



THE COLLEGE OF EDUCATION
Advising Offices are Located in:

Office of Academic Services
306 White Hall
(330) 672-2862
<http://educ.kent.edu/>

COLLEGE OF EDUCATION

GOALS AND ORGANIZATION

Accredited by the National Council for the Accreditation of Teacher Education (NCATE) 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 for the new millennium. 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 (B.S.E.) and the Bachelor of Science (B.S.). 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. Read 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, the Ohio Literacy Resource Center, the Research Center for Educational Technology, and the Office of Student Development.

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.

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 some 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, such as 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 2.75 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 B.S.E. 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 2.75 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 2.75 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 2.75 or better GPA in previous college coursework. They must meet as soon as possible all requirements for admission to advanced study described on Page 233.
2. Graduates of other colleges wanting to pursue an undergraduate education program must have an undergraduate GPA of 2.75 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 232 and the basic program requirements described on Pages 230-231. Appropriate course substitutions will be allowed within the general education and specialized education requirements. A 2.75 average GPA is required for admission to advanced study, student teaching, graduation and licensure (some programs may require a higher GPA). 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 faculty adviser in their program area. The form can be found on the Office of Academic Services' Web site:

<http://oas.educ.kent.edu>.

The Office of Academic Services, 306 White Hall, is the **primary source of information** dealing with academic requirements and student progress toward completion of degree programs. The office is responsible for:

- Maintaining student academic records,
- Monitoring academic progress,
- Providing academic advising for students,
- Counseling students on the requirements for Admission to Advanced Study,
- Providing information about licensure requirements, college and university policies and procedures and special examinations such as the Praxis I and Praxis II.

Students should meet with a program counselor no later than the second semester of the freshman year to discuss requirements for their program. Students are 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. Failure to do so may result in delay in program completion and graduation. Program counselors are seen by appointment by calling (330) 672-2862.

It is the responsibility of the faculty adviser to initiate course substitutions or waiver approval, provide special information regarding coursework and provide counseling in choosing and scheduling major and professional education courses. Students also will meet with their faculty adviser to discuss potential employment in their chosen field, explore career alternatives or options as they may relate to their major and find out what publications and organizations relate to their field. **Regular consultation with a faculty adviser is an essential aspect of all students' personal academic management and planning. Failure to do so may result in a delay in program completion and graduation.**

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,
- 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 then will 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 faculty 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 2.75 GPA in order to progress in their programs and ultimately graduate (some programs may require a 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.

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. 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 postsecondary 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 minimum 2.75 cumulative GPA. Some programs may require a higher GPA (see selective admissions programs section on Page 234).

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. This requirement is effective for students entering an adolescence to young adult program as of Fall Semester 1995.

Education Minors Content Area Grade Point Average

Students in a program eligible to declare an education minor must achieve a certain minimum GPA in their content area in order to complete the following: declare an education minor, be admitted to advanced study, participate in student teaching and be recommend-

ed for licensure. The following majors require a 2.75 content GPA for the preceding activities: foreign language education, physical education, dance education and music education.

Students in the art education program wishing to complete the activities listed in the previous paragraph must achieve a cumulative GPA of a 2.75.

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 or an appropriate representative from the Regional Campuses and placed on file in 306 White Hall.

Preadvanced 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. 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 preadvanced study courses with specified minimum grades. 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 reading, writing and mathematics before progressing in a degree program. Students are required to take the Praxis I (Preprofessional 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 reading score of 175

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 writing score of 173

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 math score of 174

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 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 238 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 (ADED) majors must apply a year and a half in advance.**)

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 yearlong internship: fall field practicum and spring student teaching.

The process begins with establishing student teaching eligibility. Student teaching application 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 2.75 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 or student teaching may be delayed.

After receiving notification of tentative eligibility for student teaching, the students must attend a mandatory 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. Placements will be made within a 50 mile radius of the Kent Campus. All students are responsible for their own housing and transportation.

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.

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. 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.
4. LERs must be satisfied. (See Pages 77-80 of this *Catalog*.)
5. Students must meet the course requirements of one of the various curricula described later in this section of the *Catalog*.
6. The total major or minor sequence requirements cannot have been completed by work taken at other institutions. Students must take at least one course in each of these sequences at Kent State and receive a grade of B or better.
7. 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.
8. Students must complete two diversity courses within their program. Please refer to Pages 81-83 in this *Catalog*.
9. A minimum 2.75 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 applies to education minors who pursue licensure in any of the adolescence to young adult education areas.
10. In accordance with College of Education policy, at the time of graduation an overall cumulative GPA of at least 2.75 is required in all work taken at Kent State for students in all education programs.
11. No more than 4 semester hours of credit in physical education basic activity courses (PEB) are permitted toward graduation.
12. No more than 10 semester hours of correspondence course credit may be applied toward graduation. Correspondence work may not be taken after one reaches the final 30 semester hours for the degree. Special methods or education-titled courses may not be completed by correspondence.
13. The statements of graduation requirements or of the specifications within the various curricula are not binding upon the college or the university whenever students fail to maintain substantial registration during any two-year (24-month) period. This is interpreted as requiring the completion of 12 semester hours of credit during that period.
14. Students who have been dismissed from Kent 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 Ser-

vices 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 and 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. Electronic fingerprinting is available in the College of Education for a fee. See 306 White Hall for more information.

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.

CONCEPTUAL FRAMEWORK

Kent State University is dedicated to preparing critically reflective teachers and education professionals for leadership in a global society. We emphasize commitment to equitable and caring learning communities. Our programs address these themes:

1) A community of inquiry.

Our inquiry-oriented programs prepare practitioners for collaborative engagement in a community of professional educators. Kent's programs emphasize:

- a) The critical examination and extension of professional knowledge and beliefs, school practices and social purposes of education;
- b) Learning centered and integrated instructional practices; experiential learning and research;
- c) Continuing development of instructional technology skills; and ongoing assessment and evaluation for the purposes of making informed educational decisions.

2) Affirmation of, and responsiveness to, differences.

In our view, educators must consider diversity in its broadest context of opinions, experiences and values as well as individual differences and ways of thinking. In our programs, students learn the valuable role diversity plays in a democratic society. They develop learning environments that promote respect for cultural knowledge, equity and democratic principles.

