



THE COLLEGE OF EDUCATION
Advising Offices are Located in:

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

COLLEGE OF EDUCATION

GOALS 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.

Goals of the College

The college accepts the responsibility for 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 goals, 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 Gerald H. Reed Center for International and Intercultural Education, the Center for Educational Leadership Services, 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 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. Providing a home base for student organizations;
4. Providing advising, counseling and referral services for students in the College of Education with a primary focus on students from underrepresented populations;
5. Providing tutorial services for students in the College of Education;
6. Coordinating a mentoring program (initial focus will be on students from underrepresented populations);
7. Coordinating an early warning program for students in the College of Education;
8. Providing support services for international students;
9. Working with faculty and staff relative to student concerns and minority recruitment;
10. 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 LERs (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 on the Office of Academic Services' Web site: (<http://oas.educ.kent.edu>).

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 that 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, to be eligible for internship and graduation, the students must have achieved a 2.50 cumulative GPA. Graduates of this program receive a B.S. degree.

Educational Studies

The educational studies program is a non-licensure option that 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). The program culminates in a semester-long internship in a setting consistent with the students' career goals.

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 GPA in previous college coursework. They must meet as soon as possible all requirements for admission to advanced study described on page 195.
2. Graduates of other colleges wanting to pursue an undergraduate education program must have an undergraduate GPA of 2.5 or better to be eligible for admission to the College of Education. They must also satisfy the professional requirements for admission to advanced study listed on page 194 and the basic program requirements described on pages 192-193. Appropriate course substitutions will be allowed within the general education and specialized education requirements. A 2.50 average GPA is required for admission to advanced study, student teaching, graduation and licensure. Failure to produce a 2.50 average GPA in the first semester of registration or failure to maintain a 2.50 average GPA in subsequent semesters may result in dismissal from the postundergraduate program.

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.

The office is also responsible for counseling students on the professional requirements for admission to advanced study and the State of Ohio requirements for teacher licensure. Students should meet with a program counselor in the Office of Academic Services no later than the second semester of the freshman year to discuss these requirements. Students are then expected to meet with a program counselor a minimum of one time per year to review his/her file until completion of the degree program. Program counselors are seen by appointment by calling (330) 672-2862.

Student Responsibilities

The College of Education views advising as an equal partnership between the students and the advisers/counselors. Although advisers and counselors provide the necessary support and guidance to students throughout a degree program, it is ultimately the students' responsibility for the following:

- Seek out and use the advising resources available;
- Know his/her program and College of Education requirements;
- Be prepared for an advising appointment with a faculty adviser or program counselor;
- Read the *Undergraduate Catalog* and College of Education Student Newsletter (available every fall/spring on the Office of Academic Services Web site: <http://oas.educ.kent.edu>);
- Read the *College of Education Undergraduate Student Handbook* available on the OAS Web site;
- Regularly check the OAS Web site for up-to-date information and subscribe to the College of Education listserv;
- Review the handouts available in 306 White Hall or Student Services Office at Regional Campuses;
- Understand the registration process and register for classes in a timely manner; and
- Meet all deadlines and requirements for admission to advanced study, student teaching, graduation and licensure.

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 GPA 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 transient students 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 of 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. 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 have directed that certain penalties be invoked by the associate dean for academic affairs 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 of all teacher education majors and minors 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 (see selective admissions programs section on page 197).

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. The advising sheet is a formal evaluation of the students' progress toward a degree program. 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, under the auspices of the Ohio Department of Education (Ohio Revised Code Section 3319.31), requires affirmation of the moral character of its students. Students must respond 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 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

Early childhood and middle childhood majors are required to complete additional pre-advanced study courses with grades of C or better. These majors should refer to the advising sheets for the course information.

Standardized Testing

All teacher education majors and minors are required to demonstrate basic competencies in the following areas before progressing in a degree program: Reading, Writing and Mathematics. Students are required to take the Praxis I (Pre-Professional Skills Test) if they have not adequately demonstrated the competencies through the ACT, SAT and/or COMPASS exams. Students may take the written or computer-based version of Praxis I. Information regarding Praxis I is available in the Office of Academic Services, 306 White Hall, in Student Services offices of the Regional Campuses and on the Office of Academic Services Web site: <http://oas.educ.kent.edu>. The specific competencies are listed below:

Reading

Students must satisfy one of the following options:

1. ACT reading score of 27
2. SAT verbal score of 620
3. COMPASS reading score of 84
4. Combination of ACT reading score of 24 plus a COMPASS reading score of 81
5. Combination of SAT verbal score of 540 plus a COMPASS reading score of 81
6. Praxis I (written test) reading score of 170
7. Praxis I (computer-based test) reading score of 316

Writing

Students must satisfy one of the following options:

1. ACT English score of 25
2. SAT verbal score of 570
3. COMPASS writing score of 95
4. Combination of ACT English score of 23 plus a COMPASS writing score of 80
5. Combination of SAT verbal score of 540 plus a COMPASS writing score of 80
6. Praxis I (written test) writing score of 168
7. Praxis I (computer-based test) writing score of 312

Mathematics

Students must satisfy one of the following options:

1. ACT math score of 27
2. SAT math score of 620
3. Combination of ACT math score of 23 plus a COMPASS algebra score of 49
4. Combination of SAT math score of 540 plus a COMPASS algebra score of 49
5. Praxis I (written test) math score of 174
6. Praxis I (computer-based test) math score of 319

Please note: Those 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.

Please Note: the COMPASS placement test is administered to all incoming first-year students (with zero earned college hours) during the Placement, Advising and Scheduling System (PASS) program.

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 professional requirements for advanced study will be completed. The application must be submitted at least one semester before the term you plan to start upper-division professional coursework.** Applications 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 majors and minors must be officially admitted to advanced study to take upper-division professional coursework. Those students who have preregistered for upper-division professional courses but do not satisfy the professional requirements for advanced study during the term of application will be deregistered from those courses.**

Additional Requirements for Selective Programs

To manage enrollment and deliver high-quality programs, the faculty will select the most qualified applicants for admission based upon evaluation of standardized test scores, academic success (cumulative GPA) at Kent State and other specific program criteria. The following programs are considered selective:

- Early Childhood Education
- Middle Childhood Education
- Gifted Education Intervention Specialist

Please refer to page 199 for additional evaluation criteria associated with the early childhood program. Middle childhood and gifted education also require that students submit a written essay based on a topic determined by the program area. The essay must be submitted the semester in which the students apply 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>. **Passing standardized test scores must be on file in 306 White Hall prior to submission of essay and application for admission to advanced study.**

PERSONAL-PROFESSIONAL CHARACTERISTICS

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 that are unsuitable in a teacher or that 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 academic affairs and, if necessary, by the College of Education Undergraduate Standards and Appeals Committee.

The Kent State University Ombuds is available to students who wish to obtain further information regarding academic appeals procedures. The Office of the Ombuds is located in 250 KSC, (330) 672-9494.

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. Please refer to advising sheet for specific GPA requirements. 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 attend a student teaching meeting to pick up student teaching information packets. These forms must be returned on or before the announced deadline.

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 to do teaching at the assigned site.

Student teaching requires that all students arrange their schedules to be able to follow the cooperating teacher's schedule and devote a full-time effort to this experience.

