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

Mission Statement .................................... 287
Office of Student Services .............................. 287
Academic Regulations and Information ................. 287
Undergraduate Teacher Licensure Programs .......... 290
Conceptual Framework ................................. 290
Coursework ............................................ 291
Other Programs for Teacher Licensure ................. 291
Requirements for Admission to Advanced Study .... 292
Personal-Professional Characteristics ................... 294
Interruption of Progress Toward Completion of Advanced Study
Coursework ............................................. 294
Due Process ............................................ 294
Student Teaching ....................................... 294
Teacher Licensure ....................................... 295
Graduation Requirements ................................ 296
Adolescence/Young Adult (7-12 Licensure) Program ... 296
Career Technical Teacher Education ..................... 297
Other Professional Licensure Programs .................. 297
Professional Organizations and Awards ................. 297
Degree Programs ....................................... 299
Athletic Training ......................................... 299
Community Health Education ............................ 301
Early Childhood Education ............................. 302
Earth Science ........................................... 303
Educational Studies ...................................... 304
Family and Consumer Sciences Education ............... 304
Early Childhood Education and Care Concentration .... 305
Food Management Production and Service Concentration .... 305
Work and Family Concentration .......................... 305
Human Development and Family Studies ................. 305
Gerontology Concentration ................................ 307
Integrated Business Education ........................... 308
Integrated Health Studies ................................ 309
Health Care Administration and Systems Concentration .... 310
Health Sciences Concentration ........................... 311
Health Services Concentration ........................... 311
Integrated Language Arts ................................ 312
Integrated Mathematics .................................. 313
Integrated Science ....................................... 314
Chemistry Concentration ................................ 315
Earth Science Concentration ............................. 315
Life Science Concentration ................................ 315
Physics Concentration .................................... 315
Economics Concentration ................................. 316
Geography Concentration ................................ 317
History Concentration .................................... 317

Political Science Concentration .......................... 317
Sociology Concentration .................................. 317
Intervention Specialist .................................... 318
Deaf Education Intervention Specialist Concentration ....... 318
Educational Interpreter Concentration ................. 320
Gifted Education Concentration .......................... 321
Mild/Moderate Educational Needs Concentration .......... 323
Moderate/Intensive Educational Needs Concentration .... 324
Life Science .............................................. 325
Life Science/Chemistry .................................... 326
Marketing Education ....................................... 327
Middle Childhood Education .............................. 328
Mathematics Concentration .............................. 329
Reading/Language Arts Concentration .................... 329
Science Concentration .................................... 329
Social Studies Concentration ............................ 330
Nutrition and Food ........................................ 330
Hospitality Management Concentration .................. 330
Nutrition and Dietetics Concentration ................. 331
Physical Education ........................................ 332
Exercise Sciences ......................................... 333
Health and Physical Education Concentration ............. 334
Human Movement Studies Concentration ............... 334
Teacher Education Concentration ......................... 334
Physical Science ......................................... 335
Recreation, Park and Tourism Management ............... 336
Recreation and Park Management Concentration ......... 337
Tourism Management Concentration ..................... 337
School Health (K-12 Licensure) ........................... 337
School Health (Pre-K-12 Licensure) ....................... 338
Health and Physical Education Concentration .......... 338
B.S. and Combined B.S./M.A. Speech Pathology and
Audiology ............................................... 339
Sport Administration ....................................... 340
Trade and Industrial Education ............................ 341
Minors ...................................................... 342
Education .................................................. 342
Athletic Coaching ......................................... 343
Community Health Education ............................ 343
Family, Food and Nutritional Studies ....................... 343
Gerontology ............................................... 344
Hospitality Management .................................... 344
Human Sexuality ............................................ 345
Recreation and Park Management ........................ 345
Sport Administration ....................................... 345
Sports Medicine ............................................ 345
Tourism Management ....................................... 345
Business .................................................... 346
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/
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.

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.

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

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 exceptionality 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 science, 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:

...
Professional-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/ose 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.registrar.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 8 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.

GLENNNA RAE 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
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 must be selected from each humanities category and 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.
CHEM 10050 Fundamentals of Chemistry ....................3
Basic sciences LER course and laboratory ....................3-4

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.

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 Practicum in Athletic Training I ......................4
PEP 45091 Senior Seminar .....................................1

VII. Additional Requirements ................................88
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

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

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

Must be selected from two curricular areas.

Basic Sciences
Must include one laboratory course.

BSCI 10001 Human Biology ........................................ 3

Basic sciences LER course and laboratory ......................... 3-4

Additional LER Courses
Must be selected from two categories.

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)
(available at Trumbull Campus only)

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 11590 Community Health ................................... 3
14020 Introduction to Medical Terminology (3)
32530 Drug Use and Misuse (3)
32575 Consumer Health (3)
34060 Small Group Process (2)
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

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 10111 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: .................................3
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: .................................3
HIST 11050 History of Civilization I (3)
11051 History of Civilization II (3)
12070 History of the United States: The Formative Period (3)
12071 History of the United States: The Modern Period (3)

Choose from the following: .................................3
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
CDMM 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 be 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 Coursework

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECED 10120</td>
<td>Introduction to Early Childhood Services</td>
<td>2</td>
</tr>
<tr>
<td>EDPF 29525</td>
<td>Educational Psychology</td>
<td>3</td>
</tr>
<tr>
<td>ITEC 19525</td>
<td>Educational Technology</td>
<td>3</td>
</tr>
</tbody>
</table>

**Block I**
Field assignment of nine hours per week in Block I.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>30134</td>
<td>Integrated Expressive Arts and Social Studies in Preschool</td>
<td>3</td>
</tr>
<tr>
<td>30147</td>
<td>Early Experiences in Mathematics and Science</td>
<td>3</td>
</tr>
<tr>
<td>30164</td>
<td>Preschool Education</td>
<td>3</td>
</tr>
<tr>
<td>SPED* 23000</td>
<td>Introduction to Exceptionalities</td>
<td>3</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>30123</td>
<td>Language and Literacy for the Preschool Child</td>
<td>3</td>
</tr>
<tr>
<td>30142</td>
<td>Partnerships and Guidance Preschool</td>
<td>3</td>
</tr>
<tr>
<td>40145</td>
<td>Music and Rhythms in Preprimary Education</td>
<td>3</td>
</tr>
<tr>
<td>40165</td>
<td>Integrated Application of Preschool Curriculum</td>
<td>3</td>
</tr>
<tr>
<td>40192</td>
<td>Internship Preschool</td>
<td>6</td>
</tr>
</tbody>
</table>

**Block III**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>40105</td>
<td>Appropriate Phonics for Kindergarten and Primary Children</td>
<td>3</td>
</tr>
<tr>
<td>40107</td>
<td>Teaching Mathematics: Early Years I</td>
<td>3</td>
</tr>
<tr>
<td>40142</td>
<td>Home-School-Community-Partnerships in Diverse Contexts</td>
<td>3</td>
</tr>
<tr>
<td>40151</td>
<td>Guidance of Young Children</td>
<td>3</td>
</tr>
<tr>
<td>EDPF 29535</td>
<td>Education in a Democratic Society</td>
<td>3</td>
</tr>
</tbody>
</table>

**Block IV**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>30144</td>
<td>Integrated Curriculum for Social Studies</td>
<td>3</td>
</tr>
<tr>
<td>40114</td>
<td>Teaching Science in Early Years</td>
<td>3</td>
</tr>
<tr>
<td>** 40126</td>
<td>Developmental Reading and Writing: Early Years</td>
<td>3</td>
</tr>
<tr>
<td>40127</td>
<td>Developing a Balanced Literacy Program</td>
<td>3</td>
</tr>
<tr>
<td>40128</td>
<td>Integrated Field Experience</td>
<td>3</td>
</tr>
<tr>
<td>40147</td>
<td>Teaching Mathematics: Early Years II</td>
<td>3</td>
</tr>
</tbody>
</table>

**Block V**
Full-time teaching in Block V.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>40125</td>
<td>Inquiry into Professional Practice</td>
<td>3</td>
</tr>
<tr>
<td>40292</td>
<td>Internship in Kindergarten/Primary</td>
<td>12</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>US 10097</td>
<td>First Year Colloquium</td>
<td>1</td>
</tr>
</tbody>
</table>

**I. General College or University Requirements**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 11011</td>
<td>College Writing I</td>
<td>3</td>
</tr>
<tr>
<td>21011</td>
<td>College Writing II</td>
<td>3</td>
</tr>
</tbody>
</table>

**Mathematics and Critical Reasoning**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH*11010</td>
<td>Algebra for Calculus</td>
<td>3</td>
</tr>
</tbody>
</table>

**Humanities and Fine Arts**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMM**26000</td>
<td>Criticism of Public Discourse</td>
<td>3</td>
</tr>
<tr>
<td>PHIL**11001</td>
<td>Introduction to Philosophy</td>
<td>3</td>
</tr>
</tbody>
</table>

**Social Sciences**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSYC 11762</td>
<td>General Psychology</td>
<td>3</td>
</tr>
<tr>
<td>SOC**12050</td>
<td>Introduction to Sociology</td>
<td>3</td>
</tr>
</tbody>
</table>

**Basic Sciences**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOL 11040</td>
<td>Earth Dynamics</td>
<td>3</td>
</tr>
<tr>
<td>11041</td>
<td>Earth Dynamics Laboratory</td>
<td>1</td>
</tr>
</tbody>
</table>

Choose from the following:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHY 21430</td>
<td>Frontiers in Astronomy</td>
<td>3</td>
</tr>
<tr>
<td>24001</td>
<td>Astronomy (3)</td>
<td>3</td>
</tr>
</tbody>
</table>

**Additional LER Courses**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMM 15000</td>
<td>Introduction to Human Communication</td>
<td>3</td>
</tr>
<tr>
<td>SOC** 22778</td>
<td>Social Problems</td>
<td>3</td>
</tr>
</tbody>
</table>

**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 Requirements**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH*11022</td>
<td>Trigonometry</td>
<td>2</td>
</tr>
<tr>
<td>12002</td>
<td>Analytic Geometry and Calculus I</td>
<td>5</td>
</tr>
</tbody>
</table>

Choose from the following:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 10041</td>
<td>Elementary Probability and Statistics (3)</td>
<td>3</td>
</tr>
<tr>
<td>30011</td>
<td>Basic Probability and Statistics (3)</td>
<td>3</td>
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</tbody>
</table>
V. Major Requirements .................................................. 54

