

Kent State University

Click on the program name within the degree requirements to go to the course descriptions.

COLLEGE OF EDUCATION, HEALTH, AND HUMAN SERVICES	286	Political Science Concentration	317
Mission Statement	287	Sociology Concentration	317
Office of Student Services	287	Intervention Specialist	318
Academic Regulations and Information	287	Deaf Education Intervention Specialist Concentration	318
Undergraduate Teacher Licensure Programs	290	Educational Interpreter Concentration	320
Conceptual Framework	290	Gifted Education Concentration	321
Coursework	291	Mild/Moderate Educational Needs Concentration	323
Other Programs for Teacher Licensure	291	Moderate/Intensive Educational Needs Concentration	324
Requirements for Admission to Advanced Study	292	Life Science	325
Personal-Professional Characteristics	294	Life Science/Chemistry	326
Interruption of Progress Toward Completion of Advanced Study		Marketing Education	327
Coursework	294	Middle Childhood Education	328
Due Process	294	Mathematics Concentration	329
Student Teaching	294	Reading/Language Arts Concentration	329
Teacher Licensure	295	Science Concentration	329
Graduation Requirements	296	Social Studies Concentration	330
Adolescence/Young Adult (7-12 Licensure) Program	296	Nutrition and Food	330
Career Technical Teacher Education	297	Hospitality Management Concentration	330
Other Professional Licensure Programs	297	Nutrition and Dietetics Concentration	331
Professional Organizations and Awards	297	Physical Education	332
Degree Programs	299	Exercise Sciences	333
Athletic Training	299	Health and Physical Education Concentration	334
Community Health Education	301	Human Movement Studies Concentration	334
Early Childhood Education	302	Teacher Education Concentration	334
Earth Science	303	Physical Science	335
Educational Studies	304	Recreation, Park and Tourism Management	336
Family and Consumer Sciences Education	304	Recreation and Park Management Concentration	337
Early Childhood Education and Care Concentration	305	Tourism Management Concentration	337
Food Management Production and Service		School Health (K-12 Licensure)	337
Concentration	305	School Health (Pre-K-12 Licensure)	338
Work and Family Concentration	305	Health and Physical Education Concentration	338
Human Development and Family Studies	305	B.S. and Combined B.S./M.A. Speech Pathology and	
Gerontology Concentration	307	Audiology	339
Integrated Business Education	308	Sport Administration	340
Integrated Health Studies	309	Trade and Industrial Education	341
Health Care Administration and Systems Concentration	310	Minors	342
Health Sciences Concentration	311	Education	342
Health Services Concentration	311	Athletic Coaching	343
Integrated Language Arts	312	Community Health Education	343
Integrated Mathematics	313	Family, Food and nutritional Studies	343
Integrated Science	314	Gerontology	344
Chemistry Concentration	315	Hospitality Management	344
Earth Science Concentration	315	Human Sexuality	345
Life Science Concentration	315	Recreation and Park Management	345
Physics Concentration	315	Sport Administration	345
Integrated Social Studies	316	Sports Medicine	345
Economics Concentration	317	Tourism Management	345
Geography Concentration	317	Business	346
History Concentration	317	Quality of Teacher Preparation	349



THE COLLEGE OF EDUCATION, HEALTH, AND HUMAN SERVICES
Academic Advising Offices:

Office of Student Services
304 White Hall
330-672-2862
<http://www.ehhs.kent.edu/>

COLLEGE OF EDUCATION, HEALTH, AND HUMAN SERVICES

MISSION STATEMENT

The College of Education, Health, and Human Services creates and advances knowledge as it educates professionals who enhance health and well-being and enable learning across the lifespan.

The College of Education, Health, and Human Services (EHHS) consists of three schools—Family and Consumer Studies; Exercise, Leisure and Sport (within the Health and Human Services program); and Speech Pathology and Audiology. The college also contains three departments: Teaching, Leadership and Curriculum Studies (TLCS); Adult, Counseling, Health and Vocational Education (ACHVE); and Educational Foundations and Special Services (EFSS). The college offers 27 distinctive programs that lead to the degrees of Bachelor of Science, Bachelor of Science in Education, combined Bachelor of Science/Master of Arts, Master of Arts, Master of Arts in Teaching, Master of Education, Educational Specialist and Doctor of Philosophy.

Agencies and Centers of the College of Education, Health, and Human Services

To help achieve its aims and to promote its functions, the college provides the following agencies: the Center for the Study of Lifespan, Health and Human Performance; the Center for Hospitality and Tourism Development; the Center for Sport, Recreation and Tourism Development; the Human Development Center; the Gerontology Center; 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 Student Services; the Office of Clinical Experiences; Academic Computing Support; the Ohio Literacy Resource Center; the Research Center for Educational Technology; and the Center for Health Promotion Through Education.

OFFICE OF STUDENT SERVICES

The Office of Student Services (OSS) in 304 White Hall serves all undergraduate students, including transfer students, as well as post-undergraduates and graduate students seeking licensure.

The office mission is to provide the highest level of service and support to students, faculty, administrators, alumni and the larger community. As partners in the academic success of students, the OSS staff strives to be responsive to the needs of its students and at the same time uphold the academic standards and professional integrity of Kent State University and outside agencies such as the Ohio Department of Education, the Ohio Board of Regents and accrediting agencies.

The office works together as a team to be knowledgeable, helpful, efficient and consistent, yet understanding of the diversity of students we serve.

The advisors and undergraduate staff are here to help students:

- Plan coursework.
- Prepare for admission to advanced study.
- Process graduation and licensure applications.
- Evaluate transcripts.
- Find answers to students' questions.
- Encourage and guide students as they develop and define realistic goals.
- Facilitate an understanding of the value of higher education and lifelong learning.
- Assist in developing decision-making skills.
- Help students assume ownership for their educational plans and achievements.

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*. Pre-enrollment program advising is required of all students admitted as freshmen to the college.

Admission

Students admitted to the College of Education, Health, and Human Services as freshmen must have been fully admitted to the university. Admission to the college does not guarantee admission to a major and/or admission to professional coursework for a selective admission program. To be admitted directly into a teacher education program, it is required that new freshmen have a 2.75 high school GPA and 16 units of college preparatory curriculum or a 21 ACT or 980 SAT score. Students who do not meet the GPA requirements of their intended major may enroll as pre-majors for selected programs or EHHS General until which time they have the required 2.75 GPA.

Admission to Health and Human Services Programs and Educational Studies

Students are admitted into a major in the School of Exercise, Leisure and Sport, the School of Family and Consumer Studies, and the School of Speech Pathology and Audiology using the university admission criteria (see the Entering the University section of this *Catalog*), with the exception of the sport administration program

within the School of Exercise, Leisure and Sport, which requires a 2.75 high school GPA for entering freshmen and a 21 ACT or 980 SAT score. Selective admission criteria are used in some programs in the college. Students who do not meet the GPA requirements of their intended major may enroll as pre-majors for selected programs or EHHS General until which time they have the required GPA. Students desiring to major in human development and family studies or speech pathology and audiology are admitted as pre-majors and later are accepted into the appropriate program only after specific requirements have been met. It is imperative that the student contact the individual school for detailed information.

EHHS General

The EHHS General category is intended for students who are exploring programs in EHHS and are not yet ready to declare a major or do not meet the criteria for their intended major. Because a degree cannot be earned while in EHHS General, it is important that students declare a major before earning 60 semester hours to facilitate timely progress toward a degree. Students will not be permitted to continue in EHHS General after accumulating 60 semester hours.

Transferring 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, Health, and Human Services:

1. Students are accepted into a teacher licensure program and Community Health by transfer if they have achieved a 2.75 or better GPA in previous college coursework. They must meet with a program counselor in 304 White Hall as soon as possible to review specific requirements for admission to advanced study described on Page 292.
2. Students are accepted by transfer in the following programs if they have achieved a 2.5 or better GPA in previous college coursework:

Sport Administration
Educational Studies

3. Students are accepted by transfer in the following programs if they have achieved a 2.0 or better GPA in previous college coursework:

Athletic Training
Gerontology
Hospitality Management
Integrated Health Studies

Nutrition and Dietetics
Physical Education—Exercise Sciences
Physical Education—Human Movement Studies
Pre-Human Development and Family Studies
Pre-Speech Pathology and Audiology
Recreation, Parks and Tourism Management

4. Some programs require a higher minimum GPA to advance into the professional phase of the program. See the specific major in this *Catalog* for more information.

5. Graduates of other colleges wanting to pursue an undergraduate education program for teacher licensure must have an undergraduate GPA of 2.75 or better to be eligible for admission to the College of Education, Health, and Human Services. They must also satisfy the professional requirements for admission to advanced study listed on Page 292. 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 2.75-average GPA in the first semester of registration or failure to maintain a 2.75-average GPA in subsequent semesters may result in dismissal from the postundergraduate program.

Academic Advising

Academic advising is a purposeful, developmental and collaborative teaching and learning process integral to the educational experience at all Kent State University campuses. Through relationships with professional and faculty advisors, students have access to information, resources and sustained support, which contribute to self-discovery and personal growth. Program counselors work in partnership with students to help them develop and pursue meaningful educational plans and activities compatible with their values, abilities, career aspirations and life goals. In addition, program counselors work within the academic community to enhance the overall learning environment.

During the first semester of the freshman year, the students' faculty advisors are their First Year Colloquium instructors. As a requirement of First Year Colloquium, students are required to meet with a program counselor during the first 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 which can be made online at www.ehhs.kent.edu/oss.

Program counselors responsibilities include, but are not exclusive to, the following:

- Provide information about policies and procedures, curriculum and graduation requirements and available resources.
- Assist in selecting appropriate courses and complementary educational experiences.
- Provide students with information about alternatives, program changes and the consequences of academic decisions.
- Advocate on behalf of the student to find the best possible solutions and options within established policy.

It is the responsibility of the faculty advisor 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 meet with their faculty advisor 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 advisor 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, Health, and Human Services views advising as an equal partnership between the students, faculty advisors and program counselors. Although advisors and counselors provide the necessary support and guidance to students throughout a degree program, it is expected that students will take responsibility for the following:

Developing Skills and Abilities

Students will develop the skills and abilities necessary to navigate the university structure.

- Understand the role of the academic advising process in the university experience.
- Become familiar and comfortable utilizing necessary technology.
- Check Kent e-mail account on a regular basis.
- Create and maintain an advising portfolio to organize official documents from the university and assist in assessing progress toward academic goals.
- Come prepared to advising appointments by bringing advising portfolio so that progress can be assessed and courses for future semesters can be selected.
- Commit to developing and using effective academic success skills.
- Develop life management skills, balancing school, work and other responsibilities.

- Become knowledgeable about university Liberal Education Requirements (LER), programs, policies and procedures.
- Be able to accurately read and effectively use a KAPS report in educational planning.
- Interact with faculty both in the classroom and at other university activities.
- Understand the definition of good academic standing and university honors.
- Review all requirements for graduation and understand it is their responsibility to meet those requirements as listed for their catalog year.
- Join the listserv.
- Read OSS Web site/newsletter.
- Read and understand course syllabi.

Developing Independence

Students will develop independence as demonstrated by making effective decisions regarding their academic careers.

- Communicate goals, needs, wants and concerns to an advisor in a respectful, professional manner.
- Schedule appointments with an advisor once each year (once each semester for selective programs) and arrive on time to appointments. Students should call if they are not going to be able to make the appointment. Come prepared with advising portfolio.
- Inform an advisor of changes in plans and/or circumstances that might impact academic performance.
- Use campus resources and services to assist in achieving academic, personal and career goals.
- Follow through when referred to appropriate campus resources and learn to accept help when it is needed.
- Ask questions if they do not understand an issue or have a specific concern.
- Accept responsibility for decisions and actions.
- Go to class.
- Understand the registration process—knowing their day to register, registering on the assigned day and knowing the withdrawal dates.
- Make responsible decisions regarding their academic careers.

Developing Purpose

Students will develop an understanding of their importance within the university and society.

- Develop and define major and career goals.
- Develop an educational plan for successfully achieving their goals.
- Become an active citizen in the university community.
- Embrace intellectual curiosity and lifelong learning.

- Understand and value differences in the global society.

Transfer Advising

Students transferring into the college from another university should make an appointment to meet with a program counselor in the Office of Student Services to determine applicability of transfer credits to their program before registering for classes. In some cases, students then are referred to the appropriate department or school for a determination on specialized courses. Please be aware that most programs are highly sequential and transferring from another university may delay graduation.

Academic Probation for Teacher Licensure Programs and Community Health

Students in teacher licensure programs and Community Health 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, students who do not meet the prescribed conditions of professional probation are required to transfer out of their declared major. An appeal of this decision is directed to the associate dean of undergraduate student services, College of Education, Health, and Human Services, 304 White Hall.

Academic Probation for Health and Human Services Programs and Educational Studies

Please refer to Academic Probation in the General Requirements and Regulations section of this *Catalog*.

Transient Work at Another University

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

- Be in good academic standing.
- Obtain prior approval from the chairpersons of the appropriate Kent State University departments and from the dean's representative in 304 White Hall.
- 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*.
- Students are discouraged from taking transient courses during their last semester because of the time necessary to receive and process transcripts, which may result in a delay of clearing for graduation.

UNDERGRADUATE TEACHER LICENSURE PROGRAMS

This section is specifically for the following majors:

Deaf Education Intervention Specialist
 Early Childhood Education
 Earth Science
 Educational Interpreter
 Family and Consumer Sciences Education
 Gifted Education Intervention Specialist
 Integrated Business Education
 Integrated Language Arts
 Integrated Mathematics
 Integrated Science
 Integrated Social Studies
 Life Science
 Life Science/Chemistry
 Marketing Education
 Middle Childhood Education
 Mild/Moderate Intervention Specialist
 Moderate/Intensive Intervention Specialist
 Physical Education
 Physical Science
 School Health and Physical Education
 School Health Education
 Trade and Industrial Education

Conceptual Framework

The conceptual framework for the professional education unit at Kent State University is based on the university mission that it prepares students for responsible citizenship and productive careers, broadens intellectual perspectives and fosters ethical and humanitarian values. Student learning is at the center of Kent State's framework for professional education. Teacher candidates emerge from their programs of study as quality professional educators grounded in the following values and behaviors:

In-Depth Content Knowledge

- Knows and understands discipline-specific content and pedagogy.
- Places knowledge in a broader context and integrates it with other content areas.
- Seeks out and uses innovative, content-appropriate teaching methods.

Learner-Centered Pedagogy

- Understands how students learn.
- Facilitates inquiry-based learning and authentic assessment.
- Creates a learning environment that helps students build on prior knowledge.
- Uses technology in an ethical, critical and competent manner as a means to acquire, provide, organize and communicate knowledge.

Informed Reflective Practice

- Draws on research, theory and multiple fields of knowledge for the development of curriculum, pedagogy and educational programs.
- Employs the iterative process of action, observation and reflection as the basis of improving practice.
- Uses multiple sources of data to plan, revise and enact curriculum and education programs.

Ethical and Culturally Responsive Practices

- Exemplifies the highest ethical standards of the teaching profession.
- Values richness of human differences and understands the implications of these differences in a socially stratified society.
- Adapts assessment, pedagogy and educational programs to individual differences, with particular attention to those differences that reflect social inequalities.

Professional Collaboration

- Understands the role of other professional educators.
- Demonstrates leadership for educating all children in collaboration with educators, agencies, families and communities.
- Values and demonstrates commitment to ongoing professional development.

During capstone student teaching experiences, teacher candidates are assessed in domains related to the above values and behaviors, specifically in domains of teaching related to content knowledge, implementation of strategies to ensure teaching for learning, establishing effective learning environments and commitment to professional practice. These domains are themselves connected to the strategic directions of Kent State University seeking to:

- Create innovations in learning.
- Engage the world.
- Focus on those we serve.
- Build and sustain partnerships.

Coursework

Preparation for work in schools as teachers includes acquiring knowledge, skills and dispositions that will help all students learn. The teacher education program consists of coursework and experiences that promote and assess candidates in these three areas. The conceptual framework provides the basis of a coherent program of studies consisting of coursework and experiences in the following areas: liberal education, subject matter to be taught, professional education and field experiences culminating in student teaching.

Liberal education coursework in arts and sciences constitutes approximately 30 percent of the total program of study. The Liberal Education Requirement (36-37 semester hours of coursework) is designed to broaden intellectual perspectives, foster ethical and humanitarian values and prepare students for responsible citizenship and productive careers. For teachers, this is important preparation for teaching in a complex, global society.

Teacher candidates focus on coursework in the subject(s) they will teach. The amount and scope of the coursework depends on the grade levels of the licensure and accreditation standards. Subject matter coursework also is aligned with the Ohio Content Standards for kindergarten through 12th grade students.

Professional education coursework consists of required foundational coursework in educational technology, educational psychology, special education and education in a democratic society. In addition, teacher candidates take methods coursework in the subjects they will teach and complete field experiences with diverse groups of students, culminating in student teaching. Teacher candidates are responsible for arranging their schedules to accommodate the field experience requirements and for providing transportation to and from the school sites.

In accordance with the conceptual framework that explicitly values diversity in teacher preparation, teacher candidates are required to participate in field experiences and clinical practice within the partnership districts. These experiences include working with students with exceptionalities and students from diverse backgrounds, including, but not limited to, students with ethnic, racial, gender, linguistic and socioeconomic differences. Experiences with diversity are linked to course-related field experiences.

The teacher education programs at Kent State University are fully accredited through the American Association for Colleges of Teacher Education (AACTE).

Other Programs For Teacher Licensure*M.A.T. Program: Early Childhood Education*

This Master of Arts in Teaching (M.A.T.) 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 18-month, full-time program is highly selective. Information can be obtained from the early childhood faculty in 404 White Hall, 330-672-2580. The Praxis II is required for licensure. Information can be obtained from 304 White Hall.

M.A.T. Program: Adolescence/Young Adult

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 M.A.T. (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 a master's degree and are eligible to apply for teacher licensure. The Praxis II is required for licensure. Information can be obtained from 304 White Hall.

M.A. in Exercise, Leisure and Sport: Physical Education Teacher Licensure

The Master of Arts degree is offered in teacher education in physical education. Credit hours required for the degree vary from 32 to 40 hours. For course-specific listings and complete program requirements, please contact the offices of the School of Exercise, Leisure and Sport. Students select either a thesis or nonthesis option in the chosen concentration. Students expecting to pursue doctoral study are strongly encouraged to select a thesis option. The Praxis II is required for licensure. Information regarding this degree can be obtained from 418 White Hall.

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 community health, educational studies, educational interpreter or career technical teacher education trade and industry (the latter applies only to those who obtained initial licensure through the Route B Education Licensure Program [teachers recruited from business and industry]).

Briefly, the professional requirements consist of the following items:

College Writing

Students are required to attain minimum C (2.0) grade in each freshman writing course (integrated language arts majors must attain minimum B [3.0] grade).

Grade Point Average

All students must show evidence of a minimum 2.75 cumulative GPA.

Adolescence to Young Adult Content Area Grade Point Average

A 2.60 GPA in the chosen adolescence to young adult content area is required for admission to advanced study, for student teaching and for graduation. A minimum C (2.0) grade is required in each course within the content area. The following majors are affected: earth sci-

ence, integrated language arts, integrated mathematics, integrated science, integrated social studies, life science, life science/chemistry and physical science. This requirement is effective for students entering an adolescence to young adult program as of Fall Semester 1995.

Intervention Specialist Grade Point Average

A 3.00 GPA in the professional coursework is required for admission to advanced study, student teaching and graduation. The following majors are affected: deaf education, educational interpreter, gifted education and mild/moderate and moderate/intensive needs intervention specialists.

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 declare an education minor, be admitted to advanced study, participate in student teaching and be recommended for licensure. The following majors require a 2.75 content GPA for the preceding activities: foreign language education, physical education, dance education, music education and art education. Students in the art education program must achieve a cumulative GPA of a 2.75.

Faculty Advisor

Each student must have a faculty advisor assigned in the appropriate program area.

Advising Sheet

All students must have an advising sheet on file in 304 White Hall during the freshman year. 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 Student Services' Web site at www.ehhs.kent.edu/oss.

Good Moral Character Affidavit for Teacher Education

The College of Education, Health, and Human Services, 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, Health, and Human Services who cannot attest to the above should immediately contact a program counselor in the College of Education, Health, and Human Services, Office of Student Services, 304 White Hall, 330-672-2862. Falsification of information is grounds for dismissal and non-licensure.

This affidavit must be completed and witnessed by a Student Services staff member in the College of Education, Health, and Human Services Student Services office or an appropriate representative from the Regional Campuses and placed on file in 304 White Hall.

Pre-advanced Study Coursework

The following courses must be completed with minimum C (2.0) grade (adolescence to young adult majors must have a B [3.0] or better):

ITEC 19525 Educational Technology
EDPF 29525 Educational Psychology

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 minimum C (2.0) grade for early childhood, middle childhood and intervention specialist majors ONLY:

MATH 14001 Basic Math Concepts I
MATH 14002 Basic Math Concepts II

Early childhood and middle childhood majors are required to complete additional pre-advanced study courses with 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 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 Student Services, 304 White Hall, in the student services offices of the Regional Campuses and on the Office of Student Services' Web site: www.ehhs.kent.edu/oss. The specific competencies are listed below:

Reading

Students must satisfy one of the following options:

- ACT reading score of 26
- SAT verbal score of 620
- COMPASS reading score of 93
- Praxis I reading score of 175

Writing

Students must satisfy one of the following options:

- ACT English score of 25
- COMPASS writing score of 92
- Praxis I writing score of 173

Mathematics

Students must satisfy one of the following options:

- ACT math score of 25
- SAT math score of 620
- Praxis I math score of 174

Please note: Students must have all passing standardized test scores on file in 304 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. It is taken solely for placement into freshman-level courses and cannot be taken for any other purpose.

Application for Admission to Advanced Study

Upon completion of 30-60 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 304 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 Student Services, 304 White Hall, in Regional Campus offices or on the Office of Student Services' Web site at www.ehhs.kent.edu/oss. **Teacher education majors and minors must be officially admitted to advanced study to take upper-division professional coursework.**

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:0

Early Childhood Education
 Middle Childhood Education
 Adolescence/Young Adult Education
 Gifted Education Intervention Specialist

Please refer to Page 302 for additional evaluation criteria associated with the Early Childhood program, Page 328 for additional criteria associated with the Middle Childhood program, and Page 296 for additional criteria associated with the adolescence to young adult programs. Information is available through the program area, Regional Campuses and on the Office of Student Services' Web site at www.ehhs.kent.edu/oss. **Passing standardized test scores must be on file in 304 White Hall prior to submission of application for admission to advanced study.** Requirements for admission to advanced study vary by *Catalog* year. Information specific to each major is available in 304 White Hall.

Personal-Professional Characteristics

Professional dispositions are values, commitments and professional ethics that influence behavior toward students, families, colleagues and communities. Learning to become a professional is far more complex than merely completing a sequence of college courses. A major component of professional teacher education (in both the KSU classroom and field-based setting), thus, includes the development of professionalism, personal qualities and work ethic.

Professionalism refers to a commitment to working with a diversity of children, youth and their families in appropriate ways to foster student learning. Professionalism includes treating others fairly and respectfully. It means being open to a variety of learning situations, maintaining confidentiality, aspiring to high ethical standards and making professional judgments that are grounded in research-based theory and practice. It means projecting an appearance and demeanor appropriate to professional settings while in those settings.

Personal qualities related to professionalism include approaching situations with a sense of inquiry, seeking leadership opportunities in the classroom, accepting responsibility, using discretion in self-disclosure, actively engaging with others to promote learning and being willing to work with a diversity of learners. It also means the ability to work collegially with others.

Work ethic is evidenced by attendance, punctuality, timely completion of work and observance of policies and procedures.

The College of Education, Health, and Human Services has developed a process by which teacher candidates receive regular feedback on their dispositions and an opportunity to show growth in areas that are considered important to teaching. Assessment of

student professionalism will be used in making decisions about student progress throughout a teacher education program, including admission to advanced study and student teaching, completion of student teaching and recommendation for licensure.

Interruption Of Progress Toward Completion Of Advanced Study Coursework

Students who do not satisfactorily complete 12 semester hours at Kent State University in two calendar years must satisfy the requirements of the most recent *Catalog*. Please be aware that selective admission programs may require reapplication if postponing advanced study coursework or if withdrawn for one year or more.

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 or school director. If satisfaction is not obtained at the department or school level, appeals are reviewed by the associate dean for undergraduate student services. For more information, please see policy number 3342-8-06 of the University Policy Register (administrative policy and procedures for student complaints).

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 critical that all teacher candidates apply for student teaching online at www.ehhs.kent.edu./oce by the deadlines established by the Office of Clinical Experiences, 304 White Hall. Student teaching applications must be completed one full year before student teaching is anticipated. For fall candidates, the deadline is the second Friday of the fall semester and for spring candidates, the second Friday of the spring semester. Adolescent to Young Adult (ADED) majors must apply a year and a half in advance; the deadline is the second Friday of the fall semester. ADED student teaching is a full-year internship including a fall practicum and spring student teaching.

Deadlines for applications must be observed carefully or student teaching will be delayed a semester or year, depending on the program area. Any questions about specific program requirements should be referred to candidates' faculty advisors and/or program counselors in 304 White Hall.

Once the application is submitted online, all coursework, GPA, dispositional standards and other criteria as specified by the program area and college are reviewed for candidate eligibility for student

teaching. Please refer to program course requirement sheets for specific GPA and other program requirements. For clarification, see faculty advisors and/or program counselors in 304 White Hall.