Please Note: Student teaching for adolescence to young adult majors (language arts, math, science and social studies) is available during the spring semester only. Students are expected to meet with their faculty advisers early in their program to position themselves for a year long internship: fall field practicum and 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 valid 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. LERs 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 State and receive a grade of B or better.
8. Every student is required to complete a writing-intensive course. Please refer to either pages 64 or 84-85 of this *Catalog* for specific information on the Writing-Intensive Course Requirement.
9. Students must complete two diversity courses within their program. Please refer to pages 81-83 in this *Catalog*.
10. 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*. This also applied to education minors who pursue licensure in any of the adolescence to young adult education areas.

11. In accordance with College of Education policy, at the time of graduation an overall cumulative GPA of at least 2.50 is required in all work taken at Kent State for students in all education programs.
12. No more than 4 semester hours of credit in physical education basic activity courses (PEB) are permitted toward graduation.
13. 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.
14. 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.
15. Students who have been dismissed from Kent State 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

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 for Kent State University to recommend students for licensure.

The Praxis II exams are offered approximately six 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, because 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 postbaccalaureate 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 to avoid last-minute confusion and delay of graduation. Specific deadline dates for application are posted on the bulletin board outside 306 White Hall, the OAS Web site (<http://oas.educ.kent.edu>) 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 that 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 to four 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, a 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 prerequisites. 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 50 students will be admitted to this program each academic year. Students seeking admission to this program must meet all professional requirements for admission to advanced study; have a grade of B or better in ECED 10120, Introduction to Early Childhood Services, and ECED 20163, Understanding Young Children: Typical and Atypical Pathways; and have a cumulative GPA of a 3.0 or better in all previous undergraduate coursework. Because of the instituted enrollment management plan, meeting the above requirements does not automatically provide students admittance to the early childhood education major. Faculty will select the most qualified applicants based upon the number of available student spaces and "weighting" of the students' standardized test scores, grades in ECED 10120 and 20163 and cumulative GPA. 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 associated with admission to advanced study and selective admission to 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 LERs (see pages 77-80).*

I. FIRST YEAR	.33
US 10001, University Orientation	1
ENG * 10001, 10002, College English I, II	6
Choose one of:	3
ART * 12001, Art Survey (3)	
ART 22006, Art History I (3)	
22007, Art History II (3)	
EDPF 19525, Inquiry into the Profession	4
Choose one of:	3
GEOG* 10160, Introduction to Geography (3)	
17063, World Geography (3)	
17064, Geography of U.S. and Canada (3)	
MATH*14001, Basic Math Concepts I	4
* 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 YEAR	.34
ECED 10120, Intro. to Early Childhood Services	2
20163, Understanding Young Children	5
EDPF 29525, Inquiry into Teaching and Learning	3
ENG LER	3
FCS 24011, The Family	3
HED 20000, Health Education for Early Childhood Educators	3
Choose one of:	3
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 YEAR	.33
ECED 30123, Language and Literacy	3
30164, Preschool Education	3
<i>must take 30123, 30164 concurrently</i>	
30134, Integrated Expressive Arts and Social Studies in Preschool	3
30147, Teaching Mathematics and Science in Preschool	3
40142, Home/School, Comm. Rel.	3
40145, Music and Rhythms in Preprimary Education	3
40165, Integrated Application of Preschool Curriculum	3
40192, Internship in Preschool	6
ENG 32001, Children's Literature	3
ITEC 47427, Introduction to Microcomputers in Education.	3
IV. FOURTH YEAR	.33
ECED 30144, Expressive Arts and Social Studies in the Primary Grades	3
40105, Appropriate Phonics Instruction for Kindergarten and Primary Children	3
40125, Inquiry into Professional Practice	3
40126, Dev. Read. Lang.: Early Years	3
40147, Teaching Mathematics: Early Years	3
40151, Guidance of Young Children	3
40292, Internship in Kindergarten/Primary	6
EDPF 39525, Inquiry into Schooling	3
ELED 40114, Teaching Science in Early Years	3
Basic Sciences (see LER list)*	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 junior and senior years 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 should initiate contact with their faculty advisor by the end of the first year and are required to meet with them every semester.

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 two 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. Faculty will select the most qualified applicants based upon evaluation of the standardized test scores, cumulative GPA at Kent State University and a written essay. Due to the selective nature of this program, it is advised that the students' cumulative GPA be significantly higher than the College of Education minimum of 2.50. 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 to the middle childhood education program.

I. FIRST YEAR33

EDPF 19525, Inquiry into the Profession 4

ENG 10001, College English I 3

10002, College English II 3

MATH 14001, Basic Math Concepts I 4

14002, Basic Math Concepts II 3

PSYC 11762, General Psychology 3

US 10001, University Orientation 1

Humanities LERs (2 courses) 6

Fine Arts LER 3

Concentration courses 3

II. SECOND YEAR34-36

BSCI 10001, Human Biology 3

CHDS 20092, Field Experience I: MC * 1

EDPF 29525, Inquiry into Teaching and Learning 3

FCS 41095, Special Topics: Early Adolescence * 3

Basic Science LER 3

Social Science LER 6

For social studies concentration, refer to concentration area for LER choices.

Concentration courses 12-14

Choose one of: 3

22071, Great Books I (3)

22072, Great Books II (3)

III. THIRD YEAR34-36

EDUC 39525, Inq. into Schooling 3

MCED 30001, Teaching Math in MC I ** 3

30002, Integrated Social Studies and Science in MC ** . 3

40000, Teaching and Learning in MC ** 2

40005, Effective Use of Phonics in Reading 3

40006 Reading and Writing in MC ** 6

40092, Field Experience III: MC ** 1

Concentration courses 13-15

IV. FOURTH YEAR30-34

MCED 30000, Curriculum and Organization in MC *** 2

30092, Field Experience II: MC *** 1

40007, Teaching Reading with Literature in MC*** 3

HED 42575, Health and Learning: Strategies for Students and Teachers 3

Select one or two of the following: *3-6**

Choose advanced methods courses depending on concentration:

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

49525, Inquiry into Professional Practice 3

TOTAL 130-139

*Must be taken concurrently.

**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.

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 LERs 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

Content for Mathematics:

If LER is 14001 and 14002, take:

- MATH 12001, Algebra and Trigonometry 4

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.

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

COMM 25851, Comm. for Teachers 3

ENG 25002, Literature in English II 3

31001, Fundamentals of English Grammar (3)
31003, Linguistics (3)

Choose one from: 3

ENG 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.

Science Concentration

I. Liberal Education Requirement Choices: 7

BSCI 10181, Biological Principles I 4

Choose one of: 3

BSCI 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

Choose one from Physical Science 5

CHEM 10060, 10062, General Chemistry I and Lab (5)
PHY 13001, General College Physics I (5)

Choose one from Earth Sciences: 4

GEOL 11040, 11041, Earth Dynamics and Lab (4)
11042, 11043, Earth History and Lab (4)

Science Electives (Choose one course): 3-4

BSCI 10182, Biological Principles II (4)
20021, Basic Microbiology (3)
20275, Local Flora (4)
20560, Invertebrate Zoology (4)

GEOG 31062, Fundamentals of Meteorology (3)
41073, Conservation of Natural Resources (3)

GEOL 21080, Oceanography (3)
41073, Geology of Ohio (3)

PHY 21040, Physics in Entertainment and Arts (3)
21430, Frontiers in Astronomy (3)
24001, Astronomy (3)

Education requirement:

MCED 40002, Teaching Science in Middle Childhood 3

total **28-29**

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

Social Studies Concentration

Humanities:

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

ECON 22060, Principles of Microeconomics 3
GEOG 17063, World Geography 3
HIST 12070, History of the United States:
The Formative Period 3
12071, History of the United States:
The Modern Period 3

POL 10100, American Politics 3

Choose one from: 3

ANTH 18210, Intro to Cultural Anthropology (3)
SOC 12050, Intro to Sociology (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

ANTH 38250, Religion: A Search for Meaning (3)
38260, Patterns of Peasant Life (3)
48210, Culture and Communication (3)
48260, Culture Conflict (3)

	48270, Native Peoples of North America (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)	
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)	
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.