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Description</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSCI 10110</td>
<td>Biological Diversity</td>
<td>4</td>
</tr>
<tr>
<td>10120</td>
<td>Biological Foundations</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 10060</td>
<td>General Chemistry I</td>
<td>4</td>
</tr>
<tr>
<td>10061</td>
<td>General Chemistry II</td>
<td>4</td>
</tr>
<tr>
<td>10082</td>
<td>General Chemistry Laboratory</td>
<td>1</td>
</tr>
<tr>
<td>10083</td>
<td>General Chemistry II Laboratory</td>
<td>1</td>
</tr>
<tr>
<td>GEOG 31062</td>
<td>Meteorology</td>
<td>3</td>
</tr>
<tr>
<td>31064</td>
<td>Climatology</td>
<td>3</td>
</tr>
<tr>
<td>41073</td>
<td>Conservation of Natural Resources</td>
<td>3</td>
</tr>
<tr>
<td>41082</td>
<td>Geography of Soils</td>
<td>3</td>
</tr>
<tr>
<td>GEOL 11042</td>
<td>Earth History</td>
<td>3</td>
</tr>
<tr>
<td>11043</td>
<td>Earth History Laboratory</td>
<td>1</td>
</tr>
<tr>
<td>21080</td>
<td>Oceanography</td>
<td>3</td>
</tr>
<tr>
<td>23063</td>
<td>Mineralogy</td>
<td>4</td>
</tr>
<tr>
<td>***34061</td>
<td>Invertebrate Paleontology</td>
<td>4</td>
</tr>
<tr>
<td>GEOL 11043</td>
<td>Earth History Laboratory</td>
<td>1</td>
</tr>
<tr>
<td>41073</td>
<td>Conservation of Natural Resources</td>
<td>3</td>
</tr>
<tr>
<td>41082</td>
<td>Geography of Soils</td>
<td>3</td>
</tr>
<tr>
<td>GEOL 11042</td>
<td>Earth History</td>
<td>3</td>
</tr>
<tr>
<td>11043</td>
<td>Earth History Laboratory</td>
<td>1</td>
</tr>
<tr>
<td>21080</td>
<td>Oceanography</td>
<td>3</td>
</tr>
<tr>
<td>23063</td>
<td>Mineralogy</td>
<td>4</td>
</tr>
<tr>
<td>***34061</td>
<td>Invertebrate Paleontology</td>
<td>4</td>
</tr>
<tr>
<td>PHY 13001</td>
<td>General College Physics</td>
<td>5</td>
</tr>
</tbody>
</table>

Choose from the following:

- GEOL 31070 Petrology (4)
- 32066 Geomorphology (4)
- C&I 47330 Reading and Writing in Adolescence/Adulthood (3)
- EDPF 29525 Educational Psychology (3)
- 32277 Teaching Science in Secondary Schools (3)
- 42277 Topics in Secondary School Science (3)
- C&I 47330 Reading and Writing in Adolescence/Adulthood (3)
- EDPF 32277 Teaching Science in Secondary Schools (3)

VI. Professional Coursework ........................................... .27

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Description</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADED***32142</td>
<td>Principles of Teaching Adolescents</td>
<td>3</td>
</tr>
<tr>
<td>32277</td>
<td>(Offered only in fall semester) Teaching Science in Secondary Schools</td>
<td>3</td>
</tr>
<tr>
<td>42277</td>
<td>(Offered only in spring semester) Topics in Secondary School Science</td>
<td>3</td>
</tr>
<tr>
<td>42292</td>
<td>Field Work Practicum</td>
<td>3</td>
</tr>
<tr>
<td>C&amp;I 47330</td>
<td>Reading and Writing in Adolescence/Adulthood</td>
<td>3</td>
</tr>
<tr>
<td>EDPF 29525</td>
<td>Educational Psychology</td>
<td>3</td>
</tr>
<tr>
<td>29535</td>
<td>Education in a Democratic Society</td>
<td>3</td>
</tr>
<tr>
<td>ITEC 19525</td>
<td>Educational Technology</td>
<td>3</td>
</tr>
<tr>
<td>SPED**23000</td>
<td>Introduction to Exceptionalities</td>
<td>3</td>
</tr>
</tbody>
</table>

VII. Student Teaching Block ........................................... 12

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Description</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADED 42357</td>
<td>Secondary Student Teaching</td>
<td>9</td>
</tr>
<tr>
<td>49525</td>
<td>Inquiry into the Profession</td>
<td>3</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Description</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>US 10097</td>
<td>First Year Colloquium</td>
<td>1</td>
</tr>
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</table>

II. Liberal Education Requirements ............................... 36-37

Composition

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Description</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 11011</td>
<td>College Writing I</td>
<td>3</td>
</tr>
<tr>
<td>21011</td>
<td>College Writing II</td>
<td>3</td>
</tr>
</tbody>
</table>

Mathematics and Critical Reasoning ............................ 3

Humanities and Fine Arts

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Description</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIST *11050</td>
<td>History of Civilization I</td>
<td>3</td>
</tr>
<tr>
<td>*11051</td>
<td>History of Civilization II</td>
<td>3</td>
</tr>
<tr>
<td>Fine arts LER course</td>
<td>3</td>
<td></td>
</tr>
</tbody>
</table>

Social Sciences

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Description</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSYC 11762</td>
<td>General Psychology</td>
<td>3</td>
</tr>
<tr>
<td>SOC *12050</td>
<td>Introduction to Sociology</td>
<td>3</td>
</tr>
</tbody>
</table>

Basic Sciences

Must include one laboratory course.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Description</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 10050</td>
<td>Fundamentals of Chemistry</td>
<td>3</td>
</tr>
<tr>
<td>Basic sciences course and laboratory</td>
<td>3-4</td>
<td></td>
</tr>
</tbody>
</table>

Additional LER Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Description</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMM 15000</td>
<td>Introduction to Human Communication</td>
<td>3</td>
</tr>
</tbody>
</table>
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

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

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

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 ......... 3
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

Total 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

*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. 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 Requirements**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>US 10097</td>
<td>First Year Colloquium</td>
<td>1</td>
</tr>
</tbody>
</table>

**II. Liberal Education Requirements**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 11011</td>
<td>College Writing I</td>
<td>3</td>
</tr>
<tr>
<td>21011</td>
<td>College Writing II</td>
<td>3</td>
</tr>
<tr>
<td>HDFS 14027</td>
<td>Introduction to Human Development and Family Studies</td>
<td>3</td>
</tr>
<tr>
<td>* 24011</td>
<td>Interpersonal Relationships and Families</td>
<td>3</td>
</tr>
<tr>
<td>* 24012</td>
<td>Child Development</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 11762</td>
<td>General Psychology</td>
<td>3</td>
</tr>
<tr>
<td>SOC 12050</td>
<td>Introduction to Sociology</td>
<td>3</td>
</tr>
</tbody>
</table>

**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.

---

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**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.
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 Lifespan is highly recommended in addition to at least another 3 upper-division credit hours.

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

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 23021 Introduction to Managerial Accounting ........ 3
M&IS 24053 Introduction to Computer Applications (3) .... 3
M&IS 24092 Practicum in Gerontology ..................... 3
PHIL 40005 Healthcare Ethics ................................ 2
RPTM 36010 Recreation, Leisure and Aging ................ 3
SP&H 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

*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

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 93-95.

**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
  - 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
   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 .................... 3-4
   Students in the health care administration and systems concentration or in the health services concentration must take:
   MATH 11009 Modeling Algebra (4)
   Students in the health sciences concentration must take:
   MATH 11010 Algebra for Calculus (3)
   Humanities and Fine Arts ................................. 9
   Minimum one course from humanities category and minimum one course from fine arts category.
   Social Sciences ........................................... 6
   Must be selected from two curricular areas.
   Students in the health care administration and systems concentration must take the following:
   ECON 22060 Principles of Microeconomics (3)
   PSYC 11762 General Psychology (3)
   Students in the health sciences concentration or in the health sciences concentration must take the following:
   PSYC 11762 General Psychology (3)
   Social sciences LER course (3)
   Basic Sciences ........................................... 6-10
   Must be selected from both chemistry and biology and include one laboratory course.

Students in the health sciences concentration must take the following:
   PHY 13001 General College Physics I (5)
   PHY 13002 General College Physics II (5)

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
   IHS 44091 Seminar for Practicum in Integrated Health Studies .............. 2
   IHS 44092 Practicum: Integrated Health Studies ............ 3
   * IHS 44091 Professional Seminar in Integrated Health Studies ............ 3
   NURS 41005 Special Topics: Health Care Policy and Delivery Systems .......... 3
   PHIL 40095 Ethics of Health Care Ethics .................... 3
   PSYC 21801 Quantitative Methods in Psychology I .......... 3

V. Electives ............................................... 10-23

VI. Choose one concentration (see below) ...................... 37-50
   TOTAL 121

*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
### Health Sciences Concentration

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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<tbody>
<tr>
<td>A&amp;S 30095 Special Topics: Gross Anatomy</td>
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</tr>
<tr>
<td>BSCI 30030 Human Physiology</td>
<td>4</td>
</tr>
<tr>
<td>MATH*11022 Trigonometry</td>
<td>2</td>
</tr>
<tr>
<td>NURS 31095 Special Topics: Common Health Problems and Treatment</td>
<td>3</td>
</tr>
<tr>
<td>PEP 45080 Physiology of Exercise</td>
<td>3</td>
</tr>
<tr>
<td>SP&amp;A 44111 Neural Processes</td>
<td>3</td>
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<tr>
<td>Choose from the following:</td>
<td>6</td>
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<tr>
<td>BSCI 20021 Basic Microbiology</td>
<td>3</td>
</tr>
<tr>
<td>30050 Human Genetics</td>
<td>3</td>
</tr>
<tr>
<td>40020 Biology of Aging</td>
<td>3</td>
</tr>
<tr>
<td>NURS 20950 Human Growth and Development</td>
<td>3</td>
</tr>
<tr>
<td>NUTR 33512 Nutrition</td>
<td>3</td>
</tr>
<tr>
<td>PEP 25033 Lifespan Motor Development</td>
<td>3</td>
</tr>
<tr>
<td>35075 Exercise Programming</td>
<td>3</td>
</tr>
<tr>
<td>35079 Sports Physiology</td>
<td>3</td>
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</tbody>
</table>

### Biology

Choose either series A or B: 5-8

**Series A**
- BSCI 20020 Biological Structure and Function (5)

**Series B**
- BSCI 10110 Biological Diversity (4)
- BSCI 10120 Biological Foundations (4)

### Chemistry**

Choose either series A or B: 9-16

**Series A**
- CHEM 10050 Fundamentals of Chemistry (3)
- 10052 Introduction to Organic Chemistry (2)
- 20284 Physiological Chemistry (4)

**Series B**
- 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
- HDFS 14027 Introduction to Human Development and Family Studies
- HED 21030 Introduction to Health Education
- HST 11000 Introduction to Human Services
- NURS 10050 Introduction to Professional Nursing
- OTAT 10000 Introduction to Occupational Therapy
- PTST 10000 Introduction to Physical Therapy Assisting
- RPTM 16000 Foundations of Recreation and Leisure

#### Human Development

Choose from the following: 14-15
- GERO*44030 Adult Development and Aging
- HDFS* 24011 Interpersonal Relationships and Families
- HED 21030 Introduction to Health Education
- HED 32565 Marketing in Health Education
- IHS 44092 Practicum: Integrated Health Studies
- PSYC 40383 Psychological Interventions
- RHAB 47712 Introduction to Rehabilitation
- RPTM 26030 Recreation Group Leadership
- RPTM 36010 Recreation, Leisure and Aging
- SOC *42879 Aging in Society
- SP&A 44130 Communication Disorders of the Aging

#### 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
- HED 32565 Marketing in Health Education
- IHS 44092 Practicum: Integrated Health Studies
- PSYC 40383 Psychological Interventions
- RHAB 47712 Introduction to Rehabilitation
- RPTM 26030 Recreation Group Leadership
- RPTM 36010 Recreation, Leisure and Aging
- SOC *42879 Aging in Society
- SP&A 44130 Communication Disorders of the Aging
* 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 .............................. 3

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
Must include one laboratory course.

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
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.