After receiving written notification of tentative eligibility for student teaching, teacher candidates must attend **one mandatory** meeting to discuss additional student teaching information and necessary materials. The teacher candidate placement forms must be returned on or before the announced deadline. Student teaching will be postponed to the next semester or year (depending on the program) if teacher candidates fail to attend this mandatory meeting.

The decision concerning placement sites for teacher candidates is the responsibility of the Office of Clinical Experiences. Placements are generally made within a 50 mile radius of the Kent Campus. Some placements are available in the Regional Campus areas. All teacher candidates are responsible for their own housing and transportation. In addition, student teaching requires that all teacher candidates follow the cooperating teachers' schedules and devote full-time effort to this final experience in their teacher education program.

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. For specific testing requirements for each program area, see the Office of Student Services. These include the test of Principles of Learning and Teaching and appropriate specialty area test(s). Minimum cut-off scores have been established by the Ohio Department of Education and must be achieved for Kent State University to recommend students for licensure.

The Praxis II exams are offered several 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 Student Services. Registration must be completed five weeks prior to the test date. Information about testing requirements, test dates, fees and locations can be obtained from the Office of Student Services, 304 White Hall, and the Web site: www.ehhs.kent.edu/oss, or from Educational Testing Services at www.ets.org/praxis.

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 on the Educational Testing Services Web site

linked with the Office of Student Services Web site: www.ehhs.kent.edu/oss. 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, Health, and Human Services are eligible for recommendation for the appropriate Ohio license.

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. Information is available in 304 White Hall.

Recommendation for licensure by the College of Education, Health, and Human Services and clearance of record checks by BCII and FBI (if appropriate) will result in the issuance of the appropriate license.

Graduates of other colleges who desire to complete requirements for a license by taking postgraduate work at Kent State University must meet licensure requirements in the College of Education, Health, and Human Services. For information concerning postbaccalaureate or graduate licensure programs, students should consult a counselor in 304 White Hall.

Procedures for Licensure

It is recommended that students obtain a licensure packet prior to student teaching in 304 White Hall and return it there one month prior to graduation 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 221 White Hall for a fee. Additional information is available in 304 White Hall.

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 being processed by 304 White Hall.

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 Student Services, 304 White Hall.

Students are encouraged to 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. Additional information can be found on the Career Services Center's Web site at www.kent.edu/career.

GRADUATION REQUIREMENTS

Students must apply for graduation two semesters before the expected date of graduation. Specific deadline dates for application are posted on the OSS Web site (www.ehhs.kent.edu/oss), are listed on the Registrar's Office Web site at www.registrars.kent.edu and on each student's KAPS report. Applications may be obtained from the Registrar's Office or on the College of Education, Health, and Human Services Office of Student Services' Web site at www.ehhs.kent.edu/oss. Completed forms should be returned to 304 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 304 White Hall.

1. The university minimum of 121 semester hours of credit is required for graduation, however, some programs in the college require more hours. At least 39 hours must be upper-division coursework. Courses either failed or repeated are not counted toward hours completed for graduation. Developmental courses under arts and sciences, undergraduate studies or mathematics are not used toward graduation.

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 are discouraged from taking transient courses during their last semester because of the time necessary to receive and process transcripts, which may result in a delay of clearing for graduation.

3. Teacher licensure program majors and minors must earn a minimum C (2.0) grade in all professional coursework. All education majors must have a minimum C (2.0) grade in all content/concentration coursework. Adolescence to young adult majors must earn minimum B (3.0) grade in ITEC 19525 and EDPF 29525. A minimum 2.75 content GPA is required for all education minors.

4. Students must meet all course requirements of a major described later in this section of the *Catalog*.

5. Every student is required to complete a writing-intensive course. Please refer to either Pages 70 or 93-95 of this *Catalog* for specific information on the writing-intensive course requirement.

6. Students must complete two diversity courses within their program. Please refer to Pages 89-91 in this *Catalog*.

7. Specific required minimum GPAs for content, professional and major coursework, and for graduation are listed for each program in the majors section of the *Catalog*.

8. No more than 4 semester credit hours in physical education basic (PEB) activity courses are permitted toward graduation.

9. No more than 10 semester hours of correspondence course credit may be applied toward graduation. Correspondence work may not be taken after a student reaches the final 30 semester hours for the degree. Special methods- or education-titled courses may not be completed by correspondence.

10. Students who do not satisfactorily complete 12 semester hours at Kent State University in two calendar years must satisfy the requirements of the most recent *Catalog*.

11. Students who have been dismissed from Kent State and then reinstated must fulfill curricular, graduation and professional requirements specified by the *Catalog* in effect at the time of their first enrollment after reinstatement.

ADOLESCENCE/YOUNG ADULT (7-12 LICENSURE) PROGRAM

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 on the Office of Student Services' Web site at <http://www.ehhs.kent.edu/OSS/>. All education majors and minors are expected to meet with an education faculty advisor. 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.

Majors (B.S.E.):

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

As part of enrollment management plan, adolescence/young adult education majors are admitted to the program on a selective basis. A maximum of 120 students will be admitted into this program each academic year. Students seeking admission to this program must meet all professional requirements for admission to advanced

study. To be admitted to the program, students must display evidence of adequate communication skills; sound content area knowledge (language arts, mathematics, science or social studies); a basic understanding of the teaching profession; a basic understanding of adolescents; and dispositions aligned with the conceptual framework of the College of Education, Health, and Human Services, including being open-minded, flexible, caring and responsible. Faculty will select the most qualified applicants based on an interview; essay; letters of recommendation; GPA; Praxis I scores; and performance in English and communication studies coursework. Applicants to the ADED program must have experience working with young adults in a supervisory capacity, such as tutoring, camp counseling, volunteer work or related experience. Students should contact the College of Education, Health, and Human Services' Office of Student Services, 304 White Hall, during the first year of study to inquire about the procedures and criteria associated with admission to the adolescence/young adult education program.

Student teaching is offered only during spring semester. Students must work closely with their faculty advisors to position themselves for spring student teaching and to plan proper course sequencing. Students must apply for student teaching a year and a half in advance.

Notes

1. Students enrolling in ADED 32142 must have been admitted to advanced study. This course is a prerequisite for the Special Methods Course I, II and Field Work Practicum.

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

3. Students must earn a minimum grade of C (2.0) 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: For Praxis II testing requirements and information, contact the Office of Student Services.

CAREER TECHNICAL TEACHER EDUCATION

The career technical teacher education program prepares teachers and trainers in a variety of areas. The program offers baccalaureate and graduate degree programs. Career technical teacher licensure is available in selected majors for ages 18 and older. Also, alternate routes to teacher licensure in selected areas and licensure endorsements are available. The following majors are offered with licensure:

- Family and Consumer Science Education
- Integrated Business Education
- Marketing 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 career technical teacher education core and courses in the specific education major. In selected areas, students can pursue coursework toward licensure through an alternate route (see advisors in 316 White Hall for further information).

Minimum C (2.0) grade in all major coursework is required.

OTHER PROFESSIONAL LICENSURE PROGRAMS

Athletic Training—successful completion results in eligibility for certification by the National Athletic Trainers' Association Board of Certification (BOC) and licensure in the state of Ohio by the Occupational Therapy, Physical Therapy and Athletic Trainers' Board.

Gerontology—completion results in certification by the Kent State University Gerontology Center.

Nutrition and Dietetics—affiliate membership in the American Dietetic Association (ADA) is available to students who chose this program to become a registered dietician.

Speech-Pathology and Audiology—meets the professional certification requirements of the American Speech-Language-Hearing Association (ASHA), the licensure requirements of the State of Ohio Board of Speech Pathology and Audiology and the Ohio Department of Education (pupil services licensure).

PROFESSIONAL ORGANIZATIONS AND AWARDS

Professional Organizations

AMERICAN SIGN LANGUAGE (ASL)—To provide a supportive signing environment and encourage the understanding of the culture and values of the deaf community.

ASSOCIATION OF INTERNATIONAL STUDENTS IN EDUCATION (AISE)—Promotes intercultural communication, awareness and understanding among international and American students, faculty and staff through educational, cultural and social activities.

CLUB MANAGERS ASSOCIATION OF AMERICA (CMAA)—Provides a format for students interested in clubs to meet and interact.

DELTA PSI KAPPA—National honorary fraternity for majors in physical education and recreation.

GERONTOLOGICAL SOCIETY OF AMERICA (GSA)—To provide students with opportunities to network with professionals in the field of gerontology and be involved in community service.

GOLDEN KEY NATIONAL HONOR SOCIETY—Recognizes and encourages scholastic achievement and excellence in all undergraduate fields of study.

HUMAN SERVICE MANAGEMENT STUDENT ASSOCIATION—Membership is open to all students interested in careers in the field of nonprofit human service.

ICE CARVING CLUB—Membership is open to all students interested in developing their ice carving talents regardless of their current skill level.

KAPPA OMICRON NU—Students with grade point averages of 3.0 or above are invited to join this national honor society for students in family and consumer sciences.

KENT STUDENT EDUCATION ASSOCIATION (KSEA)—Student chapter of the National Education Association. Focuses on teacher quality, community service and political involvement.

NATIONAL ASSOCIATION OF MULTICULTURAL EDUCATION (NAME)—Brings together individuals and groups with an interest in multicultural education from all levels of education, different academic disciplines and from diverse educational institutions and occupations.

PHI EPSILON KAPPA—National honorary fraternity for men and women in physical education and recreation.

PHYSICAL EDUCATION CLUB—Student organization to promote professional and social interaction in the field of physical education.

RHO PHI LAMBDA—National honorary fraternity in recreation.

SELS ALUMNI ASSOCIATION—Organization to encourage academic, professional and social interaction among the graduates of the School of Exercise, Leisure and Sport. Chartered by the Kent State Alumni Association.

SIGMA PHI OMEGA (SPO)—The national academic honor and professional society in gerontology.

SPORT, EVENT and RECREATION MANAGEMENT ASSOCIATION (SERMA)—To encourage the academic, social and professional development among the students of the sports and recreation management programs at Kent State University.

STUDENT DIETETIC ASSOCIATION—Promotes networking with professionals in the field of nutrition and involvement in community service. Students participate in activities such as delivery of meals for Mobile Meals and food drives.

Student Awards

A.O. DEWEESE AWARD to the graduating senior with the highest cumulative GPA in the School of Exercise, Leisure and Sport (SELS).

MARIE HYDE APPLE AWARD to a female physical education teacher preparation major for outstanding scholarship and character.

PATRICIA REPPA AWARD to outstanding senior women majoring in physical education.

GEORGE J. ALTMANN AWARD to the outstanding graduating senior man majoring in physical education.

VIRGINIA P. HARVEY AWARD to an outstanding senior woman majoring in leisure studies.

GLENN A. HASKIN AWARD to an outstanding senior man majoring in leisure studies.

MARY BETH IKERMAN AWARD to the outstanding sophomore or junior woman majoring in physical education, teacher licensure.

PHI EPSILON KAPPA AWARD to the senior male and female athlete with the highest academic achievement within SELS.

THE BETTY SMITH TRUOG AWARD to two outstanding female students majoring in physical education (one teacher preparation major) for outstanding scholarship and character.

GLENN A. WILLIAMS AWARD to the outstanding junior man or woman majoring in leisure studies.

DOROTHY FRUIT GERONTOLOGY AWARD to an outstanding gerontology junior in the field of gerontology.

OUTSTANDING FRESHMAN IN FCS/DIRECTOR'S SCHOLARSHIP to an outstanding freshman student with potential in a field within the School of Family and Consumer Studies.

OUTSTANDING SOPHOMORE IN FCS/MARY ELIZABETH KELLER SCHOLARSHIP to an outstanding sophomore student with potential in a field within the School of Family and Consumer Studies.

OUTSTANDING JUNIOR IN FCS/MARY ELIZABETH KELLER AWARD to outstanding junior student with potential in a field within the School of Family and Consumer Studies.

OUTSTANDING SENIOR IN FCS/FCS ALUMNI SCHOLARSHIP to an outstanding senior student with potential in a field within the School of FCS.

FUTURE CLUB MANAGER AWARD (Greater Cleveland Chapter of Club Managers Association of America, CMAA) to a member of Kent State CMAA student chapter who has shown outstanding participation and leadership in student chapter meetings and related activities.

DOROTHY M. LUCKE SCHOLARSHIP FOR NUTRITION AND DIETETICS UNDERGRADUATE AWARD to an outstanding student majoring in the field of nutrition and dietetics.

DOROTHY M. AND MILDRED G. LUCKE SCHOLARSHIP FOR NUTRITION AND DIETETICS to outstanding undergraduate and graduate students majoring in the field of nutrition and dietetics.

LINERODE-IRMITER HOSPITALITY MANAGEMENT AWARD to support an outstanding student in the field of hospitality management.

FRANCES SCHWEBEL SOLOMON FOOD SERVICE MANAGEMENT AWARD to an outstanding student in the field of hospitality management.

EVA MEDVED ENDOWED AWARD to a nutrition student enrolled in the Master of Science degree program to aid with their research, or for a senior student who has applied to a dietetic internship.

JAMES AND DOROTHY FRUIT HUMAN DEVELOPMENT AND FAMILY STUDIES AWARD to recognize an outstanding junior, senior or graduate student in the Human Development and Family Studies program for scholarship and service.

YOUTH DEVELOPMENT SCHOLARSHIP (MARLA JACOBS SCHOLARSHIP) to students who have experienced personal disabilities and are pursuing career goals serving children and/or adolescents in school, community or residential settings.

DEGREE PROGRAMS:

B.S. in Athletic Training

Athletic training is an allied health profession dealing with the care of the "physically active." Athletic training includes the prevention, evaluation, treatment and rehabilitation of athletic

injuries. Athletic trainers are certified by the National Athletic Trainers' Association Board of Certification (BOC) and licensed in the state of Ohio by the Occupational Therapy, Physical Therapy and Athletic Trainers' Board. The athletic training education program is accredited by the Commission on Accreditation of Athletic Training Education (CAATE).

The Bachelor of Science in Athletic Training consists of preprofessional and professional components. In the preprofessional phase, the student completes a directed observation year. The professional phase begins after formal admission into the athletic training education program and includes clinical courses and clinical educational experiences under the direct supervision of a certified athletic trainer.

Advancement into the professional phase of the athletic training program is selective and is limited. Limited admission will ensure that an appropriate student to clinical instructor ratio (approximately 8:1) is maintained.

After completion of the preprofessional directed observation requirement (normally done within the first two or three semesters of full-time study), formal application to the professional phase of the program is made. Advancement to the professional program is controlled through the first practicum course (ATTR 15092). In order to be eligible for this course, students must: complete 30 credit hours; make formal application to the professional phase of the program; provide three professional letters of reference; complete 150 hours of directed observation experiences under the direct supervision of a certified athletic trainer; have a minimum 2.5 GPA; secure first aid and CPR certification; successfully complete ATTR 15011, which includes an oral and written exam; secure staff evaluations and complete a self-administered evaluation; and complete an interview with the professional athletic training staff. After these requirements have been fulfilled, students may be selected for advancement into the professional phase of the program based upon their competitive rank using their GPA (15 percent), evaluation scores (40 percent), interview scores (20 percent) and ATTR 15011 written (10 percent) and oral (15 percent) practical exam scores. Those selected may enroll in ATTR 15092 during the following semester.

Students who are not accepted into the professional phase may reapply the following year by completing another preprofessional year. Due to the extensive clinical component associated with this program, students may reapply only once. Students who are not selected for the professional phase of this program will work with the program coordinator to identify alternate academic programs to pursue.

Students who have transferred to Kent State University must complete a directed observation period at Kent State prior to advancement into the professional phase of the program. Prompt commencement of the directed observation period is necessary as it will take a minimum of five semesters at Kent State to complete the clinical courses and experiences in the professional phase.

Clinical Experience

Once accepted into the professional athletic training education program, students will begin the formal clinical education courses. Directed clinical experiences and supervised field experiences also are required. Although most of these experiences will be at the university, off-campus high school and clinical sites also are required. These experiences will total 1,000 hours minimally and 1,200 hours maximally, partially accrued through clinical courses including practicum and internship, in no less than five semesters and no more than six semesters. Although the Ohio Occupational Therapy, Physical Therapy and Athletic Trainers Board requires minimally 800 hours for licensure, completion of 1,000 clinical hours minimally is required for graduation from Kent State.

Students interested in this area of study will be advised by the athletic training program coordinator and should contact the program coordinator promptly to discuss the specific entrance, selection, health, technical standards and retention criteria in greater detail.

I. General College or University Requirements	1
US 10097 First Year Colloquium	1
II. Liberal Education Requirements	36-37
<i>A complete list of Liberal Education Requirements (LER) courses is on Pages 85-87.</i>	
Composition	
ENG 11011 College Writing I	3
21011 College Writing II	3
Mathematics and Critical Reasoning	3
Humanities and Fine Arts	9
<i>Minimum one course must be selected from each humanities category and fine arts category.</i>	
Social Sciences	
<i>Must be selected from two curricular areas.</i>	
PSYC 11762 General Psychology	3
Social sciences LER course	3
Basic Sciences	
<i>Must include one laboratory course.</i>	
CHEM 10050 Fundamentals of Chemistry	3
Basic sciences LER course and laboratory	3-4
Additional LER Courses	6
<i>Courses must be selected from two categories, above. COMM 15000 Introduction to Human Communication and PHIL 11009 Principles of Thinking may also be taken within this category.</i>	

III. Diversity Requirement

Students must complete a two-course diversity requirement, consisting of one with a domestic (U.S.) focus and one with a global focus. PEP 25059 in the major requirements fulfills the domestic focus. A complete list of diversity courses is on Pages 89-91.

IV. Writing-Intensive Requirement

Students must complete a one-course writing-intensive requirement and earn a C (2.0) or higher. PEP 35010 in the major requirements fulfills this requirement. A complete list of writing-intensive courses is on Pages 93-95.

V. Movement Experiences 4

PEB 10035 Lifetime Fitness	2
12424 Exercise and Weight Control	1
PEP 15018 Development of Swimming and Aquatic Skills . . .	1

VI. Athletic Training Core 40

ATTR 15011 Introduction to Clinical Athletic Training	2
15092 Practicum in Athletic Training I	2
25036 Principles of Athletic Training	3
25037 Physical Assessment Techniques	4
25092 Practicum in Athletic Training II	2
35037 Advanced Physical Assessment Techniques	3
35039 Therapeutic Modalities	3
35092 Practicum in Athletic Training III	2
45017 Professional Development in Athletic Training	3
45038 Organization and Administration of Athletic Training	3
45039 Therapeutic Rehabilitation	4
45040 Pathology and Pharmacology for Allied Health Care Providers	2
45192 Practicum in Athletic Training IV	2
45292 Internship in Athletic Training	4
PEP 45091 Senior Seminar	1

VII. Additional Requirements 38

HED 11570 Personal Health	3
14020 Medical Terminology	3
IHS 44010 Research Design and Statistical Methods in the Health Professions	3
NUTR 23511 Nutrition Related to Health	3
PEP 15010 Introduction to Physical Education, Fitness and Sport	2
25057 Human Anatomy and Physiology I	3
25058 Human Anatomy and Physiology II	3
* 25059 Sport in Society	3
25068 Measurement and Evaluation in Fitness and Sport	3
** 35010 Psychological Dimensions of Motor Behavior	3
35054 Biomechanics	3
45080 Physiology of Exercise	3

RPTM 26000 Computer Applications in Recreation and Sport	3
VIII. General Electives	4
	123-124

*Course fulfills diversity requirement.
**Course fulfills writing-intensive requirement.

Completion of the athletic training major prepares students for eligibility for the Board of Certification (BOC) and Ohio Athletic Training licensure examinations. Students must earn minimum C (2.0) grade in all ATTR courses.

B.S. in Community Health Education

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. is awarded upon completion of this program.

I. General College or University Requirements	1
US 10097 First Year Colloquium	1
II. Liberal Education Requirements	36-37
<i>A complete list of Liberal Education Requirements (LER) courses is on Pages 85-87.</i>	
Composition	
ENG 11011 College Writing I	3
21011 College Writing II	3
Mathematics and Critical Reasoning	3
Humanities and Fine Arts	
<i>Minimum one course from the humanities category and one course from the fine arts category.</i>	
Humanities and/or fine arts LER courses	6
Choose from the following:	3
PHIL * 11001 Introduction to Philosophy (3)	
* 21001 Introduction to Ethics (3)	
Social Sciences	6
<i>Must be selected from two curricular areas.</i>	
Basic Sciences	
<i>Must include one laboratory course.</i>	
BSCI 10001 Human Biology	3
Basic sciences LER course and laboratory	3-4
Additional LER Courses	
<i>Must be selected from two categories.</i>	
COMM 15000 Introduction to Human Communication	3
Choose from the following:	3
LER course from above categories (3)	
PHIL 11009 Principles of Thinking (3)	

Diversity Requirement

Students must complete a two-course diversity requirement, consisting of one with a domestic (U.S.) focus and one with a global focus. The domestic-focus course is fulfilled in this major with JMC 20001. The global-focus courses is fulfilled in this major with LER humanities PHIL 11001 or 21001. A complete list of diversity courses is on Pages 89-91.

III. Writing-Intensive Requirement

Students must complete a one-course writing-intensive requirement and earn a minimum C (2.0) grade. This requirement is fulfilled in this major with HED 32542. A complete list of writing-intensive courses is on Pages 93-95.

IV. Major Requirements **41-42**

HED 11570 Personal Health	3
11590 Community Health	3
21030 Introduction to Health	3
21050 Health Behavior	3
** 32542 Methods and Applications of Health Education ..	5
32544 Human Sexuality	3
34050 Program Planning and Evaluation in Health Education	3
44092 Internship in Community Health Education	12
Choose from the following:	3-4
PSYC 21621 Quantitative Methods in Psychology I (3)	
SOC 32220 Data Analysis (3)	
32221 Data Analysis Laboratory (1)	
Choose from the following:	3
COMM 45960 Health Communication (3)	
HED 32565 Marketing Health Education Programs (3)	

V. Other Required Courses **14**

NUTR 23511 Nutrition Related to Health	3
PEB 10035 Lifetime Fitness	2
Choose from the following:	3
ENVT 10001 Introduction to Environmental Technology (3) <i>(available at Trumbull Campus only)</i>	
HED 41561 Environmental Health (3)	
Choose from the following:	3
JMC***20001 Media, Power and Culture (3)	
20003 Introduction to Mass Communication (3)	
20004 Media Writing (3)	
20005 Fundamentals of Media Messages (3)	
Choose from the following:	3
ITEC 47427 Technology and Learning (3)	
47430 Computer Applications in Education (3)	

VI. Health Electives **18**

Choose from the following:	
HED 14020 Introduction to Medical Terminology (3)	
32530 Drug Use and Misuse (3)	
32575 Consumer Health (3)	
34060 Small Group Process (2)	

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)	

VII. General Electives	11
TOTAL	121-123

*Course fulfill diversity requirement.

**Course fulfills writing-intensive requirement.

***Course fulfills Liberal Education Requirements (LER) and diversity requirement.

Minimum C (2.0) grade in all major coursework, including BSCI 10001 and COMM 15000 LER courses, required for graduation.

B.S.E. in 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 and have a minimum cumulative 2.75 GPA 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, students' standardized test scores, essay, interview and cumulative GPA. Students should contact the Office of Student Services, 304 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. Students transferring from another university should meet with a program counselor in 304 White Hall at least one semester prior to transferring.

The curriculum leads to the Ohio license valid for teaching in settings for children age 3 through grade three.

I. General College or University Requirements	1
US 10097 First Year Colloquium	1
II. Liberal Education Requirements	41-42

A complete list of Liberal Education Requirements (LER) courses is on Pages 85-87.

Composition

ENG 11011 College Writing I	3
21011 College Writing II	3

Mathematics and Critical Reasoning

MATH 14001 Basic Mathematics Concepts I	4
14002 Basic Mathematics Concepts II	4

Humanities and Fine Arts

Choose from the following:

ENG 21054 Introduction to Shakespeare (3)	
22071 Great Books I (3)	
22072 Great Books II (3)	
22073 Major Modern Writers: British and the United States (3)	

Choose from the following:

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)	

Choose from the following:

ARTH 12001 Art Survey (3)	
22006 Art History I (3)	
22007 Art History II (3)	
MUS 22111 Understanding Music (3)	
* 22121 Music as World Phenomenon (3)	

Social Sciences

Must be selected from two curricular areas.

PSYC 11762 General Psychology	3
Choose from the following:	3
SOC * 12050 Introduction to Sociology (3)	
* 22778 Social Problems (3)	

Basic Sciences 6-7

Must include one laboratory course.

Additional LER Courses

COMM 15000 Introduction to Human Communications	3
Choose from the following:	3
GEOG 10160 Introduction to Geography (3)	
* 17063 World Geography (3)	
* 17064 Geography of the United States and Canada (3)	

Diversity Requirement

Students must complete a two-course diversity requirement, consisting of one with a domestic (U.S.) focus and one with a global focus. The domestic-focus course is fulfilled in this major with SPED 23000 or with several optional LER courses (marked with *). The global-focus courses may fulfilled in this major with several optional LER courses (marked with *). A complete list of diversity courses is on Pages 89-91.

III. Writing-Intensive Requirement

Students must complete a one-course writing-intensive requirement and earn a minimum C (2.0) grade. This requirement is fulfilled in this major with ECED 40126. A complete list of writing-intensive courses is on Pages 93-95.