3) Integrative studies.

Integrative education forges links among traditionally separate disciplines and within teacher education programs. Our goal is to help students mature in their thinking about teaching and be prepared to use a broad combination of theories, research and experiential opportunities to address problems in teaching and learning. The College and Graduate School of Education has close relationships with the eight campuses of Kent State University and collaborates actively with other academic units including the:

College of Arts and Sciences
 College of Business and Graduate School of Management
 College of Communication and Information
 College of Continuing Studies
 College of Fine and Professional Arts
 Honors College
 School of Library and Information Science
 College of Nursing
 School of Technology

4) Reflective practice.

We prepare educators to think about their professional values and to make informed and reasoned decisions. Our students explore professional literature and other education resources to sustain a career-long examination of beliefs, advice, theoretical and research studies. We expect all educators to:

- a) Develop a personally relevant and expanding knowledge of content and pedagogy;
- b) Possess an in-depth knowledge of human development and learning;
- c) Inquire into teaching and learning using systematic approaches;
- d) Approach their work as researchers, submitting their practices to an integrated cycle of assessing, planning, acting and revising; and,
- e) Understand that teaching is multifaceted and informed by creative, ethical and visionary thinking.

5) Learning centered approaches.

As individuals interact with the world, they construct increasingly coherent beliefs and practices that reflect their current knowledge and understanding. Our programs foster meaningful learning to:

- a) Share ideas with one another;
- b) Collaboratively pose questions; create supportive classroom environments;
- c) Meet the needs of individual learners;
- d) Think critically and engage in research to solve problems.

6) Professional responsibility and accountability.

Central to our framework for the initial and advanced preparation of educators is the scholarship of teaching. Our students focus their efforts on becoming public school teachers, open to critique and evaluators of their educational practices. This requires their participation in a variety of experiences which are designed to demonstrate responsibility to:

- a) Students, parents and the school-wide community;
- b) Local, state and federal educational agencies;
- c) The profession at-large through public discourse and advocacy; and,
- d) Engage in continuous lifelong learning and evaluation of their practice.

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 100 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 minimum cumulative GPA of 3.0 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, essay and interview, 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.

I. FIRST YEAR33

US 10001, University Orientation 1

ENG * 10001, 10002, College English I, II 6

Choose one of: 3

ART * 12001, Art Survey (3)

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 YEAR34

ECED 10120, Intro. to Early Childhood Services 2

(Prerequisite course for Block I)

EDPF 29525, Inquiry into Teaching and Learning 3

ENG LER 3

SOC 32570, Inequality in Societies 3

Basic Sciences (see LER list)* 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)

Block I

ECED 20163, Understanding Young Children 5

HDFS 24011, The Family 3

HED 20000, Health Education for Early Childhood Educators . 3

PEP 25033, Life Span Motor Develop. 3

III. THIRD YEAR33

ENG 32001, Children's Literature 3

Block II**

ECED 30123, Language and Literacy 3

30164, Preschool Education 3

must take 30123, 30164 concurrently

30134, Integrated Expressive Arts and
Social Studies in Preschool 3

30147, Teaching Mathematics and
Science in Preschool 3

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

Block III**

ECED 40142, Home/School, Comm. Rel. 3

40165, Integrated Application of Preschool Curriculum . 3

40192, Internship in Preschool 6

ITEC 47427, Introduction to Microcomputers in Education. . 3

IV. FOURTH YEAR33

EDPF 39525, Inquiry into Schooling 3

Basic Sciences (see LER list)* 3

Block IV***

ECED 30144, Expressive Arts and Social
Studies in the Primary Grades 3

40105, Appropriate Phonics Instruction for
Kindergarten and Primary Children 3

40114, Teaching Science in Early Years 3

40147, Teaching Mathematics: Early Years 3

Block V***

40125, Inquiry into Professional Practice 3

40126, Dev. Read. Lang.: Early Years 3

40151, Guidance of Young Children 3

40292, Internship in Kindergarten/Primary 6

TOTAL 133

*Indicates courses that satisfy LERs (see Pages 77-80).

Entry-Year Requirements:

ECED 60101, *Constructivist Teaching in Early Childhood Classrooms* (3)

ECED 60102, *Developing a Balanced Literacy Program* (3)

This course is required for the Ohio professional license.

Note 1: The Praxis II exams: Principles of Learning and Teaching (K-6) and specialty test of Early Childhood Education are required for licensure.

Note 2: The junior and senior years require full-time study.

***Field assignment of nine hours per week in Block II; 20 hours per week in Block III.*

****Field assignment of two and one-half days per week in Block IV; full-time in Block V.*

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, a written essay and a personal interview with faculty. Due to the selective nature of this program, the minimum cumulative GPA is 2.75. 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 YEAR	.33
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 YEAR	.34-36
BSCI 10001, Human Biology ****	3
CHDS 20092, Field Experience I: MC *	1
EDPF 29525, Inquiry into Teaching and Learning	3
HDFS 41095, Special Topics: Early Adolescence *	3
Basic Science LER ****	3
Social Science LER *****	6
Concentration courses	12-14
Choose one of:	3
ENG 22071, Great Books I (3)	
22072, Great Books II (3)	
III. THIRD YEAR	.34-36
EDPF 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 YEAR	.30-34
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
<i>Choose advanced methods courses depending on concentration:</i>	
MCED 40002, Teach Science in MC II (3)	
40003, Teaching Social Studies in MC II (3)	
40001, Teaching Math in MC II (3)	
Concentration courses	6-7
MCED 42357, Student Teaching MC I	5
42358, Student Teaching MC II	4
49525, Inquiry into Professional Practice	3
TOTAL	130-139

*Must be taken concurrently.

**Introductory methods block. Offered only during the fall semester. Any additional courses taken must be scheduled in the evening.

***Second methods block. Offered only during the spring semester.

****Science concentration—refer to Page 241 for LER choices.

*****For social studies concentration, refer to Pages 241 242 for LER choices.

Note: 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.