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 LGBTQ 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
(Offered only in fall semester.)
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
(Offered only in fall semester.)
SEED 43315 Teaching Literature in Secondary Schools ....3
(Offered only in spring semester.)
43325 Multi-Modal Literature in Secondary Classrooms 3
43335 Teaching Language and Composition .................3
(Offered only in fall semester.)
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

*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
PHIL 20001 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.
### College of Education, Health, and Human Services

Choose from the following:  
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)

<table>
<thead>
<tr>
<th>V. Professional Coursework</th>
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<tbody>
<tr>
<td>ADED**32142 Principles of Teaching Adolescents</td>
<td>3</td>
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<tr>
<td>*Prerequisites MATH 11010 and 11022 or proficiency test.</td>
<td></td>
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<tr>
<td>(Offered only in fall semester.)</td>
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<tr>
<td>32268 The Secondary Mathematics Curriculum</td>
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<td>(Offered only in spring semester.)</td>
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<tr>
<td>42268 Teaching Mathematics in Secondary Schools</td>
<td>3</td>
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<tr>
<td>42292 Field Work Practicum</td>
<td>3</td>
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<tr>
<td>EDPF 29525 Educational Psychology</td>
<td>3</td>
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<tr>
<td>29535 Education in a Democratic Society</td>
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<td>HED 42575 Health and Learning: Strategies for Students and Teachers</td>
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<td>ITEC 19525 Educational Technology</td>
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<tr>
<td>SPED***23000 Introduction to Exceptionalities</td>
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<td>Professional elective</td>
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<th>VI. Student Teaching Block</th>
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<tr>
<td>ADED 42357 Secondary Student Teaching</td>
<td>9</td>
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<tr>
<td>49525 Inquiry into Professional Practice</td>
<td>3</td>
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<td>TOTAL</td>
<td>121-122</td>
</tr>
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</table>

*Prerequisites MATH 11010 and 11022 or proficiency test.  
**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 Science

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

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

#### II. Liberal Education Requirements  
Composition 
ENG 11011 College Writing I  
21011 College Writing II  

Mathematics and Critical Reasoning 
MATH**11010 Algebra for Calculus  

Humanities and Fine Arts 
COMM**26000 Criticism of Public Discourse  

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

#### 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  
MATH*11010 Analytic Geometry and Calculus I  
12002 Analytic Geometry and Calculus I  
Choose from the following:  
MATH 10041 Elementary Probability and Statistics (3)  
30011 Basic Probability and Statistics (3)  

#### V. Major Requirements  
BSCI 10110 Biological Diversity  
10120 Biological Foundations  
30156 Elements of Genetics  
CHEM 10060 General Chemistry I  
10061 General Chemistry II  
10062 General Chemistry I Laboratory  
10063 General Chemistry II Laboratory  
GEOG 31062 Meteorology  

| 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  
SOC** 22778 Social Problems  

#### 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. A complete list of diversity courses is on Pages 89-91.

#### B.S.E. in Integrated Science  

Students pursuing the physics emphasis must instead take PHY 23101 General University Physics I and PHY 23102 General University Physics II.
## VII. Advanced Study Coursework

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>ADED***32142</td>
<td>Principles of Teaching Adolescents</td>
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<tr>
<td>32277</td>
<td>Teaching Science in Secondary Schools</td>
<td>3</td>
</tr>
<tr>
<td>42277</td>
<td>Topics in Secondary School Science</td>
<td>3</td>
</tr>
<tr>
<td>42292</td>
<td>Field Work Practicum</td>
<td>3</td>
</tr>
<tr>
<td>C&amp;I 47330</td>
<td>Reading and Writing in Adolescence/Adulthood</td>
<td>3</td>
</tr>
<tr>
<td>EDPF 29535</td>
<td>Education in a Democratic Society</td>
<td>3</td>
</tr>
<tr>
<td>SPED**23000</td>
<td>Introduction to Exceptionalities</td>
<td>3</td>
</tr>
</tbody>
</table>

### VII. Student Teaching Block

- Offered only in spring semester.
- **Course fulfills writing-intensive requirement.**
- **Course may be waived with permission of the Department of Mathematical Sciences, or by passing the placement exam given by Academic Testing Services.**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADED 42357</td>
<td>Secondary Student Teaching</td>
<td>9</td>
</tr>
<tr>
<td>49525</td>
<td>Inquiry into Professional Practice</td>
<td>3</td>
</tr>
</tbody>
</table>

### IX. Choose one concentration (see below):

#### Chemistry Concentration

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSCI 20140</td>
<td>Cell Biology</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 30101</td>
<td>Quantitative Analysis</td>
<td>2</td>
</tr>
<tr>
<td>30284</td>
<td>Introduction to Biological Chemistry</td>
<td>4</td>
</tr>
<tr>
<td>30360</td>
<td>Aqueous Descriptive Inorganic Chemistry</td>
<td>2</td>
</tr>
<tr>
<td>30475</td>
<td>Organic Chemistry I Laboratory</td>
<td>1</td>
</tr>
<tr>
<td>20481</td>
<td>Basic Organic Chemistry</td>
<td>4</td>
</tr>
<tr>
<td>40567</td>
<td>Basic Concepts of Physical Chemistry</td>
<td>4</td>
</tr>
<tr>
<td>GEOG 41073</td>
<td>Conservation of Natural Resources</td>
<td>3</td>
</tr>
<tr>
<td>GEOL 21062</td>
<td>Environmental Geology</td>
<td>3</td>
</tr>
<tr>
<td>PHY 21430</td>
<td>Frontiers in Astronomy (3)</td>
<td>3</td>
</tr>
<tr>
<td>24001</td>
<td>Astronomy (3)</td>
<td></td>
</tr>
</tbody>
</table>

#### Earth Science Concentration

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSCI 20560</td>
<td>Invertebrate Zoology</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 20481</td>
<td>Basic Organic Chemistry I</td>
<td>4</td>
</tr>
<tr>
<td>30101</td>
<td>Quantitative Analysis</td>
<td>2</td>
</tr>
<tr>
<td>30360</td>
<td>Aqueous Descriptive Inorganic Chemistry</td>
<td>2</td>
</tr>
<tr>
<td>GEOG 41082</td>
<td>Soils</td>
<td>3</td>
</tr>
<tr>
<td>GEOL 23063</td>
<td>Mineralogy</td>
<td>3</td>
</tr>
<tr>
<td>***34061</td>
<td>Invertebrate Paleontology</td>
<td>4</td>
</tr>
</tbody>
</table>

#### Life Science Concentration

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSCI 20140</td>
<td>Cell Biology</td>
<td>4</td>
</tr>
<tr>
<td>30030</td>
<td>General Ecology</td>
<td>4</td>
</tr>
<tr>
<td>40163</td>
<td>Organic Evolution</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 20481</td>
<td>Basic Organic Chemistry</td>
<td>4</td>
</tr>
<tr>
<td>30284</td>
<td>Introduction to Biological Chemistry</td>
<td>4</td>
</tr>
<tr>
<td>GEOG 41073</td>
<td>Conservation of Natural Resources</td>
<td>3</td>
</tr>
<tr>
<td>GEOL***34061</td>
<td>Invertebrate Paleontology</td>
<td>4</td>
</tr>
</tbody>
</table>

#### Physics Concentration

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSCI 20140</td>
<td>Cell Biology</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 10030</td>
<td>Chemistry in Our World</td>
<td>3</td>
</tr>
<tr>
<td>40567</td>
<td>Basic Physical Chemistry</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 41073</td>
<td>Conservation of Natural Resources</td>
<td>3</td>
</tr>
<tr>
<td>GEOL 41025</td>
<td>Geophysics</td>
<td>3</td>
</tr>
<tr>
<td>MATH 12003</td>
<td>Analytic Geometry and Calculus II</td>
<td>5</td>
</tr>
<tr>
<td>PHY 30020</td>
<td>Intermediate Physics Laboratory</td>
<td>2</td>
</tr>
<tr>
<td>32511</td>
<td>Electronics</td>
<td>4</td>
</tr>
<tr>
<td>36001</td>
<td>Modern Physics I</td>
<td>3</td>
</tr>
<tr>
<td>PHY 21430</td>
<td>Frontiers in Astronomy (3)</td>
<td>3</td>
</tr>
<tr>
<td>24001</td>
<td>Astronomy (3)</td>
<td></td>
</tr>
</tbody>
</table>

### TOTAL

- Chemistry Concentration: 30-34 credits
- Earth Science Concentration: 30 credits
- Life Science Concentration: 33 credits
- Physics Concentration: 34 credits

*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.