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 and on the OAS Web site: <http://oas.educ.kent.edu>. 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 12.

Student teaching is only offered during spring semester. Students must work closely with their faculty advisers to position themselves for spring student teaching and to plan proper course sequencing.

- 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 LERs. The LERs listed below are required of all adolescence/young adult education majors. (In selecting other LERs courses, students should con-

sult their major listing pages 203-213, and the complete listing of LER 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
- 39525, Inquiry into Schooling 3
- ADED 32142, Principles of Teaching Adolescents 3
- 42292, Field Work Practicum 3
- 42357, Secondary Student Teaching 5
- 42358, Student Teaching 4
- 49525, Inquiry into Professional Practice 3
- Methods in licensure area 6
- 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 a 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
EDPF 19525, Inquiry into the Profession	4
ENG 10001, 10002, College English I, II	6
PSYC 11762, General Psychology	3
US 10001, University Orientation	1
LERs*	12
Teaching Certification Area*	6
II. SECOND YEAR .....	.32
EDPF 29525, Inquiry into Teaching and Learning	3
LERs*	19
Teaching Certification Area*	10
III. THIRD YEAR .....	.33
ADED 32142, Principles of Teaching Adolescents	3
EDPF 39525, Inquiry into Schooling	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
<i>Specialized Preparation: One of**</i>	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	
<i>Choose either:*</i>	4-6
MATH 11011, College Algebra (4)	
and	
11022, Trigonometry (2)	
or	
12001, Algebra and Trigonometry (4)	
<i>Choose one of:</i>	3
MATH 10041, Elementary Probability and Statistics (3)	
30011, Basic Probability and Statistics (3)	
<i>*This requirement may be waived by passing the placement exam given by Academic Testing Services.</i>	
Humanities and Fine Arts	
COMM 15000, Theory and Practice of Oral Discourse	3
PHIL 11001, Introduction to Philosophy	3
Fine Arts Elective	3
Social Sciences	
PSYC 11762, General Psychology	3
<i>Choose one of:</i>	3
PSYC 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
GEOG 31062, Meteorology	3
31064, Climatology	3
41082, Geography of Soils	3
41073, Conservation of Natural Resources	3
GEO 11040, Earth Dynamics	3
11041, Earth Dynamics Lab	1
11042, Earth History	3
11043, Earth History Lab	1
21080, Oceanography	3
23063, Mineralogy	4
34061, Invertebrate Paleontology	4
PHY 13001, General College Physics	5
24001, Astronomy	3
<i>Choose one of:</i>	4
GEO 32066, Geomorphology (4)	
33070, Petrology (4)	
IV. Professional Education .....	.37
ADED 32142, Principles of Teaching Adolescents	3
32277, Teaching Science in Secondary Schools	3
42292, Field Work Practicum	3
42277, Topics in Secondary School Science	3

	42357, Secondary Student Teaching	5
	42358, Student Teaching	4
	49525, Inquiry into the Profession	3
C&I	47330, Reading and Writing in Adolescence/Adulthood .3	
EDPF	19525, Inquiry into Education	4
	29525, Inquiry into Teaching and Learning	3
	39525, Inquiry into Schooling	3
	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
	25902, Communication Process	3
THEA	11303, Acting	3

Journalism

ART	23700, Visual Design for Media I	1
	23701, Visual Design Media II	1
JMC	20004, Media Writing	3
	47003, Teaching High School Journalism	3
	Choose one of the following:	1
JMC	22000, Photography (1)	
	22002, Videography (1)	

Writing Elective

	Choose one of the following: . . . . .	.3-4
COMM	25464, Argument (3)	
	45007, Speech in Free Society (3)	
	45154, Rhetorical Criticism (3)	
ENG	Any English course from Writing and Language	
	Studies list on page 118.(3-4)	
JMC	26001, Newswriting (4)	

Language Elective

	Choose one of the following:	3
COMM	45957, Language and Meaning (3)	
ENG	Any Linguistics elective (3)	
PSYC	40461, Psychology of Language (3)	
	Technology and Communications Elective	
	Choose one of the following:	3
JMC	20007, Media Information Gathering (3)	
THEA	11522, Lighting (3)	
	11524, Costuming (3)	
	11622, Scenery (3)	
	21016, Makeup (3)	
	Choose one of the following:	3

COMM	15000, Theory and Practice of Oral Discourse (3)	
	26000, Criticism of Public Discourse (3)	
ENG	21054, Introduction to Shakespeare	3
JMC	20001, Media, Power and Culture	3
THEA	11000, Art of Theatre	3

IV. Professional Education37

ADED	32142, Principles of Teaching Adolescents	3
	32147, Language, Literacy and Learning	3
	42278, Assessment in Language Arts	3
	42292, Field Work Practicum	3
	49525, Inquiry into Professional Practice	3
EDPF	19525, Inquiry into the Profession	4
	29525, Inquiry into Teaching and Learning	3
	39525, Inquiry into Schooling	3
HED	42575, Health and Learning: Strategies for	
	Students and Teachers	3

42357, Secondary Student Teaching	5
42358, Student Teaching	4
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 Orientation	1
II. Liberal Education Requirements	39-41
Composition	
ENG 10001, College English I	3
10002, College English II	3
Math, Logic, and Foreign Language	
Select 6 hours from Logic or Foreign Languages	6-8
Humanities and Fine Arts	
COMM 15000, Theory and Practice of Oral Discourse	3
Select 9 hours from approved LER courses	9
<i>At least one course must be selected from the Humanities in Arts and Sciences; at least one course must be selected from the Fine Arts in Fine and Professional Arts section (select courses from list of approved courses).</i>	
Social Sciences	
PSYC 11762, General Psychology	3
Select 6 hours from approved LER courses	6
Basic Sciences	
Select 6 hours from approved LER courses	6
III. Major Requirements	44
CS 10051, Introduction to Computer Science	4
MATH 12002, Analytic Geometry and Calculus I	5
<i>Prerequisite MATH 12001 or proficiency test</i>	
12003, Analytic Geometry and Calculus II	5
21001, Linear Algebra with Applications	3
22005, Analytic Geometry and Calculus III	3
30011, Basic Probability and Statistics	3
31011, Discrete Mathematics	3
34001, Fundamental Concepts of Algebra	3
34002, Fundamental Concepts of Geometry	3
47021, History of Mathematics	3
At least one of:	
32044, Introduction to Ordinary Differential Equations (3)	
42011, Math Optimization (3)	
42021, Graph Theory and Combinatorics (3)	
42201, Introduction to Numerical Computing I (3)	
47011, Theory of Numbers (3)	
Two 40000-level electives to be approved by adviser	6