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)

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)

Methods for Mathematics:

MCED 40001, Teaching Mathematics in Middle Childhood II . . . 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), students choosing this concentration will take the following:

COMM 25851, Comm. for Teachers 3

ENG 25002, Literature in English II 3

Choose one from: 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 10120, Biological Foundations 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 10110, Biological Diversity (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:

HIST 12070, History of the United States:

The Formative Period 3

12071, History of the United States:

The Modern Period 3

Social Sciences:

Please note, in addition to General Psychology, which is required of all students in middle childhood, students choosing this concentration will take the following:

ECON 22060, Principles of Microeconomics 3

GEOG 17063, World Geography 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 offered only 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
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II. Liberal Education Requirements:
Adolescence/young adult education majors will be required to complete a minimum of 36 credit hours of LERs. The LERs listed below are required of all adolescence/young adult education majors. (In selecting other LER courses, students should consult their major listing Pages 243-252, 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. A 2.6 GPA in all major coursework is required for admission to advanced study, student teaching and graduation.
 4. The Praxis II tests, Principles of Learning and Teaching (7-12) and appropriate specialty test(s) are required for licensure.

*Integrated language arts students may choose either COMM 15000 or 26000.

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

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

Curricula for majors in the special fields begin on Page 252.

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
LEERS*	.12
Teaching Certification Area*	.6
II. SECOND YEAR	.32
EDPF 29525, Inquiry into Teaching and Learning	.3
LEERS*	.19
Teaching Certification Area*	.10
III. THIRD YEAR	.33
ADED 32142, Principles of Teaching Adolescents <i>(prerequisite course for remaining ADED courses)</i>	.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
Specialized Preparation: One of***	.3
C&I 47330, Reading and Writing in Adolescence/Adulthood (3)	
HED 42575, Health and Learning: Strategies for Students and Teachers (3)	
Special Methods Course II	.3
Teaching Certification Area*	.9
ADED 42357, 42358, Student Teaching	.9
TOTAL	130

Explanatory Notes

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

**Special Methods Course I and Field Work Practicum are to be taken together the fall prior to student teaching.

***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	.31-33
Composition	
ENG 10001, College English I	.3
10002, College English II	.3
Math, Logic, and Foreign Language	
Choose either:*	.4-6
MATH 11011, College Algebra (4)	
and	
11022, Trigonometry (2)	
or	
12001, Algebra and Trigonometry (4)	
Choose one of:	.3
MATH 10041, Elementary Probability and Statistics (3)	
30011, Basic Probability and Statistics (3)	
<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
Choose one of:	.3
PSYC 20651, Child Psychology (3)	
21211, Psychology of Adjustment (3)	
Social Science elective	.3
III. Major Requirements	.61
BSCI 10110, Biological Diversity	.4
10120, Biological Foundations	.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
GEOG 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
Choose one of: 4
 GEOL 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, Secondary Student Teaching 4
 49525, Inquiry into the Profession 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 130-132

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 21054, Introduction to Shakespeare 3
 25001, Literature in English I 3
 25002, Literature in English II 3
 30001, English Studies 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, Special Topics in 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 Theory 3
 THEA 11000, The Art of the Theatre 3
 11303, The Art of Acting 3
Choose one of the following: 3
 COMM 15000, Theory and Practice of Oral Discourse (3)
 26000, Criticism of Public Discourse (3)

Journalism
 ART 23700, Visual Design for Media I 1
 23701, Visual Design for Media II 1
 JMC 20001, Media, Power and Culture 3
 20004, Media Writing 3
 47003, Teaching High School Journalism 3
Choose one of the following: 1
 JMC 22000, Photography Basics (1)
 22002, Videography Basics (1)

Writing Elective
Choose one of the following: 3
 COMM 25464, Argumentation (3)
 45007, Freedom of Speech (3)
 45154, Rhetorical Criticism (3)
 ENG Any English course from Writing and Language
 Studies list on Page 119.(3)
 JMC 26001, Newswriting (3)

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, Introductory Lighting (3)
 11524, Introductory Costuming (3)
 11622, Introductory Scenery (3)
 21016, Makeup for Stage and Screen (3)

IV. Professional Education 37
 ADED 32142, Principles of Teaching Adolescents 3
 32147, Language, Literacy and Learning 3
 42278, Assessment in Language Arts 3
 42292, Field Work Practicum 3

42357, Secondary Student Teaching . . . . .	.5
42358, Secondary 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
TOTAL	130

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:	3
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	36-38
Composition	
ENG 10001, College English I . . . . .	.3
10002, College English II . . . . .	.3
Math, Logic and Foreign Language	
Choose either:	
MATH 11011, College Algebra (4)	
and	
11022, Trigonometry (2)	
or	
* 12001, Algebra and Trigonometry (4)	
MATH 12002, Analytic Geometry and Calculus I . . . . .	.5
Choose one of the following:	
MATH 10041, Elementary Probability and Statistics (3)	
30011, Basic Probability and Statistics (3)	

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

Note: MATH 12003, Analytic Geometry and Calculus II is required for the physics concentration.

Humanities and Fine Arts

COMM 15000, Theory and Practice of Oral Discourse 3
 PHIL 11001, Introduction to Philosophy 3
 Fine Arts elective 3

Social Sciences

PSYC 11762, General Psychology 3
Choose one of the following: 3
 20651, Child Psychology (3)
 21211, Psychology of Adjustment (3)
 Social Science elective 3

III. Major Requirements 45

BSCI 10110, Biological Diversity 4
 10120, Biological Foundations 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
 GEOG 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 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
 GEOG 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 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
Prerequisite will be waived for integrated science majors.
 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 Life Science emphasis add:

BSCI 20140, Cell Biology 4
 30360, General 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
(Prerequisite will be waived for integrated science majors.)
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 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)	
	<u>30</u>
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
	<u><u>TOTAL 149-154</u></u>

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

Choose one of the following: .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

Anthropology

ANTH 18210, Introduction to Cultural Anthropology .3

Interdisciplinary Studies

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

History

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

Geography

GEOG 10160, Introduction to Geography .3

Political Science

POL 10100, American Politics .3

IV. Content Area Coursework .27

Choose one of the following emphases:

For Economics emphasis add:

Choose one elective from: .3

POL 10004, Comparative Politics (3)	
10500, World Politics (3)	
30002, Political Thought (3)	

