Kent State University

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

Vacca Office of Student Services
304 White Hall
330-672-2862
http://www.ehhs.kent.edu/
COLLEGE OF EDUCATION, HEALTH, AND HUMAN SERVICES

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

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

Agencies and Centers of the College of Education, Health, and Human Services
To help achieve its aims and to promote its functions, the college provides the following agencies: the Center for the Study of Lifespan, Health and Human Performance; the Center for Hospitality and Tourism Development; the Center for Sport, Recreation and Tourism Development; the Human Development Center; the Gerontology Center; the Gerald H. Read Center for International and Intercultural Education; the Center for Educational Leadership Services; the Center on Innovation in Transition and Employment for Youth with Disabilities; the Child Development Center; the Reading and Writing Development Center; the Bureau of Research Training and Services; the Counseling and Human Development Center; the Vacca 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.

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.

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

The advisors and undergraduate staff are here to help students:

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

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 Pages 300-304.

2. Students are accepted by transfer in the following programs if they have achieved a 2.50 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 2.00 or better GPA in previous college coursework:
   - Athletic Training
   - Gerontology
   - Hospitality Management
   - Integrated Health Studies
   - Nutrition and Dietetics
   - Physical Education—Exercise Sciences
   - Physical Education—Human Movement Studies
   - Pre-Human Development and Family Studies
   - Pre-Speech Pathology and Audiology
   - Recreation, Parks and Tourism Management

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

5. Graduates of other colleges wanting to pursue an undergraduate education program for teacher licensure must have an undergraduate GPA of 2.75 or better to be eligible for admission to the College of Education, Health, and Human Services. They must also satisfy the professional requirements for admission to advanced study listed on Pages 300-304. 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 Experience FLASH Point instructors. As a requirement of First Year Experience FLASH Point, 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 VOSS 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.
Understanding 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 Vacca 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:

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Other Programs For Teacher Licensure
M.A.T. Program: Early Childhood Education
This Master of Arts in Teaching (M.A.T.) program is designed for exceptionally qualified persons who possess at least a baccalaureate degree in a discipline other than teacher education and seek initial licensure for teaching children age three through grade three. Admission to this 18-month, full-time program is highly selective.
Information can be obtained from the early childhood faculty in 404 White Hall, 330-672-2580. The Praxis II is required for licensure. Information can be obtained from 304 White Hall.

**M.A.T. Program: Adolescence/Young Adult**
The holder of a bachelor’s degree in an appropriate content area may also receive Adolescence to Young Adult teacher licensure upon selection into and completion of the M.A.T. (Master of Arts in Teaching) program. This is a full-time program with a minimum of 44-45 hours and is designed to be completed in a summer plus two semesters. Upon completion of the program, students will receive a master’s degree and are eligible to apply for teacher licensure. The Praxis II is required for licensure. Information can be obtained from 304 White Hall.

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

**Requirements For Admission To Advanced Study**
Admission to advanced study is required of all teacher education majors and minors prior to enrolling in upper-division education courses. Please note: Admission to advanced study is not required for students pursuing community health, educational studies, educational interpreter or career technical teacher education trade and industry (the latter applies only to those who obtained initial licensure through the Route B Education Licensure Program [teachers recruited from business and industry]).

Briefly, the professional requirements consist of the following items:

**College Writing**
Students are required to attain minimum C (2.00) grade in each freshman writing course (integrated language arts majors must attain minimum B [3.00] 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 (2.00) 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 Vacca 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, Vacca 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
Minimum of C or better in EDPF 29535 Education in a Democratic Society and C or better in one of the following:

- ITEC 19525 Educational Technology
- EDPF 29525 Educational Psychology
- SPED 23000 Introduction to Exceptionalities

*Prerequisite is EDPF 29535 Education in a Democratic Society. A minimum grade of C (2.00) or better must be earned in all of the above courses.

Please note: Speech pathology and audiology majors are not required to take these courses.

The following courses must be completed with minimum C (2.00) 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 Vacca Office of Student Services, 304 White Hall, in the student services offices of the Regional Campuses and on the Vacca 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 Vacca Office of Student Services, 304 White Hall, in Regional Campus offices or on the Vacca 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:

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

Please refer to Page 310 for additional evaluation criteria associated with the Early Childhood program, Page 337 for additional criteria associated with the Middle Childhood program, and Page 305 for additional criteria associated with the adolescence to young adult programs. Information is available through the program area, Regional Campuses and on the Vacca Office of Student Services’ Web site at www.ehhs.kent educator/OSS. Passing standardized test scores must be on file in 304 White Hall prior to submission of application for admission to advanced study. Requirements for admission to advanced study vary by Catalog year. Information specific to each major is available in 304 White Hall.

Personal-Professional Characteristics

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

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

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

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

The College of Education, Health, and Human Services has developed a process by which teacher candidates receive regular feedback on their dispositions and an opportunity to show growth in areas that are considered important to teaching. Assessment of student professionalism will be used in making decisions about student progress throughout a teacher education program, including admission to advanced study and student teaching, completion of student teaching and recommendation for licensure.

Interruption Of Progress Toward Completion Of Advanced Study Coursework

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

Due Process

Procedures have been established so that students who wish to appeal an academic decision may do so. Any formal appeal must be initiated in writing through the appropriate department chairperson or school director. If satisfaction is not obtained at the department or school level, appeals are reviewed by the associate dean for undergraduate student services. For more information, please see policy number 3342-8-06 of the University Policy Register (administrative policy and procedures for student complaints).

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

Student Teaching

It is critical that all teacher candidates apply for student teaching online at www.ehhs.kent educator/OSS by the deadlines established by the Vacca Office of Student Services, 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 advisors 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 advisors 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 Vacca Office of Student Services. 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.

For student teaching and any culminating internship in teacher education that requires candidates to be placed within a school or agency (“school/agency”) setting, the college requires students to complete Bureau of Criminal Investigation and Identification (BCII) and Federal Bureau of Investigation (FBI) background checks and submit the results to authorized personnel at their assigned “school/agency” before the first day of the semester in which student teaching/internship will take place. Authorized “school/agency” personnel will determine whether a candidate may participate in fieldwork in that setting. The BCII and FBI background checks are good for one year and are mandatory for licensure application. Electronic fingerprinting is available for BCII and FBI in 221 White Hall and should be completed at least two months prior to student teaching/culminating internship. Regional campus students should contact their Regional Campus coordinator to identify fingerprinting availability at each campus. Candidates are responsible for fees incurred for this requirement. For more information on this policy, contact the Director of Clinical Field Experience in 304 White Hall. Visit the Ohio Department of Education Web site (http://ode.state.oh.us) for more information about background check requirements for educators in Ohio. Contact the Office of Professional Conduct at the ODE for specific information about the results of the background check.

**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 Vacca Office of Student Services. These include the test of Principles of Learning and Teaching and appropriate specialty area test(s). Minimum cutoff 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, Vacca 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 Vacca 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 Vacca 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 Vacca 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 VOSS 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 Vacca 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 (2.00) grade in all professional coursework. All education majors must have a minimum C (2.00) grade in all content/concentration coursework. Adolescence to young adult majors must earn minimum B (3.00) 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 72 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
Advising sheets for all majors are available on the Vacca 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' Vacca 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 (2.00) in all professional and major coursework. A 2.60 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 Vacca 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 (2.00) 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 3.00 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 active population. 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 2.50 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.

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 Experience FLASH Point ................ 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
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 (2.00) 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
- PEP 15018 Development of Swimming and Aquatic Skills 1
- 35022 Exercise Leadership 3

### VI. Athletic Training Core
**ATTR 15001 Introduction to the Profession of Athletic Training** 1
- 15011 Introduction to Clinical Athletic Training 2
- 15092 Practicum in Athletic Training I 3
- 25036 Principles of Athletic Training 3
- 25037 Physical Assessment Techniques 4
- 25092 Practicum in Athletic Training II 3-4
- 35037 Advanced Physical Assessment Techniques 3
- 35039 Therapeutic Modalities 3
- 35092 Practicum in Athletic Training III 3
- 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 3
- 45192 Practicum in Athletic Training IV 3
- 45292 Internship in Athletic Training 4
- PEP 45091 Senior Seminar 1

### VII. Additional Requirements
- HED 11570 Personal Health 3
- 14020 Medical Terminology 3
- IHS 44010 Research Design and Statistical Methods in the Health Professions 3
- NUTR 23511 Science of Human Nutrition 3
- PEP 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

### VIII. General Electives

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSCI 10001</td>
<td>Human Biology</td>
<td>3</td>
</tr>
<tr>
<td>COM 15000</td>
<td>Introduction to Human Communication</td>
<td>3</td>
</tr>
</tbody>
</table>

**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 (2.00) grade in all ATTR courses.

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### 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
- ** 35011 College Writing I 3
- 21011 College Writing II 3

#### II. Liberal Education Requirements

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

<table>
<thead>
<tr>
<th>Category</th>
<th>Courses</th>
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</thead>
<tbody>
<tr>
<td><strong>Composition</strong></td>
<td>ENG 11011 College Writing I 3</td>
</tr>
<tr>
<td></td>
<td>21011 College Writing II 3</td>
</tr>
<tr>
<td><strong>Mathematics and Critical Reasoning</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>45040 Pathology and Pharmacology for Allied Health Care Providers 3</td>
</tr>
<tr>
<td><strong>Humanities and Fine Arts</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Minimum one course from the humanities category and one course from the fine arts category.</td>
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<tr>
<td></td>
<td>Humanities and/or fine arts LER courses 6</td>
</tr>
<tr>
<td><strong>Social Sciences</strong></td>
<td><strong>PHIL 11001 Introduction to Philosophy (3)</strong></td>
</tr>
<tr>
<td></td>
<td><strong>PHIL 21001 Introduction to Ethics (3)</strong></td>
</tr>
</tbody>
</table>

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

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 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 (2.00) grade. This requirement is fulfilled in this major with HED 32542. A complete list of writing-intensive courses is on Pages 89-95.

**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 14020 Introduction to Medical Terminology (3)
32530 Drug Use and Misuse (3)
32575 Consumer Health (3)
34060 Small Group Process (2)
42041 Health Counseling (3)
44025 Women’s Health Issues (3)
44544 Sexual Health Promotion (3)
44550 Drug Abuse and Violence Prevention (3)
46052 Stress: Recognition and Management (2)
46057 Advanced Human Sexuality (3)
46060 Death Education (3)
47070 AIDS: Issues, Education and Prevention (3)
48002 Field Experience in Health Education (1-3)

**VII. General Electives** ......................11

TOTAL 121-123

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

Minimum C (2.00) grade in all major coursework, including BSCI 10001 and COMM 15000 LER courses, required for graduation.

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**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 Vacca 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 three through grade three.
I. General College or University Requirements ........................................1
   US 10097 First Year Experience FLASH Point ..............................1
II. Liberal Education Requirements ......................................................41-42
   A complete list of Liberal Education Requirements (LER) courses is on Pages 85-87.
   Composition
   ENG 11011 College Writing I ..............................................3
   21011 College Writing II ..............................................3
   Mathematics and Critical Reasoning
   MATH 14001 Basic Mathematics Concepts I ............................4
   14002 Basic Mathematics Concepts II ...............................4
   Humanities and Fine Arts
   Choose from the following: ..............................................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
   COMM 15000 Introduction to Human Communications .............3
   Choose from the following: ..............................................3
   GEOG 10160 Introduction to Geography (3)
   * 17063 World Geography (3)
   * 17064 Geography of the United States and Canada (3)
   Diversity Requirement
   Students must complete a two-course diversity requirement, consisting of one with a domestic (U.S.) focus and one with a global focus. The domestic-focus course is fulfilled in this major with SPED 23000 or with several optional LER courses (marked with *). The global-focus courses may fulfilled in this major with several optional LER courses (marked with *).
   A complete list of diversity courses is on Pages 89-91.
   III. Writing-intensive Requirement
   Students must complete a one-course writing-intensive require-
   ment and earn a minimum C (2.00) 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 .........................................................89
   ECED 10120 Introduction to Early Childhood Services ........2
   EDPF 29525 Educational Psychology .................................3
   ITEC 19525 Educational Technology ..................................3
   Block I
   Field assignment of nine hours per week in Block I.
   ECED 20163 Understanding Young Children .........................3
   30134 Integrated Expressive Arts and Social Studies in Preschool ........3
   30147 Early Experiences in Mathematics and Science ............3
   30164 Preschool Education ...........................................3
   SPED* 23000 Introduction to Exceptionalities .....................3
   Block II
   Field assignment of 20 hours per week in Block II.
   ECED 30123 Language and Literacy for the Preschool Child ....3
   30142 Partnerships and Guidance Preschool .........................3
   40145 Music and Rhythms in Preprimary Education .............3
   40165 Integrated Application of Preschool Curriculum ........3
   40192 Internship Preschool ...........................................6
   Block III
   ECED 40105 Appropriate Phonics for Kindergarten and Primary Children ...........................................3
   40107 Teaching Mathematics: Early Years .........................3
   40142 Home-School-Community-Partnerships in Diverse Contexts ........3
   40151 Guidance of Young Children ................................3
   EDPF 29535 Education in a Democratic Society ..................3
   Block IV
   ECED 30144 Integrated Curriculum for Social Studies ........3
   40114 Teaching Science in Early Years ..........................3
   ** 40126 Developmental Reading and Writing: Early Years ........3
   40127 Developing a Balanced Literacy Program ..................3
   40128 Integrated Field Experience ..................................3
   40147 Teaching Mathematics: Early Years .........................3
   Block V
   Full-time teaching in Block V.
   ECED 40125 Inquiry into Professional Practice .................3
   40292 Internship in Kindergarten/Primary .........................12
   TOTAL 131-132

*Course fulfills diversity requirement.
**Course fulfills writing-intensive requirement.
The block coursework requires full-time study.