IV. Professional Education	40
ADED 32142, Principles of Teaching Adolescents	3
32268, The Secondary Mathematics Curriculum	3
42268, Teaching Mathematics in Secondary Schools	3
42292, Field Work Practicum	3
42357, Secondary Student Teaching	5
42358, Student Teaching	4
49525, Inquiry into Professional Practice	3
EDPF 19525, Inquiry into the Profession	4
29525, Inquiry into Teaching and Learning	3
39525, Inquiry into Schooling	3
HED 42575, Health and Learning: Strategies for Students and Teachers	3
Professional Elective (upper-division)	3
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:	
MATH 11011, College Algebra (4)	4-6
and	
11022, Trigonometry (2)	
or	
* 12001, Algebra and Trigonometry (4)	
Choose one of the following:	
MATH 10041, Elementary Probability and Statistics (3)	3
30011, Basic Probability and Statistics (3)	
MATH 12002, Analytic Geometry and Calculus I	5
<i>*This requirement may be waived with permission of the Department of Mathematics and Computer Science or by passing the placement exam given by Academic Testing Services.</i>	
<i>Note: MATH 12003, Analytic Geometry and Calculus II is required for the physics concentration.</i>	
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
 GEOL 11040, Earth Dynamics 3
 11041, Earth Dynamics Lab 1
 11042, Earth History 3
 11043, Earth History Lab 1
 31062, Meteorology 3
 PHY 11030, Seven Ideas that Shook the Universe 3
 * 13001, General College Physics 5
 * 13002, General College Physics 5

**If physics emphasis is chosen, then PHY 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
 30360, Ecology 4
 40163, Organic Evolution 3
 CHEM 30284, Introduction to Biological Chemistry 4
 GEOG 41073, Cons. of Natural Resources 3
 GEOL 34061, Invertebrate Paleontology 4
Choose one from: 4
 BSCI 30030, Human Physiology (4)
 40430, General Physiology (4)
Choose one from: 4
 CHEM 20481, Basic Organic Chemistry (4)
 30481, Organic Chemistry 1 (4)
Choose one from: 3
 PHY 24001, Astronomy (3)
 21040, Physics in Entertainment and Arts (3)

33

For Earth Science emphasis add:

BSCI 20560, Invertebrate Zoology 4
 CHEM 30111, Quantitative Analysis 4
 GEOG 41082, Soils 3
 GEOL 23063, Mineralogy 4
 34061, Invertebrate Paleontology 4
 PHY 24001, Astronomy 3
Choose one from: 4
 GEOL 32066, Geomorphology (4)
 33070, Petrology (4)
Choose one from: 4
 CHEM 20481, Basic Organic Chemistry I (4)
 30481, Organic Chemistry I (4)

30

For Chemistry emphasis add:

BSCI 20140, Cell Biology 4
 CHEM 30475, Organic Chemistry Lab 2
 20111, Elementary Quantitative Analysis 4
 30284, Introduction to Biological Chemistry 4
 40567, Basic Concepts of Physical Chemistry 4
 GEOL 21062, Environmental Geology 3
 41073, Conservation of Natural Resources 3
Choose one from: 4
 CHEM 20481, Basic Organic Chemistry (4)
 30481, Organic Chemistry 1 (4)
Choose one from: 3
 PHY 21040, Physics in Entertainment and Arts (3)
 21430, Frontiers in Astronomy (3)
 24001, Astronomy (3)

31

For Physics emphasis add:

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

30

V. Professional Education	37
C&I 47330, Reading and Writing in Adolescence/Adulthood	3
EDPF 19525, Inquiry into the Profession	4
29525, Inquiry into Teaching and Learning	3
39525, Inquiry into Schooling	3
ADED 32142, Principles of Teaching Adolescents	3
32277, Teaching Science in Secondary Schools	3
42277, Topics in Secondary School Science	3
42292, Field Work Practicum	3
42357, Secondary Student Teaching	5
42358, Student Teaching	4
49525, Inquiry into Professional Practice	3
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 regardless of their area of emphasis.

I. General College or University Requirements:	1
US 10001, University Orientation	1
II. Liberal Education Requirements	41
Composition	
ENG 10001, College English I	3
10002, College English II	3
Math, Logic and Foreign Language	
Select two courses in the same foreign language	8
Humanities and Fine Arts	
COMM 15000, Theory and Practice of Oral Discourse	3
HIST 11050, History of Civilization I	3
11051, History of Civilization II	3
Fine Arts elective (select one course)	3
Social Sciences	
ECON 22060, Principles of Microeconomics	3
PSYC 11762, General Psychology	3
SOC 12050, Introduction to Sociology	3
Basic Sciences	
Select two courses	6
III. Core Requirements:	24
Psychology	
<i>Choose one of the following:</i>	3
PSYC 21211, Psychology of Adjustment (3)	

30651, Adolescent Psychology (3)	
30821, Psychology of Motivation (3)	
41282, Personality (3)	
41532, Social Psychology (3)	

Economics

ECON 22061, Principles of Macroeconomics	3
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Anthropology

ANTH 18210, Introduction to Cultural Anthropology	3
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Interdisciplinary Studies

A&S 30000, Colloquium in Women's Studies	3
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History

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

Geography

GEOG 10160, Introduction to Geography	3
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Political Science

POL 10100, American Politics	3
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IV. Content Area Coursework	27
<i>Choose one of the following emphases:</i>	

For Economics emphasis add:

Choose one elective from:	3
POL 10002, Political Thought (3)	
10004, Political Institutions (3)	
10500, World Politics (3)	
Choose one elective from:	3
POL 30100, American Political Theory (3)	
30510, International Organization and Law (3)	
40183, Constitutional Law: Civil Rights and Liberties (3)	
Choose one elective from:	3
GEOG 34070, Economic Geography (3)	
36065, Introduction to the City (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)	
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)
 32084, Economics of Environment (3)
 32086, Economics of Education (3)
 42072, Economics of Labor Markets (3)
 42073, Comparative Economic Systems (3)
 42075, International Economic Relations (3)
 42076, Economic Development (3)
 42078, Economic History of Technological and Industrial Development (3)
 42080, Regional Economics (3)
 42081, Urban Economics (3)
 42083, History of Economic Thought (3)
 42085, Public Finance (3)
 42295, (Special Topic) Economics of Health Care (3)
 42295, (Special Topic) Law and Economics (3)

27

For Geography emphasis add:

GEOG 21062, Physical Geography3
 29160, Introduction to Maps and Map Analysis3
Choose one elective from:3

GEOG 17063, World Geography (3)
 17064, 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, Politics and Place (3)
 36065, Introduction to the City (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 10002, Political Thought (3)
 10004, Political Institutions (3)
 10500, World Politics (3)
Choose one elective from:3

POL 30100, American Political Theory (3)
 30510, International Organization and Law (3)
 40183, Constitutional Law: Civil Rights and Liberties (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 History3
 41069, United States 1929-Present3
Choose one elective from:3

PAS 35100, African American Social, Political and Economic Systems (3)
 35200, African Social, Political and Economic Systems (3)

HIST Electives (3- 40000 level):

European Since 15003
 Non-Western History3
Choose one elective from:3

GEOG 32080, Politics and Place (3)
 34070, Economic Geography (3)
 36065, Introduction to the City (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 10002, Political Thought (3)
 10004, Political Institutions (3)
 10500, World Politics (3)
Choose one elective from:3

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

Choose one elective from: 3

SOC 22100, Sociological Analysis (3)