Choose one elective from: .3

POL 30100, American Political Theory (3)	
30820, International Organization and Law (3)	
40183, Constitutional Law: Civil Rights and Liberties (3)	

Choose one elective from: .3

GEOG 34070, Economic Geography (3)	
36065, Cities and Urbanization (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)
 32400, Individual and Society (3)
 32570, 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 the 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 Geography **3**
 29160, Introduction to Maps and Map Analysis **3**

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 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)
 34070, Economic Geography (3)
 36065, Cities and Urbanization (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 10004, Comparative Politics (3)
 10500, World Politics (3)
 30002, Political Thought (3)

Choose one elective from: **3**

POL 30100, American Political Theory (3)
 30820, International Organization and Law (3)
 40183, Constitutional Law: Civil Rights and Liberties (3)

Choose one elective from: **3**

SOC 22100, Sociological Analysis (3)
 32400, Individual and Society (3)
 32570, Inequality in Societies (3)

27

For History emphasis add:

HIST 31061, Ohio History **3**
 41069, United States 1929-Present **3**

Choose one elective from: **3**

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

HIST Electives (30000- 40000 level):

European Since 1500 **3**
 Non-Western History **3**

Choose one elective from: **3**

GEOG 32080, Politics and Place (3)
 34070, Economic Geography (3)
 36065, Cities and Urbanization (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 10004, Comparative Politics (3)
 10500, World Politics (3)
 30002, Political Thought (3)
Choose one elective from:3

POL 30100, American Political Theory (3)
 30820, International Organization and Law (3)
 40183, Constitutional Law: Civil Rights and Liberties (3)
Choose one elective from:3

SOC 22100, Sociological Analysis (3)
 32400, Individual and Society (3)
 32570, Inequality in Societies (3)

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For Political Science emphasis add:

POL 10500, World Politics3
 20224, State and Local Government3
 30002, Political Thought3
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)
 30450, Metropolitan Governance (3)
 40116, Public Opinion and Political Behavior (3)
Choose one elective from:3

International Relations/Comparative Politics

POL 30820, 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)
 40560, Human Rights and Social Justice (3)
 40830, United States Foreign Policy (3)
 40840, Comparative Foreign Policy (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)
 32400, Individual and Society (3)
 32570, Inequality in Societies (3)
Choose one elective from:3

GEOG 32080, Politics and Place (3)
 34070, Economic Geography (3)
 36065, Cities and Urbanization (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 Analysis3
Choose one elective from:3

32400, Individual and Society (3)
 32570, 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, Cities and Urbanization (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 10004, Comparative Politics (3)
 10500, World Politics (3)
 30002, Political Thought (3)
Choose one elective from:3

POL 30100, American Political Theory (3)
 30820, International Organization and Law (3)
 40183, Constitutional Law: Civil Rights and Liberties (3)

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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)
 12002, Analytic Geometry and Calculus I5
Choose one from:3

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

**This requirement may be waived by passing the placement exam given by Academic Testing Services.*

Humanities and Fine Arts

COMM 15000, Theory and Practice of Oral 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 10110, Biological Diversity4
 10120, Biological Foundations4
 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

GEO 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 the Profession4
 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 Teaching . . . . .	.5
42358, Student Teaching . . . . .	.4
TOTAL	141-143

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	. . . . .	.36-38
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)		

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

Humanities and Fine Arts

COMM 15000, Theory and Practice of Oral Discourse . . . . .	.3
PHIL 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 10110, Biological Diversity . . . . .	.4
10120, Biological Foundations . . . . .	.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
GEO 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 Education37
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
TOTAL	138-140	

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	. . . . .	.38-40
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 I5
 12003, Analytic Geometry and Calculus II5

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

Humanities and Fine Arts

COMM 15000, Theory and Practice of Oral Discourse3
 PHIL 11001, Introduction to Philosophy3
 Fine Arts elective3

Social Sciences

PSYC 11762, General Psychology3
Choose one from:3
 20651, Child Psychology (3)
 21211, Psychology of Adjustment (3)
 Social Science elective3

III. Major Requirements:61

BSCI 10120, Biological Foundations4
 CHEM 10060, General Chemistry I4
 10062, General Chemistry Lab I1
 10061, General Chemistry II4
 10063, General Chemistry Lab II1
 30111, Quantitative Analysis4
 30284, Introduction to Biological Chemistry4
 40567, Basics of Physical Chemistry4
 GEOG 31062, Meteorology3
 GEOL 41025, Geophysics3
 PHY 11030, Seven Ideas that Shook the Universe3
 23101, General University Physics I5
 23102, General University Physics II5
 30020, Intermediate Physics Lab2
 32511, Electronics4
 36001, Modern Physics3
Choose one from:4
 CHEM 20481, Basic Organic Chemistry I (4)
 30481, Organic Chemistry (4)
Choose one from:3
 PHY 21040, Physics in Entertainment, Arts (3)
 24001, Astronomy (3)

IV. Professional Education37

ADED 32142, Principles of Teaching Adolescents3
 32277, Teaching Science in Secondary School3
 42277, Topics in Secondary School Science3
 42292, Field Work Practicum3
 42357, Secondary Student Teaching5
 42358, Student Teaching4
 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 137-139

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

Special Field

(K-12 Licensure)

School Health

I. Year 130-32

US 10001, University Orientation1
 ENG 10001, College English I3
 10002, College English II3
 HED 11570, Personal Health3
 PEB 10035, Lifetime Fitness2
 PSYC*11762, General Psychology3
 Basic Science LER3
 Fine Arts LER3
 Math, Logic, and Foreign Language6-8
At least one MATH course strongly recommended.
 Social Science LER3

II. Year 231

BSCI* 10001, Human Biology: Cells and Systems3
 COMM *15000, Theory and Practice of Oral Discourse3
 EDPF 19525, Inquiry into the Profession4
 29525, Inquiry into Teaching and Learning3
 HED 11590, Community Health3
 21030, Introduction to Health Education3
 32530, Drugs and Health3
 PSYC* 20651, Child Psychology3
 SPED 23000, Introduction to Exceptionality3
Choose one:3
 PHIL * 11001, Introduction to Philosophy (3)
 * 21001, Introduction to Ethics (3)