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>I. General College or University Requirements</strong></td>
<td>1</td>
</tr>
<tr>
<td>US 10097 First Year Colloquium</td>
<td>1</td>
</tr>
<tr>
<td><strong>II. Liberal Education Requirements</strong></td>
<td>36-37</td>
</tr>
<tr>
<td>A complete list of Liberal Education Requirements (LER) courses is on Pages 85-87.</td>
<td></td>
</tr>
<tr>
<td><strong>Composition</strong></td>
<td></td>
</tr>
<tr>
<td>ENG 11011 College Writing I</td>
<td>3</td>
</tr>
<tr>
<td>21011 College Writing II</td>
<td>3</td>
</tr>
<tr>
<td><strong>Mathematics and Critical Reasoning</strong></td>
<td>3</td>
</tr>
<tr>
<td><strong>Humanities and Fine Arts</strong></td>
<td></td>
</tr>
<tr>
<td>HIST * 11050 History of Civilization I</td>
<td>3</td>
</tr>
<tr>
<td>* 11051 History of Civilization II</td>
<td>3</td>
</tr>
<tr>
<td>Fine arts LER course</td>
<td>3</td>
</tr>
<tr>
<td><strong>Social Sciences</strong></td>
<td></td>
</tr>
<tr>
<td>ECON 22060 Principles of Microeconomics</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 11762 General Psychology</td>
<td>3</td>
</tr>
<tr>
<td><strong>Basic Sciences</strong></td>
<td>6-7</td>
</tr>
<tr>
<td>Must include one laboratory course.</td>
<td></td>
</tr>
<tr>
<td><strong>Additional LER Courses</strong></td>
<td></td>
</tr>
<tr>
<td>ANTH* 18210 Introduction to Cultural Anthropology</td>
<td>3</td>
</tr>
<tr>
<td>ECON 22061 Principles of Macroeconomics</td>
<td>3</td>
</tr>
<tr>
<td><strong>Diversity Requirement</strong></td>
<td></td>
</tr>
<tr>
<td>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.</td>
<td></td>
</tr>
<tr>
<td><strong>III. Writing-Intensive Requirements</strong></td>
<td></td>
</tr>
<tr>
<td>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.</td>
<td></td>
</tr>
<tr>
<td><strong>IV. Core Coursework</strong></td>
<td>18</td>
</tr>
<tr>
<td>GEOG 10160 Introduction to Geography</td>
<td>3</td>
</tr>
<tr>
<td>HIST * 12070 History of the United States: The Formative Period</td>
<td>3</td>
</tr>
<tr>
<td>* 12071 History of the United States: The Modern Period</td>
<td>3</td>
</tr>
<tr>
<td>POL * 10100 American Politics</td>
<td>3</td>
</tr>
<tr>
<td>SOC * 12050 Introduction to Sociology</td>
<td>3</td>
</tr>
<tr>
<td><strong>V. Professional Coursework</strong></td>
<td>27</td>
</tr>
<tr>
<td>ADED** 32142 Principles of Teaching Adolescents</td>
<td>3</td>
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<tr>
<td>(Offered only in fall.)</td>
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</tr>
<tr>
<td>32275 Social Studies Education and the Social Sciences</td>
<td>3</td>
</tr>
<tr>
<td>(Offered only in spring.)</td>
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</tr>
<tr>
<td>42275 Teaching Social Studies in Secondary Schools</td>
<td>3</td>
</tr>
<tr>
<td>42292 Field Work Practicum</td>
<td>3</td>
</tr>
<tr>
<td>C&amp;I 47330 Reading and Writing in Adolescence/Adulthood</td>
<td>3</td>
</tr>
<tr>
<td>EDPF 29525 Educational Psychology</td>
<td>3</td>
</tr>
<tr>
<td>29535 Education in a Democratic Society</td>
<td>3</td>
</tr>
<tr>
<td>ITEC 19525 Educational Technology</td>
<td>3</td>
</tr>
<tr>
<td>SPED* 23000 Introduction to Exceptionalities</td>
<td>3</td>
</tr>
<tr>
<td><strong>VI. Student Teaching Block</strong></td>
<td>12</td>
</tr>
<tr>
<td>ADED 42357 Secondary Student Teaching</td>
<td>9</td>
</tr>
<tr>
<td>(Offered only in spring.)</td>
<td></td>
</tr>
<tr>
<td>49525 Inquiry into Professional Practice</td>
<td>3</td>
</tr>
<tr>
<td><strong>VII. Core Requirements for All Concentration</strong></td>
<td>12-18</td>
</tr>
<tr>
<td>Students should take all the requirements, except for the curriculum area they are pursuing as a concentration (e.g., students taking the sociology concentration should not take the sociology requirement in this category).</td>
<td></td>
</tr>
<tr>
<td><strong>Geography Requirement</strong></td>
<td></td>
</tr>
<tr>
<td>Students taking the geography concentration should not take this requirement.</td>
<td></td>
</tr>
<tr>
<td>Choose from the following:</td>
<td></td>
</tr>
<tr>
<td>GEOG* 32080 Politics and Place</td>
<td>3</td>
</tr>
<tr>
<td>34070 Economic Geography</td>
<td>3</td>
</tr>
<tr>
<td>* 36065 Cities and Urbanization</td>
<td>3</td>
</tr>
<tr>
<td>* 37040 Geography of Africa</td>
<td>3</td>
</tr>
<tr>
<td>37050 Geography of Russia and the Commonwealth States</td>
<td>3</td>
</tr>
<tr>
<td>* 37066 Geography of Europe</td>
<td>3</td>
</tr>
<tr>
<td>* 37070 Geography of East and Southeast Asia</td>
<td>3</td>
</tr>
<tr>
<td>* 37079 Geography of South Asia</td>
<td>3</td>
</tr>
<tr>
<td>* 37084 Geography of South America</td>
<td>3</td>
</tr>
<tr>
<td>* 37085 Geography of Central America and Mexico</td>
<td>3</td>
</tr>
<tr>
<td>41073 Conservation of Natural Resources</td>
<td>3</td>
</tr>
<tr>
<td>42064 Historical Geography of the United States and Canada</td>
<td>3</td>
</tr>
<tr>
<td><strong>History Requirement</strong></td>
<td></td>
</tr>
<tr>
<td>Students taking the history concentration should not take this requirement.</td>
<td></td>
</tr>
<tr>
<td>Choose from the following:</td>
<td></td>
</tr>
<tr>
<td>HIST 31061 Ohio History</td>
<td>3</td>
</tr>
<tr>
<td>41087 Progressive America: The United States, 1896-1919</td>
<td>3</td>
</tr>
</tbody>
</table>
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)

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)
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 Requirements

US 10097 First Year Colloquium

II. Liberal Education Requirements

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

Composition
ENG 11011 College Writing I
ENG 21011 College Writing II

Mathematics and Critical Reasoning
MATH 14001 Basic Mathematical Concepts I
MATH 14002 Basic Mathematical Concepts II

Humanities and Fine Arts
THEA* 11000 The Art of the Theatre

Choose from the following: 6
ENG 21054 Introduction to Shakespeare (3)
22071 Great Books I (3)
22072 Great Books II (3)

Social Sciences
PSYC 11762 General Psychology

Social sciences LER course

Basic Sciences 6-7

Must include one laboratory course.

Additional LER Courses
COMM 15000 Introduction to Human Communication
JMC * 20001 Media, Power and Culture

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 Coursework

C&I 47501 Teaching Mathematics in Early and Middle Grades
47502 Science Teaching in Early and Middle Grades
EDPF 29525 Educational Psychology
29535 Education in a Democratic Society
HED 42575 Health and Learning
ITEC 19525 Educational Technology
SP&A 34104 Speech and Language Development
34105 Phonemic Bases of Speech and Language
43600 Fundamentals of Educational Audiology
SPED 19201 American Sign Language I (or ASL 29201)
19202 American Sign Language II (or ASL 29202)
* 23000 Introduction to Exceptionalities
29201 American Sign Language III (or ASL 29201)
29202 American Sign Language IV (or ASL 29202)
43010 Family and Professional Collaboration
** 43020 Assessment in Special Education
43030 Class and Behavior Management I: Theory and Techniques
43031 Classroom and Behavior Management II: Application and Teaching Social Skills
43092 Deaf Residential School Internship
** 4309 Introduction to Deaf Studies
*** 43310 Language Instruction for Deaf/Hard-of-Hearing Students
**** 43311 Instructional Strategies for Deaf/Hard-of-Hearing Students with Special Needs
**** 43313 Literacy Assessment and Intervention for Deaf/Hard-of-Hearing Students
**** 43319 Instructional Approaches and Placements for Deaf/Hard-of-Hearing Students
*** 43324 Curriculum Methods and Materials for Deaf/Hard-of-Hearing Students
43392 Practicum: Deaf Education (with SPED 43310)
43392 Practicum: Deaf Education (with SPED 43311)
43392 Practicum: Deaf Education (with SPED 43313)
43392 Practicum: Deaf Education (with SPED 43319)
43392 Practicum: Deaf Education (with SPED 43324)

Choose from the following: 3
C&I 47504 Teaching Reading and Writing in Middle Grades
ECED** 40126 Developmental Reading and Writing:
Early Years (3)
College of Education, Health, and Human Services

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
   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
   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 ..................................................... 6-7
   Must include one laboratory course.

   Additional LER Courses
   COMM 15000 Introduction to Human Communication ........... 3
   PSYC 20651 Child Psychology ..................................... 3

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 .........................................77
   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
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.
### IV. Professional Coursework

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECON 22060</td>
<td>Principles of Microeconomics</td>
<td>3</td>
</tr>
<tr>
<td>MATH 11022</td>
<td>Trigonometry</td>
<td>2</td>
</tr>
<tr>
<td>MATH 12003</td>
<td>Analytic Geometry and Calculus I</td>
<td>5</td>
</tr>
<tr>
<td>SPED 43020</td>
<td>Assessment in Special Education</td>
<td>3</td>
</tr>
<tr>
<td>MCED 40001</td>
<td>Teaching Mathematics in Middle Childhood I</td>
<td>3</td>
</tr>
<tr>
<td>MCED 40002</td>
<td>Teaching Science in Middle Childhood II</td>
<td>3</td>
</tr>
<tr>
<td>MCED 40006</td>
<td>Teaching Mathematics in Middle Childhood II</td>
<td>3</td>
</tr>
<tr>
<td>MCED 40007</td>
<td>Teaching Reading with Literacy in Middle Childhood</td>
<td>3</td>
</tr>
<tr>
<td>MCED 40008</td>
<td>Teaching Reading in Middle Childhood</td>
<td>3</td>
</tr>
<tr>
<td>MCED 42357</td>
<td>Student Teaching in Middle Childhood</td>
<td>5</td>
</tr>
<tr>
<td>SPED 43981</td>
<td>Student Teaching Special Education</td>
<td>5</td>
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</tbody>
</table>

### V. Student Teaching Semester

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>CHDS 20092</td>
<td>Field Experience I: Middle Childhood</td>
<td>1</td>
</tr>
<tr>
<td>HDFS 24013</td>
<td>Early Adolescence</td>
<td>3</td>
</tr>
<tr>
<td>MCED 30001</td>
<td>Teaching Mathematics in Middle Childhood I</td>
<td>3</td>
</tr>
<tr>
<td>EDPF 29525</td>
<td>Educational Psychology</td>
<td>3</td>
</tr>
<tr>
<td>ITEL 19525</td>
<td>Educational Technology</td>
<td>3</td>
</tr>
<tr>
<td>MCED 40005</td>
<td>Effective Use of Phonics</td>
<td>3</td>
</tr>
<tr>
<td>SPED 43000</td>
<td>Introduction to Exceptionalities</td>
<td>3</td>
</tr>
<tr>
<td>** 43020</td>
<td>Assessment in Special Education</td>
<td>3</td>
</tr>
<tr>
<td>43529</td>
<td>Nature and Needs of Gifted</td>
<td>3</td>
</tr>
<tr>
<td>43530</td>
<td>Instructional Processes for Gifted Children</td>
<td>3</td>
</tr>
<tr>
<td>43534</td>
<td>Social and Emotional Components of Giftedness</td>
<td>3</td>
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<tr>
<td>** 43000</td>
<td>Reading and Writing in Middle Childhood</td>
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</tbody>
</table>

### Block I

( Must be taken concurrently.)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>CHDS 20092</td>
<td>Field Experience I: Middle Childhood</td>
<td>1</td>
</tr>
<tr>
<td>HDFS 24013</td>
<td>Early Adolescence</td>
<td>3</td>
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</table>

### Block II

( Offered only in fall semester.)

<table>
<thead>
<tr>
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<th>Course Title</th>
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<tr>
<td>MCED 30001</td>
<td>Teaching Mathematics in Middle Childhood I</td>
<td>3</td>
</tr>
<tr>
<td>30002</td>
<td>Integrated Social Studies and Science in Middle Childhood</td>
<td>3</td>
</tr>
<tr>
<td>31000</td>
<td>Teaching and Learning in Middle Childhood</td>
<td>3</td>
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<tr>
<td>** 40006</td>
<td>Reading and Writing in Middle Childhood</td>
<td>6</td>
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</table>

### Block III

( Offered only in spring semester.)