IV. Professional Coursework89

- ECED 10120 Introduction to Early Childhood Services2
- EDPF 29525 Educational Psychology3
- ITEC 19525 Educational Technology3

Block I

Field assignment of nine hours per week in Block I.

- ECED 20163 Understanding Young Children3
- 30134 Integrated Expressive Arts and Social Studies in Preschool3
- 30147 Early Experiences in Mathematics and Science3
- 30164 Preschool Education3
- SPED* 23000 Introduction to Exceptionalities3

Block II

Field assignment of 20 hours per week in Block II.

- ECED 30123 Language and Literacy for the Preschool Child3
- 30142 Partnerships and Guidance Preschool3
- 40145 Music and Rhythms in Preprimary Education3
- 40165 Integrated Application of Preschool Curriculum3
- 40192 Internship Preschool6

Block III

- ECED 40105 Appropriate Phonics for Kindergarten and Primary Children3
- 40107 Teaching Mathematics: Early Years I3
- 40142 Home-School-Community-Partnerships in Diverse Contexts3
- 40151 Guidance of Young Children3
- EDPF 29535 Education in a Democratic Society3

Block IV

- ECED 30144 Integrated Curriculum for Social Studies3
- 40114 Teaching Science in Early Years3
- ** 40126 Developmental Reading and Writing: Early Years3
- 40127 Developing a Balanced Literacy Program3
- 40128 Integrated Field Experience3
- 40147 Teaching Mathematics: Early Years II3

Block V

Full-time teaching in Block V.

- ECED 40125 Inquiry into Professional Practice3
- 40292 Internship in Kindergarten/Primary12

TOTAL 131-132

*Course fulfills diversity requirement.

**Course fulfills writing-intensive requirement.

For Praxis II testing requirements and information, contact the Office of Student Services.

The block coursework requires full-time study.

B.S.E. in Earth Science

I. General College or University Requirements1

- US 10097 First Year Colloquium1

II. Liberal Education Requirements37

Composition

- ENG 11011 College Writing I3
- 21011 College Writing II3

Mathematics and Critical Reasoning

- MATH*11010 Algebra for Calculus3

Humanities and Fine Arts

- COMM**26000 Criticism of Public Discourse3
- PHIL**11001 Introduction to Philosophy3
- Fine arts LER course3

Social Sciences

- PSYC 11762 General Psychology3
- SOC** 12050 Introduction to Sociology3

Basic Sciences

- GEOL 11040 Earth Dynamics3
- 11041 Earth Dynamics Laboratory1
- Choose from the following:3
- PHY 21430 Frontiers in Astronomy (3)
- 24001 Astronomy (3)

Additional LER Courses

- COMM 15000 Introduction to Human Communication3
- SOC** 22778 Social Problems3

Diversity Requirement

Students must complete a two-course diversity requirement, consisting of one with a domestic (U.S.) focus and one with a global focus. The domestic-focus course is fulfilled in this major with LER humanities COMM 26000, LER social sciences SOC 12050 or major requirement SPED 23000. The global-focus courses is fulfilled in this major with LER humanities PHIL 11001 or LER social sciences SOC 22778. A complete list of diversity courses is on Pages 89-91.

III. Writing-Intensive Requirement

Students must complete a one-course writing-intensive requirement and earn minimum C (2.0) grade. This requirement is fulfilled in this major with ADED 32142 or GEOL 34061. A complete list of writing-intensive courses is on Pages 93-95.

IV. Mathematics Requirements10

- MATH*11022 Trigonometry2
- 12002 Analytic Geometry and Calculus I5
- Choose from the following:3
- MATH 10041 Elementary Probability and Statistics (3)
- 30011 Basic Probability and Statistics (3)

V. Major Requirements	.54
BSCI 10110 Biological Diversity	.4
10120 Biological Foundations	.4
CHEM 10060 General Chemistry I	.4
10061 General Chemistry II	.4
10062 General Chemistry I Laboratory	.1
10063 General Chemistry II Laboratory	.1
GEOG 31062 Meteorology	.3
31064 Climatology	.3
41073 Conservation of Natural Resources	.3
41082 Geography of Soils	.3
GEOG 11042 Earth History	.3
11043 Earth History Laboratory	.1
21080 Oceanography	.3
23063 Mineralogy	.4
*** 34061 Invertebrate Paleontology	.4
PHY 13001 General College Physics	.5
Choose from the following:	.4
GEOG 31070 Petrology (4)	
32066 Geomorphology (4)	
VI. Professional Coursework	.27
ADED***32142 Principles of Teaching Adolescents	.3
<i>(Offered only in fall semester)</i>	
32277 Teaching Science in Secondary Schools	.3
<i>(Offered only in spring semester)</i>	
42277 Topics in Secondary School Science	.3
42292 Field Work Practicum	.3
C&I 47330 Reading and Writing in Adolescence/Adulthood	.3
EDPF 29525 Educational Psychology	.3
29535 Education in a Democratic Society	.3
ITEC 19525 Educational Technology	.3
SPED**23000 Introduction to Exceptionalities	.3
VII. Student Teaching Block	.12
ADED 42357 Secondary Student Teaching	.9
49525 Inquiry into the Profession	.3
TOTAL	141

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

**Course fulfills diversity requirement.

***Course fulfills writing-intensive requirement.

See Pages 290-291 for additional information.

For Praxis II testing requirements and information, contact the Office of Student Services.

B.S.E. in 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.

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 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, Health, and Human Services and other professional schools.

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

B.S.E. in Family and Consumer Sciences Education

I. General College or University Requirements	.1
US 10097 First Year Colloquium	.1
II. Liberal Education Requirements	.36-37
Composition	
ENG 11011 College Writing I	.3
21011 College Writing II	.3
Mathematics and Critical Reasoning	.3
Humanities and Fine Arts	
HIST * 11050 History of Civilization I	.3
* 11051 History of Civilization II	.3
Fine arts LER course	.3
Social Sciences	
PSYC 11762 General Psychology	.3
SOC * 12050 Introduction to Sociology	.3
Basic Sciences	
<i>Must include one laboratory course.</i>	
CHEM 10050 Fundamentals of Chemistry	.3
Basic sciences course and laboratory	.3-4
Additional LER Courses	
COMM 15000 Introduction to Human Communication	.3

ECON 22060 Principles of Microeconomics 3

Diversity Requirement
Students must complete a two-course diversity requirement, consisting of one with a domestic (U.S.) focus and one with a global focus. The domestic-focus course is fulfilled in this major with the LER social sciences SOC 12050 or the major requirement SPED 23000. The global-focus course is fulfilled in this major with the LER humanities HIST 11050 or 11051. A complete list of diversity courses is on Pages 89-91.

III. **Writing-Intensive Requirement**
Students must complete a one-course writing-intensive requirement and earn a minimum C (2.0) grade. The writing-intensive requirement is fulfilled in this major with CTTE 46001. A complete list of writing-intensive requirement courses is on Pages 93-95.

IV. **Content Area Coursework** 12

HDFS* 24011 Interpersonal Relationships and Families 3
 25512 Management of Family Resources 3
 44022 Changing Roles of Men and Women 3

NUTR 23511 Nutrition Related to Health 3

V. **Professional Education** 48

C&I 47330 Reading and Writing in Adolescence 3

CTTE 44618 Elements of Experienced-Based Education 3
 45372 Issues In Career Technical Education Subjects 3
 45377 Career and Technical Education: Advanced Methodologies 3

** 46001 Organization of Career and Technical Education 3
 46015 Methods of Career and Technical Education 3
 46020 Curriculum Guide Design and Application 3
 46031 Student Teaching in Career Technical Education 9
 49525 Inquiry into Professional Practice 3

EDPF 29525 Educational Psychology 3
 29535 Education in a Democratic Society 3

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

ITEC 19525 Educational Technology 3

SPED* 23000 Introduction to Exceptionalities 3

VI. **Choose one concentration** 24-27

TOTAL 121-125

40145 Music and Rhythms in Preprimary Education ... 3

40153 Organization and Supervision of Early Childhood Centers 3

PEP 25034 Early Childhood Motor Development 3

24-27

Food Management Production and Service Concentration

CTTE 46192 Practicum: Occupational (see advisor) 4-6

HM 13022 Sanitation and Safety Principles and Practice ... 3
 13024 Introduction to Hospitality Management 2
 23012 Food Study 3
 33020 Legal Issues in the Hospitality Industry 3
 33028 Hospitality Purchasing 3
 43030 Food Service Systems Management 3
 43032 Food Production and Service Management 3

24-26

Work and Family Concentration

FD&M 10030 Fashion Fabrics 3

HDFS 24012 Child Development 3
 41093 Workshop: Family and Consumer Issues 3

HM 23012 Food Study 3

Choose from the following: 6

GERO**44030 Adult Development and Aging (3)

HDFS 24013 Early Adolescence (3)
 44023 Building Family Strengths (3)
 44029 Family Policy (3)

Electives 6

24

*Course fulfills diversity requirement.

**Course fulfills writing-intensive requirement.

For Praxis II testing requirements and information, contact the Office of Student Services.

Minimum C (2.0) grade in all major coursework is required.

HUMAN DEVELOPMENT AND FAMILY STUDIES

Human Development and Family Studies Pre-Major

Students must declare a pre-major in human development and family studies until they have earned minimum 2.5 GPA in the requirements outlined below, with minimum 3.0 GPA in the three HDFS courses. The purpose of the pre-major in human development and family studies requirement is to ensure that majors have adequate preparation necessary to successfully complete upper-division human development and family studies courses, including

Early Childhood Education and Care Concentration

CTTE 46192 Practicum: Occupational (see advisor) 3-6

ECED 20163 Understanding Young Children: Typical and Atypical Pathways 3
 30123 Language and Literacy for the Preschool Child 3
 30134 Integrated Expressive Arts and Social Studies in Preschool 3
 30164 Preschool Education 3

a senior-level practicum (HDFS 44092), which provides students with professional training in the field of human/social services.

ENG	11011	College Writing I	3
	21011	College Writing II	3
HDFS*	14027	Introduction to Human Development and Family Studies	2
	* 24011	Interpersonal Relationships and Families	3
	* 24012	Child Development	3
PSYC	11762	General Psychology	3
SOC	12050	Introduction to Sociology	3
TOTAL			20

*Students must receive a cumulative 3.0 GPA or higher in the three HDFS courses.

1. Pre-majors in human development and family studies who do not earn a cumulative 2.5 GPA or higher in the above courses, with a cumulative 3.0 GPA or higher in the three HDFS courses, must meet with their academic advisor to determine which required course(s) is/are to be retaken. Students for whom it appears a career in the human and family services is not a practical choice are counseled to pursue an alternative goal related to their interests.

2. All human development and family studies pre-majors are encouraged to meet with their academic advisor at least once each semester to discuss scheduling, questions about the major and other issues and concerns.

3. Students who have completed the human development and family studies pre-major courses with a cumulative 2.5 GPA or higher, including a cumulative 3.0 GPA or higher in HDFS 14027, 24011 and 24012, are eligible to apply for admission to the human development and family studies major. Students must complete an Undergraduate Change of Major Program form at the Office of Student Services, 304 White Hall. Students must be admitted into the human development and family studies major prior to enrollment in junior-level human development and family studies coursework.

4. Human development and family studies faculty are available to answer questions about the human development and family studies pre-major, and can be reached at 330-672-2197.

B.S. in Human Development and Family Studies

This program leads to a Bachelor of Science in Human Development and Family Studies with options in youth development, family life education and case management for individuals and families.

I. General College or University Requirements1

US 10097 First Year Colloquium1

II. Liberal Education Requirements36-37

A complete list of Liberal Education Requirements (LER) courses is on Pages 85-87.

Composition

ENG 11011 College Writing I3

21011 College Writing II3

Mathematics and Critical Reasoning3

Humanities and Fine Arts9

Minimum one course from humanities category and minimum one course from fine arts category.

Social Sciences

PSYC 11762 General Psychology3

SOC * 12050 Introduction to Sociology3

Basic Sciences

Must include one laboratory course.

BSCI 10001 Human Biology3

Basic sciences LER course and laboratory3-4

Additional LER Courses

Must be selected from two categories.

PSYC 21211 Psychology of Adjustment3

Choose from the following:3

LER course from above categories (3)

COMM 15000 Introduction to Human Communication (3)

PHIL 11009 Principles of Thinking (3)

Diversity Requirement

Students must complete a two-course diversity requirement, consisting of one course with a domestic (U.S.) focus and one with a global focus. The domestic-focus course is fulfilled in this major with LER social sciences SOC 12050. A complete list of diversity courses is on Pages 89-91.

III. Writing-Intensive Requirement

Students must complete a one-course writing-intensive requirement and earn minimum C (2.0) grade. This requirement is fulfilled in this major with GERO 44030. A complete list of writing-intensive courses is on Pages 93-95.

IV. Concentration Requirements38

GERO**44030 Adult Development and Aging3

HDFS 14027 Introduction to Human Development and Family Studies2

24011 Interpersonal Relationships and Families3

24012 Child Development3

25512 Management of Family Resources3

44018 Professional Development in Human Development and Family Studies3

44020 Adolescent Development3

44023 Building Family Strengths3

44028 Parent/Child Relationships3

44029 Family Policy3

NUTR 23511 Nutrition Related to Health	3
Choose from the following***:	6
GERO* 14029 Introduction to Gerontology (3)	
HDFS 24013 Early Adolescence (3)	
24095 Special Topics (3)	
34031 Cultural Diversity: Implications for the Helping Professions (3)	
41093 Workshop in Human Development and Family Studies (1-3)	
41095 Special Topics: Human Development and Family Studies (1-4)	
41096 Individual Investigation (1-3)	
44021 Family Intervention Across the Lifespan (3)	
44022 Changing Roles of Men and Women (3)	
44092 Practicum in Human Development and Family Studies (3-10)	
V. General Requirements	7
SOC 32210 Researching Society	3
32220 Data Analysis	3
32221 Data Analysis Laboratory	1
VI. Electives	7-15
<i>Number of elective hours vary with option chosen.</i>	
VII. Select one option:	24-31
Youth Development Option	
ENG 32002 Literature for Young Adults	3
HDFS**24013 Early Adolescence	3
HED 32530 Drug Use and Misuse	3
32544 Human Sexuality	3
JUS 12000 Introduction to Justice Studies	3
34311 Youth and the Justice System	3
RPTM 16000 Foundations of Recreation and Leisure	3
26030 Recreation Group Leadership	3
36075 Program Design and Evaluation	3
	27
Family Life Education Option	
COMM 20001 Interpersonal Communication	3
HDFS***44021 Family Intervention Across the Lifespan	3
*** 44022 Changing Roles of Men and Women	3
44030 Family Life Education Methodology	3
44092 Practicum in Human Development and Family Studies	3-10
HED 32544 Human Sexuality	3
JUS 12000 Introduction to Justice Studies	3
28003 Family Law and Procedure	3
	24-31
Case Management for Individuals and Families Option	
<i>In order to meet the 39 upper-division-hour requirements, a minimum of 6 additional upper-division credit hours are needed for this option. HDFS 44021 Family Intervention Across the Life-</i>	

<i>span is highly recommended in addition to at least another 3 upper-division credit hours.</i>	
HED 11590 Community Health	3
21050 Health Behavior	3
34060 Small Group Processes	2
HDFS***34031 Cultural Diversity: Implications for the Helping Professions	3
HST 21000 Dynamics of Helping Relationship	3
21001 Assessment of Client Needs	3
21002 Client Advocacy and Case Management	3
21092 Internship I: Human Services Technology	3
21192 Internship II: Human Services Technology	3
SOC 32762 Deviant Behavior	3
	29
	TOTAL 121

*Course fulfills diversity requirement.
 **Course fulfills writing-intensive requirement.
 ***These courses are part of the option and will not count as part of the 6-credit-hour HDFS elective category.

Gerontology Concentration

This multidisciplinary curriculum leads to a Bachelor of Science in Human Development and Family Studies with a concentration in gerontology. An option is available in nursing home administration.

Gerontology is focused on the study of aging. Professionals in this field work with and study people across the adult lifespan including older adults, middle-aged adults and young adults. For example, gerontologists may assist older adults with employment/retirement issues or with health-related issues; help middle-aged persons to deal with their own aging and help adjust to being a caregiver to a frail parent; or assist young adults in recognizing the characteristics of successful aging.

Graduates will be prepared for work in a variety of settings with adults whose needs are diverse. Employment settings for gerontology graduates include: retirement communities with independent, assisted living and nursing care; community-based human service agencies that address physical, recreational and emotional needs; planning and policy-making agencies such as Area Agencies on Aging; employment programs; and educational and leisure programs.

I. General College or University Requirements	1
US 10097 First Year Colloquium	1
II. Liberal Education Requirements	37

A complete list of Liberal Education Requirements (LER) courses is on Pages 85-87.

Composition

ENG 11011 College Writing I	3
21011 College Writing II	3

Mathematics and Critical Reasoning 3

Humanities and Fine Arts 9

Minimum one course from humanities category and minimum one course from fine arts category.

Social Sciences

PSYC 11762 General Psychology	3
SOC * 12050 Introduction to Sociology	3

Basic Sciences

BSCI 20020 Biological Structure and Function	5
CHEM 10052 Introduction to Organic Chemistry	2

Additional LER Courses

CHEM 10050 Fundamentals of Chemistry	3
PSYC 21211 Psychology of Adjustment	3

Diversity Requirement

Students must complete a two-course diversity requirement, consisting of one course with a domestic (U.S.) focus and one with a global focus. The domestic-focus course is fulfilled in this major with LER social sciences SOC 12050 or major requirements GERO 14029 or HDFS 24011. A complete list of diversity courses is on Pages 89-91.

III. Writing-Intensive Requirement

Students must complete a one-course writing-intensive requirement and earn minimum C (2.0) grade. This requirement is fulfilled in this major with GERO 44030. A complete list of writing-intensive courses is on Pages 93-95.

IV. Gerontology Requirements 29

GERO* 14029 Introduction to Gerontology	3
** 44030 Adult Development and Aging	3
44031 Social Policy & Community Resources for Older Adults	3
44092 Practicum in Gerontology	10
HDFS 14027 Introduction to Human Development and Family Studies	2
* 24011 Interpersonal Relationships and Families	3
NUTR 23511 Nutrition Related to Health	3
43521 Food: Dietary Modification	2

V. Interdisciplinary Requirements 26

ACCT 23020 Introduction to Financial Accounting	3
M&IS 24163 Principles of Management	3
34180 Human Resource Management	3
NURS 31095 Special Topics: Health Care Policy and Delivery Systems	3
PHIL 40005 Healthcare Ethics	3
RPTM 36010 Recreation, Leisure and Aging	3
SP&A 44130 Communication Disorders in the Aging	2

Choose from the following: 6

ARCH 45640 Environments for Older Adults (1-3)	
EDPF 42150 Educational Dimensions Leisure, Retirement and Aging (3)	
HDFS 34031 Cultural Diversity: Implications for the Helping Professions (3)	
41093 Workshop in Human Development and Family Studies (3)	
44021 Family Interventions Across the Lifespan (3)	
44023 Building Family Strengths (3)	
HED 42041 Health Counseling (3)	
M&IS 24053 Introduction to Computer Applications (3)	
SOC 42010 Death and Dying (3)	

VI. Additional Requirements 9

BSCI 40020 Biology of Aging	3
SOC 32210 Researching Society	3
42870 Interdisciplinary Seminar in Social Gerontology	3

VII. General electives 19

TOTAL 121

VIII. Nursing Home Administration Option (optional) 16

ACCT 23021 Introduction to Managerial Accounting	3
GERO 44092 Practicum in Gerontology	10
NURS 41095 Special Topics: Long-Term Care Administration	3

Additional 10 hours for a total of 20 hours. Must be taken in two consecutive terms. (Will provide 800 clock hours.)

TOTAL *** 137

*Course fulfills diversity requirement.

**Course fulfills writing-intensive requirement.

***Overall total with this additional option.

Minimum of 39 upper-division hours required for graduation.

B.S.E. in Integrated Business Education

I. General College or University Requirements 1

US 10097 First Year Colloquium	1
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II. Liberal Education Requirements 36-37

A complete list of Liberal Education Requirements (LER) courses is on Pages 85-87.

Composition

ENG 11011 College Writing I	3
21011 College Writing II	3

Mathematics and Critical Reasoning 3

Humanities and Fine Arts 9

Minimum one course from the humanities category and minimum one course from the fine arts category.

Social Sciences

ECON 22060 Principles of Microeconomics 3

PSYC 11762 General Psychology 3

Basic Sciences 6-7

Must include one laboratory course.

Additional LER Courses

COMM 15000 Introduction to Human Communication 3

ECON 22061 Principles of Macroeconomics 3

Diversity Requirement

Students must complete a two-course diversity requirement, consisting of one with a domestic (U.S.) focus and one with a global focus. One course must come from the LER. The domestic-focus course is fulfilled in this major with SPED 23000. A complete list of diversity requirement courses is on Pages 89-91.

III. Writing-Intensive Requirement

Students must complete a one-course writing-intensive requirement and earn a C (2.0) or higher. The requirement is fulfilled in this major with CTTE 46001. A complete list of writing-intensive courses is on Pages 93-95.

IV. Content Area Coursework 24-25

M&IS 34185 Individual and Group Behavior 3

Choose from the following: 3-4

ACCT 23020 Introduction to Financial Accounting (3)

ACTT 11000 Accounting I: Financial (4)

Choose from the following: 3

BMRT 11000 Introduction to Business (3)

BUS 10123 Exploring Business (3)

Choose from the following: 3

BMRT 21000 Business Law and Ethics (3)

FIN 26074 Legal Environment of Business (3)

Choose from the following: 3

BMRT 11009 Introduction to Management Technology (3)

M&IS 24163 Principles of Management (3)

Choose from the following: 3

BMRT 21050 Fundamentals of Marketing Technology (3)

MKTG 25010 Marketing (3)

Choose from the following: 3

COMT 11000 Introduction to Computer Systems (3)

M&IS 24053 Introduction to Computer Applications (3)

Choose from the following: 3

ENG 20002 Introduction to Technical Writing (3)

ITAP 26638 Business Communications (3)

V. Specialty Area Coursework (see advisor) 21

VI. Professional Education 51

C&I 47330 Reading and Writing in Adolescence 3

CTTE 44618 Elements of Experienced-Based Education 3

45372 Issues In Career Technical Education Subjects . . . 3

45377 Career and Technical Education: Advanced Methodologies 3

* 46001 Organization of Career and Technical Education . 3

46015 Methods of Career and Technical Education 3

46019 Coordinated of Career Technical Cooperative Education Programs 3

46020 Curriculum Guide Design and Application 3

46031 Student Teaching in Career Technical Education . 9

49525 Inquiry into Professional Practice 3

EDPF 29525 Educational Psychology 3

29535 Education in a Democratic Society 3

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

ITEC 19525 Educational Technology 3

SPED**23000 Introduction to Exceptionalities 3

TOTAL 133-135

*Course fulfills writing-intensive requirement.

**Course fulfills diversity requirement.

For Praxis II testing requirements and information, contact the Office of Student Services.

Minimum C (2.0) grade in all major coursework is required.

INTEGRATED HEALTH STUDIES

Created in 1999, the Bachelor of Science in Integrated Health Studies is designed for students interested in pursuing studies related to the health professions. All students complete the university's 36-hour Liberal Education Requirements (LER). The integrated health studies 17-hour core provides students with an overview of the health field and includes courses related to careers in medical terminology, health care ethics, health care policy and delivery systems, research design and statistical analysis, and a professional seminar. The core is designed to provide the students with a context in which to consider their particular area of concentration. Students may select one of three concentrations: health sciences, health services or health care administration and systems. The health sciences concentration is designed to be a strong science-based program for students interested in graduate studies in health-related fields or as a general degree for students interested in the health field. The health services concentration provides a comprehensive study of the health professions, human development and health services. This concentration also is designed to provide a 2+2 baccalaureate degree for students with associate's degrees in areas of allied health, such as physical or occupational therapy assistant technology. The health care administration and services concentration is designed for students wanting to prepare for management positions in the health care industry. This concentration provides a strong core of business courses including marketing, management, finance, economics, accounting and human resource management, as well as specialized courses related to long-term care administration.

Graduation Requirements:

To receive a Bachelor of Science in Integrated Health Studies, students must satisfy the 36-hour minimum requirement stipulated in the LER (see Pages 85-87 of this *Catalog*) and students must complete a minimum of 39 upper-division (30000 or 40000) courses. Students must have a cumulative GPA of at least a 2.00 for all courses taken at Kent State University. Students must have a 2.25 GPA for all courses taken in their major and minor when one is selected.

Writing-Intensive Course Requirement:

All students at Kent State University must complete a writing-intensive course in their major. Refer to Pages 70 and 93-95 of this *Catalog* for specific information on the writing-intensive course requirement. For majors, IHS 44091 Professional Seminar in Integrated Health Studies is the course designated to meet the writing-intensive course requirement.