III. Year 330

EDPF 39525, Inquiry into Schooling3
 HED 20000, Health Education for Early Childhood3
 21050, Health Behavior and Advocacy3
 32542, Methods and Applications of Health Education .5
 32544, Human Sexuality3
 42041, Health Counseling3
 44543, Administration of School Health Programs3
 HED electives4
 NUTR 23511, Nutrition Related to Health3

IV. Year 430

C&I 47330, Reading and Writing in Adolescence3

EDUC 42357, Secondary Student Teaching and Seminar5

42358, Secondary Student Teaching and Seminar4

HED 34050, Program Planning and Evaluation
in Health Education3

44544, Sexual Health Promotion3

44550, Drug Abuse and Violence Prevention3

49525, Inquiry into Professional Practice3

Choose one from:3

ITEC 47427, Introduction to Microcomputers in Education (3)

47430, Computer Applications in Education (3)

HED electives3

Eligible HED Electives:

HED 32575, Consumer Health Advocacy (3)

34060, Small Group Process (2)

44025, Women's Health Issues (3)

42575, Health and Learning: Strategies for Students
and Teachers (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 121-123

Must receive a grade of C or better in all major coursework, including *LER courses.

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).

*Technology Education—See the School of Technology section (Page 345) of the Catalog. Completion of the Bachelor of Science in Technology along with the technology education licensure minor will provide licensure to teach technology to grades 4-12.

Comprehensive Business Education

I. FIRST YEAR35-36

US 10001, University Orientation1

Humanities and Fine Arts electives9

ENG 10001, College English I3

10002, College English II3

MATH 11011, College Algebra4

Elective from Math/Logic/Foreign Language2-3

PSYC 11762, General Psychology3

Elective from Basic Sciences LERS3

EDPF 19525, Inquiry Into the Profession4

VOED 44618, Elements of Experienced-Based Education3

II. SECOND YEAR36

COMM 15000, Theory and Practice of Oral Discourse3

ECON 22060, Principles of Microeconomics3

22061, Principles of Macroeconomics3

EDPF 29525, Inquiry Into Teaching and Learning3

Elective from Basic Science LER3

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:

ITAP 16639, Database Applications (1)
Choose one from:3
 BMRT 21050, Fund. of Marketing Tech. (3)
 MKTG 25010, Marketing (3)
Choose one from:3
 ENG 20001, Business Writing (3)
 ITAP 26638, Business Communications (3)

III. THIRD YEAR33

EDPF 39525, Inquiry into Schooling3
 ITEC 47403, Instructional Design**3
 M&IS 34185, Individual and Group Behavior3
 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 YEAR24-31

C&I 47330, Reading and Writing in Adolescence3
 HED 42575, Health and Learning: Strategies
 for Students and Teachers3
 VOED 45372, Issues In Vocational/Technology Subjects*3
 45377, Vocational and Technology Education3
 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 Practice3
 Specialty area coursework (See Adviser)3-4

TOTAL 128-136

*Concentration I - Teaching Licensure

**Concentration II - Business Training/Development

***Concentration III - Postsecondary Business Teaching

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

Family and Consumer Sciences Education

I. General College or University Requirements:1

US 10001, University Orientation1

II. Liberal Education Requirements41

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

Math, Logic and Foreign Language
 Any choices from Math, Logic and Foreign Language6

Humanities and Fine Arts
 HIST 11050, History of Civilization I3
 11051, History of Civilization II3
Choose one from:3

COMM 10000, Fundamentals of Speech (3)
 15000, Theory and Practice of Discourse (3)
 25851, Communication for Teachers (3)
 Any choice from Fine Arts3

Social Sciences
 ECON 22060, Principles of Microeconomics3
 PSYC 11762, General Psychology3
 SOC 12050, Introduction to Sociology3

Basic Sciences
 BSCI 10001, Human Biology: Cells and Systems3
 CHEM 10050, Fundamentals of Chemistry3
 10052, Introduction to Organic Chemistry2

III. Content Area Coursework:37-42

Family and Consumer Sciences Major Core
 HDFS 24011, The Family3
 25512, Management of Family Resources3
 44022, Changing Roles of Men and Women3
 NUTR 33512, Nutrition3
 VOED 46192, Practicum: Occupational (See Adviser)2-6
Job Training Options: choose one of the following23-24

Work and Family Option

FCS 34017, Childcare3
 HDFS 24012, Child Development3
 35511, Consumer Issues in Today's Society3
 ID 24511, Housing in Today's Society3
 FD&M 10030, Fashion Fabrics3
 HM 23012, Food Study3
 Electives6

24

Food Management Production and Service Option

HM 13022, Sanitation and Safety Principles and Practice3
 13024, Introduction to Hospitality Management2
 23012, Food Study3
 33020, Legal Issues in the Hospitality Industry3
 33028, Hospitality Food Service Purchasing3
 43030, Food Service Systems Management3

43032, Food Production and Service Management . . . . .	.3
NUTR 23511, Nutrition Related to Health . . . . .	.3
	<u>23</u>

Early Childhood Education and Care Option

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
HDFS 34013, Development in Infancy . . . . .	.3
FCS 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 Education43

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><u>TOTAL 122-127</u></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 Orientation1
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II. Liberal Education Requirements39

Composition	
ENG 10000, Introduction to College English3
10001, College English I . . . . .	.3
10002, College English II . . . . .	.3

Math, Logic and Foreign Language

Any choices from Math, Logic and Foreign Language6
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Humanities and Fine Arts

HIST 11050, History of Civilization I3
11051, History of Civilization II3
Choose one from: . . . . .	.3
COMM 10000, Fundamentals of Speech (3) 15000, Theory and Practice of Oral Discourse (3) 25851, Communication for Teachers (3)	

Any choices from Fine Arts3
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Social Sciences

PSYC 11762, General Psychology3
Any choices from Social Sciences3

Basic Sciences

Electives from Basic Sciences6
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III. Content Area Coursework:36

BUS 10123, Exploring Business3
ECON 22060, Principles of Microeconomics3
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 Education49

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><u>TOTAL 125</u></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.

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: interview with deaf education faculty members; and completion of SPED 19201, SPED 19202 and SPED 43309. 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.