22400, Individual and Society (3)

22570, Inequality in Societies (3)

27

For Political Science emphasis add:

POL 10002, Political Thought 3

10500, World Politics 3

20224, State and Local Government 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

30110, The Congress (3)

30120, Presidency and Executive Bureaucracy (3)

30150, Metropolitan Governance (3)

40116, Public Opinion and Political Behavior (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

30530, Asian Politics (3)

30540, African Politics (3)

30551, United States - Latin American Relations (3)

40510, United States Foreign Policy (3)

40520, Comparative Foreign Policy (3)

40560, Human Rights and Social Justice (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, Politics and Place (3)

34070, Economic Geography (3)

36065, Introduction to the City (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)

27

For Sociology emphasis add:

SOC 22100, Sociological Analysis 3

Choose one elective from: 3

22400, Individual and Society (3)

22570, Inequality in Society (3)

Choose three electives from: 9

SOC 32210, Researching Society (3)

32560, Family and other Intimate Lifestyles (3)

32569, Minorities in America (3)

32762, Deviant Behavior (3)

42315, Sociology of Changing Gender Roles (3)

42478, Adolescent in Society (3)

42577, Sociology of Family Violence (3)

Choose one elective from: 3

GEOG 34070, Economic Geography (3)

36065, Introduction to the City (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)

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 10002, Political Thought (3)

10004, Political Institutions (3)

10500, World Politics (3)

Choose one elective from: 3

POL 30100, American Political Theory (3)

30510, International Organization and Law (3)

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

27

V. Professional Education37

ADED 32142, Principles of Teaching Adolescents3

32275, Social Studies Education and
the Social Sciences3

42275, Teaching Social Studies in Secondary Schools . .3

42292, Field Work Practicum3

42357, 42358, Student Teaching9

49525, Inquiry into Professional Practice3

C&I 47330, Reading and Writing in Adolescence/Adulthood .3

EDPF 19525, Inquiry into the Profession4

29525, Inquiry into Teaching and Learning3

39525, Inquiry into Schooling3

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 Orientation1

II. Liberal Education Requirements32-38

Composition

ENG 10001, College English I3

10002, College English II3

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 I5

**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 Discourse3

PHIL 11011, Introduction to Philosophy3

Fine Arts Elective3

Social Sciences

PSYC 11762, General Psychology3

Choose one from:3

20561, Child Psychology (3)

21211, Psychology of Adjustment (3)

Social Science Elective3

III. Major Requirements:67

BSCI 10181, Principles of Biology I4

10182, Principles of Biology II4

20140, Cell Biology4

30156, Elements of Genetics3

30360, Ecology4

40163, Organic Evolution3

CHEM 10060, General Chemistry I4

10062, General Chemistry Lab I1

10061, General Chemistry II4

10063, General Chemistry Lab II1

30284, Intro. Biological Chemistry4

GEOG 41073, Conservation of Natural Resources3

GEOL 34061, Invertebrate Paleontology4

Prerequisite will be waived for life science majors.

PHY 11030, Seven Ideas That Shook the Universe3

13001, General College Physics I5

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)
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 Education37

EDPF 19525, Inquiry into Education4

29525, Inquiry into Teaching and Learning3

39525, Inquiry into Schooling3

C&I 47330, Reading and Writing in Adolescence/Adulthood .3

ADED 32142, Principles of Teaching Adolescents3

42292, Field Work Practicum3

49525, Inquiry into Professional Practice3

32277, Teaching Science in Secondary School3

42277, Topics in Secondary School Science3

42357, Secondary Student Teaching5

42358, Student Teaching4

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
Choose one from: 4	
BSCI 30030, Human Physiology (4)	
40430, General Physiology (4)	
CHEM 10060, General Chemistry I	4
10062, General Chemistry Lab I	1
10061, General Chemistry II	4
10063, General Chemistry Lab II	1
30111, Quantitative Analysis	4
30284, Introduction to Biological Chemistry	4
30475, Organic Chemistry Lab	2

30481, Organic Chemistry	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
IV. Professional Education	37
ADED 32142, Principles of Teaching Adolescents	3
32277, Teaching Science in Secondary Schools	3
42277, Topics in Secondary School Science	3
42292, Field Work Practicum	3
42357, Secondary Student Teaching	5
42358, Student Teaching	4
49525, Inquiry into Professional Practice	3
C&I 47330, Reading and Writing in Adolescence/Adulthood	3
EDPF 19525, Inquiry into the Profession	4
29525, Inquiry into Teaching and Learning	3
39525, Inquiry into Schooling	3
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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 4-6	
MATH 11011, College Algebra (4)	
and	
11022, Trigonometry (2)	
or	
* 12001, Algebra and Trigonometry (4)	
12002, Analytic Geometry and Calculus	5
12003, Analytic Geometry and Calculus II	5
<i>*This requirement may be waived with permission of the Department of Mathematics and Computer Science or by passing the placement exam given by Academic Testing Services.</i>	
Humanities and Fine Arts	
COMM 15000, Theory and Practice of Oral Discourse	3
PHIL 11001, Introduction to Philosophy	3
Fine Arts Elective	3

<i>Social Sciences</i>	
PSYC 11762, General Psychology	3
<i>Choose one from:</i>	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
CHEM 10060, General Chemistry I	4
10062, General Chemistry Lab I	1
10061, General Chemistry II	4
10063, General Chemistry Lab II	1
30111, Quantitative Analysis	4
30284, Introduction to Biological Chemistry	4
40567, Basics of Physical Chemistry	4
GEOG 31062, Meteorology	3
GEOG 41025, Geophysics	3
PHY 11030, Seven Ideas that Shook the Universe	3
23101, General University Physics I	5
23102, General University Physics II	5
30020, Intermediate Physics Lab	2
32511, Electronics	4
36001, Modern Physics	3
<i>Choose one from:</i>	4
CHEM 20481, Basic Organic Chemistry I (4)	
30481, Organic Chemistry (4)	
<i>Choose one from:</i>	3
PHY 21040, Physics in Entertainment, Arts (3)	
24001, Astronomy (3)	
IV. Professional Education . . . . .	.37
ADED 32142, Principles of Teaching Adolescents	3
32277, Teaching Science in Secondary School	3
42277, Topics in Secondary School Science	3
42292, Field Work Practicum	3
42357, Secondary Student Teaching	5
42358, Student Teaching	4
49525, Inquiry into Professional Practice	3
C&I 47330, Reading and Writing in Adolescence/Adulthood	3
EDPF 19525, Inquiry into the Profession	4
29525, Inquiry into Teaching and Learning	3
39525, Inquiry into Schooling	3
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 1 . . . . .	.29
US 10001, University Orientation	1
EDPF 19525, Inquiry into the Profession	4
ENG 10001, College English I	3
10002, College English II	3
HED 11570, Personal Health	3
PSYC 11762, General Psychology	3
Basic Science LER	3
Fine Arts LER	3
Math, Logic, and Foreign Language	6
<i>At least one MATH course strongly recommended.</i>	
II. Year 2 . . . . .	.32
BSCI 10001, Human Biology: Cells and Systems	3
COMM 15000, Theory and Practice of Oral Discourse	3
EDPF 29525, Inquiry into Teaching and Learning	3
HED 11590, Community Health	3
21030, Introduction to Health Education	3
PEB 10035, Lifetime Fitness	2
PHIL 11001, Introduction to Philosophy	3
21011, Introduction to Ethics	3
PSYC 20651, Child Psychology	3
Social Science LER	3
SPED 23000, Introduction to Exceptionality	3
III. Year 3 . . . . .	.30
EDPF 39525, Inquiry into Schooling	3
HED 20000, Health Education for Early Childhood	3
21050, Health Behavior and Advocacy	3
32542, Methods and Applications of Health Education	5
32544, Human Sexuality	3
42041, Health Counseling	3
44543, Administration of School Health Programs	3
HED electives	4
NUTR 23511, Nutrition Related to Health	3
IV. Year 4 . . . . .	.30
C&I 47330, Reading and Writing in Adolescence	3
EDUC 42357, Secondary Student Teaching and Seminar	5
42358, Secondary Student Teaching and Seminar	4
HED 34050, Program Planning and Evaluation in Health Education	3
<i>First Aid and CPR Certification needed prior to registration.</i>	
44544, Sexual Health Promotion	3