### B.S.E. in Earth Science

**I. General College or University Requirements**
- US 10097 First Year Experience FLASH Point

**II. Liberal Education Requirements**

<table>
<thead>
<tr>
<th>Component</th>
<th>Course</th>
<th>Credits</th>
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<tbody>
<tr>
<td>Composition</td>
<td>ENG 11011 College Writing I</td>
<td>3</td>
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<tr>
<td></td>
<td>21011 College Writing II</td>
<td>3</td>
</tr>
<tr>
<td>Mathematics and Critical Reasoning</td>
<td>MATH* 11010 Algebra for Calculus</td>
<td>3</td>
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<tr>
<td>Humanities and Fine Arts</td>
<td>COMM** 26000 Criticism of Public Discourse</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>PHIL** 11001 Introduction to Philosophy</td>
<td>3</td>
</tr>
<tr>
<td>Fine arts LER course</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Social Sciences</td>
<td>PSYC 11762 General Psychology</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>SOC** 12050 Introduction to Sociology</td>
<td>3</td>
</tr>
<tr>
<td>Basic Sciences</td>
<td>GEOL 11040 Earth Dynamics</td>
<td>3</td>
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<tr>
<td></td>
<td>11041 Earth Dynamics Laboratory</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>Choose from the following:</td>
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<tr>
<td></td>
<td>PHY 21430 Frontiers in Astronomy</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>24001 Astronomy (3)</td>
<td></td>
</tr>
<tr>
<td>Additional LER Courses</td>
<td>COMM 15000 Introduction to Human Communication</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>SOC** 22778 Social Problems</td>
<td>3</td>
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</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 (2.00) 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</th>
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<tbody>
<tr>
<td>MATH* 11022 Trigonometry</td>
<td>2</td>
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<tr>
<td>12002 Analytic Geometry and Calculus I</td>
<td>5</td>
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<tr>
<td>Choose from the following:</td>
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<tr>
<td></td>
<td>3</td>
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**V. Major Requirements**

<table>
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<tr>
<th>Course</th>
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<tr>
<td>MATH 10041 Elementary Probability and Statistics</td>
<td>3</td>
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<tr>
<td>30011 Basic Probability and Statistics</td>
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**VI. Professional Coursework**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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<tbody>
<tr>
<td>ADED*** 32142 Principles of Teaching Adolescents</td>
<td>3</td>
</tr>
<tr>
<td>(Offered only in fall semester)</td>
<td></td>
</tr>
<tr>
<td>32277 Teaching Science in Secondary Schools</td>
<td>3</td>
</tr>
<tr>
<td>(Offered only in spring semester)</td>
<td></td>
</tr>
<tr>
<td>42277 Topics in Secondary School Science</td>
<td>3</td>
</tr>
<tr>
<td>42292 Field Work Practicum</td>
<td>3</td>
</tr>
<tr>
<td>CI 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>
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<tr>
<td>SPED** 23000 Introduction to Exceptionalities</td>
<td>3</td>
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**VII. Student Teaching Block**

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

**TOTAL 141**
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 2.50 cumulative GPA, for graduation. The students choose an elective concentration that is supportive of their particular career emphasis and goal, selected from offerings in the College of Education, 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
   US 10097 First Year Experience FLASH Point

II. Liberal Education Requirements

   Composition
   ENG 11011 College Writing I
   ENG 21011 College Writing II

   Mathematics and Critical Reasoning
   HIST * 11050 History of Civilization I
   HIST * 11051 History of Civilization II

   Humanities and Fine Arts
   PSYC 11762 General Psychology

   Social Sciences
   SOC * 12050 Introduction to Sociology

   Basic Sciences
   CHEM 10050 Fundamentals of Chemistry

   Additional LER Courses
   COMM 15000 Introduction to Human Communication

   ECON 22060 Principles of Microeconomics

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

III. Writing-intensive Requirement
   Students must complete one-course writing-intensive requirement and earn a minimum C (2.00) grade. The writing-intensive requirement is fulfilled in this major with CTTE 46001. A complete list of writing-intensive requirement courses is on Pages 93-96.

IV. Content Area Coursework

   EDPS* 24011 Interpersonal Relationships and Families
   CTTE 46031 Student Teaching in Career Technical Education
   HDFS* 24011 Interpersonal Relationships and Families
   HED 42575 Health and Learning: Strategies for Students and Teachers
   HED 46015 Methods of Career and Technical Education
   ITEC 19525 Educational Technology

   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 CTTE 46001. A complete list of diversity courses is on Pages 89-91.

V. Professional Education

   CI 47330 Reading and Writing in Adolescence
   CTTE 44618 Elements of Experienced-Based Education
   EDPF 29535 Educational Psychology
   HED 42575 Health and Learning: Strategies for Students and Teachers
   EDPF 46015 Methods of Career and Technical Education
   HED 46020 Curriculum Guide Design and Application
   HED 46031 Student Teaching in Career Technical Education
   EDPF 46031 Student Teaching in Career Technical Education

VI. Choose one concentration

TOTAL 121-125

Early Childhood Education and Care Concentration

CTTE 46192 Practicum: Occupational (see advisor)
ECED 20163 Understanding Young Children: Typical and Atypical Pathways
SPED* 23000 Introduction to Exceptionalities
30164 Preschool Education

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<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>40145</td>
<td>Music and Rhythms in Preprimary Education</td>
<td>.3</td>
</tr>
<tr>
<td>40153</td>
<td>Organization and Supervision of Early Childhood Centers</td>
<td>.3</td>
</tr>
<tr>
<td>PEP 25034</td>
<td>Early Childhood Motor Development</td>
<td>.3</td>
</tr>
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</table>

**Food Management Production and Service Concentration**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
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<tbody>
<tr>
<td>CTTE 46192</td>
<td>Practicum: Occupational (see advisor)</td>
<td>.4-6</td>
</tr>
<tr>
<td>HM 13022</td>
<td>Sanitation and Safety Principles and Practice</td>
<td>.3</td>
</tr>
<tr>
<td>13024</td>
<td>Introduction to Hospitality Management</td>
<td>.2</td>
</tr>
<tr>
<td>23012</td>
<td>Food Study</td>
<td>.3</td>
</tr>
<tr>
<td>33020</td>
<td>Legal Issues in the Hospitality Industry</td>
<td>.3</td>
</tr>
<tr>
<td>33028</td>
<td>Hospitality Purchasing</td>
<td>.3</td>
</tr>
<tr>
<td>43030</td>
<td>Food Service Systems Management</td>
<td>.3</td>
</tr>
<tr>
<td>43032</td>
<td>Food Production and Service Management</td>
<td>.3</td>
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</table>

**Work and Family Concentration**

<table>
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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tr>
<td>FDM 10030</td>
<td>Fashion Fabrics</td>
<td>.3</td>
</tr>
<tr>
<td>HDFS 24012</td>
<td>Child Development</td>
<td>.3</td>
</tr>
<tr>
<td>41093</td>
<td>Workshop: Family and Consumer Issues</td>
<td>.3</td>
</tr>
<tr>
<td>HM 23012</td>
<td>Food Study</td>
<td>.3</td>
</tr>
<tr>
<td>Choose from the following:</td>
<td></td>
<td>.6</td>
</tr>
<tr>
<td>GER** 44030</td>
<td>Adult Development and Aging (3)</td>
<td>.3</td>
</tr>
<tr>
<td>HDFS 24013</td>
<td>Early Adolescence (3)</td>
<td>.3</td>
</tr>
<tr>
<td>44023</td>
<td>Building Family Strengths (3)</td>
<td>.3</td>
</tr>
<tr>
<td>44029</td>
<td>Family Policy (3)</td>
<td>.3</td>
</tr>
<tr>
<td>Electives</td>
<td></td>
<td>.6</td>
</tr>
</tbody>
</table>

**HUMAN DEVELOPMENT AND FAMILY STUDIES**

**Human Development and Family Studies Pre-Major**

Students must declare a pre-major in human development and family studies until they have earned minimum 2.50 GPA in the requirements outlined below, with minimum 3.00 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 a senior-level practicum (HDFS 44092), which provides students with professional training in the field of human/social services.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<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>.2</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 3.00 GPA or higher in the three HDFS courses.

1. Pre-majors in human development and family studies who do not earn a cumulative 2.50 GPA or higher in the above courses, with a cumulative 3.00 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 2.50 GPA or higher, including a cumulative 3.00 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.

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

Minimum C (2.00) grade in all major coursework is required.
4. Human development and family studies faculty are available to answer questions about the human development and family studies pre-major, and can be reached at 330-672-2197.

**B.S. in Human Development and Family Studies**

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

I. General College or University Requirements ..............1
   US 10097 First Year Experience FLASH Point ..............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**
   PSYC 11762 General Psychology ..........................3
   SOC * 12050 Introduction to Sociology ..........................3
   **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.
   PSYC 21211 Psychology of Adjustment ..........................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. The domestic-focus course is fulfilled in this major with LER social sciences SOC 12050. A complete list of diversity courses is on Pages 89-91.

III. Writing-Intensive Requirement
   Students must complete a one-course writing-intensive requirement and earn minimum C (2.00) grade. This requirement is fulfilled in this major with GERO 44030. A complete list of writing-intensive courses is on Pages 93-95.

IV. Concentration Requirements ..........................38
   GERO **44030 Adult Development and Aging ..........................3
   HDFS 14027 Introduction to Human Development and Family Studies ..........................2
   24011 Interpersonal Relationships and Families ..........................3
   24012 Child Development ..........................3
   25512 Management of Family Resources ..........................3
   44018 Professional Development in Human Development and Family Studies ..........................3
   44020 Adolescent Development ..........................3
   44023 Building Family Strengths ..........................3
   44028 Parent/Child Relationships ..........................3
   44029 Family Policy ..........................3
   NUTR 23511 Nutrition Related to Health ..........................3
   Choose from the following****: ..........................6
   GERO* 14029 Introduction to Gerontology (3)
   HDFS 24013 Early Adolescence (3)
   24095 Special Topics (3)
   34031 Cultural Diversity: Implications for the Helping Professions (3)
   41093 Workshop in Human Development and Family Studies (1-3)
   41095 Special Topics: Human Development and Family Studies (1-4)
   41096 Individual Investigation (1-3)
   44021 Family Intervention Across the Lifespan (3)
   44022 Changing Roles of Men and Women (3)
   44092 Practicum in Human Development and Family Studies (3-10)

V. General Requirements ..........................7
   SOC 32210 Researching Society ..........................3
   32220 Data Analysis ..........................3
   32221 Data Analysis Laboratory ..........................1

VI. Electives ..........................7-15
   Number of elective hours vary with option chosen.

VII. Select one option: ..........................24-31
   **Youth Development Option**
   ENG 32002 Literature for Young Adults ..........................3
   HDFS** 24013 Early Adolescence ..........................3
   HED 32530 Drug Use and Misuse ..........................3
   32544 Human Sexuality ..........................3
   JUS 12000 Introduction to Justice Studies ..........................3
   34311 Youth and the Justice System ..........................3
   RPTM 16000 Foundations of Recreation and Leisure ..........................3
   26030 Recreation Group Leadership ..........................3
   36075 Program Design and Evaluation ..........................3
   **Family Life Education Option**
   COMM 20001 Interpersonal Communication ..........................3
   HDFS*** 44021 Family Intervention Across the Lifespan ..........................3
   ** 44022 Changing Roles of Men and Women ..........................3
   44030 Family Life Education Methodology ..........................3

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<th>Credits</th>
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<tr>
<td>44092</td>
<td>Practicum in Human Development and Family Studies</td>
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<tr>
<td>HED 32544</td>
<td>Human Sexuality</td>
<td>3</td>
</tr>
<tr>
<td>JUS 12000</td>
<td>Introduction to Justice Studies</td>
<td>3</td>
</tr>
<tr>
<td>28003</td>
<td>Family Law and Procedure</td>
<td>3</td>
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</tbody>
</table>

### Case Management for Individuals and Families Option

In order to meet the 39 upper-division-hour requirements, a minimum of 6 additional upper-division credit hours are needed for this option. HDFS 44021 Family Intervention Across the Life-span is highly recommended in addition to at least another 3 upper-division credit hours.

<table>
<thead>
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<th>Course Title</th>
<th>Credits</th>
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<tr>
<td>HED 11590</td>
<td>Community Health</td>
<td>3</td>
</tr>
<tr>
<td>21050</td>
<td>Health Behavior</td>
<td>3</td>
</tr>
<tr>
<td>34060</td>
<td>Small Group Processes</td>
<td>2</td>
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<tr>
<td>HDFS *<strong>34031</strong></td>
<td>Cultural Diversity: Implications for the Helping Professions</td>
<td>3</td>
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<tr>
<td>HST 21000</td>
<td>Dynamics of Helping Relationship</td>
<td>3</td>
</tr>
<tr>
<td>21001</td>
<td>Assessment of Client Needs</td>
<td>3</td>
</tr>
<tr>
<td>21002</td>
<td>Client Advocacy and Case Management</td>
<td>3</td>
</tr>
<tr>
<td>21092</td>
<td>Internship I: Human Services Technology</td>
<td>3</td>
</tr>
<tr>
<td>21192</td>
<td>Internship II: Human Services Technology</td>
<td>3</td>
</tr>
<tr>
<td>SOC 32762</td>
<td>Deviant Behavior</td>
<td>3</td>
</tr>
</tbody>
</table>

**TOTAL 24-31**

### 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.

A minor is also offered (see pg. 354). Through coursework, research experiences and practicums students develop expertise in gerontology while completing requirements in their selected major.

The concentration in gerontology prepares graduates for professional positions in the diverse field of aging, including health and wellness, community-based social services, retirement communities, adult-care centers and nursing homes. The gerontology curriculum is designed to provide students with a solid understanding of typical age-related changes and how these changes affect a person physiologically, psychologically and socially.

Graduates are prepared to secure social service positions within senior citizen centers and agencies that serve older adults, such as area offices on aging and assisted living facilities. The nursing home administration option qualifies students for employment as administrators in long-term care settings, including nursing homes, assisted living facilities and congregate living settings.

According to the U.S. Census, 20 percent of the total population will be 65 or older by 2030. Because of the increasing number of older persons and the fact that we are generally living longer, there is a growing need for people to work in the field of aging.

Both the four-year concentration and minor provide strong interdisciplinary knowledge base, research skills and preparation for graduate study in a wide variety of disciplines, such as human development and family studies, sociology, public administration, nursing and exercise science. Students are eligible to join Kappa Omicron Nu, a national honorary in gerontology.

<table>
<thead>
<tr>
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<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOC 12050</td>
<td>Introduction to Sociology</td>
<td>3</td>
</tr>
<tr>
<td>HDFS 44092</td>
<td>Practicum in Human Development and Family Studies</td>
<td>3-10</td>
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**I. General College or University Requirements**

**II. Liberal Education Requirements**

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

**Composition**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>ENG 11011</td>
<td>College Writing I</td>
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<tr>
<td>21011</td>
<td>College Writing II</td>
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**Mathematics and Critical Reasoning**

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<tr>
<td>SOC 12050</td>
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**Humanities and Fine Arts**

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<td>PSYC 11762</td>
<td>General Psychology</td>
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**Social Sciences**

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<tr>
<td>BSCI 20020</td>
<td>Biological Structure and Function</td>
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<tr>
<td>NUTR 23511</td>
<td>Science of Human Nutrition</td>
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**Additional LER Courses**

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<tr>
<td>PSYC 21211</td>
<td>Psychology of Adjustment</td>
<td>3</td>
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</table>

**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 88-91.
College of Education, Health, and Human Services

III. English Requirement ........................................... 3
   ENG 20002 Introduction to Technical Writing (3)

IV. Writing-Intensive Requirement
   Students must complete a one-course writing-intensive require-
   ment and earn minimum C (2.00) grade. This requirement is ful-
   filled in this major with GERO 44030. A complete list of
   writing-intensive courses is on Pages 93-95.