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
SPED 19201, ASL I . . . . .	.4
19202, ASL II . . . . .	.4
23000, Introduction to Exceptionalities . . . . .	.3
Select one course from Fine Arts** . . . . .	.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)	
PSYC 11762, General Psychology** . . . . .	.3
SPED 29201, ASL III . . . . .	.3
29202, ASL IV . . . . .	.3

43309, Introduction to Deaf Studies***	.3
SP&A 43600, Fundamentals of Educational Audiology****	.3
34104, Speech and Language Development	.3
34105, Phonemic Bases of Speech and Language***	.3
Select one course from Basic Science**	.3
Select one course from Social Science**	.3
III. Year 3	.37
Select one course from Social Science**	.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)	
MCED*30001, Teaching Math in MC I	.3
* 30002, Integrated SS and Science MC	.3
* 40006, Reading and Writing in MC	.6
SPED 43030, Class and Behavioral Management I	.3
43310, Language Instruction for the Deaf***	.3
43313, Literacy Assessment and Intervention for D/HH Students****	.3
43319, Instructional Approaches****	.3
43392, Practicum: Deaf (with 43310)	.1
43392, Practicum: Deaf (with 43313)	.1
43392, Practicum: Deaf (with 43319)	.1
43392, Practicum: Deaf Res. School	.1
IV. Year 4	.32
EDPF 39525, Inquiry into Schooling	.3
HED 42575, Health and Learning	.3
SPED 43010, Family/Professional Collaboration	.3
43020, Assessment in Special Education	.3
43311, Instruct Plan: Deaf***	.3
43324, Curriculum and Method Deaf***	.3
43392, Practicum: Deaf (with 43324)	.1
43981, Student Teaching Special Education	.9
43992, Practicum: Special Ed. (with 43311)	.1
49525, Inquiry into Professional Practice	.3
TOTAL	137

*Introductory methods block. Offered only during fall semester.

**indicates course satisfies LER.

***Course offered only during fall semester.

****Course offered only during spring semester.

The Praxis II exams Principles of Learning and Teaching (K-6 or 5-9 or 7-12) and specialty area tests Special Education: Knowl-

edge-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 educational and noneducational settings. 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 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 school 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
BSCI 10001, Human Biology	.3
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
II. Year 2	.33
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
43100, Issues in Educ. Interpreting*	.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 332

ANTH 18210, Intro to Cultural Anthropology3

EDPF 39525, Inquiry into Schooling3

PHY 11030, Seven Ideas Shook Universe3

SPED 39201, ASL V3

39202, ASL VI3

43092, Deaf Resid. School/Internship1

43102, Interpreting Processes Deaf Hard/Hearing I* . . .3

43103, Interpreting Processes Deaf Hard/Hearing II** .3

43105, Signed English & MCE3

43109, Cued Speech & Oral Int.3

43192, Practicum: Educ. Interpreting (with 43103) . . .1

SP&A 43600, Fundamentals of Audiology3

IV. Year 428

Select one of the following ENG courses3

ENG 22071, Great Books I (3)

22072, Great Books II (3)

Select one of the following HIST courses3

HIST 11050, History of Civilization I (3)

11051, History of Civilization II (3)

SPED 43010, Family/Pro Collaboration3

43104, Advanced Voice-to-Sign*3

43108, ASL Linguistics & Usage*3

43192, Practicum: Educ. Interpreting (with 43104) . . .1

43392, Practicum: Deaf Education9

49525, Inquiry into Prof Practice3

125

*Course offered only during fall semester.

**Course offered only during spring semester.

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 240-242 for concentration area requirements.

These students are subject to the same selective screening process as middle childhood education students. Please refer to Page 240 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 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**

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 Learning3

HDFS 41095, Special Topic: Early Adolescents *3

PSYC 11762, General Psychology**3

SPED 23000, Introduction to Exceptionalities3

Select one course from Social Science**3

Select one course from Basic Science**3

Select four content area courses12

III. Year 336

EDPF 39525, Inquiry into Schooling3

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 courses15

SPED 43529, Nature and Needs of Gifted	.3
IV. Year 4	.34
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 5	.13
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. Offered only during fall semester.

****Second methods block. Offered only 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 240-242) 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 as an Intervention Specialist in the area of Mild/Moderate Educational Needs.

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).

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
Select one course from LER Basic Sciences**	.3
Select one course from LER Fine Arts**	.3
Select one course from LER Humanities and Arts**	.3
MATH 14001, Basic Math Concepts I**	.4
14002, Basic Math Concepts II**	.3
PSYC 11762, General Psychology**	.3
II. Year 2	.30
Select one course from LER Basic Sciences**	.3
Select two courses from LER Social Sciences**	.6
Select two courses from LER Humanities and Arts**	.6
EDPF 29525, Inquiry into Teaching and Learning	.3
HED 42575, Health & Learning	.3
PEP 25033, Life Span Motor Development	.3
SPED 23000, Intro to Exceptionalities	.3
43050, Characteristics Students with Mild/Moderate Intervention Needs	.3
III. Year 3	.33
ECED 30144, Express Arts & Social Studies in Primary	.3
40105, Appropriate Phonics	.3
40126, Developmental Reading and Writing: Early Years	.3
40147, Teaching Math Early Years	.3
EDPF 39525, Inquiry into Schooling	.3
MCED 30001, Teaching Math in MC I	.3
30002, Integrated SS and Science MC	.3
40006, Reading and Writing in MC	.6
SPED 43030, Classroom and Behavioral Management I	.3
43070, Planning and Programming for Transitions	.3
IV. Year 4	.30
SPED 43010, Family/Prof Collaboration	.3
43020, Assessment in SPED	.3
43031, Classroom and Behavioral Management II	.3
43040, Language and Reading Special Education	.3
43060, Curriculum/Methods Mild/Moderate	.3
43992, Field Experience Special Education	.3
49525, Inquiry into Professional Practice	.3
43981, Student Teaching Special Education	.9
TOTAL	123

**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.

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 122 credit hours.