<table>
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<th>Course Title</th>
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<tbody>
<tr>
<td>MCED 40007</td>
<td>Teaching Reading with Literacy in Middle Childhood</td>
<td>3</td>
</tr>
<tr>
<td>41000</td>
<td>Curriculum and Organization Middle Childhood</td>
<td>3</td>
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### V. Student Teaching Semester

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MCED 42357</td>
<td>Student Teaching in Middle Childhood</td>
<td>5</td>
</tr>
<tr>
<td>49525</td>
<td>Inquiry into Professional Practice</td>
<td>3</td>
</tr>
<tr>
<td>SPED 43981</td>
<td>Student Teaching Special Education</td>
<td>5</td>
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### VI. Select two options

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>MATH 11022</td>
<td>Trigonometry</td>
<td>2</td>
</tr>
<tr>
<td>12002</td>
<td>Analytic Geometry and Calculus I</td>
<td>5</td>
</tr>
<tr>
<td>34001</td>
<td>Fundamental Concepts of Algebra</td>
<td>3</td>
</tr>
<tr>
<td>34002</td>
<td>Fundamental Concepts of Geometry</td>
<td>3</td>
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<tr>
<td>MATH 10041</td>
<td>Elementary Probability and Statistics</td>
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<tr>
<td>30011</td>
<td>Basic Probability and Statistics</td>
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<tr>
<td>MATH 12003</td>
<td>Analytic Geometry and Calculus II</td>
<td>5</td>
</tr>
<tr>
<td>21001</td>
<td>Linear algebra with Applications</td>
<td>3</td>
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<tr>
<td>22005</td>
<td>Analytic Geometry and Calculus III</td>
<td>3</td>
</tr>
<tr>
<td>31011</td>
<td>Discrete Mathematics</td>
<td>3</td>
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<tr>
<td>MCED 40001</td>
<td>Teaching Mathematics in Middle Childhood II</td>
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</table>

### Reading/Language Arts Option

<table>
<thead>
<tr>
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<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>ENG 25002</td>
<td>Literature in English II</td>
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<tr>
<td>ENG 21001</td>
<td>Introduction to Ethnic Literature of the United States</td>
<td>3</td>
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<tr>
<td>ENG 21002</td>
<td>Introduction to Women's Literature</td>
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<tr>
<td>ENG 31001</td>
<td>Fundamentals of English Grammar</td>
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<tr>
<td>31003</td>
<td>Linguistics</td>
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<tr>
<td>COMM 26000</td>
<td>Criticism of Public Discourse</td>
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### Science Option

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>MCED 40002</td>
<td>Teaching Science in Middle Childhood II</td>
<td>3</td>
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<tr>
<td>MCED 40006</td>
<td>Teaching Mathematics in Middle Childhood II</td>
<td>3</td>
</tr>
<tr>
<td>BSCI 10002</td>
<td>Ecology, Evolution and Society</td>
<td>3</td>
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<tr>
<td>CHEM 10600</td>
<td>General Chemistry I (4)</td>
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</tr>
<tr>
<td>10062</td>
<td>General Chemistry I Laboratory (1)</td>
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<tr>
<td>PHY 13001</td>
<td>General College Physics</td>
<td>5</td>
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<tr>
<td>GEOL 11040</td>
<td>Earth Dynamics (3)</td>
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<tr>
<td>11041</td>
<td>Earth Dynamics Laboratory (1)</td>
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<tr>
<td>GEOL 11042</td>
<td>Earth History (3)</td>
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<tr>
<td>11043</td>
<td>Earth History Laboratory (1)</td>
<td>1</td>
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<tr>
<td>ANTH 18630</td>
<td>Human Evolution</td>
<td>3</td>
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<tr>
<td>BSCI 10110</td>
<td>Biological Diversity (4)</td>
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<tr>
<td>20021</td>
<td>Basic Microbiology</td>
<td>3</td>
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<tr>
<td>20275</td>
<td>Local Flora (4)</td>
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<tr>
<td>GEOG 41073</td>
<td>Conservation of Natural Resources</td>
<td>3</td>
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<tr>
<td>GEOL 21080</td>
<td>Oceanography (3)</td>
<td>3</td>
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<tr>
<td>31062</td>
<td>Geology of Ohio</td>
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</tr>
<tr>
<td>41073</td>
<td>Geology of Ohio</td>
<td>3</td>
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</tbody>
</table>

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2007-2008 Kent State University Undergraduate Catalog
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 Requirements

US 10097 First Year Colloquium

II. Liberal Education Requirements

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

Composition
ENG 11011 College Writing I
ENG 21011 College Writing II

Mathematics and Critical Reasoning
MATH 14001 Basic Mathematical Concepts I
MATH 14002 Basic Mathematical Concepts II

Humanities and Fine Arts
THEA* 11000 The Art of the Theatre
Choose from the following:
ENG 21054 Introduction to Shakespeare
22071 Great Books I
22072 Great Books II

Social Sciences
Must be selected from two curricular areas.
PSYC 11762 General Psychology
Social sciences LER course

Basic Sciences
Must include one laboratory course.

Additional LER Courses
COMM 15000 Introduction to Human Communication
JMC * 20001 Media, Power and Culture

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  
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  

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>C&amp;I 47501 Teaching Mathematics in Early and Middle Grades</td>
<td>3</td>
</tr>
<tr>
<td>47502 Science Teaching in Early and Middle Grades</td>
<td>3</td>
</tr>
<tr>
<td>47503 Teaching Social Studies in Early and Middle Grades</td>
<td>3</td>
</tr>
<tr>
<td>47504 Teaching Reading and Writing in Middle Grades</td>
<td>3</td>
</tr>
<tr>
<td>ECED 40105 Appropriate Phonics Instruction for Kindergarten and Primary Children</td>
<td>3</td>
</tr>
<tr>
<td>** 40126 Developmental Reading and Writing: Early Years</td>
<td>3</td>
</tr>
<tr>
<td>EDPF 29525 Educational Psychology</td>
<td>3</td>
</tr>
<tr>
<td>29535 Education in a Democratic Society</td>
<td>3</td>
</tr>
<tr>
<td>HED 42575 Health and Learning</td>
<td>3</td>
</tr>
<tr>
<td>ITEC 19525 Educational Technology</td>
<td>3</td>
</tr>
<tr>
<td>MCED 40007 Teaching Reading with Literature</td>
<td>3</td>
</tr>
<tr>
<td>SP&amp;A 34104 Speech and Language Development</td>
<td>3</td>
</tr>
<tr>
<td><strong>SPED</strong> 23000 Introduction to Exceptionalities</td>
<td>3</td>
</tr>
<tr>
<td>43010 Family and Professional Collaboration</td>
<td>3</td>
</tr>
<tr>
<td>** ** 40320 Assessment in Special Education</td>
<td>3</td>
</tr>
<tr>
<td>40309 Classroom and Behavioral Management I</td>
<td>3</td>
</tr>
<tr>
<td>40303 Classroom and Behavioral Management II</td>
<td>3</td>
</tr>
<tr>
<td>40404 Language and Reading Special Education</td>
<td>3</td>
</tr>
<tr>
<td>40505 Characteristics of Students with Mild/Moderate Intervention Needs</td>
<td>3</td>
</tr>
<tr>
<td>43060 Curriculum/Methods Classroom Instruction: Mild/Moderate Intervention</td>
<td>3</td>
</tr>
<tr>
<td>43062 Curriculum Methods II: Mild/Moderate Intervention</td>
<td>3</td>
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<tr>
<td>43070 Planning and Programming for Transitions</td>
<td>3</td>
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<tr>
<td>43992 Field Experience Special Education</td>
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<tr>
<td>44092 Field Experience in Mild/Moderate Intervention</td>
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### VI. Student Teaching Block  

<table>
<thead>
<tr>
<th>Course</th>
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<tbody>
<tr>
<td>SPED 43981 Student Teaching Special Education</td>
<td>9</td>
</tr>
<tr>
<td>49525 Inquiry into Professional Practice</td>
<td>3</td>
</tr>
</tbody>
</table>

**Course fulfills writing-intensive requirement.**

**Course fulfills diversity 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 Requirements  

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>US 10097 First Year Colloquium</td>
<td>1</td>
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### II. Liberal Education Requirements  

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

#### Composition

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>ENG 11011 College Writing I</td>
<td>3</td>
</tr>
<tr>
<td>ENG 21011 College Writing II</td>
<td>3</td>
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</tbody>
</table>

#### Mathematics and Critical Reasoning

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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<tbody>
<tr>
<td>MATH 14001 Basic Mathematical Concepts I</td>
<td>4</td>
</tr>
<tr>
<td>MATH 14002 Basic Mathematical Concepts II</td>
<td>4</td>
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</table>

#### Humanities and Fine Arts

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>THEA* 11000 The Art of the Theatre</td>
<td>3</td>
</tr>
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</table>

Choose from the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 21054 Introduction to Shakespeare (3)</td>
<td>6</td>
</tr>
<tr>
<td>22071 Great Books I (3)</td>
<td>3</td>
</tr>
<tr>
<td>22072 Great Books II (3)</td>
<td>3</td>
</tr>
</tbody>
</table>

#### Social Sciences

**Must be selected from two curricular areas.**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>PSYC 11762 General Psychology</td>
<td>3</td>
</tr>
<tr>
<td>Social sciences LER course</td>
<td>3</td>
</tr>
</tbody>
</table>

#### Basic Sciences

**Must include one laboratory course.**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMM 15000 Introduction to Human Communication</td>
<td>3</td>
</tr>
<tr>
<td>** JMC * 20001 Media, Power and Culture</td>
<td>3</td>
</tr>
</tbody>
</table>

#### 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 Coursework

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>C&amp;I 47501</td>
<td>Teaching Mathematics in Early and Middle Grades</td>
<td>3</td>
</tr>
<tr>
<td>ESED 40105</td>
<td>Appropriate Phonics Instruction for Kindergarten and Primary Children</td>
<td>3</td>
</tr>
<tr>
<td>** 40126</td>
<td>Developmental Reading and Writing: Early Years</td>
<td>3</td>
</tr>
<tr>
<td>EDPF 29525</td>
<td>Educational Psychology</td>
<td>3</td>
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<tr>
<td>29535</td>
<td>Education in a Democratic Society</td>
<td>3</td>
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<tr>
<td>HED 42575</td>
<td>Health and Learning</td>
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<tr>
<td>ITEC 19525</td>
<td>Educational Technology</td>
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<td>PEP 25033</td>
<td>Lifespan Motor Development</td>
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<td>SP&amp;A 34104</td>
<td>Speech and Language Development</td>
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<tr>
<td>SPED 19201</td>
<td>American Sign Language I (or ASL 19201)</td>
<td>4</td>
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<tr>
<td>* 23000</td>
<td>Introduction to Exceptionalities</td>
<td>3</td>
</tr>
<tr>
<td>43010</td>
<td>Family and Professional Collaboration</td>
<td>3</td>
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<tr>
<td>** 43020</td>
<td>Assessment in Special Education</td>
<td>3</td>
</tr>
<tr>
<td>43030</td>
<td>Classroom and Behavioral Management I</td>
<td>3</td>
</tr>
<tr>
<td>43031</td>
<td>Classroom and Behavioral Management II</td>
<td>3</td>
</tr>
<tr>
<td>43040</td>
<td>Language and Reading Special Education</td>
<td>3</td>
</tr>
<tr>
<td>43051</td>
<td>Characteristics Moderate/Intensive</td>
<td>3</td>
</tr>
<tr>
<td>43061</td>
<td>Curriculum Methods, Moderate/Intensive</td>
<td>3</td>
</tr>
<tr>
<td>43062</td>
<td>Curriculum Methods II: Moderate/Intensive</td>
<td>3</td>
</tr>
<tr>
<td>43070</td>
<td>Planning Program for Transition</td>
<td>3</td>
</tr>
<tr>
<td>43080</td>
<td>Assistive Technology for Students with Disabilities</td>
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</tr>
<tr>
<td>43992</td>
<td>Field Experience Special Education</td>
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<tr>
<td>44192</td>
<td>Field Experience for Moderate/Intensive Intervention Specialist</td>
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</table>

V. Student Teaching Block

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPED 43981</td>
<td>Student Teaching Special Education</td>
<td>9</td>
</tr>
<tr>
<td>49525</td>
<td>Inquiry into Professional Practice</td>
<td>3</td>
</tr>
</tbody>
</table>

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.