B.S. in Integrated Health Studies

I.	General College or University Requirements	1
	US 10097 First Year Colloquium	1
II.	Liberal Education Requirements . . . . .	.36-40
	<i>A complete list of Liberal Education Requirements (LER) courses is on Pages 85-87.</i>	
	Composition	
	ENG 11011 College Writing I . . . . .	.3
	21011 College Writing II . . . . .	.3
	Mathematics and Critical Reasoning . . . . .	.3-4
	<i>Students in the health care administration and systems concentration or in the health services concentration must take:</i>	
	MATH 11009 Modeling Algebra (4)	
	<i>Students in the health sciences concentration must take:</i>	
	MATH 11010 Algebra for Calculus (3)	
	Humanities and Fine Arts . . . . .	.9
	<i>Minimum one course from humanities category and minimum one course from fine arts category.</i>	
	Social Sciences . . . . .	.6
	<i>Must be selected from two curricular areas.</i>	
	<i>Students in the health care administration and systems concentration must take the following:</i>	
	ECON 22060 Principles of Microeconomics (3)	
	PSYC 11762 General Psychology (3)	
	<i>Students in the health services concentration or in the health sciences concentration must take the following:</i>	
	PSYC 11762 General Psychology (3)	
	Social sciences LER course (3)	
	Basic Sciences . . . . .	.6-10
	<i>Must be selected from both chemistry and biology and include one laboratory course.</i>	

Students in the health sciences concentration must take the following:

PHY 13001 General College Physics I (5)
13002 General College Physics II (5)

Additional LER Courses **6**

Courses must be selected from two categories, above. COMM 15000 Introduction to Human Communication and PHIL 11009 Principles of Thinking may also be taken within this category. Students in the health care administration and systems concentration must take the following:

ECON 22061 Principles of Macroeconomics (3)

Diversity Requirement

Students must complete a two-course diversity requirement, consisting of one with a domestic (U.S.) focus and one with a global focus. A complete list of diversity courses is on Pages 89-91.

III. Writing-Intensive Requirement

Students must complete a one-course writing-intensive requirement and earn a minimum C (2.0) grade. This requirement is fulfilled in this major with IHS 44091. A complete list of writing-intensive courses is on Pages 93-95.

IV. Major Requirements **.23**

	HED 14020 Introduction to Medical Terminology . . . . .	.3
	IHS 10000 Careers in Health Sciences and Human Services .3	
	40091 Seminar for Practicum in Integrated Health Studies . . . . .	.2
	44010 Research Design and Statistical Methods for the Health Professions . . . . .	.3
	* 44091 Professional Seminar in Integrated Health Studies . . . . .	.3
	NURS 41095 Special Topics: Health Care Policy and Delivery Systems . . . . .	.3
	PHIL 40005 Health Care Ethics . . . . .	.3
	PSYC 21621 Quantitative Methods in Psychology I3

V. Electives **.10-23****VI. Choose one concentration (see below)** **.37-50**

TOTAL	121
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**Course fulfills writing-intensive requirement.*

Health Care Administration and Systems Concentration

	ACCT 23020 Introduction to Financial Accounting . . . . .	.3
	23021 Introduction to Managerial Accounting . . . . .	.3
	ECON 42086 Economics of Health Care . . . . .	.3
	FIN 36053 Business Finance . . . . .	.3
	IHS 44092 Practicum: Integrated Health Studies . . . . .	.3
	JMC 28001 Principles of Public Relations . . . . .	.3
	M&IS 24053 Introduction to Computer Applications . . . . .	.3

	24163	Principles of Management	. . . . .	3
	34180	Human Resource Management	. . . . .	3
MKTG	25010	Marketing	. . . . .	3
NURS	41095	Special Topics: Long-Term Care Administration	. . . . .	3
POL	30301	Introduction to Public Administration	. . . . .	3
SOC	42563	Sociology of Health and Health Care	. . . . .	3
		Total		39

Health Sciences Concentration

A&S	30095	Special Topics: Gross Anatomy	. . . . .	5
BSCI	30030	Human Physiology	. . . . .	4
MATH*	11022	Trigonometry	. . . . .	2
NURS	31095	Special Topics: Common Health Problems and Treatment	. . . . .	3
PEP	45080	Physiology of Exercise	. . . . .	3
SP&A	44111	Neural Processes	. . . . .	3
		Choose from the following:	. . . . .	6
BSCI	20021	Basic Microbiology (3)		
	30050	Human Genetics (3)		
	40020	Biology of Aging (3)		
NURS	20950	Human Growth and Development (3)		
NUTR	33512	Nutrition (3)		
PEP	25033	Lifespan Motor Development (3)		
	35075	Exercise Programming (3)		
	35079	Sports Physiology (3)		
Biology				
		Choose either series A or B:	. . . . .	5-8
<i>Series A</i>				
BSCI	20020	Biological Structure and Function (5)		
<i>Series B</i>				
BSCI	10110	Biological Diversity (4)		
	10120	Biological Foundations (4)		
Chemistry**				
		Choose either series A or B:	. . . . .	9-16
<i>Series A</i>				
CHEM	10050	Fundamentals of Chemistry (3)		
	10052	Introduction to Organic Chemistry (2)		
	20284	Physiological Chemistry (4)		
<i>Series B</i>				
CHEM	10060	General Chemistry I (4)		
	10061	General Chemistry II (4)		
	20481	Basic Organic Chemistry (4)		
	30284	Introductory Biological Chemistry (4)		
		Total		49-50

*MATH 11022 must be taken concurrently with MATH 11010.

**Students who plan to pursue graduate studies should take series B (CHEM 10060, 10061, 20481, 30284) and should take chemistry laboratories CHEM 10062 and 10063.

Health Services Concentration

Introduction to Professions

5 credit hours of allied health coursework may be used to fulfill the requirements of this category.

Choose from the following:7-8

GERO*	14029	Introduction to Gerontology (3)		
HDFS	14027	Introduction to Human Development and Family Studies (2)		
HED	21030	Introduction to Health Education (3)		
HST	11000	Introduction to Human Services (1)		
NURS	10050	Introduction to Professional Nursing (1)		
OTAT	10000	Introduction to Occupational Therapy (3)		
PTST	10000	Introduction to Physical Therapy Assisting (2)		
RPTM	16000	Foundations of Recreation and Leisure (3)		
SP&A	10002	Introduction to Communication Disorders (2)		

Human Development

Choose from the following:14-15

GERO**	44030	Adult Development and Aging (3)		
HDFS*	24011	Interpersonal Relationships and Families (3)		
	24012	Child Development (3)		
	34013	Development in Infancy (3)		
	44020	Adolescent Development (3)		
HED	11570	Personal Health (3)		
	32530	Drug Use and Misuse (3)		
	32544	Human Sexuality (3)		
	44025	Women's Health Issues (3)		
NURS	20950	Human Growth and Development (3)		
RPTM*	36040	Inclusion of People with Disabilities in Leisure Services (3)		
	36080	Principles of Therapeutic Recreation (3)		
SOC *	42879	Aging in Society (3)		
SP&A	44130	Communication Disorders of the Aging (2)		

Health Services

9 credit hours of allied health coursework may be used to fulfill the requirements of this category.

Choose from the following:15

GERO	44031	Social Policy and Community Resources for Older Adults (3)		
HED	32565	Marketing in Health Education (3)		
IHS	44092	Practicum: Integrated Health Studies (3-10)		
PSYC	40383	Psychological Interventions (3)		
RHAB	47712	Introduction to Rehabilitation (3)		
RPTM	26030	Recreation Group Leadership (3)		
	36010	Recreation, Leisure and Aging (3)		

* 36040	Inclusion of People with Disabilities in Leisure Services (3)	
36080	Principles of Therapeutic Recreation (3)	
SOC 42563	Sociology of Health and Health Care (3)	
SP&A 40104	Communication Disorders in Children and Adolescents (3)	
		Total 37

*Course fulfills diversity requirement.

**Course fulfills writing-intensive requirement.

B.S.E. in Integrated Language Arts

I. General College or University Requirements	1
US 10097 First Year Colloquium	1
II. Liberal Education Requirements	36-37
Composition	
ENG 11011 College Writing I	3
21011 College Writing II	3
Mathematics and Critical Reasoning	
Humanities and Fine Arts	
ENG 21054 Introduction to Shakespeare	3
THEA* 11000 The Art of Theatre	3
Choose from the following:	3
ENG 22071 Great Books I (3)	
22072 Great Books II (3)	
Social Sciences	
CACM*11001 Introduction to Conflict Management	3
Choose from the following:	3
ANTH* 18210 Introduction to Cultural Anthropology (3)	
SOC * 12050 Introduction to Sociology (3)	
Basic Sciences	
6-7	
<i>Must include one laboratory course.</i>	
Additional LER Courses	
JMC * 20001 Media, Power and Culture	3
Choose from the following:	3
COMM 15000 Introduction to Human Communication (3)	
* 26000 Criticism of Public Discourse (3)	
Diversity Requirement	
<i>Students must complete a two-course diversity requirement, consisting of one with a domestic (U.S.) focus and one with a global focus. The domestic-focus course is fulfilled in this major by the following: SPED 23000, LER social sciences CACM 11001, LER additional course JMC 20001, LER options COMM 26000, or SOC 12050. The global-focus course is fulfilled in this major with LER fine arts THEA 11000 or LER option ANTH 18210. A complete list of diversity courses is on Pages 89-91.</i>	

III. Writing-Intensive Requirement

Students must complete a one-course writing-intensive requirement and earn minimum C (2.0) grade. This requirement is fulfilled in this major with ADED 32142. A complete list of writing-intensive courses is on Page 93-95.

IV. Major Requirements 39-41

British Literature

ENG 25001 Literature in English I	3
30001 English Studies	3
Choose from the following:	3
ENG 34004 British Literature, 1800-1900 (3)	
34005 British Literature, 1900-Present (3)	

Reading Against the Grain

Choose from the following:	3
ENG * 21001 Introduction to Ethnic Literature of the United States (3)	
* 21002 Introduction to Women's Literature (3)	
* 21003 Introduction to LGBT Literature (3)	
* 33011 African American Literature (3)	
34011 World Literature in English (3)	
* 34021 Women's Literature (3)	
35301 LGBT: Critical Perspectives (3)	

American Literature

Choose from the following:	6
ENG 33001 U.S. Literature to 1865 (3)	
33002, U.S. Literature, 1865-1945 (3)	
33003 U.S. Literature, 1945-Present (3)	

Writing

ENG 20021 Introduction to Creative Writing	3
JMC 20004 Media Writing	3
47003 Teaching High School Journalism	3

Linguistics

ENG 31003 Linguistics	3
Choose from the following:	3
ANTH 48210 Culture and Communication (3)	
48240 The Symbolic Imperative (3)	
COMM*35852 Intercultural Communication (3)	
ENG 31002 History of the English Language (3)	
31004 Lexicography/Lexicology (3)	
** 41001 Sociolinguistics in Schooling (3)	

Electives

Choose from the following:	6-8
ENG, COMM or JMC 30000-level courses (3-6)	
Recommended:	
COMM 35912 Gender and Communication (3)	
45007 Freedom of Speech (3)	
ENG 25002 Literature in English II (3)	
JMC 40022 Film as Communication (3)	
40193 Desktop Publishing (1)	
SOC*42568 Race and Ethnic Studies (3)	

Foreign language courses*** (8)	
THEA 11303 The Art of Acting (3)	
11522 Introductory Lighting (3)	
11524 Introductory Costuming (3)	
11622 Introductory Scenery (3)	
21016 Make-up for Stage and Screen (3)	
IV. Professional Education	33
ADED**32142 Principles of Teaching Adolescents	3
<i>(Offered only in fall semester.)</i>	
42292 Field Work Practicum	3
EDPF 29525 Educational Psychology	3
29535 Education in a Democratic Society	3
HED 42575 Health and Learning: Strategies for	
Students and Teachers	3
ITEC 19525 Educational Technology	3
MCED 40007 Teaching Reading with Literature in	
Middle Childhood	3
<i>(Offered only in fall semester.)</i>	
SEED 43315 Teaching Literature in Secondary Schools	3
<i>(Offered only in spring semester.)</i>	
43325 Multi-Modal Literature in Secondary Classrooms	3
<i>(Offered only in spring semester.)</i>	
43335 Teaching Language and Composition	3
<i>(Offered only in fall semester.)</i>	
SPED* 23000 Introduction to Exceptionalities	3
IV. Student Teaching Block	12
ADED 42357 Secondary Student Teaching	9
49525 Inquiry into Professional Practice	3
TOTAL	121-124

*Course fulfills diversity requirement.

**Course fulfills writing-intensive requirement.

***Must take foreign language for two semesters.

B (3.0) grade or better is required in the following courses:

ENG 11011, 21011, College Writing I and II

C (2.0) grade or better is required in the following courses:

COMM 15000 Introduction to Human Communication

26000 Criticism of Public Discourse

ENG 21054 Introduction to Shakespeare

22071, 22072 Great Books I and II

JMC 20001 Media, Power and Culture

THEA 11000 Art of the Theatre

For Praxis II testing requirements and information, contact the Office of Student Services.

See Pages 290-291 for additional information.

B.S.E. in Integrated Mathematics

I. General College or University Requirements	1
US 10097 First Year Colloquium	1
II. Liberal Education Requirements	36-37
Composition	
ENG 11011 College Writing I	3
21011 College Writing II	3
Mathematics and Critical Reasoning	
PHIL 21002 Introduction to Formal Logic	3
Humanities and Fine Arts	9
<i>Minimum one course from humanities category and minimum one course from fine arts category.</i>	
Social Sciences	
<i>Must be selected from two curricular areas.</i>	
PSYC 11762 General Psychology	3
Social sciences LER course	3
Basic Sciences	6-7
<i>Must include one laboratory course.</i>	
Additional LER Courses	
<i>Must be selected from two categories.</i>	
COMM 15000 Introduction to Human Communication	3
Choose from the following:	3
LER course from above categories (3)	
PHIL 11009 Principles of Thinking (3)	
Diversity Requirement	
<i>Students must complete a two-course diversity requirement, consisting of one with a domestic (U.S.) focus and one with a global focus. One course must come from the LER. The domestic-focus course is fulfilled in this major with SPED 23000. A complete list of diversity courses is on Pages 89-91.</i>	
III. Writing-Intensive Requirement	
<i>Students must complete a one-course writing-intensive requirement and earn minimum C (2.0) grade. This requirement is fulfilled in this major with ADED 32142. A complete list of writing-intensive courses is on Pages 93-95.</i>	
IV. Major Requirements	44
CS 10051 Introduction to Computer Science	4
MATH*12002 Analytic Geometry and Calculus I	5
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
Mathematics 40000-level electives (advisor approved)	6

Choose from the following:	3
MATH 32044 Introduction to Ordinary Differential Equations (3)	
42011 Mathematical Optimization (3)	
42021 Graph Theory and Combinatorics (3)	
42201 Introduction to Numerical Computing I (3)	
47011 Theory of Numbers (3)	
V. Professional Coursework	28
ADED**32142 Principles of Teaching Adolescents	3
<i>(Offered only in fall semester.)</i>	
32268 The Secondary Mathematics Curriculum	3
<i>(Offered only in spring semester.)</i>	
42268 Teaching Mathematics in Secondary Schools	3
42292 Field Work Practicum	3
EDPF 29525 Educational Psychology	3
29535 Education in a Democratic Society	3
HED 42575 Health and Learning: Strategies for	
Students and Teachers	3
ITEC 19525 Educational Technology	3
SPED***23000 Introduction to Exceptionalities	3
Professional elective	1
VI. Student Teaching Block	12
ADED 42357 Secondary Student Teaching	9
49525 Inquiry into Professional Practice	3
TOTAL	121-122

*Prerequisites MATH 11010 and 11022 or proficiency test.

**Course fulfills writing-intensive requirement.

***Course fulfills diversity requirement.

For Praxis II testing requirements and information, contact the Office of Student Services.

See Pages 290-291 for additional information.

B.S.E. in Integrated Science

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

I. General College or University Requirements	1
US 10097 First Year Colloquium	1
II. Liberal Education Requirements	37
Composition	
ENG 11011 College Writing I	3
21011 College Writing II	3
Mathematics and Critical Reasoning	
MATH*11010 Algebra for Calculus	3
Humanities and Fine Arts	
COMM**26000 Criticism of Public Discourse	3

PHIL**11001 Introduction to Philosophy	3
Fine arts LER course	3

Social Sciences

PSYC 11762 General Psychology	3
SOC** 12050 Introduction to Sociology	3

Basic Sciences

GEOL 11040 Earth Dynamics	3
11041 Earth Dynamics Laboratory	1
PHY 11030 Seven Ideas that Shook the Universe	3

Additional LER Courses

COMM 15000 Introduction to Human Communication	3
SOC** 22778 Social Problems	3

Diversity Requirement

Students must complete a two-course diversity requirement, consisting of one with a domestic (U.S.) focus and one with a global focus. The domestic-focus course is fulfilled in this major with LER humanities COMM 26000, LER social sciences SOC 12050 or SPED 23000. The global-focus course is fulfilled in this major with LER additional SOC 22778. A complete list of diversity courses is on Pages 89-91.

III. Writing-Intensive Requirement

Students must complete a one-course writing-intensive requirement and earn minimum C (2.0) grade. This requirement is fulfilled in this major with ADED 32142. A complete list of writing-intensive courses is on Pages 93-95.

IV. Mathematics Requirements .10

MATH*11022 Trigonometry	2
12002 Analytic Geometry and Calculus I	5
Choose from the following:	3
MATH 10041 Elementary Probability and Statistics (3)	
30011 Basic Probability and Statistics (3)	

V. Major Requirements .38

BSCI 10110 Biological Diversity	4
10120 Biological Foundations	4
30156 Elements of Genetics	3
CHEM 10060 General Chemistry I	4
10061 General Chemistry II	4
10062 General Chemistry I Laboratory	1
10063 General Chemistry II Laboratory	1
GEOG 31062 Meteorology	3
GEOL 11042 Earth History	3
11043 Earth History Laboratory	1
PHY 13001 General College Physics I	5
13002 General College Physics II	5

Students pursuing the physics emphasis must instead take PHY 23101 General University Physics I and PHY 23102 General University Physics II.

VI. Professional Coursework .27

EDPF 29525 Educational Psychology	3
ITEC 19525 Educational Technology	3

VII. Advanced Study Coursework

ADED***32142 Principles of Teaching Adolescents 3
(Offered only in fall semester.)

32277 Teaching Science in Secondary Schools 3
(Offered only in spring semester.)

42277 Topics in Secondary School Science 3

42292 Field Work Practicum 3

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

EDPF 29535 Education in a Democratic Society 3

SPED**23000 Introduction to Exceptionalities 3

VII. Student Teaching Block 12
(Offered only in spring semester.)

ADED 42357 Secondary Student Teaching 9

49525 Inquiry into Professional Practice 3

IX. Choose one concentration (see below): **30-34**

TOTAL 155-159

Chemistry Concentration

BSCI 20140 Cell Biology 4

CHEM 30101 Quantitative Analysis 2

30284 Introduction to Biological Chemistry 4

30360 Aqueous Descriptive Inorganic Chemistry 2

30475 Organic Chemistry I Laboratory 1

20481 Basic Organic Chemistry 4

40567 Basic Concepts of Physical Chemistry 4

GEOG 41073 Conservation of Natural Resources 3

GEOL 21062 Environmental Geology 3

Choose from the following: 3

PHY 21430 Frontiers in Astronomy (3)

24001 Astronomy (3)

30

Earth Science Concentration

BSCI 20560 Invertebrate Zoology 4

CHEM 20481 Basic Organic Chemistry I 4

30101 Quantitative Analysis 2

30360 Aqueous Descriptive Inorganic Chemistry 2

GEOG 41082 Soils 3

GEOL 23063 Mineralogy 4

*** 34061 Invertebrate Paleontology 4
(Prerequisite is waived for integrated science majors.)

Choose from the following: 4

GEOL 31070 Petrology (4)

32066 Geomorphology (4)

Choose from the following: 3

PHY 21430 Frontiers in Astronomy (3)

24001 Astronomy (3)

30

Life Science Concentration

BSCI 20140 Cell Biology 4

30360 General Ecology 4

40163 Organic Evolution 3

CHEM 20481 Basic Organic Chemistry 4

30284 Introduction to Biological Chemistry 4

GEOG 41073 Conservation of Natural Resources 3

GEOL***34061 Invertebrate Paleontology 4
(Prerequisite is waived for integrated science majors.)

Choose from the following: 4

BSCI 30030 Human Physiology (4)

40430 General Physiology (4)

Choose from the following: 3

PHY 21430 Frontiers in Astronomy (3)

24001 Astronomy (3)

33

Physics Concentration

BSCI 20140 Cell Biology 4

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 Laboratory 2

32511 Electronics 4

36001 Modern Physics I 3

Choose from the following: 3

PHY 21430 Frontiers in Astronomy (3)

24001 Astronomy (3)

34

**Course may be waived with permission of the Department of Mathematical Sciences, or by passing the placement exam given by Academic Testing Services.*

***Course fulfills diversity requirement.*

****Course fulfills writing-intensive requirement.*

For Praxis II testing requirements and information, contact the Office of Student Services.

See Pages 290-291 for additional information.

B.S.E. in Integrated Social Studies

The content area coursework in integrated social studies offers the choice of economics, geography, history, political science or sociology emphasis. Students become licensed to teach all social science areas grades 7-12 regardless of their area of emphasis.

I. General College or University Requirements	1
US 10097 First Year Colloquium	1
II. Liberal Education Requirements	36-37
<i>A complete list of Liberal Education Requirements (LER) courses is on Pages 85-87.</i>	
Composition	
ENG 11011 College Writing I	3
21011 College Writing II	3
Mathematics and Critical Reasoning 3	
Humanities and Fine Arts	
HIST * 11050 History of Civilization I	3
* 11051 History of Civilization II	3
Fine arts LER course	3
Social Sciences	
ECON 22060 Principles of Microeconomics	3
PSYC 11762 General Psychology	3
Basic Sciences 6-7	
<i>Must include one laboratory course.</i>	
Additional LER Courses	
ANTH* 18210 Introduction to Cultural Anthropology	3
ECON 22061 Principles of Macroeconomics	3
Diversity Requirement	
<i>Students must complete a two-course diversity requirement, consisting of one with a domestic (U.S.) focus and one with a global focus. The domestic-focus course is fulfilled in this major with several core courses (marked with an *). The global-focus course is fulfilled in this major with the LER humanities HIST 11050 or 11051. A complete list of diversity courses is on Pages 89-91.</i>	
III. Writing-Intensive Requirements	
<i>Students must complete a one-course writing-intensive requirement and earn minimum C (2.0) grade. This requirement is fulfilled in this major with ADED 32142. A complete list of writing-intensive courses is on Pages 93-95.</i>	
IV. Core Coursework	18
GEOG 10160 Introduction to Geography	3
HIST * 12070 History of the United States:	
The Formative Period	3
* 12071 History of the United States:	
The Modern Period	3
POL * 10100 American Politics	3
SOC * 12050 Introduction to Sociology	3
WMST*30000 Colloquium in Women's Studies	3
V. Professional Coursework	27
ADED**32142 Principles of Teaching Adolescents	3
<i>(Offered only in fall.)</i>	
32275 Social Studies Education and the Social Sciences	3
<i>(Offered only in spring.)</i>	
42275 Teaching Social Studies in Secondary Schools	3
42292 Field Work Practicum	3
C&I 47330 Reading and Writing in Adolescence/Adulthood	3
EDPF 29525 Educational Psychology	3
29535 Education in a Democratic Society	3
ITEC 19525 Educational Technology	3
SPED* 23000 Introduction to Exceptionalities	3
VI. Student Teaching Block	12
ADED 42357 Secondary Student Teaching	9
<i>(Offered only in spring.)</i>	
49525 Inquiry into Professional Practice	3
<i>(Offered only in spring.)</i>	
VII. Core Requirements for All Concentration	12-18
<i>Students should take all the requirements, except for the curriculum area they are pursuing as an concentration (e.g., students taking the sociology concentration should not take the sociology requirement in this category).</i>	
Geography Requirement	
<i>Students taking the geography concentration should not take this requirement.</i>	
Choose from the following: 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)	
History Requirement	
<i>Students taking the history concentration should not take this requirement.</i>	
Choose from the following: 3	
HIST 31061 Ohio History (3)	
41087 Progressive America: The United States, 1896-1919 (3)	

- 41088 New Era Through World War: The United States, 1920-1945 (3)
 - 41089 Recent America: The United States, 1945-Present (3)
- History non-Western, upper-division elective (3)

Political Science Requirements

Students taking the political science concentration should not take this requirement.