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
Select one course from LER Fine Arts**	.3
MATH 14001, Basic Math Concepts I**	.4
14002, Basic Math Concepts II**	.3
PSYC 11762, General Psychology**	.3
SPED 19201, American Sign Language I	.4
19202, American Sign Language II	.4
II. Year 2	.30
Select two courses from LER Humanities and Arts**	.6
Select two courses from LER Social Sciences**	.6
Select two courses from LER Basic Sciences**	.6
EDPF 29525, Inquiry into Teaching and Learning	.3
HED 42575, Health and Learning	.3
PEP 25033, Life Span Motor Development	.3
SPED 23000, Introduction to Exceptionalities	.3
III. Year 3	.30
EDPF 39525, Inquiry into Schooling	.3
ECED 30123, Language and Literacy	.3
30144, Express Arts & Social Studies in Primary	.3
40105, Appropriate Phonics	.3
40126, Developmental Reading and Writing:	
Early Years	.3
40147, Teaching Math Early Years	.3
SPED 43030, Classroom and Behavioral Management I	.3
43051, Characteristics Moderate/Intensive	.3
43070, Planning Program for Transition	.3
43992, Field Experience Special Education	.3

IV. Year 4	.30
SPED 43010, Family/Professional Collaboration	.3
43020, Assessment in Special Education	.3
43031, Classroom and Behavioral Management II	.3
43040, Language and Reading Special Education	.3
43061, Curriculum/Methods Classroom Instruction:	
Moderate/Intensive Intervention	.3
43080, Assistive Technology for Students with	
Disabilities	.3
43981, Student Teaching Special Education	.9
49525, Inquiry into Professional Practice	.3
TOTAL	122

**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: Application of Core Principles and Special Education: Knowledge-Based Core Principles are required for licensure.

Other Programs for Licensure

MAT Program: Early Childhood Education

This program is designed for exceptionally qualified persons who possess at least a baccalaureate degree in a discipline other than teacher education and seek initial licensure for teaching children age three through grade three. Admission to this two-year full-time program is highly selective. Information can be obtained from the early childhood faculty in 404 White Hall (330) 672-2580.

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 131-33

US 10001, University Orientation1

ENG 10001, College English I3

10002, College English II3

Mathematics, Logic, Foreign Language LER6-8

Social Science LER6

Select two courses from the Social Science LERs.

Basic Science LER3

HED 11570, Personal Health3

Fine Arts LER3

COMM*15000, Theory and Practice of Oral Discourse3

II. Year 231

Humanities 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

32542, Methods and Applications of Health Education . .5

Choose one of:3

COMM 45960, Health Communication (3)

HED 32565, Marketing Health Education Programs (3)

Choose one of:3

JMC 20001, Media, Power and Culture (3)

20003, Introduction to Mass Communication (3)

20004, Media Writing (3)

40001, Fundamentals of Media Messages (3)

Choose 3-4 hours:3-4

HED 22565, Health Data Analysis and Presentation (3)

PSYC 21621, Quantitative Methods in Psychology I (3)

SOC 32220, & 32221, Data Analysis & Lab (4)

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)

General electives11-12

IV. 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 Education12

List of eligible HED electives (18 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 122-124

**Must receive a minimum grade of C in all major coursework, including the *LER courses.*

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; middle childhood education; instructional technology; literacy; mathematics, science and social studies (adolescence to young adult); health education; vocational education; public school administration; higher education adminis-

tration; 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 (2.75 for Art Education majors) as well as a 2.75 in the major, 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
*XXX 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 232 and be admitted to advanced study prior to taking EDPF 39525 and student teaching.

A 2.50 cumulative GPA (2.75 for art education majors) and a 2.75 major GPA are 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 170-171 in the Arts and Sciences section of the Catalog.

College of Fine and Professional Arts:

Art Education—See Page 289 in the Fine and Professional Arts section of the Catalog as the professional education courses are built into the major. Music Education—See Pages 317-318 in the Fine and Professional Arts section of the Catalog as the professional education courses are built into the major. Physical Education—See Page 297 in the Fine and Professional Arts section of the Catalog as the professional courses are built into the major.

School of Technology:

Technology Education—See the School of Technology section (Page 345) of the Catalog. Completion of the Bachelor of Science in Technology along with the technology education licensure minor will provide licensure to teach technology to grades 4-12.

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 11570, Personal Health . . . . .	.3
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
HED 32530, Drugs and Health (3)	
32544, Human Sexuality (3)	
TOTAL	26

This is a non-licensure minor.

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

2.50 GPA required.

Human Sexuality

HED 32544, Human Sexuality . . . . .	.3
44025, Women's Health Issues . . . . .	.3
44544, Sexual Health Promotion Programs . . . . .	.3
46057, Advanced Human Sexuality . . . . .	.3
47070, AIDS: Issues, Education, Prevention . . . . .	.3
Sexuality electives . . . . .	.6
TOTAL	21

This is a non-licensure minor.

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

2.50 GPA required.

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 the Colleges of Arts and Sciences, Business Administration, Communication and Information and Fine and Professional Arts do not lead to teacher licensure.

Arts and Sciences

The following minors within the College of Arts and Sciences are available to all undergraduate students at Kent State University. Please see Pages 150-170 for program requirements.

African Studies
 American Sign Language
 American Studies
 Ancient, Medieval and Renaissance Studies
 Anthropology
 Applied Conflict Management
 Applied Mathematics
 Asian Studies
 Biological Sciences
 British Studies
 Business French
 Business German
 Business Russian
 Business Spanish
 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
 Lesbian, Gay, Bisexual and Transgendered Studies
 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 189-194 for program requirements.

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

Communication and Information

The following minors within the College of Communication and Information are available to all undergraduate students at Kent State University. Please see Pages 204-205 for program requirements.

Advertising
 Communication Studies
 Design
 Electronic Media
 Media Literacy
 Photo Illustration
 Public Relations
 Visual Journalism

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 276-278 for program requirements.

Art History
 Crafts
 Dance*
 Family, Food and Nutritional Studies
 Gerontology
 Hospitality Food Service Management
 Music*
 Studio Art
 Theatre

**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 299-301 for program requirements.

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

Technology

The following minors within the School of Technology are available to all undergraduate students at Kent State University. Please see Page 346 for program requirements.