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B.S.E. in Life Science

<table>
<thead>
<tr>
<th>I. General College or University Requirements</th>
<th>1</th>
</tr>
</thead>
<tbody>
<tr>
<td>US 10097 First Year Colloquium</td>
<td>1</td>
</tr>
</tbody>
</table>

II. Liberal Education Requirements

<table>
<thead>
<tr>
<th>Composition</th>
<th>3</th>
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</thead>
<tbody>
<tr>
<td>ENG 11011 College Writing I</td>
<td>3</td>
</tr>
<tr>
<td>21011 College Writing II</td>
<td>3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Mathematics and Critical Reasoning</th>
<th>3</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH*11010 Algebra for Calculus</td>
<td>3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Humanities and Fine Arts</th>
<th>3</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMM**26000 Criticism of Public Discourse</td>
<td>3</td>
</tr>
<tr>
<td>PHIL**11001 Introduction to Philosophy</td>
<td>3</td>
</tr>
<tr>
<td>Fine arts LER course</td>
<td>3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Social Sciences</th>
<th>3</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSYC 11762 General Psychology</td>
<td>3</td>
</tr>
<tr>
<td>SOC**12050 Introduction to Sociology</td>
<td>3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Basic Sciences</th>
<th>3</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHY 11030 Seven Ideas that Shook the Universe</td>
<td>3</td>
</tr>
<tr>
<td>13001 General College Physics I</td>
<td>5</td>
</tr>
</tbody>
</table>

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 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.

IV. Mathematics Requirements

<table>
<thead>
<tr>
<th>Mathematics Requirements</th>
<th>10</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH*11022 Trigonometry</td>
<td>2</td>
</tr>
<tr>
<td>12002 Analytic Geometry and Calculus I</td>
<td>5</td>
</tr>
</tbody>
</table>

Choose from the following: 3

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 10041</td>
<td>Elementary Probability and Statistics (3)</td>
<td>3</td>
</tr>
<tr>
<td>30011</td>
<td>Basic Probability and Statistics (3)</td>
<td>3</td>
</tr>
</tbody>
</table>

V. Major Requirements

<table>
<thead>
<tr>
<th>BSCI 10110</th>
<th>Biological Diversity</th>
<th>4</th>
</tr>
</thead>
<tbody>
<tr>
<td>10120</td>
<td>Biological Foundations</td>
<td>4</td>
</tr>
<tr>
<td>20140</td>
<td>Cell Biology</td>
<td>4</td>
</tr>
</tbody>
</table>

TOTAL 130-131
College of Education, Health, and Human Services

30156 Elements of Genetics ................................3
30360 General Ecology ...........................................3
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
GEOL 41073 Conservation of Natural Resources ............3
GEOL***34061 Invertebrate Paleontology ..................4
(Prerequisite is waived for life science majors.)
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
(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 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
CDMM**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
CDMM 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 CDMM 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 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
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
20111 College Writing II .......................................... 3

Mathematics and Critical Reasoning ................................. 3

Humanities and Fine Arts
HIST * 11050 History of Civilization I .............................. 3

Fine arts LER course ............................................. 3

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. 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.

III. Writing-Intensive Requirement
Students must complete a one-course writing-intensive require-
ment 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 .......................................... 33

BUS 10123 Exploring Business .................................... 3
M&IS 24053 Introduction to Computer Applications .............. 3
MKTG 25010 Marketing ........................................... 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

*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
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
   - US 10097 First Year Colloquium

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

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDPF 29525</td>
<td>Educational Psychology</td>
<td>3</td>
</tr>
<tr>
<td>29535</td>
<td>Education in a Democratic Society</td>
<td>3</td>
</tr>
<tr>
<td>HED 42575</td>
<td>Health and Learning: Strategies</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>for Students and Teachers</td>
<td></td>
</tr>
<tr>
<td>ITEC 19525</td>
<td>Educational Technology</td>
<td>3</td>
</tr>
<tr>
<td>MCED 40005</td>
<td>Effective Use of Phonics in Reading</td>
<td>3</td>
</tr>
<tr>
<td>SPED* 23000</td>
<td>Introduction to Exceptionalities</td>
<td>3</td>
</tr>
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</table>

Block I
Courses in Block I must be taken together in same semester.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHDS 20092</td>
<td>Field Experience I: Middle Childhood</td>
<td>1</td>
</tr>
<tr>
<td>HDFS 24013</td>
<td>Early Adolescence</td>
<td>3</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MCED 30001</td>
<td>Teaching Mathematics in Middle Childhood I</td>
<td>3</td>
</tr>
<tr>
<td>30002</td>
<td>Integrated Social Studies and Science in Middle Childhood</td>
<td>3</td>
</tr>
<tr>
<td>31000</td>
<td>Teaching and Learning in Middle Childhood</td>
<td>3</td>
</tr>
<tr>
<td>** 40006</td>
<td>Reading and Writing in Middle Childhood</td>
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</table>

Block III
Second methods block. Offered only during the spring semester.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MCED 40007</td>
<td>Teaching Reading with Literature in Middle Childhood</td>
<td>3</td>
</tr>
<tr>
<td>41000</td>
<td>Curriculum and Organization in Middle Childhood</td>
<td>3</td>
</tr>
</tbody>
</table>

V. Student Teaching Semester

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MCED 42358</td>
<td>Student Teaching Middle Childhood</td>
<td>9</td>
</tr>
<tr>
<td>49525</td>
<td>Inquiry into Professional Practice</td>
<td>3</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>*Course fulfills diversity requirement.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>**Course fulfills writing-intensive requirement</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 11022</td>
<td>Trigonometry</td>
<td>2</td>
</tr>
<tr>
<td>12002</td>
<td>Analytic Geometry and Calculus I</td>
<td>5</td>
</tr>
<tr>
<td>34001</td>
<td>Fundamental Concepts of Algebra</td>
<td>3</td>
</tr>
<tr>
<td>34002</td>
<td>Fundamental Concepts of Geometry</td>
<td>3</td>
</tr>
<tr>
<td>MCED 40001</td>
<td>Teaching Mathematics in Middle Childhood I</td>
<td>3</td>
</tr>
<tr>
<td>Choose from the following: .................................. 3</td>
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<td></td>
</tr>
<tr>
<td>MATH 10041</td>
<td>Elementary Probability and Statistics (3)</td>
<td>3</td>
</tr>
<tr>
<td>30011</td>
<td>Basic Probability and Statistics (3)</td>
<td>3</td>
</tr>
<tr>
<td>Choose from the following: .................................. 3-5</td>
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<td></td>
</tr>
<tr>
<td>MATH 12003</td>
<td>Analytic Geometry and Calculus II (5)</td>
<td>5</td>
</tr>
<tr>
<td>21001</td>
<td>Linear Algebra with Applications (3)</td>
<td>3</td>
</tr>
<tr>
<td>31011</td>
<td>Discrete Mathematics</td>
<td>3</td>
</tr>
</tbody>
</table>

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

Reading/Language Arts Concentration

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 25002</td>
<td>Literature in English II</td>
<td>3</td>
</tr>
<tr>
<td>Choose from the following: .................................. 3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENG * 21001</td>
<td>Introduction to Ethnic Literature of the U.S. (3)</td>
<td>3</td>
</tr>
<tr>
<td>* 21002</td>
<td>Introduction to Women’s Literature (3)</td>
<td>3</td>
</tr>
<tr>
<td>Choose from the following: .................................. 3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENG 31001</td>
<td>Fundamentals of English Grammar (3)</td>
<td>3</td>
</tr>
<tr>
<td>31003</td>
<td>Linguistics (3)</td>
<td>3</td>
</tr>
<tr>
<td>Choose from the following: .................................. 3</td>
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<td></td>
</tr>
<tr>
<td>COMM*26000</td>
<td>Criticism of Public Discourse (3)</td>
<td>3</td>
</tr>
<tr>
<td>JMC * 20001</td>
<td>Media, Power and Culture (3)</td>
<td>3</td>
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</tbody>
</table>

Science Concentration

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MCED 40002</td>
<td>Teaching Science in Middle Childhood II</td>
<td>3</td>
</tr>
<tr>
<td>Choose from the following: .................................. 3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ANTH 18630</td>
<td>Human Evolution (3)</td>
<td>3</td>
</tr>
<tr>
<td>BSCI 10002</td>
<td>Ecology, Evolution and Society (3)</td>
<td>3</td>
</tr>
</tbody>
</table>

*Course fulfills diversity requirement.
**Course fulfills writing-intensive requirement.
College of Education, Health, and Human Services

**Physical Science**

Choose one series: .......................... 5

- CHEM 10060 General Chemistry I (4)
  10062 General Chemistry I Laboratory (1)
- 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**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit</th>
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</thead>
<tbody>
<tr>
<td>HIST * 11050 History of Civilization I</td>
<td>3</td>
</tr>
<tr>
<td>HIST * 11051 History of Civilization II</td>
<td>3</td>
</tr>
<tr>
<td>MCED 40003 Teaching Social Studies in Middle Childhood</td>
<td>3</td>
</tr>
<tr>
<td>POL 10100 American Politics</td>
<td>3</td>
</tr>
<tr>
<td>Choose from the following: ....</td>
<td>3</td>
</tr>
<tr>
<td>ANTH* 18210 Introduction to Cultural Anthropology</td>
<td>3</td>
</tr>
<tr>
<td>SOC * 12050 Introduction to Sociology</td>
<td>3</td>
</tr>
<tr>
<td>Choose from the following: ......</td>
<td>3</td>
</tr>
<tr>
<td>POL * 10500 World Politics (3)</td>
<td></td>
</tr>
<tr>
<td>* 30520 European Politics (3)</td>
<td></td>
</tr>
<tr>
<td>* 30540 African Politics (3)</td>
<td></td>
</tr>
<tr>
<td>* 30550 Latin American Politics (3)</td>
<td></td>
</tr>
<tr>
<td>ANTH 38250 Religion: A Search for Meaning</td>
<td>3</td>
</tr>
<tr>
<td>48210 Culture and Communication (3)</td>
<td></td>
</tr>
</tbody>
</table>

**8.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

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

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

2007-2008 Kent State University Undergraduate Catalog
College of Education, Health, and Human Services

- 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
   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 ..................................................................................... 6
   Must be selected from two curricular areas.
   ECON 22060 Principles of Microeconomics ......................................... 3
   LER course ......................................................................................... 3
   Basic Sciences ..................................................................................... 6-7
   Must include one laboratory course.
   Additional LER Courses ......................................................................... 6
   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 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.

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 HM 43027. A complete list of writing-intensive courses is on Pages 93-95.

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) ................................................................. 3
   41095 Special Topics (1-4) ............................................................... 3
   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&S 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
   Elective credit hours vary depending on practicum hours chosen.
   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.
College of Education, Health, and Human Services

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

II. Liberal Education Requirements ............................. 41
   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 10099 Modeling Algebra ............................... 4

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

   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
   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.

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 NUTR 43013. A complete list of writing-intensive courses is on Pages 92-95.