V. Gerontology Requirements .................................... 20
   BSCI 40020 Biology of Aging .................................. 3
   GERO* 14029 Introduction to Gerontology ................. 3
       ** 44030 Adult Development and Aging .................. 3
       44031 Social Policy and Community Resources
       for Older Adults ........................................... 3
   HDFS 34031 Cultural Diversity ................................ 3
   44031 Intergenerational Family Caregiving ................. 2
   SOC 42679 Aging in Society .................................. 3

VI. Interdisciplinary Requirements .............................. 28
   HDFS 24011 Interpersonal Relationships and Families .... 3
   NUTR 43521 Food: Dietary Modification ..................... 2
   PHIL 40005 Health Care Ethics .............................. 3
   SOC 42563 Sociology of Health and Health Care .......... 3
   SPA 44130 Communication Disorders in the Aging ....... 2
   Professional Electives (Choose from the following): ....... 15
   HED 42041 Health Counseling (3)
   HDFS 44021 Family Interventions Across the Lifespan (3)
       44023 Building Family Strengths (3)
       44032 Nonprofit Fundraising/Grant Writing (3)
   IHS 44010 Research Design and Statistical Methods in the
       Health Profession (3)
   JMC 28001 Principles of Public Relations (3)
   MIS 24053 Introduction to Computer Applications (3)
   NURS 41095 Special Topics in Gerontology (1-3)
   PEP 40612 Exercise Leadership for the Older Adult (3)
   PSYC 21621 Quantitative Methods in Psychology (3)
       30656 Psychology of Aging (3)
   RPTM 36010 Recreation, Leisure and Aging (3)
   SOC 42010 Death and Dying (3)

VII. Practicum Requirements ..................................... 6-10
   Note: This is not a requirement for students pursuing the Nurs-
   ing Home Administration option.
   GERO 44092 Practicum in Gerontology (3-10)
   HDFS 44019 Intergenerational Experience (3)

VIII. General electives ............................................ 21-25
   Note: This is not a requirement for students pursuing the Nurs-
   ing Home Administration option.

TOTAL 121

College of Education, Health, and Human Services

Nursing Home Administration Option (optional) .............. 41

Option Requirements ............................................. 38
   ACCT 23020 Introduction to Financial Accounting .......... 3
   23021 Introduction to Managerial Accounting .......... 3
   GERO 41096 ST: Long Term Care Administration ........ 3
       44092 Practicum in Gerontology ......................... 20
   MIS 24163 Principles of Management ....................... 3
       34180 Human Resource Management ..................... 3
   MKTG 25010 Marketing ........................................ 3

Option Electives: choose from the following: ................. 3
   ECON 42086 Economics of Health Care (3)
   MIS 34166 Dynamics of Leadership (3)

TOTAL*** 131

*Course fulfills diversity requirement.
**Course fulfills writing-intensive requirement.
***Overall total with this additional option.
Minimum of 39 upper-division hours required for graduation.

8.S.E. in Integrated Business Education

I. General College or University Requirements ................ 1
   US 10097 First Year Experience FLASH Point ............ 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

   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 com-
   plete list of diversity requirement courses is on Pages 89-91.
### III. Writing-Intensive Requirement

Students must complete a one-course writing-intensive requirement and earn a C (2.00) 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

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tr>
<td>MIS 34185</td>
<td>Individual and Group Behavior</td>
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<tr>
<td>ACCT 23020</td>
<td>Introduction to Financial Accounting (3)</td>
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<tr>
<td>ACTT 11000</td>
<td>Accounting I: Financial (4)</td>
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<tr>
<td>BMRT 11000</td>
<td>Introduction to Business (3)</td>
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<tr>
<td>BUS 10123</td>
<td>Exploring Business (3)</td>
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<tr>
<td>BMRT 21000</td>
<td>Business Law and Ethics (3)</td>
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<tr>
<td>FIN 26074</td>
<td>Legal Environment of Business (3)</td>
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<tr>
<td>BMRT 11009</td>
<td>Introduction to Management Technology (3)</td>
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<tr>
<td>MIS 24183</td>
<td>Principles of Management (3)</td>
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<tr>
<td>BMRT 21050</td>
<td>Fundamentals of Marketing Technology (3)</td>
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<tr>
<td>MKTG 25010</td>
<td>Marketing (3)</td>
<td></td>
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<tr>
<td>COMT 11000</td>
<td>Introduction to Computer Systems (3)</td>
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<tr>
<td>MIS 24053</td>
<td>Introduction to Computer Applications (3)</td>
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<tr>
<td>ENG 20002</td>
<td>Introduction to Technical Writing (3)</td>
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<tr>
<td>ITAP 26638</td>
<td>Business Communications (3)</td>
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<table>
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<tr>
<td>ACTT 44618</td>
<td>Elements of Experienced-Based Education (3)</td>
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<td>CTTE 45372</td>
<td>Issues In Career Technical Education Subjects</td>
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<tr>
<td>CTTE 45377</td>
<td>Career and Technical Education: Advanced Methodologies</td>
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<tr>
<td>CTTE 46001</td>
<td>Organization of Career and Technical Education</td>
<td>3</td>
</tr>
<tr>
<td>CTTE 46015</td>
<td>Methods of Career and Technical Education</td>
<td>3</td>
</tr>
<tr>
<td>CTTE 46019</td>
<td>Coordinated of Career Technical Cooperative</td>
<td>3</td>
</tr>
<tr>
<td>CTTE 46020</td>
<td>Curriculum Guide Design and Application</td>
<td>3</td>
</tr>
<tr>
<td>CTTE 46031</td>
<td>Student Teaching in Career Technical Education</td>
<td>9</td>
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<tr>
<td>CTTE 49525</td>
<td>Inquiry into Professional Practice</td>
<td>3</td>
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<td>EDPP 29525</td>
<td>Educational Psychology</td>
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<td>EDPP 29535</td>
<td>Education in a Democratic Society</td>
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<tr>
<td>HED 42575</td>
<td>Health and Learning: Strategies</td>
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<td>ITAP 19625</td>
<td>Educational Technology</td>
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<tr>
<td>SPED** 23000</td>
<td>Introduction to Exceptionalities</td>
<td>3</td>
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</tbody>
</table>

**TOTAL 133-135**

*Course fulfills writing-intensive requirement.

**Course fulfills diversity requirement.

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

Minimum C (2.00) grade in all major coursework is required.

### V. Specialty Area Coursework (see advisor)

### VI. Professional Education

**Total 51**

### 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 sciences 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 72 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 Experience FLASH Point ........................................ 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
   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 (4)
   13002 General College Physics II (4)
   13021 General College Physics Laboratory I (1)
   13022 General College Physics Laboratory II (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 in the health care administration and systems concentration must take the following:
ECON 22061 Principles of Macroeconomics (3)

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

III. Writing-Intensive Requirement
Students must complete a one-course writing-intensive requirement and earn a minimum C (2.00) 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
   44091 Seminar for Practicum in Integrated Health Studies ................. 2
   44010 Research Design and Statistical Methods for the Health Professions ....................................................... 3
   * 44091 Professional Seminar in Integrated Health Studies ................. 3
   NURS 41095 Special Topics: Health Care Policy and Delivery Systems ................................................................. 3
   PHIL 40005 Health Care Ethics ............................................................ 3
   PSYC 21621 Quantitative Methods in Psychology 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
MIS 24053 Introduction to Computer Applications ................................ 3
24163 Principles of Management ......................................................... 3
34180 Human Resource Management ................................................ 3
MKTG 25010 Marketing ..................................................................... 3
NURS 41095 Special Topics: Long-Term Care Administration ............ 3
POL 30301 Introduction to Public Administration ................................ 3
SOC 42563 Sociology of Health and Health Care .................................. 3

Total 39
### Health Sciences Concentration

<table>
<thead>
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<tbody>
<tr>
<td>AS 30095</td>
<td>Special Topics: Gross Anatomy</td>
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<tr>
<td>BSCI 30030</td>
<td>Human Physiology</td>
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<tr>
<td>MATH*11022</td>
<td>Trigonometry</td>
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<tr>
<td>NURS 31095</td>
<td>Special Topics: Common Health Problems and Treatment</td>
<td>.3</td>
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<tr>
<td>PEP 45080</td>
<td>Physiology of Exercise</td>
<td>.3</td>
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<tr>
<td>SPA 44111</td>
<td>Neural Processes</td>
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<td>Choose from the following:</td>
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<tr>
<td>BSCI 20021</td>
<td>Basic Microbiology (3)</td>
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<td>30050</td>
<td>Human Genetics (3)</td>
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<tr>
<td>40020</td>
<td>Biology of Aging (3)</td>
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<tr>
<td>NURS 20950</td>
<td>Human Growth and Development (3)</td>
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<td>NUTR 33512</td>
<td>Nutrition (3)</td>
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<tr>
<td>PEP 25033</td>
<td>Lifespan Motor Development (3)</td>
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<td>35075</td>
<td>Exercise Programming (3)</td>
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<tr>
<td>35079</td>
<td>Sports Physiology (3)</td>
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**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)
  - 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 I (4)
    - 30284 Introductory Biological Chemistry (4)

**Total** 49-50

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### 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

<table>
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<td>Introduction to Gerontology (3)</td>
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<tr>
<td>HDFS 14027</td>
<td>Introduction to Human Development and Family Studies (2)</td>
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<tr>
<td>HED 21030</td>
<td>Introduction to Health Education (3)</td>
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<tr>
<td>HST 11000</td>
<td>Introduction to Human Services (1)</td>
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<tr>
<td>NURS 10050</td>
<td>Introduction to Professional Nursing (1)</td>
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<tr>
<td>OCAT 10000</td>
<td>Introduction to Occupational Therapy (3)</td>
</tr>
<tr>
<td>PTST 10000</td>
<td>Introduction to Physical Therapy Assisting (2)</td>
</tr>
<tr>
<td>RPTM 16000</td>
<td>Foundations of Recreation and Leisure (3)</td>
</tr>
<tr>
<td>SPA 10002</td>
<td>Introduction to Communication Disorders (2)</td>
</tr>
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**Human Development**

Choose from the following: 14-15

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

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

Choose from the following: 15

<table>
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<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>GERO 44031</td>
<td>Social Policy and Community Resources for Older Adults (3)</td>
</tr>
<tr>
<td>HED 32565</td>
<td>Marketing in Health Education (3)</td>
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<tr>
<td>IHS 44092</td>
<td>Practicum: Integrated Health Studies (3-10)</td>
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<tr>
<td>PSYC 40383</td>
<td>Psychological Interventions (3)</td>
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<tr>
<td>RHAB 47712</td>
<td>Introduction to Rehabilitation (3)</td>
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<td>RPTM 26030</td>
<td>Recreation Group Leadership (3)</td>
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<tr>
<td>36010</td>
<td>Recreation, Leisure and Aging (3)</td>
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<tr>
<td>* 36040</td>
<td>Inclusion of People with Disabilities in Leisure Services (3)</td>
</tr>
<tr>
<td>SOC 42563</td>
<td>Sociology of Health and Health Care (3)</td>
</tr>
<tr>
<td>36080</td>
<td>Principles of Therapeutic Recreation (3)</td>
</tr>
</tbody>
</table>

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*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.
### B.S.E. in Integrated Language Arts

#### I. General College or University Requirements
- US 10097 First Year Experience FLASH Point

#### II. Liberal Education Requirements
- **Composition**
  - ENG 11011 College Writing I
  - ENG 21011 College Writing II
- **Mathematics and Critical Reasoning**
- **Humanities and Fine Arts**
  - ENG 21054 Introduction to Shakespeare
  - THEA* 11000 The Art of Theatre
  - Choose from the following:
    - ENG 22071 Great Books I
    - ENG 22072 Great Books II
- **Social Sciences**
  - CACM* 11001 Introduction to Conflict Management
  - ANTH* 18210 Introduction to Cultural Anthropology
  - SOC * 12050 Introduction to Sociology
- **Basic Sciences**
  - Must include one laboratory course.
- **Additional LER Courses**
  - JMC * 20001 Media, Power and Culture
  - 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. 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.
- **Writing-Intensive Requirement**
  - Students must complete a one-course writing-intensive requirement and earn minimum C (2.00) grade. This requirement is fulfilled in this major with ADED 32142. A complete list of writing-intensive courses is on Page 93-95.

#### III. Major Requirements
- **British Literature**
  - ENG 25001 Literature in English I
  - 30001 English Studies
  - Choose from the following:
  - ENG 34004 British Literature, 1800-1900
  - 34005 British Literature, 1900-Present
- **Reading Against the Grain**
  - Choose from the following:
  - ENG * 21001 Introduction to Ethnic Literature of the United States
  - 21002 Introduction to Women’s Literature
  - 21003 Introduction to LGBT Literature
  - 33011 African American Literature
  - 34011 World Literature in English
  - 34021 Women’s Literature
  - 35301 LGBT: Critical Perspectives
- **American Literature**
  - Choose from the following:
  - ENG 33001 U.S. Literature to 1865
  - 33002, U.S. Literature, 1865-1945
  - 33003 U.S. Literature, 1945-Present
- **Writing**
  - ENG 20021 Introduction to Creative Writing
  - JMC 20004 Media Writing
  - 47003 Teaching High School Journalism
- **Linguistics**
  - ENG 31003 Linguistics
  - Choose from the following:
  - ANTH 48210 Culture and Communication
- **Electives**
  - Choose from the following:
  - ENG, COMM or JMC 30000-level courses
  - Recommended:
    - COMM 35912 Gender and Communication
    - 45007 Freedom of Speech
    - ENG 25002 Literature in English II
    - JMC 40022 Film as Communication
    - 40193 Desktop Publishing
    - SOC* 42568 Race and Ethnic Studies
    - Foreign language courses
    - THEA 11303 The Art of Acting
    - 11522 Introductory Lighting
    - 11524 Introductory Costuming
    - 11622 Introductory Scenery

Total 37
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
       (Offered only in spring semester.)
   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

*Course fulfills diversity requirement.
**Course fulfills writing-intensive requirement.
***Must take foreign language for two semesters.

B (3.00) grade or better is required in the following courses:
   ENG 11011, 21011, College Writing I and II
   C (2.00) grade or better is required in the following courses:
   COMM 15000 Introduction to Human Communication

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

Mathematics and Critical Reasoning
   PHIL 21002 Introduction to Formal Logic ....................... 3

Humanities and Fine Arts .............................................. 9
   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 ............................................................ 8-7
   Must include one laboratory course.

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)

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 domes-
   tic-focus course is fulfilled in this major with 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 require-
   ment and earn minimum C (2.00) grade. This requirement is ful-
   lfilled in this major with ADED 32142. A complete list of
   writing-intensive courses is on Pages 93-95.

IV. Major Requirements .................................................... 44
   CS 10051 Introduction to Computer Science ................... 4
   MATH*12002 Analytic Geometry and Calculus I ............... 5
   12003 Analytic Geometry and Calculus II ..................... 5
   21001 Linear Algebra with Applications ...................... 3
   22005 Analytic Geometry and Calculus III .................... 3
   30011 Basic Probability and Statistics ....................... 3
   31011 Discrete Mathematics ..................................... 3
   34001 Fundamental Concepts of Algebra ..................... 3
   34002 Fundamental Concepts of Geometry ................... 3
   47021 History of Mathematics ................................... 3
   Mathematics 40000-level electives (advisor approved) ..... 6

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

   See Page 305 for additional information.
Choose from the following: ...........................................3
MATH 32044 Introduction to Ordinary Differential Equations (3)
42011 Mathematical Optimization (3)
42021 Graph Theory and Combinatorics (3)
42201 Introduction to Numerical Computing I (3)
47011 Theory of Numbers (3)
V. Professional Coursework ...........................................28
ADED**32142 Principles of Teaching Adolescents .................3
(Offered only in fall semester.)
32268 The Secondary Mathematics Curriculum .................3
(Offered only in spring semester.)
42268 Teaching Mathematics in Secondary Schools ..........3
42292 Field Work Practicum ....................................3
EDPF 29525 Educational Psychology ................................3
29535 Education in a Democratic Society .........................3
HED 42575 Health and Learning: Strategies for Students and Teachers ..................................3
ITEC 19525 Educational Technology ................................3
SPED***23000 Introduction to Exceptionalities .................3
Professional elective ..............................................1
VI. Student Teaching Block ..........................................12
ADED 42357 Secondary Student Teaching .........................9
49525 Inquiry into Professional Practice .........................3
TOTAL 121-122

*Prerequisites MATH 11010 and 11022 or proficiency test.
**Course fulfills writing-intensive requirement.
***Course fulfills diversity requirement.