Electronic Technology
 Flight Technology
 Technology

KENT STATE UNIVERSITY INSTITUTIONAL REPORT ON THE QUALITY OF TEACHER PREPARATION

Mission:

Kent State University was founded in 1910 as Kent State Normal College, an institution dedicated to excellence in teacher education, with a mission to prepare quality teachers for northeast Ohio. The university has grown dramatically during the past nine decades, and is recognized as one of the leading comprehensive universities in Ohio and the nation. Kent State is described as a Carnegie Doctoral/Research Extensive University (one of only six in Ohio and 151 in the United States) with 181 undergraduate major areas, and 102 graduate major areas of study in arts and sciences, business, education, fine and professional arts, nursing and technology.

Teacher Preparation:

The College and Graduate School of Education (CGSE) offers more than 30 undergraduate and 21 graduate majors leading to initial teacher licensure in Ohio. Many graduate licensure programs in areas of school administration and pupil personnel are available as well. The university also offers licensure programs in the Colleges of Arts and Sciences, and Fine and Professional Arts and the School of Technology where students elect a subject major with a minor in education. Programs in the CGSE can be pursued at the baccalaureate, master's, educational specialist and doctoral levels.

Student Characteristics:

Kent State University's College and Graduate School of Education has an enrollment of 2,805 in teacher education at the undergraduate and graduate (MAT) levels. The student body is 75% female, 25% male. The ethnic composition is 92% Caucasian, 4.5% African-American, .6% Hispanic, .5% Asian, .6% Native American, 1.8% not reported. The average ACT score for university freshmen is 21.3. The grade point average for majors in undergraduate education is 3.17 and 3.77 for graduate education. The student/faculty ratio is 16.5 to 1.

Admission Requirements:

Students at the undergraduate level must have a 2.75 minimum cumulative grade-point average to be admitted to the College of Education. Further, they must meet a number of criteria for admission to advanced study including established proficiencies in mathematics, reading and writing. In addition, there are specific criteria for admission to particular majors: Intervention specialist majors must have a 3.0 in their professional courses; early childhood majors must have at least a 3.0 cumulative GPA in order to be eligible to apply for admission to the program; adolescence/young adult majors are required to have a 2.6 in their content area(s); middle childhood students must have a minimum 2.75 GPA for consideration to this selective admission's major. Finally, minimum grades in specific courses are required in all majors.

Admission to Student Teaching:

In order to student teach, students must have satisfactorily completed all criteria for Admission to Advanced Study including proficiencies in mathematics, reading and writing; all coursework (including field and clinical experience) for their degree programs; and they must be given final departmental approval.

Accreditation:

Kent State University is accredited by The Higher Learning Commission and a member of the North Central Association. Preparatory programs offered by the College of Education for prospective teachers and other school personnel are accredited by the National

Council for the Accreditation of Teacher Education (NCATE) and approved by the Ohio Department of Education. Additional accrediting groups include: Council for Accreditation of Counseling and Related Education Programs (CACREP), American Psychological Association (APA), National Association of School Psychologists (NASP), Council on Rehabilitation Education (CORE) and Council on Education of the Deaf (CED).

Notable Features/Accomplishments

Kent State University

- Has established a Research Center for Educational Technology and an Ameritech Electronic University School Classroom. All graduates must meet national standards for computer and technology literacy. The college offers selected coursework through distance/distributed delivery and a state-of-the-art technology support lab in the Instructional Resources Center.
- Is home for the Ohio Literacy Resource Center.
- Received the American Association of Colleges of Teacher Education's 1999 Best Practice Award in Support of Diversity.
- Has established teacher education initiatives closely allied with the Kent Educational Network for Tomorrow, a collaborative partnership of school districts, human service agencies and the College and Graduate School of Education.
- Has a broad-based, universitywide commitment to teacher education guided by a University Council on Teacher Education.
- Has partnered with four urban districts to implement reform initiatives, including program specializations in urban education in collaboration with the Department of Pan-African Studies.
- Has an extensive program in international/intercultural education that includes opportunities for student teaching abroad.
- Has established an interdisciplinary Center for Disability Studies that promotes collaborative research training.
- Has a well recognized Master of Arts in Teaching (MAT) degree program with an outstanding placement record.

Additional Information

Total number of students in teacher preparation, all specializations, in academic year 2000-2001	3109
Number of students in supervised student teaching in academic year 2000-2001	591
Number of faculty members who supervised student teachers in 2000-2001	75
Student teacher/faculty supervisor ratio	8:1
The average number of student teaching hours per week required	30
The total number of weeks of supervised student teaching required	13
Average total number of hours required	390
Student teaching varies by program, ranging from 10 to 16 weeks.	

H.E.A.—TITLE II 2000-2001 ACADEMIC YEAR

<i>Institution Name:</i>	KENT STATE UNIVERSITY					
<i>Institution Code:</i>	1367					
<i>State:</i>	Ohio					
<i>Number of Program Completers Submitted</i>	578					
<i>Number of Program Completers found, matched, and used in passing rate Calculations 1</i>	560					
				<i>Statewide</i>		
<i>Type of Assessment</i> ²	Number Taking Assessment ³	Number Passing Assessment ⁴	Institutional Pass Rate	Number Taking Assessment ³	Number Passing Assessment ⁴	Statewide Pass Rate
<i>Aggregate - Basic Skills</i>						
<i>Aggregate - Professional Knowledge</i>	479	457	95%	7350	6808	93%
<i>Aggregate - Academic Content Areas (Math, English, Biology, etc.)</i>	424	396	93%	6525	5997	92%
<i>Aggregate - Other Content Areas (Career/ Technical Education, Health Educations, etc.)</i>	35	35	100%	207	207	100%
<i>Aggregate - Teaching Special Populations (Special Education, ELS, etc.)</i>	78	76	97%	749	723	97%
<i>Aggregate - Performance Assessments</i>						
<i>Summary Totals and Pass Rates</i> ⁵	560	514	92%	7562	6728	89%

1 The number of program completers found, matched and used in the passing rate calculation will not equal the sum of the column labeled "Number Taking Assessment" since a completer can take more than one assessment.

2 Institutions and/or states did not require the assessments within an aggregate where data cells are blank.

3 Number of completers who took one or more tests in a category and within their area of specialization.

4 Number who passed all tests they took in a category and within their area of specialization.

5 Summary Totals and Pass Rate: Number of completers who successfully completed one or more tests across all categories used by the state for licensure and the total passrate.