- Choose from the following: 3
- POL * 10004 Comparative Politics (3)
- * 10500 World Politics (3)
- 30002 Political Thought (3)
- Choose from the following: 3
- POL 30100 American Political Theory (3)
- 30820 International Organization and Law (3)
- * 40183 Constitutional Law: Civil Rights and Liberties (3)

Psychology Requirement

- Choose from 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)

Sociology Requirement

- Students taking the sociology concentration should not take this requirement.*
- Choose one course from the following: 3
 - SOC 22100 Sociological Analysis (3)
 - * 22778 Social Problems (3)
 - 32400 Individual and Society (3)
 - * 32570 Inequality in Societies (3)

VIII. Choose one concentration (see below) 12-18

TOTAL 124-125

Economics Concentration

- Choose from the following: 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)
- ** 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)
- 42086 Economics of Health Care (3)
- 42087 Law and Economics (3)

12

Geography Concentration

- GEOG 21062 Physical Geography 3
- 29160 Mapping Our World 3
- Choose from the following: 3
- GEOG* 17063 World Geography (3)
- * 17064 Geography of the United States and Canada (3)
- Choose from the following: 3
- GEOG* 32080 Politics and Place (3)
- 34070 Economic Geography (3)
- * 36065 Cities and Urbanization (3)
- Choose from the following: 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)

15

History Concentration

- HIST 31061 Ohio History 3
- History 30000-40000-level non-Western elective 3
- Choose from the following: 3
- HIST 41014 Europe in the Renaissance (3)
- 41016 The Protestant and the Catholic Reformations (3)
- 41017 17th-Century Europe (3)
- 41018 18th-Century Europe: Age of Revolution (3)
- 41020 19th-Century Europe (3)
- 41024 Modern European History, 1914-1945 (3)
- 41025 Modern European History, 1945-Present (3)
- ** 47697 Colloquium: Post-1945 Europe (3)
- Choose from the following: 3
- HIST 41087 Progressive America: The United States, 1896-1919 (3)
- 41088 New Era Through World War: The United States, 1920-1945 (3)
- 41089 Recent America: The United States, 1945-Present (3)

Choose from the following:	3
PAS 35100 African American Social, Political and Economic Systems (3)	
35200 African Social, Political and Economic Systems (3)	
	15

Political Science Concentration

POL * 10500 World Politics	3
30002 Political Thought	3
Choose from the following:	3
POL 30430 State Government (3)	
30450 Metropolitan Governance (3)	
Choose from the following:	3
POL 30100 American Political Theory (3) (highly recommended)	
30300 Public Policy Theory (3)	
30500 International Relations Theory (3)	
30501 Comparative Theory and Concepts (3)	
Choose from the following:	3
POL 30110 The Congress (3)	
30120 The Presidency and Executive Bureaucracy (3)	
30450 Metropolitan Governance (3)	
40116 Public Opinion and Political Behavior (3)	
40118 Political Parties and Interest Groups (3) (recommended)	
* 40183 Constitutional Law: Civil Rights and Liberties (3) (highly recommended)	
Choose from the following:	3
POL 30820 International Organization and Law (3) (highly recommended)	
* 30530 Asian Politics (3)	
* 30540 African Politics (3)	
* 40540 Politics of Development (3) (recommended)	
* 40560 Human Rights and Social Justice (3)	
40830 United States Foreign Policy (3)	
40840 Comparative Foreign Policy (3)	
	18

Sociology Concentration

SOC 22100 Sociological Analysis	3
Choose from the following:	3
SOC * 22778 Social Problems (3)	
32400 Individual and Society (3)	
* 32570 Inequality in Societies (3)	
Choose from the following:	9
SOC 32210 Researching Society (3)	
* 32560 Sociology of Families (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)	
	15

*Course fulfills diversity requirement.

**Course fulfills writing-intensive requirement.

For Praxis II testing requirements and information, contact the Office of Student Services.

See Pages 290-291 for additional information.

B.S.E. in Intervention Specialist

This program consists of five concentrations leading to licensure:
Deaf Education
Educational Interpreter
Gifted Education
Mild/Moderate Educational Needs
Moderate/Intensive Educational Needs

The curriculum of each licensure area is specified in the following sections. The Liberal Education Requirements (LER) 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 also are included.

Students must have minimum 2.75 cumulative GPA and 3.00 professional GPA to qualify for student teaching as well as for graduation.

Deaf Education Concentration

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 ages 3 through 21, and in grades pre-kindergarten 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: documented meeting with deaf education advisor, during which a portfolio is submitted

containing at least one letter of recommendation from a deaf person, parent or teacher of the deaf and a description of their professional plans and goals; and SPED 19201, 19202 and 43309.

Additionally, to qualify for advancement to student teaching, students must pass a sign-language proficiency examination and receive favorable course and practicum evaluations from deaf education faculty instructors.

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

I. General College or University Requirements1

US 10097 First Year Colloquium1

II. Liberal Education Requirements41-42

A complete list of Liberal Education Requirements (LER) courses is on Pages 85-87.

Composition

ENG 11011 College Writing I3

ENG 21011 College Writing II3

Mathematics and Critical Reasoning

MATH 14001 Basic Mathematical Concepts I4

MATH 14002 Basic Mathematical Concepts II4

Humanities and Fine Arts

THEA* 11000 The Art of the Theatre3

Choose from the following:6

ENG 21054 Introduction to Shakespeare (3)

22071 Great Books I (3)

22072 Great Books II (3)

Social Sciences

Must be selected from two curricular areas.

PSYC 11762 General Psychology3

Social sciences LER course3

Basic Sciences6-7

Must include one laboratory course.

Additional LER Courses

COMM 15000 Introduction to Human Communication3

JMC * 20001 Media, Power and Culture3

Diversity Requirement

Students must complete a two-course diversity requirement, consisting of one with a domestic (U.S.) focus and one with a global focus. The domestic-focus course is fulfilled in this major with LER humanities THEA 11000, LER additional JMC 20001 or the major requirement SPED 23000. A complete list of diversity courses is on Pages 89-91.

III. Writing-Intensive Requirement

Students must complete a one-course writing-intensive requirement and earn minimum C (2.0) grade. The writing-intensive requirement in this major is fulfilled with ECED 41026 or SPED 43020 or 43309. A complete list of writing-intensive courses is on Pages 93-95.

IV. Professional Coursework86

C&I 47501 Teaching Mathematics in Early and Middle Grades3

47502 Science Teaching in Early and Middle Grades . . .3

EDPF 29525 Educational Psychology3

29535 Education in a Democratic Society3

HED 42575 Health and Learning3

ITEC 19525 Educational Technology3

SP&A 34104 Speech and Language Development3

34105 Phonemic Bases of Speech and Language3

43600 Fundamentals of Educational Audiology3

SPED 19201 American Sign Language I (or ASL 19201)4

19202 American Sign Language II (or ASL 19202)4

* 23000 Introduction to Exceptionalities3

29201 American Sign Language III (or ASL 29201)3

29202 American Sign Language IV (or ASL 20202)3

43010 Family and Professional Collaboration3

** 43020 Assessment in Special Education3

43030 Class and Behavior Management I: Theory

and Techniques3

43031 Classroom and Behavior Management II:

Application and Teaching Social Skills3

43092 Deaf Residential School Internship1

** 43309 Introduction to Deaf Studies3

*** 43310 Language Instruction for Deaf/Hard-of-

Hearing Students3

**** 43311 Instructional Strategies for Deaf/Hard-of-

Hearing Students with Special Needs3

**** 43313 Literacy Assessment and Intervention for

Deaf/Hard-of-Hearing Students6

**** 43319 Instructional Approaches and Placements for

Deaf/Hard-of-Hearing Students3

*** 43324 Curriculum Methods and Materials for Deaf/

Hard-of-Hearing Students3

43392 Practicum: Deaf Education (with SPED 43310) . .1

43392 Practicum: Deaf Education (with SPED 43311) . .1

43392 Practicum: Deaf Education (with SPED 43313) . .1

43392 Practicum: Deaf Education (with SPED 43319) . .1

43392 Practicum: Deaf Education (with SPED 43324) . .1

Choose from the following:3

C&I 47504 Teaching Reading and Writing in

Middle Grades (3)

ECED**40126 Developmental Reading and Writing:

Early Years (3)

V. Student Teaching Block	12
SPED 43981 Student Teaching in Special Education	9
49525 Inquiry into Professional Practice	3
TOTAL	140-141

*Course fulfills diversity requirement.

**Course fulfills writing-intensive requirement.

***Course offered only during fall semester.

****Course offered only during spring semester.

For Praxis II testing requirements and information, contact the Office of Student Services.

Educational Interpreter Concentration

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 receive state of Ohio licensure in educational interpreting (K-12). The program prepares 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 are required to spend a one-week internship (minimum 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 break, spring break or summer intersession 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 September 30 of that academic year. If this is approved by the program, students are responsible to make any additional transportation and living arrangements with the residential program themselves.

Additionally, to qualify for the final practicum, students must pass a sign language and proficiency examination at a level to be determined by their program coordinator.

I. General College or University Requirements	1
US 10097 First Year Colloquium	1
II. Liberal Education Requirements	41-42
<i>A complete list of Liberal Education Requirements (LER) courses is on Pages 85-87.</i>	
Composition	
ENG 11011 College Writing I	3
ENG 21011 College Writing II	3

Mathematics and Critical Reasoning

MATH 14001 Basic Mathematical Concepts I	4
MATH 14002 Basic Mathematical Concepts II	4

Humanities and Fine Arts

PHIL * 21001 Introduction to Ethics	3
Fine arts LER course	3
Humanities and Fine Arts	3

Social Sciences

CACM*11001 Introduction to Conflict Management	3
PSYC 11762 General Psychology	3

Basic Sciences

Must include one laboratory course.

Additional LER Courses

COMM 15000 Introduction to Human Communication	3
PSYC 20651 Child Psychology	3

Diversity Requirement

Students must complete a two-course diversity requirement, consisting of one with a domestic (U.S.) focus and one with a global focus. The domestic-focus course is fulfilled in this major with LER social sciences CACM 11001 or the major requirement SPED 23000. The global-focus course is fulfilled in this major with LER humanities PHIL 21001. A complete list of diversity courses is on Pages 89-91.

III. Writing-Intensive Requirement

Students must complete a one-course writing-intensive requirement and earn minimum C (2.0) grade. The writing-intensive requirement in this major is fulfilled with SPED 43309. A complete list of writing-intensive courses is on Pages 93-95.

IV. Professional Coursework

ITEC 19525 Educational Technology	3
EDPF 29525 Educational Psychology	3
SP&A 34104 Speech and Language Development	3
43600 Fundamentals of Educational Audiology	3
SPED 19201 American Sign Language I (or ASL 19201)	4
19202 American Sign Language II (or ASL 19202)	4
* 23000 Introduction to Exceptionalities	3
29201 American Sign Language III (or ASL 29201)	3
29202 American Sign Language IV (or ASL 29202)	3
39201 American Sign Language V (or ASL 39201)	3
39202 American Sign Language VI (or ASL 39202)	3
43010 Family and Professional Collaboration	3
43092 Deaf Residential School Internship	1
F 43100 Survey of the Interpreting Profession	3
S 43101 Deaf Culture and Community	3
F 43102 Interpreting Processes Deaf Hard/Hearing I	3
S*** 43103 Interpreting Processes Deaf Hard/Hearing II ...	3
F*** 43104 Advanced Voice-to-Sign Interpreting	3
43105 Signed English and Other Systems	3
F 43106 Classroom Setting Interpreting	3
S 43107 Nonclassroom Setting Interpreting	3

F 43108	American Sign Language Linguistics and Usage	.3
43110	Discourse Analysis for Interpreters	.3
43111	The Professional Interpreter	.3
*** 43192	Practicum in Educational Interpreting I	.1
*** 43192	Practicum in Educational Interpreting II	.1
** 43309	Introduction to Deaf Studies	.3
V. Advanced Practicum Block		.12
SPED 43981	Advanced Practicum in Educational Interpreting	.9
49525	Inquiry Seminar into Professional Practice	.3
		131-132

*Course fulfills diversity requirement.

**Course fulfills writing-intensive requirement.

***SPED 43103 and 43104 must be taken concurrently with SPED 43192.

F Course offered only during fall semester.

S Course offered only during fall semester.

Gifted Education Concentration

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 ages 8 through 14, in and grades four through nine. The middle childhood license requires preparation in two of the following concentration areas: mathematics; reading and language arts; science; and social studies. Please refer to Pages 329-330 for concentration area requirements.

These students are subject to the same selective screening process as middle childhood education students. Please refer to Page 328 for more information.

The Gifted Education Intervention Specialist license is valid for teaching learners ages 5 through 21, and in 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. Students may take 13 credit hours at the graduate level if they apply and meet admission criteria for the College and Graduate School of Education, Health, and Human Services.

I. General College or University Requirements	.1
US 10097	First Year Colloquium .1
II. Liberal Education Requirements	.42
<i>A complete list of Liberal Education Requirements (LER) courses is on Pages 85-87.</i>	
Composition	
ENG 11011	College Writing I .3
ENG 21011	College Writing II .3
Mathematics and Critical Reasoning	
MATH 14001	Basic Mathematical Concepts I .4
MATH 14002	Basic Mathematical Concepts II .4
Humanities and Fine Arts	
Fine arts LER course .3	
Choose from the following: .3	
ENG 22071	Great Books I (3)
22072	Great Books II (3)
Choose from the following: .3	
<i>Students in the social science concentration should take HIST 12070.</i>	
HIST * 11050	History of Civilization I (3)
* 12070	History of the United States: The Formative Period (3)
PAS * 23001	Black Experience I: Beginnings to 1865 (3)
Social Sciences	
GEOG* 17063	World Geography .3
PSYC 11762	General Psychology .3
Basic Sciences .7	
<i>Students in all concentrations, except science, should take the following:</i>	
BSCI 10001	Human Biology (3)
Basic sciences laboratory course (1)	
Choose one course from the following:	
CHEM 10030	Chemistry in Our World (3)
GEOL 11040	Earth Dynamics (3)
21062	Environmental Geology (3)
21080	Oceanography (3)
PHY 11030	Seven Ideas that Shook the Universe (3)
21430	Frontiers in Astronomy (3)
<i>Students in the science concentration should take the following two courses:</i>	
BSCI 10120	Biological Foundations (4)
CHEM 10030	Chemistry in Our World (3)
Additional LER Courses	.6
<i>Students must select one course from the two concentrations they are pursuing.</i>	
Mathematics Concentration	
MATH 11010	Algebra for Calculus (3)
Reading/Language Arts Concentration	
COMM 15000	Introduction to Human Communications (3)
Science Concentration	
PHY 11030	Seven Ideas that Shook the Universe (3)
Social Studies Concentration	

ECON 22060 Principles of Microeconomics (3)

Diversity Requirement

Students must complete a two-course diversity requirement, consisting of one with a domestic (U.S.) focus and one with a global focus. The domestic-focus course may be fulfilled in this major with LER humanities HIST 12070 or the major requirement SPED 23000. The global-focus course may be fulfilled in this major with LER humanities HIST 11050 or PAS 23001 or LER social sciences GEOG 17063. A complete list of diversity courses is on Pages 89-91.

III. Writing-Intensive Requirement

Students must complete a one-course writing-intensive requirement and earn minimum C (2.0) grade. The writing-intensive requirement in this major may be fulfilled with MCED 40006 or SPED 43020. A complete list of writing-intensive courses is on Pages 93-95.

IV. Professional Coursework52

EDPF 29525 Educational Psychology3
 29535 Education in a Democratic Society3
 ITEC 19525 Educational Technology3
 MCED 40005 Effective Use of Phonics3
 SPED* 23000 Introduction to Exceptionalities3
 ** 43020 Assessment in Special Education3
 43529 Nature and Needs of Gifted3
 43530 Instructional Processes for Gifted Children3
 43534 Social and Emotional Components of Giftedness .3

Block I

(Must be taken concurrently.)

CHDS 20092 Field Experience I: Middle Childhood1
 HDFS 24013 Early Adolescence3

Block II

(Offered only in fall semester.)

MCED 30001 Teaching Mathematics in Middle Childhood I . . .3
 30002 Integrated Social Studies and Science
 in Middle Childhood3
 31000 Teaching and Learning in Middle Childhood . . .3
 ** 40006 Reading and Writing in Middle Childhood6

Block III

(Offered only in spring semester.)

MCED 40007 Teaching Reading with Literacy in
 Middle Childhood3
 41000 Curriculum and Organization Middle Childhood .3

V. Student Teaching Semester13

MCED 42357 Student Teaching in Middle Childhood/
 Gifted Education5
 49525 Inquiry into Professional Practice3
 SPED 43981 Student Teaching Special Education5

VI. Select two options30-45

Mathematics Option

MATH 11022 Trigonometry2

12002 Analytic Geometry and Calculus I5

34001 Fundamental Concepts of Algebra3

34002 Fundamental Concepts of Geometry3

Choose from the following:3

MATH 10041 Elementary Probability and Statistics (3)

30011 Basic Probability and Statistics (3)

Choose from the following:3-5

MATH 12003 Analytic Geometry and Calculus II (5)

21001 Linear algebra with Applications (3)

22005 Analytic Geometry and Calculus III (3)

31011 Discrete Mathematics (3)

MCED 40001 Teaching Mathematics in Middle Childhood II . . .3

22-24

Reading/Language Arts Option

ENG 25002 Literature in English II3

Choose from the following:3

ENG 21001 Introduction to Ethnic Literature of the

United States (3)

21002 Introduction to Women's Literature (3)

Choose from the following:3

ENG 31001 Fundamentals of English Grammar (3)

31003 Linguistics (3)

Choose from the following:3

COMM 26000 Criticism of Public Discourse (3)

JMC 20001 Media, Power and Culture (3)

12

Science Option

MCED 40002 Teaching Science in Middle Childhood II3

Choose from the following:3

ANTH 18630 Human Evolution (3)

BSCI 10002 Ecology, Evolution and Society (3)

Physical science, choose one series:5

CHEM 10060 General Chemistry I (4)

10062 General Chemistry I Laboratory (1)

or

PHY 13001 General College Physics (5)

Earth sciences, choose one series4

GEOG 11040 Earth Dynamics (3)

11041 Earth Dynamics Laboratory (1)

or

GEOG 11042 Earth History (3)

11043 Earth History Laboratory (1)

Science, choose from the following:3-4

BSCI 10110 Biological Diversity (4)

20021 Basic Microbiology (3)

20275 Local Flora (4)

GEOG 41073 Conservation of Natural Resources (3)

GEOG 21080 Oceanography (3)

31062 Fundamentals of Meteorology (3)

41073 Geology of Ohio (3)

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

18-19

Social Studies Option

HIST	11050	History of Civilization I	.3
	11051	History of Civilization II	.3
MCED	40003	Teaching Social Studies in Middle Childhood II	.3
POL	10100	American Politics	.3
		Choose from the following:	.3
ANTH	18210	Introduction to Cultural Anthropology (3)	
SOC	12050	Introduction to Sociology (3)	
		Choose from the following:	.3
POL	10500	World Politics (3)	
	30540	African Politics (3)	
	30520	European Politics (3)	
	30550	Latin American Politics (3)	
		Choose from the following:	.3
ANTH	38250	Religion: Search for Meaning (3)	
	48210	Culture and Communication (3)	
	48260	Culture Conflict (3)	
	48270	Native Peoples of North America (3)	
GEOG	37010	Geography of Ohio (3)	
	37040	Geography of Africa (3)	
	37070	Geography of East and Southeast Asia (3)	
	37084	Geography of South America (3)	
	37085	Geography of Central America and Mexico (3)	
HIST	31061	History of Ohio (3)	
	31126	History of the Middle East (3)	
	31130	History of African Civilization (3)	
	31140	Modern Latin America (3)	
	** 42297	Colloquium: China and Japan	

21

TOTAL 138-153

*Course fulfills diversity requirement.

**Course fulfills writing-intensive requirement.

Minimum C (2.0) grade is required in all concentration-area coursework, including Liberal Education Requirements (LER) required in the chosen concentration areas.

For Praxis II testing requirements and information, contact the Office of Student Services.

Mild/Moderate Educational Needs Concentration

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 ages 5 through 21, and in 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. General College or University Requirements1

US	10097	First Year Colloquium	.1
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II. Liberal Education Requirements41-42

A complete list of Liberal Education Requirements (LER) courses is on Pages 85-87.

Composition

ENG	11011	College Writing I	.3
ENG	21011	College Writing II	.3

Mathematics and Critical Reasoning

MATH	14001	Basic Mathematical Concepts I	.4
MATH	14002	Basic Mathematical Concepts II	.4

Humanities and Fine Arts

THEA*	11000	The Art of the Theatre	.3
		Choose from the following:	.6
ENG	21054	Introduction to Shakespeare (3)	
	22071	Great Books I (3)	
	22072	Great Books II (3)	

Social Sciences

Must be selected from two curricular areas.

PSYC	11762	General Psychology	.3
		Social sciences LER course	.3

Basic Sciences6-7

Must include one laboratory course.

Additional LER Courses

COMM	15000	Introduction to Human Communication	.3
JMC *	20001	Media, Power and Culture	.3

Diversity Requirement

Students must complete a two-course diversity requirement, consisting of one with a domestic (U.S.) focus and one with a global focus. The domestic-focus course may be fulfilled in this major with LER humanities THEA 11000, LER additional JMC 20001 or the major requirement SPED 23000. A complete list of diversity courses is on Pages 89-91.

III. Writing-Intensive Requirement

Students must complete a one-course writing-intensive requirement and earn minimum C (2.0) grade. The writing-intensive requirement in this major may be fulfilled with ECED 40126 or SPED 43020. A complete list of writing-intensive courses is on Pages 93-95.

IV. Additional English Requirement	3
Choose from the following:	
ENG 31001 Fundamentals of English Grammar (3)	
31003 Linguistics (3)	
34004 British Literature, 1800-1900 (3)	
34005 British Literature, 1900-Present (3)	
V. Professional Coursework	72
C&I 47501 Teaching Mathematics in Early and Middle Grades . . . . .	.3
47502 Science Teaching in Early and Middle Grades . . .	.3
47503 Teaching Social Studies in Early and Middle Grades . . . . .	.3
47504 Teaching Reading and Writing in Middle Grades .3	
ECED 40105 Appropriate Phonics Instruction for Kindergarten and Primary Children . . . . .	.3
** 40126 Developmental Reading and Writing: Early Years . . . . .	.3
EDPF 29525 Educational Psychology . . . . .	.3
29535 Education in a Democratic Society . . . . .	.3
HED 42575 Health and Learning . . . . .	.3
ITEC 19525 Educational Technology . . . . .	.3
MCED 40007 Teaching Reading with Literature . . . . .	.3
SP&A 34104 Speech and Language Development . . . . .	.3
SPED* 23000 Introduction to Exceptionalities . . . . .	.3
43010 Family and Professional Collaboration . . . . .	.3
** 43020 Assessment in Special Education . . . . .	.3
43030 Classroom and Behavioral Management I . . . . .	.3
43031 Classroom and Behavioral Management II . . . . .	.3
43040 Language and Reading Special Education . . . . .	.3
43050 Characteristics of Students with Mild/Moderate Intervention Needs . . . . .	.3
43060 Curriculum/Methods Classroom Instruction: Mild/Moderate Intervention . . . . .	.3
43062 Curriculum Methods II: Mild/Moderate Intervention . . . . .	.3
43070 Planning and Programming for Transitions . . . . .	.3
43992 Field Experience Special Education . . . . .	.3
44092 Field Experience in Mild/Moderate Intervention . . .3	
VI. Student Teaching Block	12
SPED 43981 Student Teaching Special Education . . . . .	.9
49525 Inquiry into Professional Practice . . . . .	.3
TOTAL	129-130

*Course fulfills diversity requirement.

**Course fulfills writing-intensive requirement.

For Praxis II testing requirements and information, contact the Office of Student Services.

To meet the Highly Qualified Teacher (HQT) mandate under the No Child Left Behind Act, students should take the Reading Specialist Endorsement Praxis exam.

Moderate/Intensive Educational Needs Concentration

The moderate/intensive 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 moderate/intensive educational needs.

The Moderate/Intensive Educational Needs Intervention Specialist license is valid for teaching learners ages 5 through 21, and in grades kindergarten through 12, who have been identified with a disability that requires moderate to intensive intervention (e.g., developmental disabilities, multiple disabilities).

I. General College or University Requirements1

US 10097 First Year Colloquium1

II. Liberal Education Requirements41-42

A complete list of Liberal Education Requirements (LER) courses is on Pages 85-87.

Composition

ENG 11011 College Writing I3

ENG 21011 College Writing II3

Mathematics and Critical Reasoning

MATH 14001 Basic Mathematical Concepts I4

MATH 14002 Basic Mathematical Concepts II4

Humanities and Fine Arts

THEA* 11000 The Art of the Theatre3

Choose from the following:6

ENG 21054 Introduction to Shakespeare (3)

22071 Great Books I (3)

22072 Great Books II (3)

Social Sciences

Must be selected from two curricular areas.

PSYC 11762 General Psychology3

Social sciences LER course3

Basic Sciences6-7

Must include one laboratory course.

Additional LER Courses

COMM 15000 Introduction to Human Communication3

JMC * 20001 Media, Power and Culture3

Diversity Requirement

Students must complete a two-course diversity requirement, consisting of one with a domestic (U.S.) focus and one with a global focus. The domestic-focus course is fulfilled in this major with LER humanities THEA 11000, LER additional JMC 20001 or

the major requirement SPED 23000. A complete list of diversity courses is on Pages 89-91.

III. Writing-Intensive Requirement

Students must complete a one-course writing-intensive requirement and earn minimum C (2.0) grade. The writing-intensive requirement in this major may be fulfilled with ECED 40126 or SPED 43020. A complete list of writing-intensive courses is on Pages 93-95.

IV. Professional Coursework76

C&I 47501 Teaching Mathematics in Early and Middle Grades	3
47504 Teaching Reading and Writing in Middle Grades	3
ECED 40105 Appropriate Phonics Instruction for Kindergarten and Primary Children	3
** 40126 Developmental Reading and Writing: Early Years	3
EDPF 29525 Educational Psychology	3
29535 Education in a Democratic Society	3
HED 42575 Health and Learning	3
ITEC 19525 Educational Technology	3
PEP 25033 Lifespan Motor Development	3
SP&A 34104 Speech and Language Development	3
SPED 19201 American Sign Language I (or ASL 19201)	4
* 23000 Introduction to Exceptionalities	3
43010 Family and Professional Collaboration	3
** 43020 Assessment in Special Education	3
43030 Classroom and Behavioral Management I	3
43031 Classroom and Behavioral Management II	3
43040 Language and Reading Special Education	3
43051 Characteristics Moderate/Intensive	3
43061 Curriculum Methods, Moderate/Intensive	3
43063 Curriculum Methods II: Moderate/Intensive Intervention	3
43070 Planning Program for Transition	3
43080 Assistive Technology for Students with Disabilities	3
43992 Field Experience Special Education	3
44192 Field Experience for Moderate/Intensive Intervention Specialist	3
Choose from the following:	3
C&I 47502 Science Teaching in Early and Middle Grades (3)	
47503 Teaching Social Studies in Early and Middle Grades (3)	

V. Student Teaching Block12

SPED 43981 Student Teaching Special Education	9
49525 Inquiry into Professional Practice	3

TOTAL 130-131

*Course fulfills diversity requirement.