For Praxis II testing requirements and information, contact the Vacca Office of Student Services.
See Page 305 for additional information.

B.S.E. in Integrated Science

Integrated science prepares students to teach all sciences in grades 7-12.

I. General College or University Requirements .....................1
US 10097 First Year Experience FLASH Point ..................1

II. Liberal Education Requirements ...............................37
Composition
ENG 11011 College Writing I ....................................3
21011 College Writing II ......................................3
Mathematics and Critical Reasoning
MATH**11010 Algebra for Calculus ............................3

III. Writing-Intensive Requirement..................................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)

IV. Mathematics Requirements ......................................10
MATH 11010 College Algebra ....................................4
10120 Biological Foundations ..................................4
30156 Elements of Genetics ....................................3
CHEM 10060 General Chemistry I ...............................4
10061 General Chemistry II ....................................4
10062 General Chemistry I Laboratory .......................1
10063 General Chemistry II Laboratory .......................1
GEOG 31062 Meteorology .......................................3
GEOL 11042 Earth History .......................................3
11043 Earth History Laboratory ................................1
PHY 30156 Elements of Genetics ................................3
13001 General College Physics I ................................4
13002 General College Physics II ................................4
13021 General College Physics Laboratory I ...................1
13022 General College Physics Laboratory II ...............1

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

Social Sciences
PSYC 11762 General Psychology ...............................3
SOC**12050 Introduction to Sociology ........................3

Basic Sciences
GEOG 11040 Earth Dynamics ...................................3
11041 Earth Dynamics Laboratory ..............................1
PHY 11039 Seven Ideas that Shook the Universe ............3

Additional LER Courses
COMM 15000 Introduction to Human Communication .......3
SOC**22778 Social Problems ..................................3

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

III. Writing-Intensive Requirement
Students must complete a one-course writing-intensive requirement and earn minimum C (2.00) grade. This requirement is fulfilled in this major with ADED 32142. A complete list of writing-intensive courses is on Pages 93-95.

IV. Mathematics Requirements .................................10
MATH 11022 Trigonometry .......................................2
12002 Analytic Geometry and Calculus I ......................5
Choose from the following: ..................................3
MATH 10041 Elementary Probability and Statistics (3)
30011 Basic Probability and Statistics (3)

V. Major Requirements ...........................................38
BSCI 10110 Biological Diversity ................................4
10120 Biological Foundations ..................................4
30156 Elements of Genetics ....................................3
CHEM 10060 General Chemistry I ...............................4
10061 General Chemistry II ....................................4
10062 General Chemistry I Laboratory .......................1
10063 General Chemistry II Laboratory .......................1
GEOG 31062 Meteorology .......................................3
GEOL 11042 Earth History .......................................3
11043 Earth History Laboratory ................................1
PHY 13001 General College Physics I .........................4
13002 General College Physics II ................................4
13021 General College Physics Laboratory I ...................1
13022 General College Physics Laboratory II ...............1
College of Education, Health, and Human Services

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

VI. Professional Coursework ..............................................27
EDPF 29525 Educational Psychology .................................3
ITEC 19525 Educational Technology .................................3

VII. Advanced Study Coursework
ADED**32142 Principles of Teaching Adolescents ..................3
(Offered only in fall semester.)
32277 Teaching Science in Secondary Schools ......................3
(Offered only in spring semester.)
42292 Field Work Practicum ...........................................3
CI 47330 Reading and Writing in Adolescence/Adulthood ........3
EDPF 29525 Education in a Democratic Society ....................3
SPED**23000 Introduction to Exceptionalities ..................3

VII. Student Teaching Block .............................................12
ADED 42357 Secondary Student Teaching ...........................9
49525 Inquiry into Professional Practice ..........................3

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

TOTAL 155-159

Chemistry Concentration

BSCI 20140 Cell Biology ...............................................4
CHEM 30101 Quantitative Analysis ..................................2
30284 Introduction to Biological Chemistry .......................4
30360 Aqueous Descriptive Inorganic Chemistry ...............4
30475 Organic Chemistry I Laboratory ............................1
20481 Basic Organic Chemistry I ................................4
40567 Basic Concepts of Physical Chemistry ..................4
GEOG 41073 Conservation of Natural Resources .............3
GEOL 21062 Environmental Geology.............................3
Choose from the following: ..........................................3

PHY 21430 Frontiers in Astronomy (3) ..............................3
24001 Astronomy (3) ..................................................4

Earth Science Concentration

BSCI 20560 Invertebrate Zoology ..................................4
CHEM 20481 Basic Organic Chemistry I ..........................4
30101 Quantitative Analysis .......................................2
30360 Aqueous Descriptive Inorganic Chemistry .............2
GEOG 41082 Soils .....................................................3
GEOL 23063 Mineralogy .............................................4
***34061 Invertebrate Paleontology ............................4
(Prerequisite is waived for integrated science majors.)

Choose from the following: ..........................................4
GEOL 31070 Petrology (4) ...........................................4
32066 Geomorphology (4)

Choose from the following: ..........................................3

PHY 21430 Frontiers in Astronomy (3) ..............................3
24001 Astronomy (3) ..................................................4

Life Science Concentration

BSCI 20140 Cell Biology ...............................................4
30360 General Ecology ............................................4
40163 Organic Evolution ............................................3
CHEM 20481 Basic Organic Chemistry I .........................4
30284 Introduction to Biological Chemistry ...................4
GEOG 41073 Conservation of Natural Resources ............3
GEOL***34061 Invertebrate Paleontology ...................4
(Prerequisite is waived for integrated science majors.)
Choose from the following: ..........................................4
BSCI 30030 Human Physiology (4) ..............................4
40430 General Physiology ........................................3

Choose from the following: ..........................................3

PHY 21430 Frontiers in Astronomy (3) ..............................3
24001 Astronomy (3) ..................................................4

Physics Concentration

BSCI 20140 Cell Biology ...............................................4
CHEM 10030 Chemistry in Our World ...........................3
40567 Basic Physical Chemistry ................................4
GEOG 41073 Conservation of Natural Resources ............3
GEOL 41025 Geophysics ............................................3
MATH 12003 Analytic Geometry and Calculus II ............5
PHY 30200 Intermediate Physics Laboratory .................2
32511 Electronics ..................................................4
36001 Modern Physics I ...........................................3

Choose from the following: ..........................................3

PHY 21430 Frontiers in Astronomy (3) ..............................3
24001 Astronomy (3) ..................................................4

*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 Vacca Office of Student Services.
See Page 305 for additional information.

**B.S.E. in Integrated Social Studies**

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

I. General College or University Requirements

<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 Experience FLASH Point</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.

**Composition**

<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>Mathematics and Critical Reasoning</td>
<td>3</td>
<td></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>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 Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECON 22060</td>
<td>Principles of Microeconomics</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 11762</td>
<td>General Psychology</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>Basic Sciences</td>
<td>6-7</td>
<td></td>
</tr>
</tbody>
</table>

Must include one laboratory course.

**Additional LER Courses**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTH* 18210</td>
<td>Introduction to Cultural Anthropology</td>
<td>3</td>
</tr>
<tr>
<td>ECON 22061</td>
<td>Principles of Macroeconomics</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 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.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diversity Requirement</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SOC * 12050</td>
<td>Introduction to Sociology</td>
<td>3</td>
</tr>
<tr>
<td>WMST* 30000</td>
<td>Colloquium in Women's Studies</td>
<td>3</td>
</tr>
</tbody>
</table>

IV. Core Coursework

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOG 10160</td>
<td>Introduction to Geography</td>
<td>3</td>
</tr>
<tr>
<td>HIST * 12070</td>
<td>History of the United States: The Formative Period</td>
<td>3</td>
</tr>
<tr>
<td>* 12071</td>
<td>History of the United States: The Modern Period</td>
<td>3</td>
</tr>
<tr>
<td>POL * 10100</td>
<td>American Politics</td>
<td>3</td>
</tr>
</tbody>
</table>

Soc * 12050 Introduction to Sociology | 3 |
WMST* 30000 Colloquium in Women's Studies | 3 |

V. Professional Coursework

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADED** 32142</td>
<td>Principles of Teaching Adolescents</td>
<td>3</td>
</tr>
</tbody>
</table>

(Offered only in fall.)

32275 Social Studies Education and the Social Sciences | 3 |

(Offered only in spring.)

42275 Teaching Social Studies in Secondary Schools | 3 |
42292 Field Work Practicum | 3 |
CI 47330 Reading and Writing in Adolescence/Adulthood | 3 |
EDPF 29325 Educational Psychology | 3 |
29356 Education in a Democratic Society | 3 |
ITEC 19525 Educational Technology | 3 |

VI. Student Teaching Block

<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>
</tbody>
</table>

(Offered only in spring.)

49525 Inquiry into Professional Practice | 3 |

(Offered only in spring.)

VII. Core Requirements for All Concentration

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).

**Geography Requirement**

Students taking the geography concentration should not take this requirement.

Choose from the following:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOG* 32080</td>
<td>Politics and Place (3)</td>
<td>3</td>
</tr>
<tr>
<td>* 34070</td>
<td>Economic Geography (3)</td>
<td></td>
</tr>
<tr>
<td>* 36065</td>
<td>Cities and Urbanization (3)</td>
<td></td>
</tr>
<tr>
<td>* 37040</td>
<td>Geography of Africa (3)</td>
<td></td>
</tr>
<tr>
<td>* 37050</td>
<td>Geography of Russia and the Commonwealth States (3)</td>
<td></td>
</tr>
<tr>
<td>* 37066</td>
<td>Geography of Europe (3)</td>
<td></td>
</tr>
<tr>
<td>* 37070</td>
<td>Geography of East and Southeast Asia (3)</td>
<td></td>
</tr>
<tr>
<td>* 37078</td>
<td>Geography of South Asia (3)</td>
<td></td>
</tr>
<tr>
<td>* 37084</td>
<td>Geography of South America (3)</td>
<td></td>
</tr>
<tr>
<td>* 37085</td>
<td>Geography of Central America and Mexico (3)</td>
<td></td>
</tr>
<tr>
<td>41073</td>
<td>Conservation of Natural Resources (3)</td>
<td></td>
</tr>
<tr>
<td>42064</td>
<td>Historical Geography of the United States and Canada (3)</td>
<td></td>
</tr>
</tbody>
</table>

**History Requirement**

Students taking the history concentration should not take this requirement.

Choose from the following:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIST 31061</td>
<td>Ohio History (3)</td>
<td>3</td>
</tr>
<tr>
<td>41087</td>
<td>Progressive America: The United States, 1896-1919 (3)</td>
<td></td>
</tr>
</tbody>
</table>
### Political Science Requirements

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

Choose from the following:

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

### Psychology Requirement

Choose from the following:

- 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:

- SOC 22100 Sociological Analysis (3)
- * 22778 Social Problems (3)
- 32400 Individual and Society (3)
- * 32570 Inequality in Societies (3)

### History Concentration

Choose from the following:

- HIST 31061 History of Ohio (3)
- 40197 American Cultural Heritage: the Arts and Society (3)
- 40156 History of Colonial America: 1492-1714 (3)
- 41057 Eighteenth-Century America: 1714-1789 (3)
- 41058 Jefferson-Jackson Era, 1789-1848 (3)
- 41062 The United States: The Westward Movement (3)
- 41065 Sectional Conflict and Civil War (3)
- 41066 Reconstruction and the Later South (3)
- 41070 American Social and Intellectual History 1790-1876 (3)
- 41071 American Social and Intellectual History, 1876-Present (3)
- 41074 American Economic History (3)
- 41079 History of the Immigrant in America (3)
- 41082 Constitutional History of the United States (3)
- 41083 U.S. Foreign Relations Through World War I (3)
- 41084 U.S. Foreign Relations From 1920 (3)

### Geography Concentration

Choose from the following:

- GEOG 21062 Physical Geography (3)
- 29160 Mapping Our World (3)

Choose from the following:

- GEOG* 17063 World Geography (3)
- * 17064 Geography of the United States and Canada (3)

Choose from the following:

- GEOG* 32080 Politics and Place (3)
- 34070 Economic Geography (3)
- * 36065 Cities and Urbanization (3)

Choose from the following:

- 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)

### Economics Concentration

Choose from the following:

- 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)

**TOTAL 124-125**
### History 30000-40000-level non-Western elective

- Choose from the following:
  - HIST 41014 Europe in the Renaissance (3)
  - HIST 41016 The Protestant and the Catholic Reformations (3)
  - HIST 41017 17th-Century Europe (3)
  - HIST 41018 18th-Century Europe: Age of Revolution (3)
  - HIST 41020 19th-Century Europe (3)
  - HIST 41024 Modern European History, 1914-1945 (3)
  - HIST 41025 Modern European History, 1945-Present (3)
  - **HIST 47697 Colloquium: Post-1945 Europe (3)**
  - Choose from the following:
    - HIST 41087 Progressive America: The United States, 1896-1919 (3)
    - HIST 41088 New Era Through World War: The United States, 1920-1945 (3)
    - HIST 41089 Recent America: The United States, 1945-Present (3)
  - Choose from the following:
    - PAS 35100 African American Social, Political and Economic Systems (3)
    - PAS 35200 African Social, Political and Economic Systems (3)

### Political Science Concentration

- POL * 10500 World Politics (3) (highly recommended)
- 30022 Political Thought (3)
- Choose from the following:
  - POL 30430 State Government (3)
  - 30450 Metropolitan Governance (3)
- Choose from the following:
  - 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:
  - 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:
  - 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)

### Sociology Concentration

- SOC 22100 Sociological Analysis (3)
- Choose from the following:
  - SOC * 22778 Social Problems (3)
  - 32400 Individual and Society (3)
  - *32570 Inequality in Societies (3)
- Choose from the following:
  - SOC 32110 Researching Society (3)
  - *32560 Sociology of Families (3)
  - 32569 Minorities in America (3)
  - 32762 Deviant Behavior (3)
  - *42315 Sociology of Changing Gender Roles (3)
  - 42478 Adolescent in Society (3)
  - 42577 Sociology of Family Violence (3)

*Course fulfills diversity requirement.

**Course fulfills writing-intensive requirement.

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

See Page 305 for additional information.

### B.S.E. in Intervention Specialist

This program consists of five concentrations leading to licensure:

- Deaf Education
- Educational Interpreter
- Gifted Education
- Mild/Moderate Educational Needs
- Moderate/Intensive Educational Needs

The curriculum of each licensure area is specified in the following sections. The Liberal Education Requirements (LER) are met completely by courses outlined in each special education curricular area. Professional coursework and field-based experiences that will lead to licensure in the state of Ohio also are included.

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

The deaf education program is designed to provide students with the coursework and field experiences necessary to be licensed as an intervention specialist in the area of deaf education. The Deaf Education Intervention Specialist license is valid for teaching learners ages three through 21, and in grades pre-kindergarten through 12, who have been identified with a hearing impairment (e.g., deaf, hard-of-hearing).

