and Learning MC	.2
	Select two of the following MCED courses	.6
MCED	40001, Teaching Math MC II (3)	
	40002, Teaching Science MC II (3)	
	40003, Teaching Social Studies MC II (3)	
	Select three content area courses	.9
SPED	43010, Family/Professional Collaboration	.3
	43020, Assessment in Special Education	.3
	43030, Class and Behavioral Management I	.3
	43040, Language and Reading Special Education	.3
	43050, Characteristics Mild/Moderate	.3
V. Year 5		.22
SPED	43031, Class and Behavioral Management II	.3
	43060, Curriculum/Methods Mild/Moderate	.3
	43992, Field Experience Special Education	.3
	49525, Inquiry into Professional Practice	.3
	43981, Student Teaching Special Education	.5
MCED	42357, Student Teaching MC I	.5
	TOTAL	156

**indicates course satisfies LER

See a program counselor in 306 White Hall for licensure test requirements.

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 five through 21, and grades kinder-

garten 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 130 credit hours.

I. Year 1	.30
US 10001, University Orientation	.1
ENG 10001, College English I**	.3
10002, College English II**	.3
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 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
Select one course from Social Science**	.3
II. Year 2	.33
PSYC 11762, General Psychology**	.3
BSCI 10001, Human Biology**	.3
Select one course from Social Science**	.3
Select one course from Basic Science**	.3
SPED 23000, Introduction to Exceptionalities	.3
19201, ASL I	.4
ECED 20163, Young Child: Typical/Atypical *	.5
PEP 25034, Motor Development *	.3
EDPF 29525, Inquiry into Teaching and Learning	.3
Select one of the following ENG courses	.3
ENG 22071, Great Books I** (3)	
22072, Great Books II** (3)	
III. Year 3	.37
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 19202, ASL II	.4
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	130

*To be taken concurrently.

**indicates course satisfies LER

***Introductory methods block. Only offered during fall semester.

The Praxis II exams Principles of Learning and Teaching (K-6 or 5-9 or 7-12) and specialty area tests, Special Education: application of core principles and Special Education: knowledge-based core principles are required for licensure.

Other Programs for Licensure

MAT Program: Adolescence/Young Adult

Teacher Licensure

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 Praxis II is required for licensure. Information can be obtained from 404 White Hall, (330) 672-2580.

Nonschool Program in Education

Community Health

*Community Health Education
(No Teaching Licensure)*

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. Year 131-32

US 10001, University Orientation1

ENG 10001, College English I3

10002, College English II3

Mathematics, Logic, Foreign Language LER6-7

Social Science LER6

Basic Science LER3

HED 11570, Personal Health3

Fine Arts LER3

COMM 15000, Theory and Practice of Oral Discourse3

II. Year 231

Hum LER (must be from A&S)3

recommended:

PHIL 11001, Introduction to Philosophy (3)

21001, Introduction to Ethics (3)

BSCI 10001, Human Biology: Cells and Systems3

Social Science LER3

HED 11590, Community Health3

21030, Introduction to Health3

32544, Human Sexuality3

NUTR 23511, Nutrition Related to Health3

PEB 10035, Lifetime Fitness2

HED electives8

III. Year 332

HED 21050 Health Behavior and Advocacy3

22565, Health Data Analysis and Presentation3

32542, Methods and Applications of Health Education . .5

32565, Marketing Health Education Programs3

JMC 20004, Media Writing3

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)

HED electives12

Year 428

HED 34050, Program Planning and Evaluation
in Health Education3

Choose one of:3

ITEC 47427, Introduction to Microcomputers in Education (3)

47430, Computer Applications in Education (3)

HED electives10

44092, Internship in Community Health Education . . .12

List of eligible HED electives (30 total hours)

HED 14020, Introduction to Medical Terminology (2)

32530, Drugs and Health (3)

32575, Consumer Health Advocacy (3)

34060, Small Group Process (2)

36070, Health Related Aspects of Aging (3)

42041, Health Counseling (3)

44025, Women's Health Issues (3)

44544, Sexual Health Promotion (3)

44550, Drug Abuse and Violence Prevention (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 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 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

Students must be admitted to the Education minor in order to take professional education coursework. A 2.50 cumulative GPA is required to declare the minor. Students majoring in program areas of other colleges but pursuing teacher licensure in the state of Ohio must complete the following Education Minor:

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, Secondary 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.

Those pursuing an education minor must satisfy the professional requirements listed on page 194 and be admitted to advanced study prior to taking EDPF 39525 and student teaching.

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 pages 162-163 in the Arts and Sciences section of the catalog.

College of Fine and Professional Arts:

Art Education—See page 247 in the Fine and Professional Arts section of the catalog as the professional education courses are built into the major. Music Education—See pages 293-294 in the Fine and Professional Arts section of the catalog as the professional education courses are built into the major. Physical Education—See page 259 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 295-296 in the Fine and Professional Arts section of the catalog as requirements are listed there.

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

The following minors are available to all 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 is a non-licensure minor.

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 is a non-licensure minor.

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 145-150 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

The following interdisciplinary minors within the College of Arts and Sciences are available to all undergraduate students at Kent State University. Please see pages 150-162 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 180-185 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 233-237 for program requirements.

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

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

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 262-264 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 320 for program requirements.

Flight Technology
Electronic Technology
Technology