	44550, Drug Abuse and Violence Prevention	3
	49525, Inquiry into Professional Practice	3
	Choose one from:	3
ITEC	47427, Introduction to Microcomputers in Education (3)	
	47495, Computer Applications in Education (3)	
HED electives	. . . . .	3
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 8 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 in 316 White Hall for further information).

Comprehensive Business Education

I. FIRST YEAR	. . . . .	35-36
US	10001, University Orientation	1
	Humanities and Fine Arts Electives	9
ENG	10001, College English I	3
	10002, College English II	3
MATH	11011, College Algebra	4
	Elective from Math/Logic/Foreign Language	2-3
PSYC	11762, General Psychology	3
	Elective from Basic Sciences LERS	3
EDPF	19525, Inquiry Into the Profession	4
VOED	44618, Elements of Experienced-Based Education	3
II. SECOND YEAR	. . . . .	36
COMM	15000, Theory and Practice of Oral Discourse	3
ECON	22060, Principles of Microeconomics	3
	22061, Principles of Macroeconomics	3
	Choose one from:	3
ACCT	23020, Intro. to Financial Accounting (3)	
ACTT	11000, Accounting I (3)	
	Choose one from:	3
BMRT	11009, Introduction to Management Tech. (3)	
M&IS	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
M&IS	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 LER	3
	Choose one from:	3
BMRT	21050, Fund. of Marketing Tech. (3)	
MKTG	25010, Marketing (3)	
	Choose one from:	3
EDPF	29525, Inquiry Into Teaching and Learning	3
ENG	20001, Business Writing (3)	
OMRT	21038, Business Communications (3)	
III. THIRD YEAR	. . . . .	33
EDPF	39525, Inquiry into Schooling	3
ITEC	47403, Instructional Design**	3
M&IS	34185, Individual and Group Behavior	3
VOED	46029, Intro to Training and Development**/**	3
	46030, Two Year College***	3

VOED 36015, Methods of Vocational and Technology Education*	3
46001, Organization of Vocational and Technology Education*	3
Specialty Area Coursework (See Adviser)	21
IV. FOURTH YEAR	24-31
C&I 47330, Reading and Writing in Adolescence	3
HED 42575, Health and Learning: Strategies for Students and Teachers	3
VOED 45372, Issues In Vocational/Technology Subjects*	3
45377, Vocational and Technology Education	3
46020, Curriculum Guide Design and Application*	3
46031, Vocational Student Teaching*	9
47492, Training and Developing Field Expertise **	3
48492, Postsecondary Field Experience***	3
48592, Training and Development Intern and Seminar**	6
48692, Postsecondary Teaching Intern. and Sem.***	6
49525, Inquiry into Professional Practice	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 Orientation	1
II. Liberal Education Requirements	41
Composition	
ENG 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 Discourse (3)	
25851, Communication for Teachers (3)	
Any choice from Fine Arts	3

Social Sciences

ECON 22060, Principles of Microeconomics	3
PSYC 11762, General Psychology	3
SOC 12050, Introduction to Sociology	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
44022, Changing Roles of Men and Women	3
NUTR 33512, Nutrition	3
VOED 46192, Practicum: Occupational (See Adviser)	2-6

Job Training Options: choose one of the following 23-24

Work and Family

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
HFSM 23012, Food Study	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
33020, Legal Issues in the Hospitality Industry	3
33028, Hospitality Food Service Purchasing	3
43030, Food Service Systems Management	3
43032, Food Production and Service Management	3
NUTR 23511, Nutrition Related to Health	3

23

Early Childhood Education and Care

ECED 30144, Expressive Arts and Social Studies	3
30123, Language and Literacy	3
40145, Music and Rhythms in Preprimary Education	3
40153, Organization and Supervision of Early Childhood Centers	3
FCS 34013, Development in Infancy	3
34017, Child Care Participation	3
PEP 35022, Content and Methods for Physical Education	3

SPED 23000, Introduction to Exceptionalities	3
	<u>24</u>
IV. Professional Education	.43
EDPF 19525, Inquiry into the Profession	4
29525, Inquiry into Teaching and Learning	3
39525, Inquiry into Schooling	3
HED 42575, Health and Learning: Strategies for Students and Teachers	3
VOED 36015, Methods of Vocational and Technology Education	3
44618, Elements of Experienced-Based Education	3
45372, Issues in Vocational/Technology Subjects	3
45377, Vocational and Technology Education	3
46001, Organization of Vocational and Technology Education	3
46020, Curriculum Guide Design and Application	3
46031, Vocational Student Teaching	9
49525, Inquiry into Professional Practice	3
	<u>TOTAL 122-127</u>

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
BUS 10123, Exploring Business	3
ECON 22060, Principles of Microeconomics	3
22061, Principles of Macroeconomics	3
M&IS 24053, Introduction to Computer Applications	3
MKTG 25010, Marketing	3
35035, Consumer Behavior	3
35050, Marketing Research	3
45045, Advertising and Promotion Management	3
45060, International Marketing	3
45082, Retailing and Web-Based Merchandising	3
MKTG or VOED Electives	6
IV. Professional Education	.49
C&I 47330, Reading and Writing in Adolescence	3
EDPF 19525, Inquiry into the Profession	4
29525, Inquiry into Teaching and Learning	3
39525, Inquiry into Schooling	3
HED 42575, Health and Learning: Strategies for Students and Teachers	3
VOED 36015, Methods of Vocational and Technology Education	3
44618, Elements of Experienced-Based Education	3
45372, Issues in Vocational/Technology Subjects	3
45374, Strategies for Teaching Personal Selling	3
45377, Vocational and Technology Education	3
46001, Organization of Vocational and Technical Education	3
46020, Curriculum Guide Design and Application	3
46031, Vocational Student Teaching	9
49525, Inquiry into Professional Practice	3
	<u>TOTAL 125</u>

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 4

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 (see adviser) 2

IV. Professional Education 46

EDPF 19525, Inquiry into the Profession 4

29525, Inquiry into Teaching and Learning 3

39525, Inquiry into Schooling 3

HED 42575, Health and Learning: Strategies
for Students and Teachers 3

SPED 23000, Introduction to Exceptionalities 3

VOED 36015, Methods of Vocational and Technology
Education 3

44618, Elements of Experienced-Based Education 3

45377, Vocational and Technology Education 3

45372, Issues in Vocational/Technology Subjects 3

46001, Organization of Vocational
and Technology Education 3

46020, Curriculum Guide Design and Application 3

46031, Vocational Student Teaching 9

49525, Inquiry into Professional Practice 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:

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

ADED 32142, Principles of Teaching Adolescents 3

C&I 47330, Reading and Writing In Adolescence 3

EDPF 19525, Inquiry into the Profession 4

* 29525, Inquiry into Teaching and Learning 3

* 39525, Inquiry into Schooling 3

HED 42575, Health and Learning: Strategies
for Students and Teachers 3

VOED* 36002, In-Service Teaching I 2

* 36015, Methods of Vocational and Technology
Education 3

44618, Elements of Experienced-Based Education 3

* 45372, Issues in Vocational/Technology Subjects 3

* 45377, Vocational and Technology Education:
Adv. Methods 3

46001, Organization of Vocational
and Technology Education 3

* 46020, Curriculum Guide: Design and Application 3

** 46031, Vocational Student Teaching 9

** 49525, Inquiry into Professional Practice 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.

and (d) SPED 19202. Additionally, to qualify for advancement to student teaching, students must pass a sign language proficiency examination and receive favorable evaluations from Deaf Education faculty instructors.

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.

Intervention Specialist

Deaf Education

**Educational Interpreter*

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. LERs (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 GPA to qualify for student teaching as well as for graduation.

**This program leads to Ohio licensure in Educational Interpreting, not teaching licensure.*

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,

I.	Year 1	.....	.32
	US	10001, University Orientation	.....1
	EDPF	19525, Inquiry into the Profession	.....4
	ENG	10001, College English I**	.....3
		10002, College English II**	.....3
	MATH	14001, Basic Math Concepts I**	.....4
		14002, Basic Math Concepts II**	.....3
	PSYC	11762, General Psychology**	.....3
	SPED	19201, ASL I	.....4
		19202, ASL II	.....4
		Select one course from Basic Science**	.....3
II.	Year 2	.....	.36
	BSCI	10001, Human Biology**	.....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)	
		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	23001, Black Experience I: Beginnings to 1865 (3)	
		23002, Black Experience II: 1865 to Present (3)	
	SPED	23000, Introduction to Exceptionalities	.....3
		29201, ASL III	.....3
		29202, ASL IV	.....3
		43309, Introduction to Deaf Studies	.....3
		(fall semester only)	
	SP&A	43600, Fundamentals of Educational Audiology	.....3
		(spring semester only)	
		34104, Speech and Language Development	.....3
		34105, Phonemic Bases of Speech and Language	.....3
		(fall semester only)	

III. Year 3 . . . . .	.35
Select one course from Social Science** . . . . .	.3
MCED*30001, Teaching Math in MC I . . . . .	.3
* 30002, Integrated SS and Science MC . . . . .	.3
* 40006, Reading and Writing in MC . . . . .	.6
SPED 43010, Family/Professional Collaboration . . . . .	.3
43310, Language Instruction for the Deaf . . . . .	.3
(fall semester only)	
43311, Instruct Plan: Deaf (spring semester only) . . . . .	.3
43313, Literacy Assessment and Intervention for D/HH Students (spring semester only) . . . . .	.3
43319, Instruct Application: Deaf . . . . .	.3
(spring semester only)	
43392, Practicum: Deaf . . . . .	.1
43392, Practicum: Deaf . . . . .	.1
43392, Practicum: Deaf . . . . .	.3
IV. Year 4 . . . . .	.34
Select one course from Fine Arts** . . . . .	.3
Select one course from Social Science** . . . . .	.3
EDPF 39525, Inquiry into Schooling . . . . .	.3
HED 42575, Health and Learning . . . . .	.3
SPED 43020, Assessment in Special Education . . . . .	.3
43030, Class and Behavioral Management I . . . . .	.3
43324, Curriculum and Method Deaf . . . . .	.3
(fall semester only)	
43981, Student Teaching Special Education . . . . .	.9
43992, Practicum: Special Ed. . . . .	.1
49525, Inquiry into Professional Practice . . . . .	.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.

Educational Interpreter

This curriculum is designed to prepare interpreters to work with children and adults who are deaf or hard of hearing (D/HH) in an educational setting. Graduates of the program will receive state of Ohio licensure in Educational Interpreting (K-12). This will prepare graduates to interpret in both classroom and nonclassroom settings within educational settings and to perform related student support activities including subject-matter tutoring and other student support tasks under the supervision of a licensed or certified classroom teacher.

Students will be required to spend a one-week internship (at least five full schools days including overnight stays and a weekend night, if open) in a residential school for the deaf during the year of their method sequence, preferably during Kent State's Winter, Spring or Intersession Break of the regular academic year. Students must make arrangements in their schedule for this experience and inform the program faculty of their schedule and program choice by Sept. 30 of that academic year. If this is approved by the program, students will be responsible to make any additional transportation and living arrangements with the residential program themselves.

I. Year 1 . . . . .	.32
US 10001, University Orientation . . . . .	.1
ENG 10001, College English I . . . . .	.3
10002, College English II . . . . .	.3
EDPF 19525, Inquiry into Profession . . . . .	.4
MATH 14001, Basic Math Concepts I . . . . .	.4
14002, Basic Math Concepts II . . . . .	.3
PSYC 11762, General Psychology . . . . .	.3
SPED 19201, ASL I . . . . .	.4
19202, ASL II . . . . .	.4
43100, Issues in Educ. Interpreting . . . . .	.3
II. Year 2 . . . . .	.33
BSCI 10001, Human Biology . . . . .	.3
EDPF 29525, Inquiry Teach & Learn . . . . .	.3
PHIL 11001, Introduction to Philosophy . . . . .	.3
SOC 12050, Introduction to Sociology . . . . .	.3
SPED 29201, ASL III . . . . .	.3
29202, ASL IV . . . . .	.3
43101, Deaf Culture/Community . . . . .	.3
43106, Classroom Setting Interp. . . . .	.3
43107, Nonclassroom Setting Int. . . . .	.3
43309, Intro to Deaf Studies . . . . .	.3
THEA 11000, The Art of the Theatre . . . . .	.3
III. Year 3 . . . . .	.33
ANTH 18210, Intro to Cultural Anthropology . . . . .	.3
EDPF 39525, Inquiry into Schooling . . . . .	.3
Select one of the following ENG courses . . . . .	.3
ENG 22071, Great Books I (3)	
22072, Great Books II (3)	
PHY 11030, Seven Ideas Shook Universe . . . . .	.3
SPED 39201, ASL V . . . . .	.3
39202, ASL VI . . . . .	.3
43092, Deaf Resid. School/Internship . . . . .	.1
43102, Interpreting Processes I . . . . .	.3
43103, Interpreting Processes II . . . . .	.3
43105, Signed English & MCE . . . . .	.3
43109, Cued Speech & Oral Int. . . . .	.3
43192, Practicum: Educational Interpreting . . . . .	.2

IV. Year 427

Select one of the following HIST courses3

HIST	11050, History of Civilization I (3)	
	11051, History of Civilization II (3)	
SP&A	43600, Fundamentals of Audiology	.3
SPED	43010, Family/Pro Collaboration	.3
	43104, Advanced Voice-to-Sign	.3
	43108, ASL Linguistics & Usage	.3
	43392, Practicum: Deaf Education	.9
	49525, Inquiry into Prof Practice	.3

125

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) mathematics, (b) reading and language arts, (c) science, (d) social studies. Please refer to pages 201-203 for concentration area requirements.