Students wishing to enter the deaf education program must be formally admitted by successfully completing the following requirements during the sophomore year: documented meeting with deaf education advisor, during which a portfolio is submitted containing at least one letter of recommendation from a deaf person, parent or teacher of the deaf and a description of their professional plans and goals; and SPED 19201, 19202 and 43309.

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

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

I. General College or University Requirements ..............................1
US 10097 First Year Experience FLASH Point ............................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
THEA* 11000 The Art of the Theatre .....................................3
Choose from the following: .................................................6
ENG 21054 Introduction to Shakespeare (3)
22071 Great Books I (3)                                    22072 Great Books II (3)

Social Sciences
Must be selected from two curricular areas.
PSYC 11762 General Psychology ..........................................3

Social sciences LER course .............................................3

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

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

Diversity Requirement
Students must complete a two-course diversity requirement, consisting of one with a domestic (U.S.) focus and one with a global focus. The domestic-focus course 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 (2.00) 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 90-95.

IV. Professional Coursework ................................................83
CI 47501 Teaching Mathematics in Early and Middle Grades ..........3
47502 Science Teaching in Early and Middle Grades ...............3
EDPF 29525 Educational Psychology .....................................3
29535 Education in a Democratic Society ................................3
HED 42575 Health and Learning ...........................................3
ITEC 19525 Educational Technology .......................................3
SPA 34104 Speech and Language Development ........................3
34105 Phonemic Bases of Speech and Language .......................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
43010 Family and Professional Collaboration ...........................3
** 43020 Assessment in Special Education ..............................3
43030 Class and Behavior Management I: Theory and Techniques ..................3
43031 Classroom and Behavior Management II: Application and Teaching Social Skills ..................3
43092 Deaf Residential School Internship ...............................3
** 43309 Introduction to Deaf Studies ....................................3
*** 43310 Language Instruction for Deaf/Hard-of-Hearing Students ..................................3
**** 43311 Instructional Strategies for Deaf/Hard-of-Hearing Students with Special Needs ..........3
**** 43313 Literacy Assessment and Intervention for Deaf/Hard-of-Hearing Students .............3
*** 43324 Curriculum Methods and Materials for Deaf/Hard-of-Hearing Students .............3
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 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.

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

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**Educational Interpreter Concentration**

**I. General College or University Requirements**

- US 10097 First Year Experience FLASH Point

**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
    - PHIL 21001 Introduction to Ethics
    - Fine arts LER course
  - Social Sciences
    - CACM 11001 Introduction to Conflict Management
    - PSYC 11762 General Psychology
  - Basic Sciences
    - Must include one laboratory course.

**Additional LER Courses**

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

**Diversity Requirement**

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

**III. Writing-Intensive Requirement**

- Students must complete a one-course writing-intensive requirement and earn minimum C (2.00) grade. The writing-intensive requirement in this major is fulfilled with SPED 43309. A complete list of writing-intensive courses is on Pages 93-95.

**IV. Professional Coursework**

- ITEC 19525 Educational Technology
- EDPF 29525 Educational Psychology
- SPA 34104 Speech and Language Development
- 43600 Fundamentals of Educational Audiology
- SPED 19201 American Sign Language I (or ASL 19201)
- SPED 19202 American Sign Language II (or ASL 19202)
- SPED 23000 Introduction to Exceptionalities
- SPED 29201 American Sign Language III (or ASL 29201)
- SPED 29202 American Sign Language IV (or ASL 29202)
- SPED 39201 American Sign Language V (or ASL 39201)
- SPED 39202 American Sign Language VI (or ASL 39202)
- 43010 Family and Professional Collaboration
- 43092 Deaf Residential School Internship

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*Course fulfills diversity requirement.
**Course fulfills writing-intensive requirement.
***Course offered only during fall semester.
****Course offered only during spring semester.
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 eight through 14, in 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 338-339 for concentration area requirements.

These students are subject to the same selective screening process as middle childhood education students. Please refer to Pages 337-339 for more information.

The Gifted Education Intervention Specialist license is valid for teaching learners ages five through 21, and in grades kindergarten through 12, who have been identified as gifted.

The dual licensures of Middle Childhood Education and Gifted Education Intervention Specialist can be completed through a 4.5-year course of study. Students may take 13 credit hours at the graduate level if they apply and meet admission criteria for the College and Graduate School of Education, Health, and Human Services.

I. General College or University Requirements

US 10097 First Year Experience FLASH Point

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

Fine arts LER course
Choose from the following:
ENG 22071 Great Books I

Social Sciences

PSYC 11762 General Psychology

Basic Sciences

Students in all concentrations, except science, should take the following:
BSCI 10001 Human Biology
Choose one course from the following:
CHEM 10030 Chemistry in Our World
GEOL 11040 Earth Dynamics

Students in the science concentration should take HIST 12070.
HIST * 11050 History of Civilization I
HIST * 12070 History of the United States: The Formative Period
PAS * 23001 Black Experience: Beginnings to 1865

Students in all concentrations, except science, should take the following:
BSCI 10012 Biological Foundations
CHEM 10030 Chemistry in Our World

Additional LER Courses

Students must select one course from the two concentrations they are pursuing.
### III. Writing-Intensive Requirement

Students must complete a two-course diversity requirement, consisting of one with a domestic (U.S.) focus and one with a global focus. The domestic-focus course may be fulfilled in this major with LER humanities HIST 12070 or the major requirement SPED 23000. The global-focus course may be fulfilled in this major with LER humanities HIST 11050 or PAS 23001 or LER social sciences GEOG 17063. A complete list of diversity courses is on Pages 93-95.

### IV. Professional Coursework

<table>
<thead>
<tr>
<th>Block I</th>
<th>Block II</th>
<th>Block III</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 11010 Algebra for Calculus (3)</td>
<td>CHDS 20092 Field Experience I: Middle Childhood (1)</td>
<td>MCED 30001 Teaching Mathematics in Middle Childhood (3)</td>
</tr>
<tr>
<td>EDFP 29525 Educational Psychology (3)</td>
<td>HDFS 24013 Early Adolescence (3)</td>
<td>30002 Integrated Social Studies and Science in Middle Childhood (3)</td>
</tr>
<tr>
<td>ITEC 19525 Educational Technology (3)</td>
<td>MCED 30003 Teaching Science in Middle Childhood (3)</td>
<td>31000 Teaching and Learning in Middle Childhood (3)</td>
</tr>
<tr>
<td>SPED* 23000 Introduction to Exceptionalities (3)</td>
<td>** 43020 Assessment in Special Education (3)</td>
<td>** 40006 Reading and Writing in Middle Childhood (6)</td>
</tr>
</tbody>
</table>

**Must be taken concurrently.**

<table>
<thead>
<tr>
<th>Block II</th>
<th>Block III</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 11022 Trigonometry (2)</td>
<td>MCED 41000 Curriculum and Organization Middle Childhood (3)</td>
</tr>
<tr>
<td>12002 Analytic Geometry and Calculus I (5)</td>
<td>41000 Teaching Reading with Literacy in Middle Childhood (3)</td>
</tr>
<tr>
<td>34001 Fundamental Concepts of Algebra (3)</td>
<td>49525 Inquiry into Professional Practice (3)</td>
</tr>
<tr>
<td>34002 Fundamental Concepts of Geometry (3)</td>
<td>SPED 43881 Student Teaching Special Education (2)</td>
</tr>
</tbody>
</table>

### V. Student Teaching Semester

- **V. Student Teaching Semester**
  - **42357 Student Teaching in Middle Childhood/Gifted Education** (5)
  - **49265 Inquiry in Professional Practice** (3)
  - **43881 Student Teaching Special Education** (5)

### VI. Select two options

**Mathematics Option**

<table>
<thead>
<tr>
<th>Block I</th>
<th>Block II</th>
<th>Block III</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 11022 Algebra for Calculus (3)</td>
<td>CHEM 12002 Organic Chemistry I (3)</td>
<td>CHEM 12001 Organic Chemistry I (3)</td>
</tr>
<tr>
<td>11022 Trigonometry (2)</td>
<td>12002 Analytic Geometry and Calculus I (5)</td>
<td>34001 Fundamental Concepts of Algebra (3)</td>
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<tr>
<td>12002 Analytic Geometry and Calculus I (5)</td>
<td>34002 Fundamental Concepts of Geometry (3)</td>
<td><strong>43534 Social and Emotional Components of Giftedness</strong> (3)</td>
</tr>
<tr>
<td>12002 Analytic Geometry and Calculus I (5)</td>
<td>34005 Social and Emotional Components of Giftedness (3)</td>
<td><strong>43530 Instructional Processes for Gifted Children</strong> (3)</td>
</tr>
<tr>
<td>12002 Analytic Geometry and Calculus I (5)</td>
<td>34006 Social and Emotional Components of Giftedness (3)</td>
<td><strong>43532 Nature and Needs of Gifted</strong> (3)</td>
</tr>
<tr>
<td>12002 Analytic Geometry and Calculus I (5)</td>
<td>34008 Social and Emotional Components of Giftedness (3)</td>
<td><strong>43534 Social and Emotional Components of Giftedness</strong> (3)</td>
</tr>
</tbody>
</table>

**Science Option**

<table>
<thead>
<tr>
<th>Block I</th>
<th>Block II</th>
<th>Block III</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 11010 Algebra for Calculus (3)</td>
<td>CHEM 12002 Organic Chemistry I (3)</td>
<td>CHEM 12001 Organic Chemistry I (3)</td>
</tr>
<tr>
<td>11010 Algebra for Calculus (3)</td>
<td>12002 Analytic Geometry and Calculus I (5)</td>
<td>34001 Fundamental Concepts of Algebra (3)</td>
</tr>
<tr>
<td>12002 Analytic Geometry and Calculus I (5)</td>
<td>34002 Fundamental Concepts of Geometry (3)</td>
<td><strong>43534 Social and Emotional Components of Giftedness</strong> (3)</td>
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<td>34008 Social and Emotional Components of Giftedness (3)</td>
<td><strong>43534 Social and Emotional Components of Giftedness</strong> (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 may be fulfilled in this major with LER humanities HIST 12070 or the major requirement SPED 23000. The global-focus course may be fulfilled in this major with LER humanities HIST 11050 or PAS 23001 or LER social sciences GEOG 17063. A complete list of diversity courses is on Pages 93-95.
College of Education, Health, and Human Services

GEOL 11042 Earth History (3)
GEOL 11043 Earth History Laboratory (1)
Science, choose from the following: 3-4
BSCI 10110 Biological Diversity (4)
20021 Basic Microbiology (3)
20275 Local Flora (4)
GEOG 41073 Conservation of Natural Resources (3)
GEOL 21080 Oceanography (3)
31062 Fundamentals of Meteorology (3)
41073 Geology of Ohio (3)
PHY 21040 Physics in Entertainment and the Arts (3)
21430 Frontiers in Astronomy (3)

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

18-19

TOTAL 138-153

Minimum C (2.00) grade is required in all concentration-area coursework, including Liberal Education Requirements (LER) required in the chosen concentration areas.

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

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

#### Social Sciences
Must be selected from two curricular areas.
PSYC 11762 General Psychology 3
Social sciences LER course 3

#### Basic Sciences 6-7
Must include one laboratory course.

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### Additional LER Courses

COMM 15000 Introduction to Human Communication 3
JMC * 20001 Media, Power and Culture 3
Diversity Requirement
Students must complete a two-course diversity requirement, consisting of one with a domestic (U.S.) focus and one with a global focus. The domestic-focus course may be fulfilled in this major with LER humanities THEA 11000, LER additional JMC 20001 or the major requirement SPED 23000. A complete list of diversity courses is on Pages 89-91.

III. Writing-Intensive Requirement
Students must complete a one-course writing-intensive require-
ment and earn minimum C (2.00) grade. The writing-intensive requirement in this major may be fulfilled with ECED 40126 or SPED 43020. A complete list of writing-intensive courses is on Pages 93-95.

IV. Additional English Requirement 3
Choose from the following:
ENG 31001 Fundamentals of English Grammar (3)
31003 Linguistics (3)
34004 British Literature, 1800-1900 (3)
34005 British Literature, 1900-Present (3)

V. Professional Coursework 72

VI. Student Teaching Block 12

TOTAL 129-130

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

For Praxis II testing requirements and information, contact the Vacca 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 five 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 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
THEA* 11000 The Art of the Theatre 3

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

Social Sciences
Must be selected from two curricular areas.
PSYC 11762 General Psychology 3

College of Education, Health, and Human Services

2008-2009 Kent State University Undergraduate Catalog
### IV. Professional Coursework

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Basic Sciences</td>
<td>6-7</td>
</tr>
<tr>
<td>Must include one laboratory course.</td>
<td></td>
</tr>
</tbody>
</table>

**Additional LER Courses**

<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.

**Writing-Intensive Requirement**

Students must complete a one-course writing-intensive requirement and earn minimum C (2.00) 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.

**V. Student Teaching Block**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPED 43080 Language and Reading Special Education</td>
<td>3</td>
</tr>
<tr>
<td><strong>43092 Field Experience for Moderate/Intensive Intervention Specialist</strong></td>
<td>3</td>
</tr>
</tbody>
</table>

**B.S.E. in Life Science**

**I. General College or University Requirements**

- US 10097 First Year Experience FLASH Point: 1 credit

**II. Liberal Education Requirements**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CI 47501 Teaching Mathematics 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>47525 Developmental Reading and Writing: Early Years</td>
<td>3</td>
</tr>
<tr>
<td>29525 Educational Psychology</td>
<td>3</td>
</tr>
<tr>
<td>29535 Education in a Democratic Society</td>
<td>3</td>
</tr>
<tr>
<td>42575 Health and Learning</td>
<td>3</td>
</tr>
<tr>
<td>19525 Educational Technology</td>
<td>3</td>
</tr>
<tr>
<td>PEP 25033 Lifespan Motor Development</td>
<td>3</td>
</tr>
<tr>
<td>SPA 34104 Speech and Language Development</td>
<td>3</td>
</tr>
<tr>
<td>SPED 19201 American Sign Language I (or ASL 19201)</td>
<td>4</td>
</tr>
<tr>
<td>23000 Introduction to Exceptionalals</td>
<td>3</td>
</tr>
<tr>
<td>43010 Family and Professional Collaboration</td>
<td>3</td>
</tr>
<tr>
<td>**43020 Assessment in Special Education</td>
<td>3</td>
</tr>
<tr>
<td>43030 Classroom and Behavioral Management I</td>
<td>3</td>
</tr>
<tr>
<td>43031 Classroom and Behavioral Management II</td>
<td>3</td>
</tr>
<tr>
<td>43040 Language and Reading Special Education</td>
<td>3</td>
</tr>
<tr>
<td>43051 Characteristics Moderate/Intensive</td>
<td>3</td>
</tr>
<tr>
<td>43061 Curriculum Methods, Moderate/Intensive</td>
<td>3</td>
</tr>
<tr>
<td>43063 Curriculum Methods II: Moderate/Intensive Intervention</td>
<td>3</td>
</tr>
<tr>
<td>43070 Planning Program for Transition</td>
<td>3</td>
</tr>
<tr>
<td>43080 Assistive Technology for Students with Disabilities</td>
<td>3</td>
</tr>
<tr>
<td>44192 Field Experience for Moderate/Intensive Intervention Specialist</td>
<td>3</td>
</tr>
</tbody>
</table>

**III. Writing-Intensive Requirement**

Students must complete a one-course writing-intensive requirement and earn minimum C (2.00) grade. This requirement is ful-

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

For Praxis II testing requirements and information, contact the Vacca Office of Student Services.
founded 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 .................................................... 59
BSCI 10110 Biological Diversity ...................................... 4
10120 Biological Foundations ......................................... 4
20140 Cell Biology ....................................................... 4
30156 Elements of Genetics .......................................... 3
30360 General Ecology ................................................ 4
40163 Organic Evolution .............................................. 3

CHEM 10060 General Chemistry I .................................. 4
10061 General Chemistry II .......................................... 4
10062 General Chemistry I Laboratory .......................... 1
10063 General Chemistry II Laboratory ....................... 1
2048I Basic Organic Chemistry I ..................................... 4
30284 Introduction to Biological Chemistry ....................... 4

GEOG 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
CI 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
49925 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 Vacca Office of Student Services.
See Page 305 for additional information.