**Course fulfills writing-intensive requirement.

For Praxis II testing requirements and information, contact the Office of Student Services.

B.S.E. in Life Science

I. General College or University Requirements1

US 10097 First Year Colloquium	1
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II. Liberal Education Requirements38

Composition	
ENG 11011 College Writing I	3
21011 College Writing II	3

Mathematics and Critical Reasoning

MATH*11010 Algebra for Calculus	3
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Humanities and Fine Arts

COMM**26000 Criticism of Public Discourse	3
PHIL**11001 Introduction to Philosophy	3
Fine arts LER course	3

Social Sciences

PSYC 11762 General Psychology	3
SOC** 12050 Introduction to Sociology	3

Basic Sciences

PHY 11030 Seven Ideas that Shook the Universe	3
13001 General College Physics I	5

Additional LER Courses

COMM 15000 Introduction to Human Communication	3
SOC** 22778 Social Problems	3

Diversity Requirement

Students must complete a two-course diversity requirement, consisting of one with a domestic (U.S.) focus and one with a global focus. The domestic-focus course if fulfilled in this major with LER humanities COMM 26000, LER social sciences SOC 12050 or SPED 23000. The global-focus course is fulfilled in this major with LER additional SOC 22778 or LER humanities PHIL 11001. A complete list of diversity courses is on Pages 89-91.

III. Writing-Intensive Requirement

Students must complete a one-course writing-intensive requirement and earn minimum C (2.0) grade. This requirement is fulfilled in this major with ADED 32142 or GEOL 34061. A complete list of writing-intensive courses is on Pages 93-95.

IV. Mathematics Requirements10

MATH*11022 Trigonometry	2
12002 Analytic Geometry and Calculus I	5
Choose from the following:	3
MATH 10041 Elementary Probability and Statistics (3)	
30011 Basic Probability and Statistics (3)	

V. Major Requirements59

BSCI 10110 Biological Diversity	4
10120 Biological Foundations	4
20140 Cell Biology	4

30156	Elements of Genetics	3
30360	General Ecology	4
40163	Organic Evolution	3
CHEM 10060	General Chemistry I	4
10061	General Chemistry II	4
10062	General Chemistry I Laboratory	1
10063	General Chemistry II Laboratory	1
20481	Basic Organic Chemistry	4
30284	Introduction to Biological Chemistry	4
GEOG 41073	Conservation of Natural Resources	3
GEOL***34061	Invertebrate Paleontology	4
	<i>(Prerequisite is waived for life science majors.)</i>	
Choose from the following:		4
BSCI 20275	Local Flora (4)	
20560	Invertebrate Zoology (4)	
30518	Vertebrate Anatomy (4)	
Choose from the following:		4
BSCI 30030	Human Physiology (4)	
40430	General Physiology (4)	
Choose from the following:		4
BSCI 30580	Entomology (4)	
30582	Ornithology (4)	
40364	Limnology (4)	
40556	Vertebrate Zoology (4)	
VI. Professional Coursework		.27
ADED***32142	Principles of Teaching Adolescents	3
	<i>(Offered only in fall semester.)</i>	
32277	Teaching Science in Secondary School	3
	<i>(Offered only in spring semester.)</i>	
42277	Topics in Secondary School Science	3
42292	Field Work Practicum	3
C&I 47330	Reading and Writing in Adolescence/Adulthood	3
EDPF 29525	Educational Psychology	3
29535	Education in a Democratic Society	3
ITEC 19525	Educational Technology	3
SPED**23000	Introduction to Exceptionalities	3
VII. Student Teaching Block		.12
	<i>Offered only in spring semester.</i>	
ADED 42357	Secondary Student Teaching	9
49525	Inquiry into Professional Practice	3
	TOTAL	147

*Course may be waived with permission of the Department of Mathematical Sciences, or by passing the placement exam given by Academic Testing Services.

**Course fulfills diversity requirement.

***Course fulfills writing-intensive requirement.

For Praxis II testing requirements and information, contact the Office of Student Services.

See Pages 290-291 for additional information.

B.S.E. in Life Science/Chemistry

I. General College or University Requirements	.1	
US 10097	First Year Colloquium	1
II. Liberal Education Requirements	.40	
	Composition	
ENG 11011	College Writing I	3
21011	College Writing II	3
	Mathematics and Critical Reasoning	
MATH*11010	Algebra for Calculus	3
	Humanities and Fine Arts	
COMM**26000	Criticism of Public Discourse	3
PHIL**11001	Introduction to Philosophy	3
	Fine arts LER course	3
	Social Sciences	
PSYC 11762	General Psychology	3
SOC** 12050	Introduction to Sociology	3
	Basic Sciences	
PHY 13001	General College Physics I	5
13002	General College Physics II	5
	Additional LER Courses	
COMM 15000	Introduction to Human Communication	3
SOC** 22778	Social Problems	3
	Diversity Requirement	
	<i>Students must complete a two-course diversity requirement, consisting of one with a domestic (U.S.) focus and one with a global focus. The domestic-focus course is fulfilled in this major with LER humanities COMM 26000, LER social sciences SOC 12050 or SPED 23000. The global-focus course is fulfilled in this major with LER additional SOC 22778 or LER humanities PHIL 11001. A complete list of diversity courses is on Pages 89-91.</i>	
III. Writing-Intensive Requirement		
	<i>Students must complete a one-course writing-intensive requirement and earn minimum C (2.0) grade. This requirement is fulfilled in this major with ADED 32142 or GEOL 34061. A complete list of writing-intensive courses is on Pages 93-95.</i>	
IV. Mathematics Requirements	.10	
MATH*11022	Trigonometry	2
12002	Analytic Geometry and Calculus I	5
Choose from the following:		3
MATH 10041	Elementary Probability and Statistics (3)	
30011	Basic Probability and Statistics (3)	
V. Major Requirements	.52	
BSCI 10110	Biological Diversity	4
10120	Biological Foundations	4
20140	Cell Biology	4
30156	Elements of Genetics	3

30360	General Ecology	4
40163	Organic Evolution	3
CHEM 10060	General Chemistry I	4
10061	General Chemistry II	4
10062	General Chemistry I Laboratory	1
10063	General Chemistry II Laboratory	1
30101	Quantitative Analysis	2
30284	Introduction to Biological Chemistry	4
30360	Aqueous Descriptive Inorganic Chemistry	2
30475	Organic Chemistry I Laboratory	1
30481	Organic Chemistry I	3
GEOL ***34061	Invertebrate Paleontology	4
<i>(Prerequisite is waived for life science majors.)</i>		
Choose from the following:		
BSCI 30030	Human Physiology (4)	
40430	General Physiology (4)	
VI. Professional Coursework		.27
ADED***32142	Principles of Teaching Adolescents	3
<i>(Offered in fall semester only.)</i>		
32277	Teaching Science in Secondary Schools	3
<i>(Offered in spring semester only.)</i>		
42277	Topics in Secondary School Science	3
42292	Field Work Practicum	3
C&I 47330	Reading and Writing in Adolescence/Adulthood	.3
EDPF 29525	Educational Psychology	.3
29535	Education in a Democratic Society	.3
ITEC 19525	Educational Technology	.3
SPED 23000	Introduction to Exceptionalities	.3
VII. Student Teaching Block		.12
<i>Offered only in spring semester.</i>		
42357	Secondary Student Teaching	.9
49525	Inquiry into Professional Practice	.3
TOTAL		142

*Course may be waived with permission of the Department of Mathematical Sciences, or by passing the placement exam given by Academic Testing Services.

**Course fulfills diversity requirement.

***Course fulfills writing-intensive requirement.

For Praxis II testing requirements and information, contact the Office of Student Services.

See Pages 290-291 for additional information.

B.S.E. in Marketing Education

I. General College or University Requirements	1	
US 10097	First Year Colloquium	1

II. Liberal Education Requirements	36-37	
Composition	6	
ENG 11011	College Writing I	.3
21011	College Writing II	.3
Mathematics and Critical Reasoning	.3	
Humanities and Fine Arts		
HIST * 11050	History of Civilization I	.3
* 11051	History of Civilization II	.3
Fine arts LER course		.3
Social Sciences		
ECON 22060	Principles of Microeconomics	.3
PSYC 11762	General Psychology	.3
Basic Sciences	6-7	
<i>Must include one laboratory course.</i>		
Additional LER Courses		
COMM 15000	Introduction to Human Communication	.3
ECON 22061	Principles of Macroeconomics	.3
Diversity Requirement		
<i>Students must complete a two-course diversity requirement, consisting of one with a domestic (U.S.) focus and one with a global focus. One course must come from the LER. The domestic-focus course is fulfilled in this major with SPED 23000. The global-focus course is fulfilled with the LER humanities HIST 11050 or 11051. A complete list of diversity courses is on Pages 89-91.</i>		
III. Writing-Intensive Requirement		
<i>Students must complete a one-course writing-intensive requirement and earn a C (2.0) or higher. The requirement is fulfilled in this major with CTTE 46001. A complete list of writing-intensive courses is on Pages 93-95.</i>		
IV. Content Area Coursework	.33	
BUS 10123	Exploring Business	.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
Marketing electives		.9
V. Professional Education	.51	
C&I 47330	Reading and Writing in Adolescence	.3
CTTE 44618	Elements of Experienced-Based Education	.3
45372	Issues In Career Technical Education Subjects	.3
45377	Career and Technical Education: Advanced Methodologies	.3
** 46001	Organization of Career and Technical Education	.3
46015	Methods of Career and Technical Education	.3
46019	Coordination of Career Technical Cooperation Education Programs	.3

46020	Curriculum Guide Design and Application	. . . . .	.3
46031	Student Teaching in Career Technical Education	. . . . .	.9
49525	Inquiry into Professional Practice	. . . . .	.3
EDPF 29525	Educational Psychology	. . . . .	.3
29535	Education in a Democratic Society	. . . . .	.3
HED 42575	Health and Learning: Strategies for Students and Teachers	. . . . .	.3
ITEC 19525	Educational Technology	. . . . .	.3
SPED* 23000	Introduction to Exceptionalities	. . . . .	.3
TOTAL			121-122

*Course fulfills diversity requirement.

**Course fulfills writing-intensive requirement.

For Praxis II testing requirements and information, contact the Office of Student Services.

Minimum C (2.0) grade in all major coursework is required.

B.S.E. in 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.

As part of an enrollment management plan, middle childhood majors are admitted to the program on a selective basis. Faculty will select the most qualified applicants based upon evaluation of the standardized test scores, cumulative GPA at Kent State University and a personal interview with faculty. Due to the selective nature of this program, the minimum cumulative GPA is 2.75. Students should contact the Office of Student Services, 304 White Hall, during the first year of study to inquire into the procedures and criteria associated with admission to the middle childhood education program.

While it is possible to complete the B.S.E. in middle childhood education in four years by taking 16-18 credits each semester, it is more probable that 4.5 years will be needed for certain combinations of concentrations.

- I. **General College or University Requirements**1
 US 10097 First Year Colloquium1
- II. **Liberal Education Requirements**42
 A complete list of Liberal Education Requirements (LER) courses is on Pages 85-87.

Composition

ENG 11011	College Writing I	. . . . .	.3
21011	College Writing II	. . . . .	.3

Mathematics and Critical Reasoning

MATH 14001	Basic Mathematics Concepts I	. . . . .	.4
14002	Basic Mathematics Concepts II	. . . . .	.4

Humanities and Fine Arts

Minimum one course from humanities category and minimum one course from fine arts category.

Fine arts LER course	. . . . .	.3
Choose from the following:	. . . . .	.3

ENG 22071 Great Books I (3)

22072 Great Books II (3)

Choose from the following:3

Students in the social studies concentration must take HIST 12070.

HIST * 11050 History of Civilization I (3)

* 12070 History of the United States:

The Formative Period (3)

PAS * 23001 Black Experience I: Beginnings-1865 (3)

Social Sciences

GEOG* 17063	World Geography	. . . . .	.3
PSYC 11762	General Psychology	. . . . .	.3

Basic Sciences7

Students in all concentrations, except science, should take the following:

BSCI 10001 Human Biology (3)

Basic sciences laboratory course (1)

Choose one course from the following:

CHEM 10030 Chemistry in Our World (3)

GEOL 11040 Earth Dynamics (3)

21062 Environmental Geology (3)

21080 Oceanography (3)

PHY 11030 Seven Ideas that Shook the Universe (3)

21430 Frontiers in Astronomy (3)

Students in the science concentration should take the following two courses:

BSCI 10120 Biological Foundations (4)

CHEM 10030 Chemistry in Our World (3)

Additional LER Courses6

Students must select one course from the two concentrations they are pursuing.

Mathematics Concentration

MATH 11010 Algebra for Calculus (3)

Reading/Language Arts Concentration

COMM 15000 Introduction to Human Communications (3)

Science Concentration

PHY 11030 Seven Ideas that Shook the Universe (3)

Social Studies Concentration

ECON 22060 Principles of Microeconomics (3)

Diversity Requirement

Students must complete a two-course diversity requirement, consisting of one with a domestic (U.S.) focus and one with a global focus. The domestic-focus course is fulfilled in this major with SPED 23000 or with optional LER humanities HIST 12070. The global-focus courses is fulfilled in this major with LER social sciences GEOG 17063 or with optional LER humanities HIST 11050. A complete list of diversity courses is on Pages 89-91.

III. Writing-Intensive Requirement

Students must complete a one-course writing-intensive requirement and earn minimum C (2.0) grade. This requirement is fulfilled in this major with MCED 40006. A complete list of writing-intensive courses is on Pages 93-95.

IV. Professional Coursework43

EDPF 29525 Educational Psychology 3
 29535 Education in a Democratic Society 3
 HED 42575 Health and Learning: Strategies
 for Students and Teachers 3
 ITEC 19525 Educational Technology 3
 MCED 40005 Effective Use of Phonics in Reading 3
 SPED* 23000 Introduction to Exceptionalities 3

Block I

Courses in Block I must be taken together in same semester.
 CHDS 20092 Field Experience I: Middle Childhood 1
 HDF5 24013 Early Adolescence 3

Block II

Introductory methods block. Offered only during the fall semester.
 Any additional courses taken must be scheduled in the evening.
 MCED 30001 Teaching Mathematics in Middle Childhood I . . . 3
 30002 Integrated Social Studies and Science in
 Middle Childhood 3
 31000 Teaching and Learning in Middle Childhood . . . 3
 ** 40006 Reading and Writing in Middle Childhood 6

Block III

Second methods block. Offered only during the spring semester.
 MCED 40007 Teaching Reading with Literature in
 Middle Childhood 3
 41000 Curriculum and Organization in
 Middle Childhood 3

V. Student Teaching Semester12

MCED 42358 Student Teaching Middle Childhood 9
 49525 Inquiry into Professional Practice 3

VI. Choose two concentrations (see below)30-43

TOTAL 128-143

*Course fulfills diversity requirement.
 **Course fulfills writing-intensive requirement

Minimum C (2.0) grade is required in all concentration area coursework including Liberal Education Requirements (LER)

required in the chosen concentration areas for middle childhood education majors and for those following the combined gifted/middle childhood education program.

For Praxis II testing requirements and information, contact the Office of Student Services.

Mathematics Concentration

MATH 11022 Trigonometry2
 12002 Analytic Geometry and Calculus I5
 34001 Fundamental Concepts of Algebra3
 34002 Fundamental Concepts of Geometry3
 MCED 40001 Teaching Mathematics in Middle Childhood II . . .3
 Choose from the following:3
 MATH 10041 Elementary Probability and Statistics (3)
 30011 Basic Probability and Statistics (3)
 Choose from the following:3-5
 MATH 12003 Analytic Geometry and Calculus II (5)
 21001 Linear Algebra with Applications (3)
 31011 Discrete Mathematics (3)

See faculty before taking LER math requirement, MATH 14002.
 Upper-division mathematics courses may be substituted with approval by math education faculty.

22-24

Reading/Language Arts Concentration

ENG 25002 Literature in English II3
 Choose from the following:3
 ENG * 21001 Introduction to Ethnic Literature of the U.S. (3)
 * 21002 Introduction to Women's Literature (3)
 Choose from the following:3
 ENG 31001 Fundamentals of English Grammar (3)
 31003 Linguistics (3)
 Choose from the following:3
 COMM*26000 Criticism of Public Discourse (3)
 JMC * 20001 Media, Power and Culture (3)

12

Science Concentration

MCED 40002 Teaching Science in Middle Childhood II3
 Choose from the following:3
 ANTH 18630 Human Evolution (3)
 BSCI 10002 Ecology, Evolution and Society (3)

Physical Science

Choose one series:5

CHEM 10060 General Chemistry I (4)
 10062 General Chemistry I Laboratory (1)
 or

PHY 13001 General College Physics I (5)

Earth Sciences

Choose one series:4

GEOL 11040 Earth Dynamics (3)
 11041 Earth Dynamics Laboratory (1)
 or
 11042 Earth History (3)
 11043 Earth History Laboratory (1)

Science Electives

Choose from the following: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)

18-19

For Praxis II testing requirements and information, contact the Office of Student Services.

Social Studies Concentration

HIST * 11050 History of Civilization I3
 HIST * 11051 History of Civilization II3
 MCED 40003 Teaching Social Studies in Middle
 Childhood II3
 POL 10100 American Politics3
 Choose from the following:3
 ANTH* 18210 Introduction to Cultural Anthropology (3)
 SOC * 12050 Introduction to Sociology (3)
 Choose from the following:3
 POL * 10500 World Politics (3)
 30520 European Politics (3)
 * 30540 African Politics (3)
 * 30550 Latin American Politics (3)
 Choose from the following:3
 ANTH 38250 Religion: A Search for Meaning (3)
 48210 Culture and Communication (3)

* 48260 Culture Conflict (3)
 48270 Native Peoples of North America (3)
 GEOG 37010 Geography of Ohio (3)
 * 37040 Geography of Africa (3)
 * 37070 Geography of East and Southeast Asia (3)
 * 37084 Geography of South America (3)
 * 37085 Geography of Central America and Mexico (3)
 HIST 31061 History of Ohio (3)
 31126 History of the Middle East (3)
 31130 History of African Civilization (3)
 31140 Modern Latin America (3)
 ** 42297 Colloquium: China and Japan (3)

21

*Course fulfills diversity requirement.

**Course fulfills writing-intensive requirement.

For Praxis II testing requirements and information, contact the Office of Student Services.

B.S. in Nutrition and Food

The Bachelor of Science in Nutrition and Food offers two concentrations: hospitality management and nutrition and dietetics.

Hospitality Management Concentration

This program prepares graduates for management careers in restaurant and hospitality organizations. Liberal, technical and professional education, with an emphasis on business management, integrates theory with practical application to prepare students for future career demands. Students develop proficiency in managerial skills and food production. In addition to varied laboratory experiences throughout the program, seniors complete a supervised management practicum.

Three organizations are available for students: a branch of the International Food Service Executives Association, which promotes contacts between students and executives of the food service industry; the Club Managers Association for students interested in management of clubs and organizations; and for students interested in expressing their creativity, the Ice Carving Club.

Admission to the professional program (all upper-division hospitality management courses) is controlled. To be admitted to the professional program, students must show evidence of having met the following requirements:

- Overall GPA of 2.00
- Valid standard first aid certificate

- Valid CPR certificate
- 400 approved work hours within the food service industry
- Ohio Certified Manager status
- Completion of the following courses: HM 13022, 13023, 13024 and 23023

I. General College or University Requirements	1
US 10097 First Year Colloquium	1
II. Liberal Education Requirements	36-37
<i>A complete list of Liberal Education Requirements (LER) courses is on Pages 85-87.</i>	
Composition	
ENG 11011 College Writing I	3
21011 College Writing II	3
Mathematics and Critical Reasoning	3
Humanities and Fine Arts	9
<i>Minimum one course from humanities category and minimum one course from fine arts category.</i>	
Social Sciences	6
<i>Must be selected from two curricular areas.</i>	
ECON 22060 Principles of Microeconomics	3
LER course	3
Basic Sciences	6-7
<i>Must include one laboratory course.</i>	
Additional LER Courses	6
COMM 15000 Introduction to Human Communication	3
ECON 22061 Principles of Macroeconomics	3
Diversity Requirement	
<i>Students must complete a two-course diversity requirement, consisting of one course with a domestic (U.S.) focus and one with a global focus. The domestic-focus course is fulfilled in this major with HDFS 24011. A complete list of diversity courses is on Pages 89-91.</i>	
III. Writing-Intensive Requirement	
<i>Students must complete a one-course writing-intensive requirement and earn minimum C (2.0) grade. This requirement is fulfilled in this major with HM 43027. A complete list of writing-intensive courses is on Pages 93-95.</i>	
IV. General Requirement	3
ENG 30063 Business and Professional Writing	3
V. Hospitality Management Requirements	54-59
HM 13022 Sanitation and Safety	3
13023 Techniques of Food Production I	5
13024 Introduction to Hospitality Management	2
23023 Techniques of Food Production II	4
23030 Lodging Operations	3
33020 Legal Issues in the Hospitality Industry	3
33026 Hospitality Cost Control and Analysis	5
33028 Hospitality Purchasing	3
33029 Catering and Banquet Preparation and Service	5

43025 Hospitality Marketing	3
* 43027 Hospitality Human Resource Management	3
43031 Layout and Design of Food Service Operations	3
43092 Practicum/Hospitality Management	3-6
NUTR 23511 Nutrition Related to Health	3
Professional electives, choose from the following:	6-8
FIN 36053 Business Finance (3)	
HDFS**24011 Interpersonal Relationships and Families (3)	
HM 33035 Hospitality Service Quality Management (3)	
33036 Club Management (3)	
33040 Hotel Convention Group Sales and Services (3)	
41093 Workshop (2-5)	
41095 Special Topics (1-4)	
43029 Hospitality Financial Policy (3)	
43040 Strategic Lodging Management (3)	
43043 Hospitality Meetings Management (3)	
RPTM 36060 Commercial Recreation and Tourism (3)	
46000 Tourism Development and Recreational Travel (3)	
VI. Business	15
ACCT 23020 Introduction to Financial Accounting	3
M&IS 24053 Introduction to Computer Applications	3
24163 Principles of Management	3
34180 Human Resource Management	3
MKTG 25010 Marketing	3
VII. General electives	6-12
<i>Elective credit hours vary depending on practicum hours chosen.</i>	
TOTAL	121

*Course fulfills writing-intensive requirement.

**Course fulfills diversity requirement.

Minimum of 39 upper-division hours required.

American Assembly of Collegiate Schools of Business accreditation standards prohibit nonbusiness majors from taking more than 25 percent of their degree requirements in business courses. Therefore, no more than 30 semester credit hours may be counted toward stated degree requirements.

Nutrition and Dietetics Concentration

Nutrition and dietetics provides preparation for careers as registered dietitians in medical and health care centers, public health agencies, industries and universities. The curriculum meets the Didactic Program in Dietetics requirements of the American Dietetic Association (ADA), and graduates are eligible for admission to accredited internships. Affiliate membership in the ADA is available to students electing this option.

I. General College or University Requirements	1
US 10097 First Year Colloquium	1
II. Liberal Education Requirements	41
<i>A complete list of Liberal Education Requirements (LER) courses is on Pages 85-87.</i>	
Composition	
ENG 11011 College Writing I	3
21011 College Writing II	3
Mathematics and Critical Reasoning	
MATH 11009 Modeling Algebra	4
Humanities and Fine Arts	
<i>Minimum one course from humanities category and minimum one course from fine arts category.</i>	
COMM *26000 Criticism of Public Discourse	3
Humanities and/or fine arts courses	6
Social Sciences	
PSYC 11762 General Psychology	3
SOC * 12050 Introduction to Sociology	3
Basic Sciences	
BSCI 20020 Biological Structure and Function	5
CHEM 10060 General Chemistry I	4
Additional LER Courses	
CHEM 10061 General Chemistry II	4
COMM 15000 Introduction to Human Communication	3
Diversity Requirement	
<i>Students must complete a two-course diversity requirement, consisting of one course with a domestic (U.S.) focus and one with a global focus. One course must come from the LER. The domestic-focus course is fulfilled in this major with HDFS 24011. A complete list of diversity courses is on Pages 89-91.</i>	
III. Writing-Intensive Requirement	
<i>Students must complete a one-course writing-intensive requirement and earn minimum C (2.0) grade. This requirement is fulfilled in this major with NUTR 43013. A complete list of writing-intensive courses is on Pages 93-95.</i>	
IV. English Requirement	3
ENG 20002 Introduction to Technical Writing	3
V. Sciences	15
BSCI 20021 Basic Microbiology	3
30030 Human Physiology	4
CHEM 20481 Basic Organic Chemistry	4
30284 Introductory Biological Chemistry	4
VI. Business	9
M&IS 24053 Introduction to Computer Applications	3
24163 Principles of Management	3
34180 Human Resource Management	3
VII. Nutrition and Dietetics Requirements	45
HDFS* 24011 Interpersonal Relationships and Families	3
HM 23012 Food Study	3
43030 Food Service Systems Management	3

43032 Food Production and Service Management	3
NUTR 23511 Nutrition Related to Health	3
33512 Nutrition	3
33522 Applied Nutrition	3
** 43013 Experimental Methods in Nutrition	3
43016 Cultural Aspects of Food, Nutrition and Health	3
43513 Advanced Nutrition	3
43514 Clinical Dietetics	5
43515 Community Nutrition	3
43518 Maternal and Child Nutrition	3
43520 Nutrition for Fitness	3
43523 Nutrition and Dietetics Professional Practice	1
VIII. General Electives	11
TOTAL	125

*Course fulfills diversity requirement.