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

   NUTR 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
   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 I .................................... 3
   21011 College Writing II ....................................... 3

   Mathematics and Critical Reasoning
   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:
   Choose from the following: ....................................... 3-4
   MATH 11009 Modeling Algebra (4)
   11010 Algebra for Calculus (3)

   Humanities and Fine Arts ....................................... 9
   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 ........................................ 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 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**
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 Requirements

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HED 11570</td>
<td>Personal Health</td>
<td>3</td>
</tr>
<tr>
<td>HED 11590</td>
<td>Community Health</td>
<td>3</td>
</tr>
<tr>
<td>HED 21030</td>
<td>Introduction to Health Education</td>
<td>3</td>
</tr>
<tr>
<td>HED 21050</td>
<td>Health Behavior and Advocacy</td>
<td>3</td>
</tr>
<tr>
<td>32530</td>
<td>Drug Use and Misuse</td>
<td>3</td>
</tr>
<tr>
<td>32544</td>
<td>Human Sexuality</td>
<td>3</td>
</tr>
<tr>
<td>44544</td>
<td>Sexual Health Promotion</td>
<td>3</td>
</tr>
<tr>
<td>44550</td>
<td>Drug Abuse and Violence Prevention</td>
<td>3</td>
</tr>
</tbody>
</table>

### Health Physical Education Movement Experiences

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PEP 15013</td>
<td>Development and Analysis of Dance</td>
<td>2</td>
</tr>
<tr>
<td>PEP 15014</td>
<td>Development and Analysis of Gymnastic Skills</td>
<td>1</td>
</tr>
<tr>
<td>PEP 15015</td>
<td>Development and Analysis of Game Performance I</td>
<td>2</td>
</tr>
<tr>
<td>PEP 15016</td>
<td>Development and Analysis of Game Performance II</td>
<td>3</td>
</tr>
<tr>
<td>PEP 15017</td>
<td>Fundamental Locomotor and Manipulative Skills</td>
<td>1</td>
</tr>
<tr>
<td>PEP 15018</td>
<td>Development of Swimming and Aquatics Skills</td>
<td>1</td>
</tr>
<tr>
<td>PEP 15019</td>
<td>Development and Analysis of Track and Field</td>
<td>1</td>
</tr>
</tbody>
</table>

### Health and Physical Education Professional Requirements

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ATTR 35025</td>
<td>Essentials of Athletic Injury Management</td>
<td>1</td>
</tr>
<tr>
<td>C&amp;I 47330</td>
<td>Reading and Writing in Adolescence/Adulthood</td>
<td>3</td>
</tr>
<tr>
<td>EDPF 29525</td>
<td>Educational Psychology</td>
<td>3</td>
</tr>
<tr>
<td>HED 20000</td>
<td>Health Education for Early Childhood</td>
<td>3</td>
</tr>
<tr>
<td>32542</td>
<td>Methods and Applications of Health Education</td>
<td>5</td>
</tr>
<tr>
<td>34050</td>
<td>Program Planning and Evaluation in Health</td>
<td>3</td>
</tr>
<tr>
<td>42041</td>
<td>Health Counseling</td>
<td>3</td>
</tr>
<tr>
<td>44543</td>
<td>Administration of School Health Programs</td>
<td>3</td>
</tr>
<tr>
<td>ITEC 19525</td>
<td>Educational Technology</td>
<td>3</td>
</tr>
<tr>
<td>PEP 25025</td>
<td>Teaching in Physical Education</td>
<td>3</td>
</tr>
<tr>
<td>PEP 25026</td>
<td>Overview of Outdoor Pursuits and Adventure Education</td>
<td>3</td>
</tr>
<tr>
<td>PEP 25068</td>
<td>Measurement and Evaluation in Fitness and Sport</td>
<td>3</td>
</tr>
<tr>
<td>45037</td>
<td>Adapted Physical Education</td>
<td>3</td>
</tr>
<tr>
<td>45053</td>
<td>Elementary School Physical Education Methods</td>
<td>3</td>
</tr>
<tr>
<td>45052</td>
<td>Secondary School Physical Education Methods</td>
<td>3</td>
</tr>
</tbody>
</table>

### 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 Experiences

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PEP 15018</td>
<td>Development of Swimming and Aquatic Skills</td>
<td>1</td>
</tr>
</tbody>
</table>

### Concentration Requirements

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PEP 25058</td>
<td>Human Anatomy and Physiology II</td>
<td>3</td>
</tr>
<tr>
<td>25068</td>
<td>Measurement and Evaluation in Fitness and Sport</td>
<td>3</td>
</tr>
<tr>
<td>45015</td>
<td>Psychology of Coaching</td>
<td>3</td>
</tr>
<tr>
<td>45037</td>
<td>Adapted Physical Education</td>
<td>3</td>
</tr>
</tbody>
</table>

Choose from the following: 3 credits

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PEP 45092</td>
<td>Internship in Physical Education</td>
<td>3</td>
</tr>
<tr>
<td>45096</td>
<td>Individual Investigation in Physical Education</td>
<td>3</td>
</tr>
</tbody>
</table>

### Approved minor and electives

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>15</td>
</tr>
</tbody>
</table>

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 Experiences
- PEP 15013 Development and Analysis of Dance  
- 1
- PEP 15014 Development and Analysis of Gymnastics  
- 1
- PEP 15015 Development and Analysis of Game Performance I  
- 2
- PEP 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 Requirements
- 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 Block
- PEP 49525 Inquiry into Professional Practice in Physical Education  
- 3
- 49526 Student Teaching in Physical Education  
- 12

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**B.S.E. in Physical Science**

### I. General College or University Requirements
- 1

### II. Liberal Education Requirements
- Composition
- ENG 11011 College Writing I  
- 3

### III. Writing-Intensive Requirement
- Students must complete a one-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.

### IV. Mathematics Requirements
- MATH*11010 Algebra for Calculus  
- 3

### V. Major Requirements:
- BSCI 10120 Biological Foundations  
- 4
- CHEM 10061 General Chemistry I  
- 4
- 10062 General Chemistry I 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

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

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.

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
   ECON 22060 Principles of Microeconomics (3)
   PSYC 11762 General Psychology (3)
Basic Sciences ........................................6-7
   Must include one laboratory course.
   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**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCT 23020 Introduction to Financial Accounting</td>
<td>3</td>
</tr>
<tr>
<td>HDFS 41093 Workshop: Human Development and Family Studies</td>
<td>3</td>
</tr>
<tr>
<td>M&amp;IS 24053 Introduction to Computer Applications</td>
<td>3</td>
</tr>
<tr>
<td>RPTM 26010 Community Development in Recreation</td>
<td>3</td>
</tr>
<tr>
<td>26081 Principles of Outdoor Recreation</td>
<td>3</td>
</tr>
<tr>
<td>36010 Recreation, Leisure and Aging</td>
<td>3</td>
</tr>
<tr>
<td>36081 Adventure Education</td>
<td>3</td>
</tr>
<tr>
<td>36085 Leisure and Culture</td>
<td>3</td>
</tr>
<tr>
<td>36192 Practicum in Leisure Services Management</td>
<td>1</td>
</tr>
<tr>
<td>Physical education basic electives</td>
<td>3</td>
</tr>
<tr>
<td><strong>Electives</strong></td>
<td>12-13</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>40-41</td>
</tr>
</tbody>
</table>

**Tourism Management Concentration**

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

**Concentration Requirements**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HM 13024 Introduction to Hospitality Management</td>
<td>2</td>
</tr>
<tr>
<td>RPTM 26060 Introduction to Global Tourism</td>
<td>3</td>
</tr>
<tr>
<td>26081 Principles of Outdoor Recreation</td>
<td>3</td>
</tr>
<tr>
<td>36060 Commercial Recreation and Tourism</td>
<td>3</td>
</tr>
<tr>
<td>36192 Practicum in Leisure Services Management</td>
<td>1</td>
</tr>
<tr>
<td>46000 Tourism Development and Recreational Travel</td>
<td>3</td>
</tr>
<tr>
<td>SPAD 45022 Event Planning and Production</td>
<td>3</td>
</tr>
<tr>
<td>Physical education basic electives</td>
<td>3</td>
</tr>
<tr>
<td><strong>Electives</strong></td>
<td>1-2</td>
</tr>
<tr>
<td><strong>Business minor (see requirements on Page 248)</strong></td>
<td>18</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>40-41</td>
</tr>
</tbody>
</table>

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

I. General College or University Requirements

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>US 10097 First Year Colloquium</td>
<td>1</td>
</tr>
</tbody>
</table>

II. Liberal Education Requirements

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

<table>
<thead>
<tr>
<th>Composition</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 11011 College Writing I</td>
<td>3</td>
</tr>
<tr>
<td>21011 College Writing II</td>
<td>3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Mathematics and Critical Reasoning</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Humanities and Fine Arts</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum one course from humanities category and minimum one course from fine arts category.</td>
<td></td>
</tr>
<tr>
<td>Fine arts and/or humanities LER courses</td>
<td>6</td>
</tr>
<tr>
<td>Choose from the following:</td>
<td>3</td>
</tr>
<tr>
<td>PHIL * 11001 Introduction to Philosophy</td>
<td>3</td>
</tr>
<tr>
<td>* 21001 Introduction to Ethics</td>
<td>3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Social Sciences</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Must be selected from two curricular areas.</td>
<td></td>
</tr>
<tr>
<td>PSYC 11762 General Psychology</td>
<td>3</td>
</tr>
<tr>
<td>Social sciences LER course</td>
<td>3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Basic Sciences</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Must include one laboratory course.</td>
<td></td>
</tr>
<tr>
<td>BSCI 10001 Human Biology</td>
<td>3</td>
</tr>
<tr>
<td>Basic sciences course and laboratory</td>
<td>3-4</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Additional LER Courses</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMM 15000 Introduction to Human Communication</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 20651 Child Psychology</td>
<td>3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Diversity Requirement</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>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.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Writing-Intensive Requirement</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Students must complete 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.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Major Requirements</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HED 11570 Personal Health</td>
<td>3</td>
</tr>
<tr>
<td>11590 Community Health</td>
<td>3</td>
</tr>
<tr>
<td>20000 Health Education for Early Childhood</td>
<td>3</td>
</tr>
<tr>
<td>21030 Introduction to Health Education</td>
<td>3</td>
</tr>
</tbody>
</table>
College of Education, Health, and Human Services

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Semester Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>338</td>
<td>College of Education, Health, and Human Services</td>
<td></td>
</tr>
</tbody>
</table>

**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

II. Liberal Education Requirements

- Composition
  - Students pursuing teacher licensure must earn minimum C (2.0) grade in both courses.
  - ENG 11011 College Writing I
  - ENG 21011 College Writing II

- 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 Psychology

- Basic Sciences
  - Must include one laboratory course.

- Additional LER Courses
  - Must be selected from two categories.
  - COMM 15000 Introduction to Human Communication

- 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.