B.S.E. in Life Science/Chemistry

I. General College or University Requirements ................. 1
US 10097 First Year Experience FLASH Point ..................... 1

II. Liberal Education Requirements ................................. 40
Composition
ENG 11011 College Writing I ......................................... 3
21011 College Writing II .............................................. 3

Mathematics and Critical Reasoning
MATH***11010 Algebra for Calculus ................................ 3

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

Social Sciences
PSYC 11762 General Psychology .................................... 3
SOC**12050 Introduction to Sociology ............................ 3

Basic Sciences
PHY 13001 General College Physics I ............................. 4
13002 General College Physics II .................................. 4
13021 General College Physics Laboratory I ..................... 1
13022 General College Physics Laboratory II ..................... 1

Additional LER Courses
COMM 15000 Introduction to Human Communication ............ 3
SOC**22778 Social Problems ....................................... 3

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

Students must complete a one-course writing-intensive requirement and earn minimum C (2.00) 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</th>
<th>Credits</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>
<tr>
<td>Choose from the following:</td>
<td></td>
</tr>
<tr>
<td>MATH 10041 Elementary Probability and Statistics (3)</td>
<td>3</td>
</tr>
<tr>
<td>30011 Basic Probability and Statistics (3)</td>
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V. Major Requirements

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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<tbody>
<tr>
<td>BSCI 10110 Biological Diversity</td>
<td>4</td>
</tr>
<tr>
<td>10120 Biological Foundations</td>
<td></td>
</tr>
<tr>
<td>20140 Cell Biology</td>
<td>4</td>
</tr>
<tr>
<td>30156 Elements of Genetics</td>
<td>3</td>
</tr>
<tr>
<td>30360 General Ecology</td>
<td>4</td>
</tr>
<tr>
<td>40163 Organic Evolution</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 10060 General Chemistry I</td>
<td>4</td>
</tr>
<tr>
<td>10061 General Chemistry II</td>
<td></td>
</tr>
<tr>
<td>10062 General Chemistry I Laboratory</td>
<td>1</td>
</tr>
<tr>
<td>10063 General Chemistry II Laboratory</td>
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</tr>
<tr>
<td>30101 Quantitative Analysis</td>
<td>2</td>
</tr>
<tr>
<td>30284 Introduction to Biological Chemistry</td>
<td>4</td>
</tr>
<tr>
<td>30360 Aqueous Descriptive Inorganic Chemistry</td>
<td>2</td>
</tr>
<tr>
<td>30475 Organic Chemistry I Laboratory</td>
<td>1</td>
</tr>
<tr>
<td>30481 Organic Chemistry I</td>
<td></td>
</tr>
<tr>
<td>GEOL***34061 Invertebrate Paleontology</td>
<td>4</td>
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</table>

(Prerequisite is waived for life science majors.)

Choose from the following: 4

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>BSCI 30030 Human Physiology (4)</td>
<td></td>
</tr>
<tr>
<td>40430 General Physiology (4)</td>
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</table>

VI. Professional Coursework

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADED***32142 Principles of Teaching Adolescents</td>
<td>3</td>
</tr>
<tr>
<td>(Offered in fall semester only.)</td>
<td></td>
</tr>
<tr>
<td>32277 Teaching Science in Secondary Schools</td>
<td>3</td>
</tr>
<tr>
<td>(Offered in spring semester only.)</td>
<td></td>
</tr>
<tr>
<td>42277 Topics in Secondary School Science</td>
<td>3</td>
</tr>
<tr>
<td>42292 Field Work Practicum</td>
<td>3</td>
</tr>
<tr>
<td>CI 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></td>
</tr>
<tr>
<td>ITEC 19625 Educational Technology</td>
<td>3</td>
</tr>
<tr>
<td>SPED 23000 Introduction to Exceptionalities</td>
<td>3</td>
</tr>
</tbody>
</table>

VII. Student Teaching Block

Offered only in spring semester.

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>42277 Secondary Student Teaching</td>
<td>9</td>
</tr>
<tr>
<td>49525 Inquiry into Professional Practice</td>
<td>3</td>
</tr>
</tbody>
</table>

TOTAL 142

*B.S.E. in Marketing Education

I. General College or University Requirements

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

II. Liberal Education Requirements

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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<tbody>
<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>Mathematics and Critical Reasoning</td>
<td>3</td>
</tr>
<tr>
<td>Humanities and Fine Arts</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></td>
</tr>
<tr>
<td>Social Sciences</td>
<td></td>
</tr>
<tr>
<td>ECON 22060 Principles of Microeconomics</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 11792 General Psychology</td>
<td>3</td>
</tr>
<tr>
<td>Basic Sciences</td>
<td>6-7</td>
</tr>
</tbody>
</table>

Must include one laboratory course.

Additional LER Courses

<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>ECON 22061 Principles of Macroeconomics</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. 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 requirement and earn a C (2.00) 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

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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<tbody>
<tr>
<td>BUS 10123 Exploring Business</td>
<td>3</td>
</tr>
<tr>
<td>MIS 24053 Introduction to Computer Applications</td>
<td>3</td>
</tr>
<tr>
<td>MKTG 25010 Marketing</td>
<td>3</td>
</tr>
</tbody>
</table>
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 Vacca 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.

Students in the social studies concentration must take HIST 12070. Minimum one course from humanities category and minimum one course from fine arts category.

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

Minimum C (2.00) grade in all major coursework is required.
Students in the science concentration should take the following two courses:

BSCI 10120 Biological Foundations (4)
CHEM 10030 Chemistry in Our World (3)

Additional LER Courses . . . . . . . . . . . . . . . . . . . . . . . . . . .6
Students must select one course from the two concentrations they are pursuing.

Mathematics Concentration
MATH 11010 Algebra for Calculus (3)

Reading/Language Arts Concentration
COMM 15000 Introduction to Human Communications (3)

Science Concentration
PHY 11030 Seven Ideas that Shook the Universe (3)

Social Studies Concentration
ECON 22060 Principles of Microeconomics (3)

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

III. Writing-Intensive Requirement
Students must complete a one-course writing-intensive requirement and earn minimum C (2.00) 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 . . . . . . . . . . . . . . . . . . . . . . . . . . . .43
EDPF 29525 Educational Psychology ......................... 3
29535 Education in a Democratic Society .................. 3
HED 42575 Health and Learning: Strategies for Students and Teachers .............. 3
ITEC 19525 Educational Technology ......................... 3
MCED 40005 Effective Use of Phonics in Reading .......... 3
SPED* 23000 Introduction to Exceptionalities ........... 3

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

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

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

V. Student Teaching Semester . . . . . . . . . . . . . . . . . . . . . . . . . .12
MCED 42358 Student Teaching Middle Childhood ................ 9
49525 Inquiry into Professional Practice ...................... 3

VI. Choose two concentrations (see below) ...................... 38-43
TOTAL 128-143

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

Minimum C (2.00) grade is required in all concentration 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 Vacca Office of Student Services.

Mathematics Concentration
MATH 11022 Trigonometry .................................. 2
12002 Analytic Geometry and Calculus I ..................... 5
34001 Fundamental Concepts of Algebra .................... 3
34002 Fundamental Concepts of Geometry .................. 3
MCED 40001 Teaching Mathematics in Middle Childhood II ........ 3
Choose from the following: .................................. 3
MATH 10041 Elementary Probability and Statistics (3)
30011 Basic Probability and Statistics (3)
Choose from the following: .................................. 3-5
MATH 12003 Analytic Geometry and Calculus II (5)
21001 Linear Algebra with Applications (3)
31011 Discrete Mathematics (3)
See faculty before taking LER math requirement, MATH 14002.
Upper-division mathematics courses may be substituted with approval by math education faculty.

22-24
### Reading/Language Arts Concentration

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

<table>
<thead>
<tr>
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<th>Course Title</th>
<th>Credits</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>ANTH 18630</td>
<td>Human Evolution</td>
<td>3</td>
</tr>
<tr>
<td>BSCI 10002</td>
<td>Ecology, Evolution and Society</td>
<td>3</td>
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</table>

#### Physical Science

Choose one series:  

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>CHEM 10060</td>
<td>General Chemistry I (4)</td>
<td></td>
</tr>
<tr>
<td>10062</td>
<td>General Chemistry I Laboratory (1)</td>
<td></td>
</tr>
<tr>
<td>or</td>
<td></td>
<td></td>
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<tr>
<td>PHY 13001</td>
<td>General College Physics I (4)</td>
<td></td>
</tr>
<tr>
<td>13021</td>
<td>General College Physics Laboratory I (1)</td>
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#### Earth Sciences

Choose one series:  

<table>
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<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<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>or</td>
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<td></td>
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<tr>
<td>11042</td>
<td>Earth History (3)</td>
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</tr>
<tr>
<td>11043</td>
<td>Earth History Laboratory (1)</td>
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#### Science Electives

Choose from the following:  

<table>
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<tr>
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<th>Course Title</th>
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<tbody>
<tr>
<td>BSCI 10110</td>
<td>Biological Diversity (4)</td>
<td></td>
</tr>
<tr>
<td>20021</td>
<td>Basic Microbiology (3)</td>
<td></td>
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<tr>
<td>20275</td>
<td>Local Flora (4)</td>
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<tr>
<td>20560</td>
<td>Invertebrate Zoology (4)</td>
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<td>GEOG 31062</td>
<td>Fundamentals of Meteorology (3)</td>
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<tr>
<td>41073</td>
<td>Conservation of Natural Resources (3)</td>
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<tr>
<td>GEOL 21080</td>
<td>Oceanography (3)</td>
<td></td>
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<tr>
<td>41073</td>
<td>Geology of Ohio (3)</td>
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<tr>
<td>PHY 21040</td>
<td>Physics in Entertainment and Arts (3)</td>
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<tr>
<td>21430</td>
<td>Frontiers in Astronomy (3)</td>
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<tr>
<td>24001</td>
<td>Astronomy (3)</td>
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</table>

### Social Studies Concentration

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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</thead>
<tbody>
<tr>
<td>HIST * 11050</td>
<td>History of Civilization I</td>
<td>3</td>
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<tr>
<td>* 11051</td>
<td>History of Civilization II</td>
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<tr>
<td>MCED 40003</td>
<td>Teaching Social Studies in Middle Childhood II</td>
<td>3</td>
</tr>
<tr>
<td>POL 10100</td>
<td>American Politics</td>
<td>3</td>
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<tr>
<td>* 30520</td>
<td>European Politics</td>
<td></td>
</tr>
<tr>
<td>* 30540</td>
<td>African Politics</td>
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<tr>
<td>* 30550</td>
<td>Latin American Politics</td>
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<tr>
<td>Choose from the following:</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>ANTH * 18210</td>
<td>Introduction to Cultural Anthropology (3)</td>
<td></td>
</tr>
<tr>
<td>SOC * 12050</td>
<td>Introduction to Sociology (3)</td>
<td></td>
</tr>
<tr>
<td>POL * 10500</td>
<td>World Politics</td>
<td></td>
</tr>
<tr>
<td>30520</td>
<td>European Politics</td>
<td></td>
</tr>
<tr>
<td>* 30540</td>
<td>African Politics</td>
<td></td>
</tr>
<tr>
<td>* 30550</td>
<td>Latin American Politics</td>
<td></td>
</tr>
<tr>
<td>Choose from the following:</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>ANTH 38250</td>
<td>Religion: A Search for Meaning</td>
<td></td>
</tr>
<tr>
<td>48210</td>
<td>Culture and Communication</td>
<td></td>
</tr>
<tr>
<td>* 48260</td>
<td>Culture Conflict</td>
<td></td>
</tr>
<tr>
<td>48270</td>
<td>Native Peoples of North America</td>
<td></td>
</tr>
<tr>
<td>GEOG 37010</td>
<td>Geography of Ohio (3)</td>
<td></td>
</tr>
<tr>
<td>* 37040</td>
<td>Geography of Africa (3)</td>
<td></td>
</tr>
<tr>
<td>* 37070</td>
<td>Geography of East and Southeast Asia (3)</td>
<td></td>
</tr>
<tr>
<td>* 37084</td>
<td>Geography of South America (3)</td>
<td></td>
</tr>
<tr>
<td>* 37085</td>
<td>Geography of Central America and Mexico (3)</td>
<td></td>
</tr>
<tr>
<td>HIST 31061</td>
<td>History of Ohio (3)</td>
<td></td>
</tr>
<tr>
<td>31126</td>
<td>History of the Middle East (3)</td>
<td></td>
</tr>
<tr>
<td>31130</td>
<td>History of African Civilization (3)</td>
<td></td>
</tr>
<tr>
<td>31140</td>
<td>Modern Latin America (3)</td>
<td></td>
</tr>
<tr>
<td>** 42293</td>
<td>Colloquium: China and Japan (3)</td>
<td></td>
</tr>
</tbody>
</table>

*Course fulfills diversity requirement.

**Course fulfills writing-intensive requirement.

For Praxis II testing requirements and information, contact the Vacca Office of Student Services.
The Bachelor of Science in Nutrition and Food offers two concentrations: hospitality management and nutrition and dietetics.

### Hospitality Management Concentration

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

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

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

- Overall GPA of 2.00
- Valid standard first aid certificate
- Valid CPR certificate
- 400 approved work hours within the food service industry
- Ohio Certified Manager status
- Completion of the following courses: HM 13022, 13023 and 13024.

### B.S. in Nutrition and Food

#### 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.

- ECON 22060 Principles of Microeconomics
- Social Sciences LER course

#### Basic Sciences

- NUTR 23511 Science of Human Nutrition (3)
- Basic Science LER course
  - Must include one laboratory course.

#### Additional LER Courses

- COMM 15000 Introduction to Human Communication
- ECON 22060 Principles of Microeconomics

#### 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 (2.00) grade. This requirement is fulfilled in this major with HM 43027. A complete list of writing-intensive courses is on Pages 93-95.