These students are subject to the same selective screening process as Middle Childhood Education students. Please refer to page 201 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 130

US	10001, University Orientation	.1
EDPF	19525, Inquiry into the Profession	.4
ENG	10001, College English I**	.3
	10002, College English II**	.3
	Select one of the following ENG courses	.3

ENG	22071, Great Books I**	
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22072, Great Books II**

MATH	14001, Basic Math Concepts I**	.4
	14002, Basic Math Concepts II**	.3

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	23001, Black Experience I: Beginnings to 1865 (3)	
	23002, Black Experience II: 1865 to Present (3)	

Select one course from Fine Arts**3

II. Year 234

BSCI	10001, Human Biology**	.3
CHDS	20092, Field Experience I: Middle Childhood *	.1
EDPF	29525, Inquiry into Teaching and Learning	.3
FCS	41095, Special Topic: Early Adolescents *	.3
PSYC	11762, General Psychology**	.3
SPED	23000, Introduction to Exceptionalities	.3
	Select one course from Social Science**	.3
	Select one course from Basic Science**	.3
	Select four content area courses	.12

III. Year 336

EDPF	39525, Inquiry into Schooling	.3
MCED	30001, Teaching Math in MC I ***	.3
	30002, Integrated SS and Science MC ***	.3
	40000, Teaching and Learning MC ***	.2
	40006, Reading and Writing in MC ***	.6
	40092, Field Experience III:MC ***	.1
	Select five content area courses	.15
SPED	43529, Nature and Needs of Gifted	.3

IV. Year 434

	Select one course from Social Science	.3
MCED	30000, Curriculum and Organization MC ****	.3
	30092, Field Experience II: Middle Childhood ****	.1
	40005, Effective Use of Phonics	.3
	40007, 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 513

MCED	42357, Student Teaching MC I	.5
SPED	49525, Inquiry into Professional Practice	.3
	43981, Student Teaching Special Education	.5

TOTAL 147

*Must be taken concurrently.

**Indicates course satisfies LER.

***Introductory methods block. Only offered during 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 201-203) 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 or 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 130

US 10001, University Orientation1

EDPF 19525, Inquiry into the Profession4

ENG 10001, College English I**3

10002, College English II**3

Select one of the following ENG courses3

ENG 22071, Great Books I** (3)

22072, Great Books II** (3)

MATH 14001, Basic Math Concepts I**4

14002, Basic Math Concepts II**3

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 23001, Black Experience I: Beginnings to 1865 (3)

23002, Black Experience II: 1865 to Present (3)

Select one course from Fine Arts**3

II. Year 234

BSCI 10001, Human Biology**3

CHDS 20092, Field Experience I: Middle Childhood1

EDPF 29525, Inquiry into Teaching and Learning3

FCS 41095, Special Topic: Early Adolescents3

PSYC 11762, General Psychology**3

Select two courses from Social Science**6

Select one course from Basic Science**3

Select four content area courses12

III. Year 337

EDPF 39525, Inquiry into Schooling3

MCED 30092, Field Experience II: Middle Childhood1

30000, Curriculum and Organization MC3

30001, Teaching Math in MC I3

30002, Integrated SS and Science MC3

40005, Effective Use of Phonics3

40006, Reading and Writing in MC6

Select four content area courses12

SPED 23000, Introduction to Exceptionalities3

IV. Year 433

MCED 40092, Field Experience III: MC1

40000, Teaching and Learning MC2

Select two of the following MCED courses6

MCED 40001, Teaching Math MC II (3)

40002, Teaching Science MC II (3)

40003, Teaching Social Studies MC II (3)

Select three content area courses9

SPED 43010, Family/Professional Collaboration3

43020, Assessment in Special Education3

43030, Class and Behavioral Management I3

43040, Language and Reading Special Education3

43050, Characteristics Mild/Moderate3

V. Year 522

MCED 42357, Student Teaching MC I5

SPED 43031, Class and Behavioral Management II3

43060, Curriculum/Methods Mild/Moderate3

43992, Field Experience Special Education3

49525, Inquiry into Professional Practice	3
43981, Student Teaching Special Education	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 kindergarten through 12 who have been identified with a disability that requires moderate to intensive intervention (e.g., developmental disabilities, multiple disabilities).

The moderate/intensive educational needs intervention specialist can be completed through a four-year course of study. The four-year program consists of 130 credit hours.

I. Year 1 . . . . .	.30
US 10001, University Orientation	1
EDPF 19525, Inquiry into the Profession	4
ENG 10001, College English I**	3
10002, College English II**	3
MATH 14001, Basic Math Concepts I**	4
14002, Basic Math Concepts II**	3
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 23001, Black Experience I: Beginnings to 1865 (3)	
23002, Black Experience II: 1865 to Present (3)	
Select one course from Fine Arts**	3
Select one course from Social Science**	3
II. Year 2 . . . . .	.33
BSCI 10001, Human Biology**	3
ECED 20163, Young Child: Typical/Atypical *	5
EDPF 29525, Inquiry into Teaching and Learning	3
PEP 25034, Motor Development *	3
PSYC 11762, General Psychology**	3
SPED 23000, Introduction to Exceptionalities	3
19201, ASL I	4

Select one course from Social Science**	3
Select one course from Basic Science**	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
40005, Effective Use of Phonics	3
40006, 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
HED 42575, Health and Learning	3
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
43981, Student Teaching Special Education	9
49525, Inquiry into Professional Practice	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 B.S. 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 nondegree 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 declare the education minor to take professional education coursework. A 2.50 cumulative GPA is required to declare the minor. Students majoring in eligible 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 40461, 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.

A 2.50 cumulative GPA is required for student teaching, graduation and licensure.

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.

The education minor is restricted to certain programs. The 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 163-164 in the Arts and Sciences section of the Catalog.

College of Fine and Professional Arts:

Art Education—See page 249 in the Fine and Professional Arts section of the Catalog as the professional education courses are built into the major. Music Education—See pages 295-296 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.

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)	

<i>Choose one from:</i>	3
ITEC 47427, Introduction to Microcomputers in Education (3)	
47430, Computer Applications in Education (3)	
HED Elective	3
	<hr/> <hr/>
TOTAL	29

This is a non-licensure minor.

This minor may not be chosen by students majoring in school health education.

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
	<hr/> <hr/>
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 Minors

The following minors within the College of Arts and Sciences are available to all undergraduate students at Kent State University. Please see pages 145-163 for program requirements.

African Studies
 American Studies
 Anthropology
 Applied Conflict Management
 Applied Mathematics
 Asian Studies
 Biological Sciences
 British Studies
 Cartography

Chemistry
 Classics
 Climatology
 Comparative Literature
 Computer Science
 Economics
 English
 French
 Geography
 Geology
 German
 German Studies
 Greek
 Health Care Ethics
 Hellenic Studies
 History
 Jewish Studies
 Justice Studies
 Latin
 Lithuanian Studies
 Mathematics
 North Atlantic Security Studies
 Pan-African Studies
 Paralegal Studies
 Philosophy
 Physics
 Political Science
 Pre-Law
 Psychology
 Religion Studies
 Romanian Studies
 Russian
 Russian Studies
 Sociology
 Spanish
 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 234-238 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 263-264 for program requirements.

Athletic Coaching—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 322 for program requirements.

Flight Technology
Electronic Technology
Technology