**Course fulfills writing-intensive requirement.

Minimum of 39 upper-division hours required for graduation.

B.S. in Physical Education

The Bachelor of Science in Physical Education program offers four concentrations: exercise sciences, health and physical education, human movement studies and teacher education. Only the teacher education and health and physical education concentrations lead to kindergarten-through-grade-12 teaching licensure in Ohio.

I. General College or University Requirements	1
US 10097 First Year Colloquium	1
II. Liberal Education Requirements	36-41
<i>A complete list of Liberal Education Requirements (LER) courses is on Pages 85-87.</i>	
Composition	
<i>Students pursuing teacher licensure must earn minimum C (2.0) grade in both courses.</i>	
ENG 11011 College Writing I	3
21011 College Writing II	3
Mathematics and Critical Reasoning	
<i>Students pursuing teacher licensure must establish mathematical competence, and should see their advisor for details. Students in the exercise sciences concentration must take the following:</i>	
Choose from the following:	3-4
MATH 11009 Modeling Algebra (4)	
11010 Algebra for Calculus (3)	
Humanities and Fine Arts	9
<i>Minimum one course from humanities category and minimum one course from fine arts category.</i>	

Social Sciences

Must be selected from two curricular areas.

PSYC 11762 General Psychology 3
 Social sciences LER course 3

Basic Sciences 6-10

Must include one laboratory course. Students pursuing concentrations other than the exercise sciences must take 6-7 credit hours. Students in the exercise sciences concentration must choose from the following depending on option:

Exercise physiology option (10)

CHEM 10060 General Chemistry I (4)
 10061 General Chemistry II (4)
 10062 General Chemistry I Laboratory (1)
 10063 General Chemistry II Laboratory (1)

Exercise specialist option (6)

CHEM 10050 Fundamentals of Chemistry (3)
 10052 Introduction to Organic Chemistry (2)
 10053 Inorganic and Organic Laboratory (1)

Additional LER Courses 6

Courses must be selected from two categories, above. COMM 15000 Introduction to Human Communication and PHIL 11009 Principles of Thinking may also be taken within this category. Students choosing the exercise physiology option need only one course. Students choosing the Health and Physical Education concentration must take COMM 15000.

Diversity Requirement

Students must complete a two-course diversity requirement, consisting of one with a domestic (U.S.) focus and one with a global focus. PEP 25059 in the major requirements fulfills the domestic focus. A complete list of diversity courses is on Pages 89-91.

III. Writing-Intensive Requirement

Students must complete a one-course writing-intensive requirement and earn a C (2.0) or higher. PEP 35010 or 35065 in the major requirements fulfills this requirement. A complete list of writing-intensive courses is on Pages 93-95.

IV. Major Requirements 20

PEP 15010 Introduction to Physical Education, Fitness and Sport 2
 25033 Lifespan Motor Development 3
 25057 Human Anatomy and Physiology I 3
 ** 25059 Sport in Society 3
 *** 35010 Psychological Dimensions of Motor Behavior ... 3
 35054 Biomechanics 3
 ** 35065 History and Philosophy of Sport and Physical Activity 3

V. Choose one concentration (see below) 62-110

TOTAL 121-165

*Course is required for students pursuing the health and physical education concentration and is an option for students pursuing the exercise sciences concentration.

**Students in health and physical education have the option to take either PEP 25059 or 35065. PEP 25059 fulfills diversity requirement. PEP 35065 fulfills writing-intensive requirement.

***Course fulfills writing-intensive requirement.

Exercise Sciences Concentration

A minor and/or electives may be selected to meet the students' personal interests as well as to enhance their professional preparation. Students interested in research careers in exercise physiology should consult with their advisor about enhancing their science preparation. If a minor is included, total coursework may exceed the minimum 121 credit hours required for graduation.

Movement Experiences 8

PEB 10035 Lifetime Fitness 2
 12424 Exercise and Weight Control 1
 Physical education basic electives 4
 PEP 15018 Development of Swimming and Aquatic Skills ... 1

Choose one of the following options: 27-30

Exercise Physiology Option (27)

ATTR 25036 Principles of Athletic Training (3)
 CHEM 20481 Basic Organic Chemistry (4)
 30284 Introductory Biological Chemistry (4)
 NUTR 33512 Nutrition (3)
 PEP 25058 Human Anatomy and Physiology II (3)
 25068 Measurement and Evaluation in Fitness and Sport (3)
 45080 Physiology of Exercise (3)
 45091 Senior Seminar (1)
 45096 Individual Investigation in Physical Education (3)

Exercise Specialist Option (30)

ATTR 25036 Principles of Athletic Training (3)
 CHEM 20284 Physiological Chemistry (4)
 NUTR 33512 Nutrition (3)
 PEP 25058 Human Anatomy and Physiology II (3)
 25068 Measurement and Evaluation in Fitness and Sport (3)
 35075 Exercise Programming (3)
 45065 Exercise Testing (3)
 45080 Physiology of Exercise (3)
 45490 Internship Seminar (1)
 45492 Internship in Physical Fitness/Cardiac Rehabilitation (4)

Guided electives 25-27

62-63

Health and Physical Education Concentration

A combined health and physical education concentration in the physical education major is available to students who are seeking Ohio teacher licensure in both areas. The program is designed to be completed in five years and can allow students to satisfy up to 12 credit hours of program requirements with graduate courses. Successful completion of Praxis I and minimum 2.75 GPA overall is required for admission to advanced study, student teaching and graduation. Students must earn a minimum C (2.0) in all HED and PEP courses.

Health Education Requirements27

HED	11570	Personal Health	. . . . .3
	11590	Community Health	. . . . .3
	21030	Introduction to Health Education	. . . . .3
	21050	Health Behavior and Advocacy	. . . . .3
	32530	Drug Use and Misuse	. . . . .3
	32544	Human Sexuality	. . . . .3
	44544	Sexual Health Promotion	. . . . .3
	44550	Drug Abuse and Violence Prevention	. . . . .3
NUTR	23511	Nutrition Related to Health	. . . . .3

Health Physical Education Movement Experiences11

PEP	15013	Development and Analysis of Dance	. . . . .2
	15014	Development and Analysis of Gymnastic Skills	. . .1
	15015	Development and Analysis of Game Performance I	2
	15016	Development and Analysis of Game Performance II	3
	15017	Fundamental Locomotor and Manipulative Skills	. . .1
	15018	Development of Swimming and Aquatics Skills	. . .1
	15019	Development and Analysis of Track and Field	. . .1

Health and Physical Education Professional Requirements57

ATTR	35025	Essentials of Athletic Injury Management	. . . . .1
C&I	47330	Reading and Writing in Adolescence/Adulthood	. . .3
EDPF	29525	Educational Psychology	. . . . .3
	29535	Education in a Democratic Society	. . . . .3
HED	20000	Health Education for Early Childhood	. . . . .3
	32542	Methods and Applications of Health Education	. . .5
	34050	Program Planning and Evaluation in Health	. . . . .3
	42041	Health Counseling	. . . . .3
	44543	Administration of School Health Programs	. . . . .3
ITEC	19525	Educational Technology	. . . . .3
PEP	25025	Teaching in Physical Education	. . . . .3
	25026	Overview of Outdoor Pursuits and Adventure Education	. . . . .3
	25068	Measurement and Evaluation in Fitness and Sport	. . . . .3
	45037	Adapted Physical Education	. . . . .3
	45051	Elementary School Physical Education Methods	. . .3
	45053	Elementary School Physical Education Content	. . .3

	45058	Secondary School Physical Education Methods	. . .3
	45059	Secondary School Physical Education Content	. . .3
SPED	23000	Introduction to Exceptionalities	. . . . .3
Student Teaching Block			.15

EDUC	49525	Inquiry into Professional Practice in Health and Physical Education	. . . . .3
	49526	Student Teaching in Health/Physical Education	.12

110

Students must gain admission to advanced study prior to taking upper-division professional education coursework, including methods courses.

For Praxis II testing requirements and information, contact the Office of Student Services.

Human Movement Studies Concentration

The human movement concentration provides a liberal education approach with the major in physical education and the opportunity for coursework in related fields. An approved minor is required.

Movement Experiences8

PEP	15018	Development of Swimming and Aquatic Skills	. . .1
		Physical education basic or professional movement electives	. . .7

Concentration Requirements15

PEP	25058	Human Anatomy and Physiology II	. . . . .3
	25068	Measurement and Evaluation in Fitness and Sport	. . . . .3
	45015	Psychology of Coaching	. . . . .3
	45037	Adapted Physical Education	. . . . .3
		Choose from the following:	. . . . .3
PEP	45092	Internship in Physical Education (3)	
	45096	Individual Investigation in Physical Education (3)	

Approved minor and electives41

64

Minimum 39 upper-division credit hours required for graduation, of which 18 must be in the concentration and 21 in the minor and electives.

Teacher Education Concentration

This professional program requires successful completion of Praxis I, minimum 2.75 GPA for all coursework at Kent State University and minimum 2.75 GPA in major for admission to advanced study, student teaching and graduation. Students must earn minimum C (2.0) grade in all PEB and PEP courses.

Movement Experiences11

PEP 15013 Development and Analysis of Dance 2

15014 Development and Analysis of Gymnastics 1

15015 Development and Analysis of
Game Performance I 2

15016 Development and Analysis of
Game Performance II 3

15017 Fundamental Motor Skills 1

15018 Development of Swimming and Aquatic Skills .. 1

15019 Development and Analysis of Track and Field ... 1

Teacher Education Professional Requirements42

ATTR 35025 Essentials of Athletic Injury Management 1

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

EDPF 29525 Educational Psychology 3

29535 Education in a Democratic Society 3

ITEC 19525 Educational Technology 3

PEB 10035 Lifetime Fitness 2

PEP 25025 Teaching in Physical Education 3

25026 Overview of Outdoor Pursuits
and Adventure Education 3

25068 Measurement and Evaluation in
Fitness and Sport 3

45037 Adapted Physical Education 3

45051 Elementary School Physical
Education Methods 3

45053 Elementary School Physical Education Content .3

45058 Secondary School Physical Education Methods .3

45059 Secondary School Physical Education Content .. 3

SPED 23000 Introduction to Exceptionalities 3

Student Teaching Block15

PEP 49525 Inquiry into Professional Practice
in Physical Education 3

49526 Student Teaching in Physical Education 12

68

Students must gain admission to advanced study prior to taking upper-division professional education coursework, including methods courses.

For Praxis II testing requirements and information, contact the Office of Student Services.

B.S.E. in Physical Science

I. General College or University Requirements 1

US 10097 First Year Colloquium 1

II. Liberal Education Requirements38

Composition

ENG 11011 College Writing I 3

21011 College Writing II3

Mathematics and Critical Reasoning

MATH*11010 Algebra for Calculus 3

Humanities and Fine Arts

COMM**26000 Criticism of Public Discourse 3

PHIL**11001 Introduction to Philosophy 3

Fine arts LER course 3

Social Sciences

PSYC 11762 General Psychology 3

SOC** 12050 Introduction to Sociology 3

Basic Sciences

CHEM 10060 General Chemistry I 4

10062 General Chemistry I Laboratory 1

PHY 11030 Seven Ideas that Shook the Universe 3

Additional LER Courses

COMM 15000 Introduction to Human Communication 3

SOC** 22778 Social Problems 3

Diversity Requirement

Students must complete a two-course diversity requirement, consisting of one with a domestic (U.S.) focus and one with a global focus. The domestic-focus course is fulfilled in this major with LER humanities COMM 26000, LER social sciences SOC 12050 or SPED 23000. The global-focus course is fulfilled in this major with LER additional SOC 22778 or LER humanities PHIL 11001. A complete list of diversity courses is on Pages 89-91.

III. Writing-Intensive Requirement

Students must complete a one-course writing-intensive requirement and earn minimum C (2.0) grade. This requirement is fulfilled in this major with ADED 32142 or PHY 30020. A complete list of writing-intensive courses is on Pages 93-95.

IV. Mathematics Requirements12

MATH*11022 Trigonometry 2

12002 Analytic Geometry and Calculus I 5

12003 Analytic Geometry and Calculus II 5

V. Major Requirements:53

BSCI 10120 Biological Foundations 4

CHEM 10061 General Chemistry II 4

10063 General Chemistry II Laboratory 1

20481 Basic Organic Chemistry I 4

30101 Quantitative Analysis 2

30284 Introduction to Biological Chemistry 4

30360 Aqueous Descriptive Inorganic Chemistry 2

40567 Basics of Physical Chemistry 4

GEOG 31062 Meteorology 3

GEOL 41025 Geophysics 3

PHY 23101 General University Physics I 5

23102 General University Physics II 5

*** 30020 Intermediate Physics Laboratory 2

32511 Electronics 4

36001 Modern Physics I 3

Choose from the following:	3
PHY 21430 Frontiers in Astronomy (3)	
24001 Astronomy (3)	
VI. Professional Coursework	27
ADED***32142 Principles of Teaching Adolescents	3
(Offered only in fall semester.)	
32277 Teaching Science in Secondary School	3
(Offered only in spring semester.)	
42277 Topics in Secondary School Science	3
42292 Field Work Practicum	3
C&I 47330 Reading and Writing in Adolescence/Adulthood	3
EDPF 29525 Educational Psychology	3
29535 Education in a Democratic Society	3
ITEC 19525 Educational Technology	3
SPED**23000 Introduction to Exceptionalities	3
VII. Student Teaching Block	12
(Offered only in spring semester.)	
ADED 42357 Secondary Student Teaching	9
49525 Inquiry into Professional Practice	3
TOTAL	143

*Course may be waived with permission of the Department of Mathematical Sciences, or by passing the placement exam given by Academic Testing Services.

**Course fulfills diversity requirement.

***Course fulfills writing-intensive requirement.

For Praxis II testing requirements and information, contact the Office of Student Services.

See Pages 290-291 for additional information.

B.S. in Recreation, Park and Tourism Management

The Bachelor of Science in Recreation, Park and Tourism Management is designed to provide students with an academic foundation and field experiences for preparation in the recreation and leisure services profession.

Students can select from one of two concentrations: recreation and park management and tourism management.

Students must have a 2.25 GPA overall prior to being accepted into the major and a 2.50 overall GPA to declare the business minor.

I. General College or University Requirements	1
US 10097 First Year Colloquium	1
II. Liberal Education Requirements	36-37

A complete list of Liberal Education Requirements (LER) courses is on Pages 85-87.

Composition	6
ENG 11011 College Writing I (3)	
21011 College Writing II (3)	
Mathematics and Critical Reasoning	3
Humanities and Fine Arts	9
Minimum one course must be selected from each humanities category and fine arts category.	
Social Sciences	6
Must be selected from two curricular areas.	
PSYC 11762 General Psychology (3)	
ECON 22060 Principles of Microeconomics (3)	
Basic Sciences	6-7
Must include one laboratory course.	
Additional LER Courses	6
ECON 22061 Principles of Macroeconomics	3
Choose from the following:	3
LER course from above categories (3)	
COMM 15000 Introduction to Human Communication (3)	
PHIL 11009 Principles of Thinking (3)	
III. Diversity Requirement	
Students must complete a two-course diversity requirement, consisting of one with a domestic (U.S.) focus and one with a global focus. RPTM 36040 in the major requirements fulfills the domestic focus. A complete list of diversity courses is on Pages 89-91.	
IV. Writing-Intensive Requirement	
Students must complete a one-course writing-intensive requirement and earn a C (2.0) or higher. RPTM 46030 in the major requirements fulfills this requirement. A complete list of writing-intensive courses is on Pages 93-95.	
V. Major Requirements	43
PEP 25068 Measurement of Evaluation in Fitness and Sport	3
RPTM 16000 Foundations of Recreation and Leisure	3
26030 Recreation Group Leadership	3
* 36040 Inclusion of People With Disabilities in Leisure Services	3
36075 Program Design and Evaluation	3
** 46030 Dynamics of Leisure Behavior	3
46060 Administration of Leisure Services	3
46070 Park Planning	3
46071 Maintenance and Operation of Areas and Facilities	3
46080 Legal Issues in Sport and Recreation	3
46091 Seminar in Internship Preparation	1
46092 Internship in Recreation	12
VI. Choose one concentration (see below)	40-41
TOTAL	121-122

*Course fulfills diversity requirement.

***Course fulfills writing-intensive requirement.*

Minimum 121 semester hours and 39 upper-division credit hours required for graduation.

Minimum 2.25 GPA in major and 2.00 GPA overall required for graduation.

Major GPA includes major requirements, movement experiences and any additional RPTM courses.

Only general elective courses may be taken as pass/fail, of which maximum 12 credit hours may be taken as pass/fail.

Recreation and Park Management Concentration

The recreation and park management concentration focuses on recreation and leisure services in public, community and outdoor settings.

Concentration Requirements .....	.28
ACCT 23020 Introduction to Financial Accounting .....	.3
HDFS 41093 Workshop: Human Development and Family Studies .....	.3
M&IS 24053 Introduction to Computer Applications .....	.3
RPTM 26010 Community Development in Recreation .....	.3
26081 Principles of Outdoor Recreation .....	.3
36010 Recreation, Leisure and Aging .....	.3
36081 Adventure Education .....	.3
36085 Leisure and Culture .....	.3
36192 Practicum in Leisure Services Management .....	.1
Physical education basic electives .....	.3
Electives .....	.12-13
	40-41

Tourism Management Concentration

The tourism management concentration focuses on services in tourism industries and sustainable destination development.

Concentration Requirements .....	.21
HM 13024 Introduction to Hospitality Management .....	.2
RPTM 26060 Introduction to Global Tourism .....	.3
26081 Principles of Outdoor Recreation .....	.3
36060 Commercial Recreation and Tourism .....	.3
36192 Practicum in Leisure Services Management .....	.1
46000 Tourism Development and Recreational Travel .....	.3
SPAD 45022 Event Planning and Production .....	.3
Physical education basic electives .....	.3

Electives .....	.1-2
Business minor (see requirements on Page 248) .....	.18
	40-41

B.S.E. in School Health (K-12 Licensure)

I. General College or University Requirements .....	.1
US 10097 First Year Colloquium .....	.1
II. Liberal Education Requirements .....	.36-37
<i>A complete list of Liberal Education Requirements (LER) courses is on Pages 85-87.</i>	
Composition	
ENG 11011 College Writing I .....	.3
21011 College Writing II .....	.3
Mathematics and Critical Reasoning	
Humanities and Fine Arts	
<i>Minimum one course from humanities category and minimum one course from fine arts category.</i>	
Fine arts and/or humanities LER courses .....	.6
Choose from the following: .....	.3
PHIL * 11001 Introduction to Philosophy (3)	
* 21001 Introduction to Ethics (3)	
Social Sciences	
<i>Must be selected from two curricular areas.</i>	
PSYC 11762 General Psychology .....	.3
Social sciences LER course .....	.3
Basic Sciences	
<i>Must include one laboratory course.</i>	
BSCI 10001 Human Biology .....	.3
Basic sciences course and laboratory .....	.3-4
Additional LER Courses	
COMM 15000 Introduction to Human Communication .....	.3
PSYC 20651 Child Psychology .....	.3
Diversity Requirement	
<i>Students must complete a two-course diversity requirement, consisting of one with a domestic (U.S.) focus and one with a global focus. The domestic-focus course is fulfilled in this major with SPED 23000. The global-focus course may be fulfilled in this major with LER humanities PHIL 11001 or 21001. A complete list of diversity courses is on Pages 89-91.</i>	
III. Writing-Intensive Requirement	
<i>Students must complete a one-course writing-intensive requirement and earn a minimum C (2.0) grade. This requirement is fulfilled in this major with HED 32542. A complete list of writing-intensive courses is on Pages 93-95.</i>	
IV. Major Requirements .....	.49
HED 11570 Personal Health .....	.3
11590 Community Health .....	.3
20000 Health Education for Early Childhood .....	.3
21030 Introduction to Health Education .....	.3

21050	Health Behavior	.3
32530	Drug Use and Misuse	.3
** 32542	Methods and Applications of Health Education	.5
32544	Human Sexuality	.3
34050	Program Planning and Evaluation in Health Education	.3
42041	Health Counseling	.3
44543	Administration of School Health Programs	.3
44550	Drug Abuse and Violence Prevention	.3
44544	Sexual Health Promotion	.3
Health education electives, choose from the following: .8		
HED 32575	Consumer Health (3)	
34060	Small Group Process (2)	
42575	Health and Learning: Strategies for Students and Teachers (3)	
44025	Women's Health Issues (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)	
V. Other Coursework		.11
NUTR 23511	Nutrition Related to Health	.3
PEB 10035	Lifetime Fitness	.2
SPED* 23000	Introduction to Exceptionalities	.3
Choose from the following: .3		
ITEC 47427	Technology and Learning (3)	
47430	Computer Applications in Education (3)	
VI. Professional Coursework		.24
C&I 47330	Reading and Writing in Adolescence	.3
EDPF 29525	Educational Psychology	.3
29535	Education in a Democratic Society	.3
HED 42358	Student Teaching in Health Education	.9
49525	Inquiry into Professional Practice	.3
ITEC 19525	Educational Technology	.3
TOTAL		121-122

*Course fulfills diversity requirement.

**Course fulfills writing-intensive requirement.

Students must receive minimum C (2.0) grade in all major coursework, including BSCI 10001, COMM 15000, PHIL 11001 or 21001, PSYC 11762 and 20651 LER courses, to graduate.

For Praxis II testing requirements and information, contact the Office of Student Services.

B.S.E. in School Health Education (Pre-K-12 Licensure)

Health and Physical Education Concentration

A combined health and physical education concentration in the school health education major is available to students who are seeking Ohio teacher licensure in both areas. The program is designed to be completed in five years and can allow students to satisfy up to 12 hours of program requirements with graduate courses. A 2.75 GPA is required for admission to and continuation in this program.

- I. General College or University Requirements**1
US 10097 First Year Colloquium1
- II. Liberal Education Requirements**36-37

A complete list of Liberal Education Requirements (LER) courses is on Pages 85-87.

Composition

Students pursuing teacher licensure must earn minimum C (2.0) grade in both courses.

- ENG 11011 College Writing I3
21011 College Writing II3

Mathematics and Critical Reasoning

Students pursuing teacher licensure must establish mathematical competence and should see their advisor for details.

Humanities and Fine Arts

Minimum one course from humanities category and minimum one course from fine arts category.

Social Sciences

Must be selected from two curricular areas.

- PSYC 11762 General Psychology3
Social sciences LER course3

Basic Sciences

Must include one laboratory course.

Additional LER Courses

Must be selected from two categories.

- COMM 15000 Introduction to Human Communication3
Choose from the following:3

LER course from above categories (3)

- PHIL 11009 Principles of Thinking (3)

Diversity Requirement

Students must complete a two-course diversity requirement, consisting of one with a domestic (U.S.) focus and one with a global focus. One course must come from the LER. The domestic-focus course is fulfilled in this major with PEP 25059 or SPED 23000. A complete list of diversity courses is on Pages 89-91.

III. Writing-Intensive Requirement
Students must complete a one-course writing-intensive requirement and earn a C (2.0) or higher. PEP 35010 or 35065 in the major requirements fulfills this requirement. A complete list of writing-intensive courses is on Pages 93-95.

IV. Major Requirements17

PEP 15010 Introduction to Physical Education, Fitness and Sport2

25033 Lifespan Motor Development3

25057 Human Anatomy and Physiology I3

* 35010 Psychological Dimensions of Motor Behavior . . .3

35054 Biomechanics3

Choose from the following:3

** 25059 Sport in Society (3)

* 35065 History and Philosophy of Sport and Physical Activity (3)

V. Health Education Requirements27

HED 11570 Personal Health3

11590 Community Health3

21030 Introduction to Health Education3

21050 Health Behavior and Advocacy3

32530 Drug Use and Misuse3

32544 Human Sexuality3

44544 Sexual Health Promotion3

44550 Drug Abuse and Violence Prevention3

NUTR 23511 Nutrition Related to Health3

VI. Health Physical Education Movement Experiences11

PEP 15013 Development and Analysis of Dance2

15014 Development and Analysis of Gymnastic Skills .1

15015 Development and Analysis of Game Performance I 2

15016 Development and Analysis of Game Performance II 3

15017 Fundamental Locomotor and Manipulative Skills .1

15018 Development of Swimming and Aquatics Skills .1

15019 Development and Analysis of Track and Field .1

VII. Health and Physical Education Professional Requirements72

ATTR 35025 Essentials of Athletic Injury Management1

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

EDPF 29525 Educational Psychology3

29535 Education in a Democratic Society3

EDUC 49525 Inquiry into Professional Practice in Health and Physical Education3

49526 Student Teaching in Health/Physical Education .12

HED 20000 Health Education for Early Childhood3

32542 Methods and Applications of Health Education .5

34050 Program Planning and Evaluation in Health3

42041 Health Counseling3

44543 Administration of School Health Programs3

ITEC 19525 Educational Technology3

PEP 25025 Teaching in Physical Education3

25026 Overview of Outdoor Pursuits and Adventure Education3

25068 Measurement and Evaluation in Fitness and Sport3

45037 Adapted Physical Education3

*** 45051 Elementary School Physical Education Methods .3

*** 45053 Elementary School Physical Education Content .3

*** 45058 Secondary School Physical Education Methods .3

*** 45059 Secondary School Physical Education Content .3

SPED**23000 Introduction to Exceptionalities3

TOTAL 164-165

**Course fulfills writing-intensive requirement.*

***Course fulfills diversity requirement.*

****PEP 45051 and 45053 must be taken in the same semester. PEP 45058 and 45059 must also be taken in the same semester.*

Students must gain admission to advanced study prior to taking upper-division professional education coursework, including methods courses.