#### IV. Hospitality Management Requirements

- ENG 30063 Business and Professional Writing
- HM 13022 Sanitation and Safety
- HM 13023 Techniques of Food Production
- HM 13024 Introduction to Hospitality Management
- HM 23030 Lodging Operations
- HM 33020 Legal Issues in the Hospitality Industry
- HM 33026 Hospitality Cost Control and Analysis
- HM 33028 Hospitality Purchasing
- HM 33029 Catering and Banquet Preparation and Service
- HM 33050 Professional Practices in Hospitality Management
- HM 43025 Hospitality Marketing
- HM 43027 Hospitality Human Resource Management
- HM 43031 Layout and Design of Food Service Operations
- HM 43092 Practicum/Hospitality Management

Professional electives, choose from the following:

- FIN 36053 Business Finance
- HDFS** 24011 Interpersonal Relationships and Families
- HM 23012 Food Study
- HM 33035 Hospitality Service Quality Management
- HM 33036 Club Management
- HM 33040 Hotel Convention Group Sales and Services
- 41093 Workshop (1-3)
- 41095 Special Topics (1-4)
- 43029 Hospitality Financial Policy
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>43040</td>
<td>Strategic Lodging Management</td>
<td>3</td>
</tr>
<tr>
<td>43043</td>
<td>Hospitality Meetings Management</td>
<td>4</td>
</tr>
<tr>
<td>RPTM 26060</td>
<td>Introduction to Global Tourism</td>
<td>3</td>
</tr>
<tr>
<td>36060</td>
<td>Commercial Recreation and Tourism</td>
<td>3</td>
</tr>
<tr>
<td>46000</td>
<td>Tourism Development and Recreational Travel</td>
<td>3</td>
</tr>
</tbody>
</table>

### V. Business

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCT 23020</td>
<td>Introduction to Financial Accounting</td>
<td>3</td>
</tr>
<tr>
<td>MIS 24053</td>
<td>Introduction to Computer Applications</td>
<td>3</td>
</tr>
<tr>
<td>24163</td>
<td>Principles of Management</td>
<td>3</td>
</tr>
<tr>
<td>34180</td>
<td>Human Resource Management</td>
<td>3</td>
</tr>
<tr>
<td>MKTG 25010</td>
<td>Marketing</td>
<td>3</td>
</tr>
</tbody>
</table>

### VI. General electives

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.

### 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 Experience FLASH Point</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.

#### Composition

<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 11009</td>
<td>Modeling Algebra</td>
<td>4</td>
</tr>
</tbody>
</table>

#### Humanities and Fine Arts

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

### III. Writing-Intensive Requirement

Students must complete a one-course writing-intensive requirement and earn minimum C (2.00) grade. This requirement is fulfilled in this major with NUTR 43013. A complete list of writing-intensive courses is on Pages 93-95.

### IV. English Requirement

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 20002</td>
<td>Introduction to Technical Writing</td>
<td>3</td>
</tr>
</tbody>
</table>

### V. Sciences

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSCI 20020</td>
<td>Biological Structure and Function</td>
<td>5</td>
</tr>
<tr>
<td>CHEM 10060</td>
<td>General Chemistry I</td>
<td>4</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>CHEM 10061</td>
<td>General Chemistry II</td>
<td>4</td>
</tr>
<tr>
<td>COMM 15000</td>
<td>Introduction to Human Communication</td>
<td>3</td>
</tr>
</tbody>
</table>

### VI. Business

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MIS 24053</td>
<td>Introduction to Computer Applications</td>
<td>3</td>
</tr>
<tr>
<td>24163</td>
<td>Principles of Management</td>
<td>3</td>
</tr>
<tr>
<td>34180</td>
<td>Human Resource Management</td>
<td>3</td>
</tr>
</tbody>
</table>

### VII. Nutrition and Dietetics Requirements

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>43011</td>
<td>Interpersonal Relationships and Families</td>
<td>3</td>
</tr>
<tr>
<td>HM 23012</td>
<td>Food Study</td>
<td>3</td>
</tr>
<tr>
<td>43030</td>
<td>Food Service Systems Management</td>
<td>3</td>
</tr>
<tr>
<td>43032</td>
<td>Food Production and Service Management</td>
<td>3</td>
</tr>
<tr>
<td>NUTR 23511</td>
<td>Science of Human Nutrition</td>
<td>3</td>
</tr>
<tr>
<td>33512</td>
<td>Nutrition</td>
<td>3</td>
</tr>
<tr>
<td>33522</td>
<td>Applied Nutrition</td>
<td>3</td>
</tr>
<tr>
<td>&quot; 43013</td>
<td>Experimental Methods in Nutrition</td>
<td>3</td>
</tr>
<tr>
<td>43016</td>
<td>Cultural Aspects of Food, Nutrition and Health</td>
<td>3</td>
</tr>
<tr>
<td>43513</td>
<td>Advanced Nutrition</td>
<td>3</td>
</tr>
<tr>
<td>43514</td>
<td>Clinical Dietetics</td>
<td>5</td>
</tr>
<tr>
<td>43515</td>
<td>Community Nutrition</td>
<td>3</td>
</tr>
<tr>
<td>43518</td>
<td>Maternal and Child Nutrition</td>
<td>3</td>
</tr>
<tr>
<td>43520</td>
<td>Nutrition for Fitness</td>
<td>3</td>
</tr>
<tr>
<td>43523</td>
<td>Nutrition and Dietetics Professional Practice</td>
<td>1</td>
</tr>
</tbody>
</table>

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.

### 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 (2.00) grade. This requirement is fulfilled in this major with NUTR 43013. A complete list of writing-intensive courses is on Pages 93-95.

### IV. English Requirement

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<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
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<td>CHEM 10061</td>
<td>General Chemistry II</td>
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<td>3</td>
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<th>Credits</th>
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</thead>
<tbody>
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<td>MIS 24053</td>
<td>Introduction to Computer Applications</td>
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<tr>
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<td>3</td>
</tr>
<tr>
<td>34180</td>
<td>Human Resource Management</td>
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### VII. Nutrition and Dietetics Requirements

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<tr>
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<td>Nutrition for Fitness</td>
<td>3</td>
</tr>
<tr>
<td>43523</td>
<td>Nutrition and Dietetics Professional Practice</td>
<td>1</td>
</tr>
</tbody>
</table>
VIII. General Electives ........................... 11

\[ \text{TOTAL 125} \]

*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 pre-kindergarten-through-grade-12 teaching licensure in Ohio.

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

- US 10097 First Year Experience FLASH Point ............................ 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 (2.00) 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

**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 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.

**Diversity Requirement**

- Students choosing the exercise physiology option need only one course. Students choosing the Health and Physical Education concentration must take COMM 15000.

**Writing-Intensive Requirement**

- Students must complete a one-course writing-intensive requirement and earn a C (2.00) or higher. PEP 25059 in the major requirements fulfills the domestic focus. 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

\[ \text{TOTAL 121-165} \]

*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.
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 ........................................... 7
PEB 10035 Lifetime Fitness .................................. 2
12424 Exercise and Weight Control ..................... 1
PEP 15018 Development of Swimming and Aquatic Skills .. 1
35022 Exercise Leadership ................................. 3
Choose one of the following options: .................... 27-43

Exercise Physiology Option (27)
ATTR 25036 Principles of Athletic Training (3)
CHEM 20481 Basic Organic Chemistry I (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 (43)
ATTR 25036 Principles of Athletic Training (3)
45039 Therapeutic Rehabilitation (4)
45040 Pathology and Pharmacology for Allied Health Care Providers (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)
40612 Exercise Leadership for the Older Adult (3)
45065 Exercise Testing (3)
45070 Electrocardiography for the Exercise Physiologist (3)
45080 Physiology of Exercise (3)
45490 Internship Seminar (1)
45492 Internship in Physical Fitness/Cardiac Rehabilitation (4)

Guided electives ................................................... 13-28

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Pre-K through 12 Licensure

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 (2.00) in all HED and PEP courses.

Health Education Requirements ................................ 27
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 Science of Human Nutrition ................. 3

Health Physical Education Movement Experiences ............. 11
PEP 15013 Development and Analysis of Dance ........... 2
15014 Development and Analysis of Gymnastic Skills .... 1
15015 Development and Analysis of Game Performance I .. 2
15016 Development and Analysis of Game Performance II .. 3
15017 Fundamental Locomotor and Manipulative Skills .. 1
15018 Development of Swimming and Aquatics Skills .... 1
15019 Development and Analysis of Track and Field ....... 1

Health and Physical Education Professional Requirements .... 57
ATTR 35025 Essentials of Athletic Injury Management .... 1
CI 47330 Reading and Writing in Adolescence/Adulthood .. 3
EDPF 29625 Educational Psychology ..................... 3
29635 Education in a Democratic Society ................ 3
HED 20000 Health Education for Early Childhood ....... 3
32542 Methods and Applications of Health Education .... 5
34050 Program Planning and Evaluation in Health ....... 3
42041 Health Counseling .................................. 3
44543 Administration of School Health Programs ....... 3
ITEC 19525 Educational Technology ..................... 3
PEP 25025 Teaching in Physical Education ................. 3
25068 Measurement and Evaluation in Fitness and Sport .... 3
45037 Adapted Physical Education ..................... 3
45051 Elementary School Physical Education Methods .. 3
College of Education, Health, and Human Services

Movement Experiences ........................................ 11
PEP 15013 Development and Analysis of Dance ............... 2
15014 Development and Analysis of Gymnastics .......... 1
15015 Development and Analysis of
  Game Performance I ...................................... 2
15016 Development and Analysis of
  Game Performance II .................................. 3
15017 Fundamental Motor Skills ............................... 1
15018 Development of Swimming and Aquatic Skills .... 1
15019 Development and Analysis of Track and Field .... 1

Teacher Education Professional Requirements ............... 42
ATTR 35025 Essentials of Athletic Injury Management .... 1
CI 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 ...................................... 15
PEP 49525 Inquiry into Professional Practice
  in Physical Education ................................... 3
49526 Student Teaching in Physical Education ............. 12

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

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

Human Movement Studies Concentration

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

Movement Experiences ........................................ 8
PEP 15018 Development of Swimming and Aquatic Skills .... 1
Physical education basic or professional movement electives ... 7

Concentration Requirements ................................... 15
PEP 25058 Human Anatomy and Physiology II ............. 3
25068 Measurement and Evaluation
  in Fitness and Sport ....................................... 3
45015 Psychology of Coaching ............................... 3
45037 Adapted Physical Education ............................ 3
Choose from the following: ................................... 3
PEP 45092 Internship in Physical Education (3)
45096 Individual Investigation in Physical Education (3)

Approved minor and electives ................................. 41

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

Pre-K through 12 Licensure

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 (2.00) grade in all PEB and PEP courses.

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

For Praxis II testing requirements and information, contact the
Vacca Office of Student Services.
## B.S.E. in Physical Science

| I. General College or University Requirements | 1 |
| US 10097 First Year Experience FLASH Point | 1 |

| II. Liberal Education Requirements | 38 |
| III. Writing-Intensive Requirement | |
| IV. Mathematics Requirements | 12 |
| V. Major Requirements | 53 |

### 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
   - US 10097 First Year Experience FLASH Point

II. Liberal Education Requirements
   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
     - Minimum one course must be selected from each mathematics category and fine arts category.
   - Humanities and Fine Arts
     - 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)
     - ECON 22060 Principles of Microeconomics (3)
   - Basic Sciences
     - Must include one laboratory course.
   - Additional LER Courses
     - ECON 22061 Principles of Macroeconomics (3)
     - Choose from the following: (3)
     - LER course from above categories
     - 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 (2.00) 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
   - 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)

   *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
   - ACCT 23020 Introduction to Financial Accounting (3)
   - HDFS 41093 Workshop: Human Development and Family Studies (3)
   - MIS 24053 Introduction to Computer Applications (3)
   - RPTM 26010 Community Development in Recreation (3)
   - 26081 Principles of Outdoor Recreation (3)
   - 36010 Recreation, Leisure and Aging (3)
   - 36081 Adventure Education (3)
   - 36085 Leisure and Culture (3)
   - 36192 Practicum in Leisure Services Management (1)

   Physical education basic electives (3)

   Electives (3)

   TOTAL 121-122
Tourism Management Concentration

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

Concentration Requirements ........................................... 21
HM 13024 Introduction to Hospitality Management .......... 2
RPTM 26060 Introduction to Global Tourism ................. 3
26081 Principles of Outdoor Recreation ..................... 3
36060 Commercial Recreation and Tourism ................. 3
36192 Practicum in Leisure Services Management ....... 1
46000 Tourism Development and Recreational Travel .... 3
SPAD 45022 Event Planning and Production ................. 3
Physical education basic electives ............................... 3
Electives ...................................................................... 1-2
Business minor (see requirements on Page 257) .......... 18

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

I. General College or University Requirements .............. 1
   US 10097 First Year Experience FLASH Point ............ 1

II. Liberal Education Requirements ............................. 36-37
   A complete list of Liberal Education Requirements (LER) 
   courses is on Pages 86-87.
   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 humanities category and minimum 
   one course from fine arts category.
   Fine arts and/or humanities LER courses .................. 6
   Choose from the following: ................................ 3
   PHIL * 11001 Introduction to Philosophy (3)
   * 21001 Introduction to Ethics (3)

   Social Sciences
   Must be selected from two curricular areas.
   PSYC 11762 General Psychology ........................... 3
   Social sciences LER course .................................. 3

   Basic Sciences
   Must include one laboratory course.
   BSCI 10001 Human Biology .................................. 3
   Basic sciences course and laboratory ...................... 3-4

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

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

   Writing-Intensive Requirement
   Students must complete a one-course writing-intensive require-
   ment and earn a minimum C (2.00) 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 ............................................ 49
   HED 11570 Personal Health .................................... 3
   11590 Community Health ..................................... 3
   20000 Health Education for Early Childhood ............ 3
   21030 Introduction to Health Education ................... 3
   21050 Health Behavior ....................................... 3
   32530 Drug Use and Misuse .................................. 3
   ** 32542 Methods and Applications of Health Education .5
   32544 Human Sexuality ...................................... 3
   34050 Program Planning and Evaluation 
   in Health Education ......................................... 3
   42041 Health Counseling .................................... 3
   44543 Administration of School Health Programs ....... 3
   44550 Drug Abuse and Violence Prevention ............. 3
   44544 Sexual Health Promotion ............................. 3
   Health education electives, choose from the following: ..8
   HED 32575 Consumer Health (3)......................... 3
   34060 Small Group Process (2) ............................. 3
   42575 Health and Learning: Strategies for Students 
   and Teachers (3) ............................................. 3
   44025 Women’s Health Issues (3) .......................... 3
   46052 Stress: Recognition and Management (2) ......... 3
   46057 Advanced Human Sexuality (3) ...................... 3
   46060 Death Education (3) .................................. 3
   47070 AIDS: Issues, Education and Prevention (3) ...... 3
   48092 Field Experience in Health Education (1-3)

V. Other Coursework ............................................... 11
   NUTR 23511 Science of Human Nutrition ................ 3
   PEB 10035 Lifetime Fitness .................................. 2
   SPEDE 23000 Introduction to Exceptionalities .......... 3
   Choose from the following: ................................ 3
   ITEL 47427 Technology and Learning (3) ................. 3
   47430 Computer Applications in Education (3)

VI. Professional Coursework .................................... 24
   CI 47330 Reading and Writing in Adolescence .......... 3
   EDPF 29525 Educational Psychology ...................... 3
   29635 Education in a Democratic Society ................ 3
   HED 42358 Student Teaching in Health Education ....... 9

2008-2009 Kent State University Undergraduate Catalog
B.S.E. in School Health Education (Pre-K-12 Licensure)

Health and Physical Education Concentration

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

I. General College or University Requirements
   US  10097 First Year Experience FLASH Point

II. Liberal Education Requirements
   Composition
   Students pursuing teacher licensure must earn minimum C (2.00) grade in both courses.
   ENG 11011 College Writing I
   21011 College Writing II
   Mathematics and Critical Reasoning
   Students pursuing teacher licensure must establish mathematical competence and should see their advisor for details.
   PSYC 11762 General Psychology
   Social sciences LER course
   Basic Sciences

Additional LER Courses
Must be selected from two categories.
COMM 15000 Introduction to Human Communication
Choose from the following:
PHIL 11009 Principles of Thinking
LER course from above categories
Diversity Requirement
Students must complete a two-course diversity requirement, consisting of one with a domestic (U.S.) focus and one with a global focus. One course must come from the LER. The domestic-focus course is fulfilled in this major with PEP 25059 or SPED 23000. A complete list of diversity courses is on Pages 89-91.