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

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

V. Health Education Requirements

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

VI. Health Physical Education Movement Experiences

PEP 15019 Development and Analysis of Track and Field 1
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 Requirements

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

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 Requirements

US 10097 First Year Colloquium

II. Liberal Education Requirements

Composition
ENG 11011 College Writing I
21011 College Writing II

Mathematics and Critical Reasoning

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.
College of Education, Health, and Human Services

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

VIII. Graduate Requirements
Consult school office for current graduate requirements.
Coursework at graduate level 40

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...
V. Major Requirements .............................................. 53

PEP * 25059 Sport in Society ................................. 3

** 35065 History and Philosophy of Sport ............... 3

RPTM 46080 Legal Issues in Sport and Recreation ....... 3

SPAD 15000 Introduction to Sport Administration ...... 2

25092 Practicum I in Sport Administration .............. 1

35021 Governance in Sport .................................. 3

35025 Facility Management .................................. 3

35092 Practicum II in Sport Administration ............. 1

45022 Event Planning and Production .................. 3

45023 Sport Marketing ......................................... 3

45024 Sport in Global Perspective ....................... 3

45026 Sport and the Media .................................. 3

45027 Public Relations and Promotion in Sport ........ 3

** 45030 Sport Enterprise .................................... 3

45091 Seminar for Internship Preparation ............. 1

45092 Internship in Sport Administration ............. 12

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. Electives ...................................................... 12

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.
**College of Education, Health, and Human Services**

* 45377 Career and Technical Education: Advanced Methodologies  
** 46001 Organization of Career and Technical Education  
* 46002 In-Service Teaching I  
* 46003 In-Service Teaching II  
* 46015 Methods of Career and Technology Education  
46019 Coordination of Career Technical Cooperative Education Programs  
* 46020 Curriculum Guide: Design and Application  
*** 46031 Student Teaching in Career Technical Education  
*** 49525 Inquiry into Professional Practice  
EDPF 29525 Educational Psychology  
HED 42575 Health and Learning: Strategies for Students and Teachers  
ITEC 47427 Technology and Learning  
SPED 23000 Introduction to Exceptionalities  
XXX** 49525 Inquiry into Professional Practice  
cease in students’ major department  
Methods courses in the students’ major area***  
Area-specific courses (cohort seminars)****  

**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  
42358 Student Teaching  
EDPF 29525 Educational Psychology  
29535 Education in a Democratic Society  
ITEC 19525 Educational Technology  
SPED 23000 Introduction to Exceptionalities  
XXX* 49525 Inquiry into Professional Practice  

course in students’ major department  
Methods courses in the students’ major area**  
Area-specific courses (cohort seminars)***  

**Total 43**

*Students in foreign languages take MCLS 40657 Student Teaching. Students in TESL take ENG 41008 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**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ATTR 35025</td>
<td>Essentials of Athletic Injury Management</td>
<td>1</td>
</tr>
<tr>
<td>PEP 25068</td>
<td>Measurement and Evaluation in Fitness and Sport</td>
<td>3</td>
</tr>
<tr>
<td>45015</td>
<td>Psychology of Coaching</td>
<td>3</td>
</tr>
<tr>
<td>45020</td>
<td>Contemporary Athletic Coaching</td>
<td>3</td>
</tr>
<tr>
<td>45021</td>
<td>Organization and Administration of Athletics</td>
<td>3</td>
</tr>
</tbody>
</table>

Choose from the following: 3 credits

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>HED * 32530</td>
<td>Drug Use and Misuse</td>
</tr>
<tr>
<td>NUTR 23511</td>
<td>Nutrition Related to Health</td>
</tr>
</tbody>
</table>

Choose from the following: 3 credits

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>PEP 25033</td>
<td>Lifespan Motor Development</td>
</tr>
<tr>
<td>35010</td>
<td>Psychological Dimensions of Motor Behavior</td>
</tr>
</tbody>
</table>

Choose from the following: 4 credits

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>PEP 35040</td>
<td>Coaching Football</td>
</tr>
<tr>
<td>35041</td>
<td>Coaching Soccer</td>
</tr>
<tr>
<td>35042</td>
<td>Coaching Volleyball</td>
</tr>
<tr>
<td>35043</td>
<td>Coaching Gymnastics</td>
</tr>
<tr>
<td>35044</td>
<td>Coaching Basketball</td>
</tr>
<tr>
<td>35045</td>
<td>Coaching Wrestling</td>
</tr>
<tr>
<td>35047</td>
<td>Coaching Tennis and Golf</td>
</tr>
<tr>
<td>35048</td>
<td>Coaching Baseball and Softball</td>
</tr>
<tr>
<td>35049</td>
<td>Coaching Track and Field</td>
</tr>
</tbody>
</table>

**Community Health Education Minor**

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

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HED 11570</td>
<td>Personal Health</td>
<td>3</td>
</tr>
<tr>
<td>11590</td>
<td>Community Health</td>
<td>3</td>
</tr>
<tr>
<td>21030</td>
<td>Introduction to Health Education</td>
<td>3</td>
</tr>
<tr>
<td>21050</td>
<td>Health Behavior</td>
<td>3</td>
</tr>
<tr>
<td>32542</td>
<td>Methods and Applications of Health Education</td>
<td>.5</td>
</tr>
<tr>
<td>34050</td>
<td>Program Planning and Evaluation in HED</td>
<td>3</td>
</tr>
<tr>
<td>42041</td>
<td>Health Counseling</td>
<td>3</td>
</tr>
</tbody>
</table>

Choose from the following: 3 credits

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>HED 32530</td>
<td>Drug Use and Misuse</td>
</tr>
<tr>
<td>32544</td>
<td>Human Sexuality</td>
</tr>
</tbody>
</table>

**Family, Food and Nutritional Studies Minor**

**Required Courses** 12 credits

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>GER0 14029</td>
<td>Introduction to Gerontology</td>
<td>3</td>
</tr>
<tr>
<td>HDFS 24011</td>
<td>Interpersonal Relationships and Families</td>
<td>3</td>
</tr>
<tr>
<td>25512</td>
<td>Management of Family Resources</td>
<td>3</td>
</tr>
</tbody>
</table>

Choose from the following: 3 credits

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>NUTR 23511</td>
<td>Nutrition Related to Health</td>
</tr>
<tr>
<td>33512</td>
<td>Nutrition</td>
</tr>
</tbody>
</table>

**Optional Courses** 12 credits

8 of the 12 credit hours must be upper division:

Choose from the following:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>GER0 44030</td>
<td>Adult Development and Aging</td>
</tr>
<tr>
<td>HDFS 24012</td>
<td>Child Development</td>
</tr>
</tbody>
</table>

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.**

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**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
Any course not chosen above may be a guided elective as well as
the following:
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.

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.

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**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
(Offered only in fall semester.)
* 43032 Food Production and Service Management .......... 3
(Offered only in spring semester.)
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 permis-
sion) 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.

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HED 32544 Human Sexuality</td>
<td>3</td>
</tr>
<tr>
<td>44025 Women’s Health Issues</td>
<td>3</td>
</tr>
<tr>
<td>44544 Sexual Health Promotion Programs</td>
<td>3</td>
</tr>
<tr>
<td>46057 Advanced Human Sexuality</td>
<td>3</td>
</tr>
<tr>
<td>47070 AIDS: Issues, Education, Prevention</td>
<td>3</td>
</tr>
</tbody>
</table>

Sexuality electives: 3 additional courses (18 total)

Total: 21 credits

Minimum 2.50 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.

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ATTR 25036 Principles of Athletic Training</td>
<td>3</td>
</tr>
<tr>
<td>25037 Physical Assessment Techniques</td>
<td>4</td>
</tr>
<tr>
<td>45038 Organization and Administration of Athletic Training</td>
<td>3</td>
</tr>
<tr>
<td>45039 Therapeutic Rehabilitation</td>
<td>4</td>
</tr>
<tr>
<td>45040 Pathology and Pharmacology for Allied Health Care Providers</td>
<td>2</td>
</tr>
<tr>
<td>PEP 25051 Human Anatomy</td>
<td>3</td>
</tr>
<tr>
<td>* 35075 Exercise Programming</td>
<td>3</td>
</tr>
<tr>
<td>** 35079 Sports Physiology</td>
<td>3</td>
</tr>
<tr>
<td>45091 Senior Seminar</td>
<td>1</td>
</tr>
</tbody>
</table>

Total: 26 credits

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

**BSCI 2020 is a prerequisite for PEP 35079.

Minimum 2.25 GPA in the minor required for graduation.

### Recreation and Park Management Minor

**Recreation and Park Core**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>RPTM 16000 Foundations of Recreation and Leisure</td>
<td>3</td>
</tr>
<tr>
<td>26030 Recreation Group Leadership</td>
<td>3</td>
</tr>
<tr>
<td>36040 Inclusion of People with Disabilities in Leisure Services</td>
<td>3</td>
</tr>
<tr>
<td>36075 Program Design and Evaluation</td>
<td>3</td>
</tr>
</tbody>
</table>

**Experiential Education**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>RPTM 36192 Practicum in Leisure Services Management</td>
<td>1</td>
</tr>
</tbody>
</table>

Guided electives selected from RPTM courses: 6 credits (19 total)

Minimum 2.25 GPA required for admission to the minor.

Minimum 2.25 GPA in the minor required for graduation.

### Sport Administration Minor

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PEP 25059 Sport in Society</td>
<td>3</td>
</tr>
<tr>
<td>35065 History and Philosophy of Sport and Physical Activity</td>
<td>3</td>
</tr>
<tr>
<td>RPTM 46080 Legal Issues in Sport and Recreation</td>
<td>3</td>
</tr>
<tr>
<td>SPAD 35021 Governance in Sport</td>
<td>3</td>
</tr>
<tr>
<td>45022 Event Planning and Production</td>
<td>3</td>
</tr>
<tr>
<td>45023 Sport Marketing</td>
<td>3</td>
</tr>
</tbody>
</table>

Choose from the following: 3 credits

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPAD 45024 Sport in Global Perspective (3)</td>
<td>3</td>
</tr>
<tr>
<td>45026 Sport and the Media (3)</td>
<td></td>
</tr>
</tbody>
</table>

Total: 21 credits

### 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.

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>RPTM 26060 Introduction to Global Tourism</td>
<td>3</td>
</tr>
<tr>
<td>26081 Principles of Outdoor Recreation</td>
<td>3</td>
</tr>
<tr>
<td>36040 Inclusion of People with Disabilities in Leisure Services</td>
<td>3</td>
</tr>
<tr>
<td>36060 Commercial Recreation and Tourism</td>
<td>3</td>
</tr>
<tr>
<td>46000 Tourism Development and Recreational Travel</td>
<td>3</td>
</tr>
<tr>
<td>SPAD 45022 Event Planning and Production</td>
<td>3</td>
</tr>
</tbody>
</table>

Total: 18 credits
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

<table>
<thead>
<tr>
<th>Institution Name:</th>
<th>KENT STATE UNIVERSITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>Institution Code:</td>
<td>1367</td>
</tr>
<tr>
<td>State:</td>
<td>Ohio</td>
</tr>
<tr>
<td>Number of Program Completers Submitted</td>
<td>503</td>
</tr>
<tr>
<td>Number of Program Completers found, matched and used in passing rate Calculations</td>
<td>475</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Type of Assessment</th>
<th>Number Taking Assessment</th>
<th>Number Passing Assessment</th>
<th>Institutional Pass Rate</th>
<th>Number Taking Assessment</th>
<th>Number Passing Assessment</th>
<th>Statewide Pass Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aggregate - Basic Skills</td>
<td>433</td>
<td>409</td>
<td>94%</td>
<td>5998</td>
<td>5732</td>
<td>96%</td>
</tr>
<tr>
<td>Aggregate - Professional Knowledge</td>
<td>417</td>
<td>392</td>
<td>94%</td>
<td>7998</td>
<td>7730</td>
<td>97%</td>
</tr>
<tr>
<td>Aggregate - Academic Content Areas (Math, English, Biology, etc.)</td>
<td>12</td>
<td>12</td>
<td>100%</td>
<td>148</td>
<td>148</td>
<td>100%</td>
</tr>
<tr>
<td>Aggregate - Other Content Areas (Career/ Technical Education, Health Education, etc.)</td>
<td>78</td>
<td>75</td>
<td>96%</td>
<td>777</td>
<td>740</td>
<td>95%</td>
</tr>
<tr>
<td>Aggregate - Performance Assessments</td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Summary Totals and Pass Rates</td>
<td>475</td>
<td>430</td>
<td>91%</td>
<td>7779</td>
<td>7357</td>
<td>95%</td>
</tr>
</tbody>
</table>

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 pass rate.