Students must earn minimum C (2.0) grade in all HED and PEP courses.

For Praxis II testing requirements and information, contact the Office of Student Services.

B.S. and Combined B.S./M.A. Speech Pathology and Audiology

This is a professional training program leading to the master's degree in speech-language pathology or a doctorate in audiology and meets the academic requirements for ASHA certification and licensure by the state of Ohio Board of Speech Pathology and Audiology. Speech language pathologists or audiologists may be employed at rehabilitation centers, hospitals, schools, community clinics or physician's offices or in private practice.

I. General College or University Requirements1

US 10097 First Year Colloquium1

II. Liberal Education Requirements36-37

Composition

ENG 11011 College Writing I3

21011 College Writing II3

Mathematics and Critical Reasoning3

Humanities and Fine Arts9

Minimum one course from humanities category and minimum one course from fine arts category.

Social Sciences

Must be selected from two curricular areas.

PSYC 11762 General Psychology	3
Social sciences LER course	3

Basic Sciences

Must include one laboratory course.

BSCI 10001 Human Biology	3
Basic sciences course and laboratory	3-4

Additional LER Courses

Must be selected from two categories.

PSYC 20651 Child Psychology	3
Choose from the following:	3
LER course from above categories (3)	
COMM 15000 Introduction to Human Communication (3)	
PHIL 11009 Principles of Thinking (3)	

Diversity Requirement

Students must complete a two-course diversity requirement, consisting of one course with a domestic (U.S.) focus and one with a global focus. A complete list of diversity courses is on Pages 89-91.

III. Writing-Intensive Requirement

Students must complete a one-course writing-intensive requirement and earn minimum C (2.0) grade. This requirement is fulfilled in this major with SP&A 44492. A complete list of writing-intensive courses is on Pages 93-95.

IV. Major Requirements (undergraduate) .40

SP&A 33101 Hearing Science	3
34102 Applied Phonetics	3
34103 Anatomy and Physiology of Speech	3
34104 Speech and Language Development	3
34106 Articulatory and Phonological Disorders	3
34107 Language Disorders in Children and Adolescents	3
43402 Clinical Audiometry	3
43404 Aural Rehabilitation	3
43492 Clinical Preparation in Audiology	2
44110 Speech Science	3
44111 Neural Processes	3
44112 Age-related Changes in Communication	3
44310 Clinical Procedures	3
* 44492 Clinical Preparation in Speech-Language Pathology	2

V. Psychology .6

PSYC 21621 Quantitative Methods in Psychology I	3
31043 Basic Learning Processes	3

VI. English .3

ENG 31001 Fundamentals of English Grammar	3
---	---

VII. Free Electives .34-35

See the Pass/Fail Policy on Page 77.

Maximum 12 credit hours may be used from the M.A. program for those students in the combined B.S./M.A. program. For addi-

tional information on combined B.S./M.A. programs, see Page 413.

TOTAL	121-122
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VIII. Graduate Requirements

Consult school office for current graduate requirements.

Coursework at graduate level	40
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TOTAL	40
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**Course fulfills writing-intensive requirement.*

B.S. in Sport Administration

Students must have a 2.50 GPA overall to be accepted into both the sport administration major and business minor. Students also must complete minimum 60 semester hours prior to being accepted into the business minor.

I. General College or University Requirements .1

US 10097 First Year Colloquium	1
--------------------------------	---

II. Liberal Education Requirements .37-38

A complete list of Liberal Education Requirements (LER) courses is on Pages 85-87.

Composition

ENG 11011 College Writing I	3
21011 College Writing II	3

Mathematics and Critical Reasoning

MATH 11009 Modeling Algebra	4
-----------------------------	---

Humanities and Fine Arts

ARCH 10001 Understanding Architecture	3
PHIL*21001 Introduction to Ethics	3
Humanities or fine arts LER course	3

Social Sciences

ECON 22060 Principles of Microeconomics	3
Choose from the following:	3

PSYC 11762 General Psychology (3)	
-----------------------------------	--

SOC * 12050 Introduction to Sociology (3)	
---	--

Basic Sciences .6-7

Must include one laboratory course.

Additional LER Courses

COMM 15000 Introduction to Human Communication	3
ECON 22061 Principles of Macroeconomics	3

III. Diversity Requirement

Students must complete a two-course diversity requirement, consisting of one with a domestic (U.S.) focus and one with a global focus. The domestic-focus course is fulfilled in this major with LER social sciences SOC 12050 or major requirement PEP 25059. The global-focus course is fulfilled in this major with LER

humanities PHIL 21001. A complete list of diversity courses is on Pages 89-91.

IV. Writing-Intensive Requirement
Students must complete a one-course writing-intensive requirement and earn a C (2.0) or higher. This requirement is fulfilled in this major with SPAD 45030. A complete list of writing-intensive courses is on Pages 93-95.

V. Major Requirements53

PEP * 25059 Sport in Society3
 ** 35065 History and Philosophy of Sport3
 RPTM 46080 Legal Issues in Sport and Recreation3
 SPAD 15000 Introduction to Sport Administration2
 25092 Practicum I in Sport Administration1
 35021 Governance in Sport3
 35025 Facility Management3
 35092 Practicum II in Sport Administration1
 45022 Event Planning and Production3
 45023 Sport Marketing3
 45024 Sport in Global Perspective3
 45026 Sport and the Media3
 45027 Public Relations and Promotion in Sport3
 ** 45030 Sport Enterprise3
 45091 Seminar for Internship Preparation1
 45092 Internship in Sport Administration12
 Choose from the following:3
 BMRT 21004 Introduction to Business Statistics (3)
 M&IS 24056 Fundamentals of Business Statistics (3)
 MATH 10041 Elementary Probability and Statistics (3)

VI. Electives12

VII. Business Minor (see requirements on Page 248)18

TOTAL 121-122

*Course fulfills diversity requirement.

**Course fulfills writing-intensive requirement.

Minimum 121 semester hours and 39 upper-division credit hours required for graduation.

2.5 GPA required for graduation.

GPA in major includes major requirements, movement experiences and any additional SPAD course.

Only general elective courses may be taken as pass/fail, of which maximum 12 credit hours may be taken as pass/fail.

B.S.E. in Trade and Industrial Education

I. General College or University Requirements1
 US 10097 First Year Colloquium1

II. Liberal Education Requirements36-37

Composition
 ENG 11011 College Writing I3
 21011 College Writing II3

Mathematics and Critical Reasoning3

Humanities and Fine Arts9
Minimum one course from humanities category and minimum one course from fine arts category.

Social Sciences
Must be from two curricular areas.
 PSYC 11762 General Psychology3
 Social sciences LER course3

Basic Sciences6-7
Must include one laboratory course.

Additional LER Courses6
Courses must be selected from two categories, above. COMM 15000 Introduction to Human Communication and PHIL 11009 Principles of Thinking may also be taken within this category.

Diversity Requirement
Students must complete a two-course diversity requirement, consisting of one with a domestic (U.S.) focus and one with a global focus. One course must come from the LER. The domestic-focus course is fulfilled in this major with SPED 23000. A complete list of diversity requirement courses is on Pages 89-91.

III. Writing-Intensive Requirement
Students must complete a one-course writing-intensive requirement and earn a C (2.0) or higher. The requirement is fulfilled in this major with CTTE 46001. A complete list of writing-intensive courses is on Pages 93-95.

IV. Content Coursework36

CTTE 36014 Evaluation Practices in Career and
 Technical Teacher Education3
 36020 Occupational Experience: Technology12
 36021 Occupational Experience: Manipulative12
 46017 Youth Organizations in Career and
 Technical Teacher Education3
 46018 Disadvantage Youth in Career and
 Technical Teacher Education3
 46029 Introduction to Training and Development3
or appropriate content area coursework (see advisor)

IV. Professional Education57

C&I 47330 Reading and Writing in Adolescence3
 CTTE * 44618 Elements of Experienced-Based Education3
 * 45372 Issues in Career Technical Education Subjects . . .3

* 45377 Career and Technical Education: Advanced Methodologies . . . . .	.3
** 46001 Organization of Career and Technical Education . . . . .	.3
* 46002 In-Service Teaching I . . . . .	.2
* 46003 In-Service Teaching II . . . . .	.1
* 46015 Methods of Career and Technology Education . . . . .	.3
46019 Coordination of Career Technical Cooperative Education Programs . . . . .	.3
* 46020 Curriculum Guide: Design and Application . . . . .	.3
*** 46031 Student Teaching in Career Technical Education . . . . .	.9
*** 49525 Inquiry into Professional Practice . . . . .	.3
EDPF 29525 Educational Psychology . . . . .	.3
HED 42575 Health and Learning: Strategies for Students and Teachers . . . . .	.3
ITEC 47427 Technology and Learning . . . . .	.3
SPED****23000 Introduction to Exceptionalities . . . . .	.3
Electives . . . . .	.6
<i>If initial license is obtained through bachelor's degree program, then student teaching (CTTE 46031 and 49525) is required. In addition, ITEC 19525 and EDPF 29535 must be taken prior to student teaching and counts for the 6 credit hours of electives.</i>	
TOTAL	130-131

*Course required for alternate licensure option.

**Course fulfills writing-intensive requirement.

***If initial license was obtained through the Route B Education licensure program, the 12 credit hours of approved coursework not used for the initial license may be substituted for CTTE 49525 and CTTE 46031 (see advisor).

****Course fulfills diversity requirement.

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

For Praxis II testing requirements and information, contact the Office of Student Services.

MINORS OFFERED BY THE COLLEGE OF EDUCATION, HEALTH, AND HUMAN SERVICES LEADING TO LICENSURE

Education Minor

Students must declare the education minor to take professional education coursework. A cumulative 2.50 GPA (2.75 for Art Education majors) and a 2.75 GPA in the major are 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 education minor.

ADED* 42357 Secondary Student Teaching . . . . .	.9
42358 Student Teaching . . . . .	.4
EDPF 29525 Educational Psychology . . . . .	.3
29535 Education in a Democratic Society . . . . .	.3
ITEC 19525 Educational Technology . . . . .	.3
SPED 23000 Introduction to Exceptionalities . . . . .	.3
XXX** 49525 Inquiry into Professional Practice . . . . .	.3
<i>course in students' major department</i>	
Methods courses in the students' major area*** . . . . .	.6
Area-specific courses (cohort seminars)**** . . . . .	.9
TOTAL	43

*Students in foreign languages take MCLS 40657 Student Teaching. Students in TESL take ENG 41009 Student Teaching (9).

**Students in foreign languages take MCLS 40525 Inquiry into Professional Practice. Students in TESL take ENG 41525 Inquiry into Professional Practice (3).

***Students in TESL take ENG 31007 TESL Pedagogy I (3) and ENG 41008 TESL Pedagogy II (3).

****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)

Students in TESL take the following courses:

ENG 41192 ESL/EFL Practicum (3)

Additional designated education elective courses (6)

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

Those pursuing an education minor must satisfy the professional requirements listed on Page 292 and be admitted to advanced study prior to student teaching.

A cumulative 2.50 GPA (2.75 for art education majors) and a 2.75 major GPA are required for student teaching, graduation and licensure. All courses in the minor must be completed with a minimum C (2.0) grade.

The preceding sequence may be slightly different depending upon the actual major. Contact a program counselor in 304 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 230-231.

College of the Arts:

Art Education—See Pages 131-132, as the professional education courses are built into the major.

Music Education—See Pages 144-145, as the professional education courses are built into the major.

College of Education, Health, and Human Services

Physical Education—See Pages 332-335, as the professional courses are built into the major.

College of Technology:

Technology Education—See Pages 364-366. Completion of the Bachelor of Science in Technology with the technology education concentration provides licensure to teach technology to grades four-12.

MINORS OFFERED BY THE COLLEGE OF EDUCATION, HEALTH, AND HUMAN SERVICES THAT DO NOT LEAD TO LICENSURE

The following minors are available to all students at Kent State University.

Athletic Coaching Minor

ATTR	35025	Essentials of Athletic Injury Management	1
PEP	25068	Measurement and Evaluation in Fitness and Sport	.3
	45015	Psychology of Coaching	.3
	45020	Contemporary Athletic Coaching	.3
	45021	Organization and Administration of Athletics	.3
		Choose from the following:	.3
HED	* 32530	Drug Use and Misuse (3)	
NUTR*	23511	Nutrition Related to Health (3)	
PEP	35079	Sports Physiology (3)	
		Choose from the following:	.3
PEP	25033	Lifespan Motor Development (3)	
	35010	Psychological Dimensions of Motor Behavior (3)	
		Choose from the following:	.4
PEP	35040	Coaching Football (2)	
	35041	Coaching Soccer (2)	
	35042	Coaching Volleyball (2)	
	35043	Coaching Gymnastics (2)	
	35044	Coaching Basketball (2)	
	35045	Coaching Wrestling (2)	
	35047	Coaching Tennis and Golf (2)	
	35048	Coaching Baseball and Softball (2)	
	35049	Coaching Track and Field (2)	
**	43093	Workshop in Exercise, Leisure and Sport (1-3)	
	45692	Internship in Athletic Coaching (2-4)	
TOTAL			23

**Students majoring in physical education must select either HED 32530 or NUTR 23511.*

***Workshops must apply to the athletic coaching minor and be approved by student's advisor.*

Minimum 2.25 GPA in the minor required for graduation.

Community Health Education Minor

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

HED	11570	Personal Health	.3
	11590	Community Health	.3
	21030	Introduction to Health Education	.3
	21050	Health Behavior	.3
	32542	Methods and Applications of Health Education	.5
	34050	Program Planning and Evaluation in HED	.3
	42041	Health Counseling	.3
		Choose from the following:	.3
HED	32530	Drug Use and Misuse (3)	
	32544	Human Sexuality (3)	

TOTAL 26

Minimum 2.50 GPA in the minor required for graduation.

Family, Food and Nutritional Studies Minor

Required Courses	.12
GERO 14029	Introduction to Gerontology3
HDFS 24011	Interpersonal Relationships and Families3
	25512 Management of Family Resources3
	Choose from the following:3
NUTR 23511	Nutrition Related to Health (3)
	33512 Nutrition (3)
Optional Courses	.12
<i>8 of the 12 credit hours must be upper division:</i>	
Choose from the following:	
GERO 44030	Adult Development and Aging (3)
HDFS 24012	Child Development (3)
	41093 Workshop in Human Development and Family Studies (3)
*	41095 Special Topics (1-4)
	44020 Adolescent Development (3)
	44022 Changing Roles of Men and Women (3)
	44023 Building Family Strengths (3)
HM 13024	Introduction to Hospitality Management (2)
	23012 Food Study (3)

NUTR 43016	Cultural Aspects of Food (3)	
43518	Maternal and Child Nutrition (3)	
43521	Food Choices for Prescribed Dietary Modification (2)	
	TOTAL	24

*With approval of advisor.

Minimum 2.25 GPA in the minor required for graduation.

Gerontology Minor

Required Courses		.17-18
GERO 14029	Introduction to Gerontology	3
44030	Adult Development and Aging	3
44031	Social Policy and Community Resources for Older Adults	3
Choose from the following:		8-9
BSCI * 40020	Biology of Aging (3)	
NURS 31095	Special Topics: Health Care Policy and Delivery Systems (3)	
NUTR 23511	Nutrition Related to Health (3)	
or		
33512	Nutrition (3)	
PHIL 40005	Health Care Ethics (3)	
RPTM 36010	Recreation, Leisure and Aging (3)	
SP&A 44130	Communication Disorders of the Aging (2)	
Guided Electives		.7-8
<i>Any course not chosen above may be a guided elective as well as the following:</i>		
ARCH 45640	Developing Environments for Older Adults (1-3)	
EDPF 42150	Educational Dimensions of Leisure, Retirement and Aging (3)	
HDFS 24011	Interpersonal Relationships and Families (3)	
44021	Family Intervention Across the Lifespan (3)	
44023	Building Family Strengths (3)	
HED 34060	Small Group Processes (2)	
42041	Health Counseling (3)	
46060	Death Education (3)	
JMC 28001	Principles of Public Relations (3)	
M&IS 24163	Principles of Management (3)	
NUTR 43521	Food Choices for Prescribed Dietary Modifications (2)	
SOC 42010	Death and Dying (3)	
42870	Interdisciplinary Seminar in Social Gerontology (3)	
	TOTAL	25

*Course requires BSCI 20020 and CHEM 10050 and 10052 as prerequisites.

Minimum 2.25 GPA in the minor required for graduation.

Any student who meets the requirements for the minor in gerontology is automatically eligible for the Certificate in Gerontology, which is issued through the Kent State University Gerontology Center with approval by the College of Education, Health, and Human Services.

Hospitality Management Minor

The hospitality management minor is for students interested in foundational knowledge in the hospitality industry including food-service, lodging and other hospitality venues. Specific areas of interest may be further pursued through elective courses.

Required Courses		.17
ACCT 23020	Introduction to Financial Accounting	3
HM 13024	Introduction to Hospitality Management	2
23030	Lodging Operations	3
* 43030	Food Service Systems Management	3
	<i>(Offered only in fall semester.)</i>	
* 43032	Food Production and Service Management	3
	<i>(Offered only in spring semester.)</i>	
43092	Practicum in Hospitality Management	3
Electives: choose a minimum of 6 hours		.6-10
HM 33020	Legal Issues in the Hospitality Industry (3)	
33026	Hospitality Cost Control and Analysis (5)	
33029	Catering and Banquet Preparation and Service (5)	
33035	Hospitality Service Quality Management (3)	
33036	Club Management (3)	
33040	Hotel Convention Group Sales and Services (3)	
41095	Special Topics in Hospitality Management (1-4)	
43029	Hospitality Financial Policy (3)	
43043	Hospitality Meetings Management (3)	
RPTM 36060	Commercial Recreation and Tourism (3)	
	TOTAL	23-27

Students are encouraged to declare the minor with a minimum of 3-4 semesters remaining before graduation and should meet with a faculty advisor to plan their course of study.

Minimum 2.50 GPA required for admission to the minor.

Minimum 2.75 GPA in the minor required for graduation.

*Students may register for HM 43030 and 43032 (with permission) without completion of the prerequisite courses.

Human Sexuality Minor

The human sexuality minor may **not** be chosen by students majoring in school health education or in community health education.

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

Minimum 2.50 GPA in the minor required for graduation.

Recreation and Park Management Minor

Recreation and Park Core

RPTM 16000	Foundations of Recreation and Leisure	.....	3
26030	Recreation Group Leadership	.....	3
36040	Inclusion of People with Disabilities in Leisure Services	.....	3
36075	Program Design and Evaluation	.....	3

Experiential Education

RPTM 36192	Practicum in Leisure Services Management	.....	1
	Guided electives selected from RPTM courses	.....	6
TOTAL			19

Minimum 2.25 GPA required for admission to the minor.

Minimum 2.25 GPA in the minor required for graduation.

Sport Administration Minor

PEP 25059	Sport in Society	.....	3
35065	History and Philosophy of Sport and Physical Activity	.....	3
RPTM 46080	Legal Issues in Sport and Recreation	.....	3
SPAD 35021	Governance in Sport	.....	3
45022	Event Planning and Production	.....	3
45023	Sport Marketing	.....	3
	Choose from the following	.....	3
SPAD 45024	Sport in Global Perspective (3)	.....	3
45026	Sport and the Media (3)	.....	3
TOTAL			21

Minimum 2.25 GPA in the minor required for graduation.

Sports Medicine Minor

Students wishing to enroll in the sports medicine minor should contact the athletic training program coordinator at 330-672-0231. Completion of this minor does **not** meet the requirements for certification eligibility by the National Athletic Trainer's Association Board of Certification (BOC). Completion of the athletic training major is the only route to certification by BOC.

ATTR 25036	Principles of Athletic Training	.....	3
25037	Physical Assessment Techniques	.....	4
45038	Organization and Administration of Athletic Training	.....	3
45039	Therapeutic Rehabilitation	.....	4
45040	Pathology and Pharmacology for Allied Health Care Providers	.....	2
PEP 25051	Human Anatomy	.....	3
* 35075	Exercise Programming	.....	3
** 35079	Sports Physiology	.....	3
45091	Senior Seminar	.....	1
TOTAL			26

*BSCI 20020 (a liberal education requirement) and PEB 10035 are prerequisites for PEP 35075.

**BSCI 20020 is a prerequisite for PEP 35079.

Minimum 2.25 GPA in the minor required for graduation.

Tourism Management Minor

The curriculum is designed to provide students in various majors with an academic training for preparation in the tourism profession. The tourism management minor focuses on services in tourism industries and sustainable destination development. Students must have a 2.25 GPA overall to be accepted into the tourism management minor.

RPTM 26060	Introduction to Global Tourism	.....	3
26081	Principles of Outdoor Recreation	.....	3
36040	Inclusion of People with Disabilities in Leisure Services	.....	3
36060	Commercial Recreation and Tourism	.....	3
46000	Tourism Development and Recreational Travel	.....	3
SPAD 45022	Event Planning and Production	.....	3
TOTAL			18

Minimum 2.25 GPA in the minor required for graduation.

MINOR OUTSIDE THE COLLEGE OF EDUCATION, HEALTH, AND HUMAN SERVICES

Business Minor

The business minor is required for students enrolled in the B.S. in sport administration or in the B.S. in recreation, park and tourism management with tourism management concentration. Students must have a 2.50 GPA overall and minimum 60 semester hours to be accepted into the business minor.

ACCT	23020	Introduction to Financial Accounting	. . . . .	3
	23021	Introduction to Managerial Accounting	. . . . .	3
FIN	36053	Business Finance	. . . . .	3
M&IS	24163	Principles of Management	. . . . .	3
MKTG	25010	Marketing	. . . . .	3
		Choose from the following:	. . . . .	3
CS	10061	Introduction to Computer Programming (3)		
M&IS	24053	Introduction to Computer Applications (3)		
	24080	Computer Programming for Business (3)		
TOTAL				18

ECON 22060 and 22061 are required for the minor and are included within the Liberal Education Requirements for the sport administration and recreation, park and tourism management majors.

Minimum 2.50 GPA in the minor required for graduation.

MINORS

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, Health, and Human Services. However, students may select a minor offered through the College of Education, Health, and Human Services; the College of Arts and Sciences; the College of the Arts; and the College of Business Administration.

MINORS IN OTHER COLLEGES/SCHOOLS

In addition to the departmental minors listed in the previous sections, undergraduate students in the College of Education, Health, and Human Services 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 the Arts do not lead to teacher licensure.

The Arts

The following minors within the College of the Arts are available to all undergraduate students at Kent State University. Please see Pages 126-127 for program requirements.

Art History
Crafts
Dance*
Music*
Studio Art
Theatre

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

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 207-230 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
Geographic Information Science
Geography
Geology

German
 German Studies
 Greek
 Health Care Ethics
 Hellenic Studies
 History
 Jewish Studies
 Justice Studies
 Latin
 Latin American Studies
 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
 Web Design and Programming
 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 248-254 for program requirements.

Accounting
 Business
 Computer Information Systems
 Economics
 Entrepreneurship
 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 263-265 for program requirements.

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

Technology

The following minors within the College of Technology are available to all undergraduate students at Kent State University. Please see Pages 375-376 for program requirements.

Electronic Technology
 Flight Technology
 Technology

**QUALITY OF TEACHER PREPARATION
PRAXIS II INSTITUTION PASS RATE DATA
KENT STATE UNIVERSITY 2004-2005**

<i>Institution Name:</i>	KENT STATE UNIVERSITY
<i>Institution Code:</i>	1367
<i>State:</i>	Ohio
<i>Number of Program Completers Submitted</i>	503
<i>Number of Program Completers found, matched and used in passing rate Calculations¹</i>	475

				<i>Statewide</i>		
<i>Type of Assessment²</i>	<i>Number Taking Assessment³</i>	<i>Number Passing Assessment⁴</i>	<i>Institutional Pass Rate</i>	<i>Number Taking Assessment³</i>	<i>Number Passing Assessment⁴</i>	<i>Statewide Pass Rate</i>
<i>Aggregate - Basic Skills</i>						
<i>Aggregate - Professional Knowledge</i>	433	409	94%	5998	5732	96%
<i>Aggregate - Academic Content Areas (Math, English, Biology, etc.)</i>	417	392	94%	7998	7730	97%
<i>Aggregate - Other Content Areas (Career/ Technical Education, Health Education, etc.)</i>	12	12	100%	148	148	100%
<i>Aggregate - Teaching Special Populations (Special Education, ELS, etc.)</i>	78	75	96%	777	740	95%
<i>Aggregate - Performance Assessments</i>						
<i>Summary Totals and Pass Rates⁵</i>	475	430	91%	7779	7357	95%

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.