IV. Major Requirements

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

V. Health Education Requirements

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

VI. Health Physical Education Movement Experiences

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

VII. Health and Physical Education Professional Requirements

Additional LER Courses
Must be selected from two categories.
COMM 15000 Introduction to Human Communication
Choose from the following:
PHIL 11009 Principles of Thinking
LER course from above categories
Diversity Requirement
Students must complete a two-course diversity requirement, consisting of one with a domestic (U.S.) focus and one with a global focus. One course must come from the LER. The domestic-focus course is fulfilled in this major with PEP 25059 or SPED 23000. A complete list of diversity courses is on Pages 89-91.

IV. Major Requirements

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

V. Health Education Requirements

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

VI. Health Physical Education Movement Experiences

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

VII. Health and Physical Education Professional Requirements

Additional LER Courses
Must be selected from two categories.
COMM 15000 Introduction to Human Communication
Choose from the following:
PHIL 11009 Principles of Thinking
LER course from above categories
Diversity Requirement
Students must complete a two-course diversity requirement, consisting of one with a domestic (U.S.) focus and one with a global focus. One course must come from the LER. The domestic-focus course is fulfilled in this major with PEP 25059 or SPED 23000. A complete list of diversity courses is on Pages 89-91.
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.
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 Experience FLASH Point ......................1

II. Liberal Education Requirements ..................................37-38
   A complete list of Liberal Education Requirements (LER) courses is on Pages 85-87.
   Composition
   ENG 11011 College Writing I ........................................3
   21011 College Writing II ...........................................3
   Mathematics and Critical Reasoning
   MATH 11009 Modeling Algebra ......................................4
   Humanities and Fine Arts
   ARCH 10001 Understanding Architecture ............................3
   PHIL *21001 Introduction to Ethics ................................3
   Humanities or fine arts LER course ................................3
   Social Sciences
   ECON 22060 Principles of Microeconomics ..........................3
   Choose from the following: ........................................3
   PSYC 11762 General Psychology (3)
   SOC * 12050 Introduction to Sociology (3)

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

Additional LER Courses
   COMM 15000 Introduction to Human Communication ................3
   ECON 22061 Principles of Macroeconomics ........................3

III. Diversity Requirement
   Students must complete a two-course diversity requirement, consisting of one with a domestic (U.S.) focus and one with a global focus. The domestic-focus course is fulfilled in this major with LER social sciences SOC 12050 or major requirement PEP 25059. The global-focus course is fulfilled in this major with LER humanities PHIL 21001. A complete list of diversity courses is on Pages 89-91.

IV. Writing-Intensive Requirement
   Students must complete a one-course writing-intensive requirement and earn a C (2.00) or higher. This requirement is fulfilled in this major with SPAD 45030. A complete list of writing-intensive courses is on Pages 93-95.

V. Major 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)
   MIS 24056 Fundamentals of Business Statistics (3)
   MATH 10041 Elementary Probability and Statistics (3)

VI. Electives .........................................................12

VII. Business Minor (see requirements on Page 257) ...............18

*Course fulfills writing-intensive requirement.

**Course fulfills diversity requirement.

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

2.50 GPA required for graduation.
GPA in major includes major requirements, movement experiences and any additional SPAD course.

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

### B.S.E. in Trade and Industrial Education

#### I. General College or University Requirements  .................................. 1
US 10097 First Year Experience FLASH Point .................................. 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** .................................. 9
Minimum one course from humanities category and minimum one course from fine arts category.

**Social Sciences**
Must be from two curricular areas.

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

**Basic Sciences** .................................. 6-7
Must include one laboratory course.

**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.

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

**Writing-Intensive Requirement**
Students must complete a one-course writing-intensive requirement and earn a C (2.00) 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 Coursework .................................. 36

- CTTE 36014 Evaluation Practices in Career and Technical Teacher Education .................................. 3
- 36020 Occupational Experience: Technology .................................. 12
- 36021 Occupational Experience: Manipulative .................................. 12
- 46017 Youth Organizations in Career and Technical Teacher Education .................................. 3
- 46018 Disadvantage Youth in Career and Technical Teacher Education .................................. 3
- 46029 Introduction to Training and Development .................................. 3

or appropriate content area coursework (see advisor)

**IV. Professional Education** .................................. .57

- CI 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
- * 46002 In-Service Teaching I .................................. 1
- * 46003 In-Service Teaching II .................................. 1
- * 46015 Methods of Career and Technology Education .................................. 3
- 46019 Coordination of Career Technical Cooperative Education Programs .................................. 3
- * 46020 Curriculum Guide: Design and Application .................................. 3
- *** 46031 Student Teaching in Career Technical Education .................................. 9
- *** 49525 Inquiry into Professional Practice .................................. 3
- EDPF 29525 Educational Psychology .................................. 3
- HED 42575 Health and Learning: Strategies for Students and Teachers .................................. 3
- ITEC 47427 Technology and Learning .................................. 3
- SPED 49525 Introduction to Exceptionalities .................................. 3
- Electives .................................. 6

If initial license is obtained through bachelor’s degree program, then student teaching (CTTE 46031 and 49525) is required. In addition, ITEC 19525 and EDPF 29535 must be taken prior to student teaching and counts for the 6 credit hours of electives.

**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).

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 Vacca 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.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CI ** 47330</td>
<td>Reading and Writing in Adolescence</td>
<td>3</td>
</tr>
<tr>
<td>EDPF 29625</td>
<td>Educational Psychology</td>
<td>3</td>
</tr>
<tr>
<td>EDPF 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>
<tr>
<td>XXXX* 42357</td>
<td>Secondary Student Teaching</td>
<td>3</td>
</tr>
<tr>
<td>XXXX***49525</td>
<td>Inquiry into Professional Practice</td>
<td>3</td>
</tr>
</tbody>
</table>

*Methods courses in the students' major area**** 6

**course in students' major department

Area-specific courses (cohort seminars)***** 9

TOTAL 42

* Students in foreign languages take MCLS 40657 Student Teaching.

** Students in foreign languages and technology education meet this requirement through coursework in the major.

**** Students in foreign languages take MCLS 40525 Inquiry into Professional Practice. Students in TESL take ENG 41109 Student Teaching (9). Students in art education take ARTE 41557 Art Education: Student Teaching and Practicum. Students in music education take MUS 42357 Student Teaching and Seminar. Students in technology education take TECH 46031 Student Teaching. Students in dance education take DAN 47525 Student Teaching.

**** Students in foreign languages take the following courses:
- MCLS 40420 Foreign Languages and Culture Studies (3)
- MCLS 40654 Computers in Second Language Teaching (3)
- PSYC 40461 Psychology of Language (3)

***** 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 300 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 with no grade lower than a C are required for student teaching, graduation, and licensure. All courses in the minor must be completed with a minimum C (2.00) 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 the Arts:**
- Art Education—See Pages 133-134, as the professional education courses are built into the major.
- Music Education—See Pages 146-148, as the professional education courses are built into the major.

**College of Arts and Sciences:** See Pages 234-235.

**College of Education, Health, and Human Services**
- Physical Education—See Pages 342-344, as the professional courses are built into the major.

**College of Technology:**
- Technology Education—See Page 379-380. 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>Credit Hours</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 credit hours

- HED * 32530 Drug Use and Misuse (3)
- NUTR*23511 Science of Human Nutrition (3)
- PEP 35079 Sports Physiology (3)

Choose from the following: 3 credit hours

- PEP 25033 Lifespan Motor Development (3)
- 35010 Psychological Dimensions of Motor Behavior (3)

Choose from the following: 4 credit hours

- PEP 35040 Coaching Football (2)
- 35041 Coaching Soccer (2)
- 35042 Coaching Volleyball (2)
- 35043 Coaching Gymnastics (2)
- 35044 Coaching Basketball (2)
- 35045 Coaching Wrestling (2)
- 35047 Coaching Tennis and Golf (2)
- 35048 Coaching Baseball and Softball (2)
- 35049 Coaching Track and Field (2)

** 43093 Workshop in Exercise, Leisure and Sport (1-3)
45692 Internship in Athletic Coaching (2-4)

**Total** 23 credit hours

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

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

Minimum 2.25 GPA in the minor required for graduation.

### Community Health Education Minor

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

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</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 credit hours

- HED 32530 Drug Use and Misuse (3)
- 32544 Human Sexuality (3)

**Total** 26 credit hours

Minimum 2.50 GPA in the minor required for graduation.

### Family, Food and Nutritional Studies Minor

**Required Courses**

- GER 14029 Introduction to Gerontology (3)
- HDFS 24011 Interpersonal Relationships and Families (3)
- 25512 Management of Family Resources (3)

Choose from the following: 3 credit hours

- NUTR 23511 Science of Human Nutrition (3)
- 33512 Nutrition (3)

**Optional Courses**

8 of the 12 credit hours must be upper division:

Choose from the following:

- GER 44030 Adult Development and Aging (3)
- HDFS 24012 Child Development (3)
- 40946 Workshop in Human Development and Family Studies (3)
- 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 33516 Cultural Aspects of Food (3)
- 43518 Maternal and Child Nutrition (3)
- 43521 Food Choices for Prescribed Dietary Modification (2)

**Total** 24 credit hours

*With approval of advisor.

Minimum 2.25 GPA in the minor required for graduation.
Gerontology Minor

**Required Courses** ................................. 17-18

- GER0 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 Science of Human Nutrition (3)
  or
- 33512 Nutrition (3)

**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)
- MIS 24163 Principles of Management (3)
- NUTR 43521 Food Choices for Prescribed Dietary Modifications (2)
- SOC 42010 Death and Dying (3)
  42670 Interdisciplinary Seminar in Social Gerontology (3)

**TOTAL** 25

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

Minimum 2.25 GPA in the minor required for graduation.

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

Hospitality Management Minor

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

**Required Courses** ........................................ 17

- ACCT 23020 Introduction to Financial Accounting .......... 3
- HM 13024 Introduction to Hospitality Management ........ 2
- 23030 Lodging Operations ........................................ 3
  *(Offered only in fall semester.)*
- 43030 Food Service Systems 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 (4)
- RPTM 36060 Commercial Recreation and Tourism (3)

**TOTAL** 23-27

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

Minimum 2.50 GPA required for admission to the minor.

Minimum 2.75 GPA in the minor required for graduation.

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

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

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

TOTAL 21

Minimum 2.50 GPA in the minor required for graduation.

Sports Medicine Minor

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

ATTR 25036 Principles of Athletic Training ........ 3
25037 Physical Assessment Techniques .......... 4
35037 Advanced Physical Assessment Techniques 3
45038 Organization and Administration of Athletic Training .................. 3
45039 Therapeutic Rehabilitation .................. 4
45040 Pathology and Pharmacology for Allied Health Care Providers ....... 3
PEP 25057 Human Anatomy and Physiology I .... 3
25058 Human Anatomy and Physiology II ........ 3
35075 Exercise Programming ..................... 3
45080 Physiology of Exercise ..................... 3
45091 Senior Seminar ................................ 1

TOTAL 33

Minimum 2.25 GPA in the minor required for graduation.

Tourism Management Minor

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

RPTM 26060 Introduction to Global Tourism .......... 3
26081 Principles of Outdoor Recreation ............ 3
35040 Inclusion of People with Disabilities in Leisure Services .......... 3
36060 Commercial Recreation and Tourism .......... 3
46000 Tourism Development and Recreational Travel .... 3
SPAD 45022 Event Planning and Production ......... 3

TOTAL 18

Minimum 2.25 GPA in the minor required for graduation.
MINOR OUTSIDE THE COLLEGE OF EDUCATION, HEALTH, AND HUMAN SERVICES

Business Minor

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

<table>
<thead>
<tr>
<th>Course</th>
<th>Semester Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCT 23020</td>
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</tr>
<tr>
<td>ACCT 23021</td>
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<tr>
<td>FIN 36053</td>
<td>3</td>
</tr>
<tr>
<td>MIS 24163</td>
<td>3</td>
</tr>
<tr>
<td>MKTG 25010</td>
<td>3</td>
</tr>
<tr>
<td>Choose from the following:</td>
<td>3</td>
</tr>
<tr>
<td>CS 10061</td>
<td></td>
</tr>
<tr>
<td>MIS 24053</td>
<td>3</td>
</tr>
</tbody>
</table>

**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 128-129 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 211-234 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 256-263 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 271-273 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 387 for program requirements.

Electronic Technology
Flight Technology
Technology
### QUALITY OF TEACHER PREPARATION

**PRAXIS II INSTITUTION PASS RATE DATA**

**KENT STATE UNIVERSITY 2006-2007**

<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>462</td>
</tr>
<tr>
<td>Number of Program Completers found, matched and used in passing rate Calculations¹</td>
<td>431</td>
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</tbody>
</table>

#### Type of Assessment²

<table>
<thead>
<tr>
<th>Type of Assessment</th>
<th>Number Taking Assessment³</th>
<th>Number Passing Assessment⁴</th>
<th>Institutional Pass Rate</th>
<th>Number Taking Assessment³</th>
<th>Number Passing Assessment⁴</th>
<th>Statewide Pass Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aggregate - Basic Skills</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Aggregate - Professional Knowledge</td>
<td>425</td>
<td>410</td>
<td>96%</td>
<td>7405</td>
<td>7146</td>
<td>96%</td>
</tr>
<tr>
<td>Aggregate - Academic Content Areas (Math, English, Biology, etc.)</td>
<td>394</td>
<td>376</td>
<td>95%</td>
<td>7699</td>
<td>7474</td>
<td>97%</td>
</tr>
<tr>
<td>Aggregate - Other Content Areas (Career/ Technical Education, Health Education, etc.)</td>
<td>7</td>
<td>0</td>
<td>0%</td>
<td>127</td>
<td>127</td>
<td>100%</td>
</tr>
<tr>
<td>Aggregate - Teaching Special Populations (Special Education, ELS, etc.)</td>
<td>78</td>
<td>74</td>
<td>95%</td>
<td>998</td>
<td>951</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>
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<tr>
<td>Summary Totals and Pass Rates⁵</td>
<td>431</td>
<td>401</td>
<td>93%</td>
<td>7557</td>
<td>7165</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.