Physical Education/Natatorium (PE) 250
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Department of Tourism, Conventions, and Event Management Information:
(317) 274-2599
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History of the School of Physical Education

The School of Physical Education is the oldest unit at Indiana University–Purdue University Indianapolis (IUPUI), and also the oldest existing school for the preparation of physical education teachers in the country.

The school was founded in New York City in 1866 as the Normal College of the American Gymnastic Union. It was established by the American Turners to prepare instructors for their gymnastics societies.

The school moved to Chicago in 1871 only to be burned out by the great Chicago fire, which forced it to return to New York, where it remained until 1873. The school then moved to Milwaukee, and settled finally in Indianapolis in 1907. During these years, the curriculum was continually expanded, from a four-month certificate program to a one-year, then a two-year, and eventually a four-year degree program. The curricular changes were in response to the ever-changing needs for trained professionals in other educational institutions.

The Normal College merged with Indiana University in 1941, when financial difficulties occurred. Under the merger, students attended the Normal College in Indianapolis for two years and completed their junior and senior years in Bloomington, where they earned the Bachelor of Science in Physical Education degree. This arrangement remained in effect until 1969, when the junior-year program was moved to Indianapolis, followed by the senior-year program in 1972. In the same year, the name of the college was changed to the School of Physical Education to reflect more closely the mission of the school as a training center for teachers of physical education.

Major changes in the physical education program were initiated at the beginning of the 1992 academic year. As a result of expanded professional demands, the academic program was divided into the three tracks of teacher education, exercise science, and general physical education. In 1994 the School of Physical Education added two new departments: the Department of Tourism, Conventions, and Event Management and the Department of Military Science.

Mission

The mission of the School of Physical Education at Indiana University–Purdue University Indianapolis is to prepare students for entry-level positions and advanced study, to contribute to the body of knowledge through creative and scholarly activities, and to serve the profession and the community. Through collaboration and interdisciplinary work with diverse populations, the School of Physical Education strives to enhance wellness, to improve quality of life, and to encourage leisurely pursuits.

The Department of Physical Education grants the Bachelor of Science in Physical Education degree. Students may select from three tracks (exercise science with pre-physical therapy option, fitness and sports studies, K-12 teacher education) and a variety of minors, endorsements, concentrations, and certificates.

The Department of Tourism, Conventions, and Event Management offers a two-year degree in food service and lodging supervision. The program focuses on the skills needed by a supervisor, department head, or unit manager employed in any of the various fields of hospitality: food operations, lodging management, and/or institutional management.

A four-year degree, tourism, conventions, and event management, emphasizes tourism research and meeting, special events, and sport event planning to prepare graduates for management positions in a variety of profit and not-for-profit tourism organizations.

The Department of Recreational and Intramural Sports and the Department of Military Science also reside in the School of Physical Education.

Location

The School of Physical Education and the Indiana University Natatorium share a $21.5 million facility located at 901 W. New York Street on the main campus of IUPUI. The complex is divided into deck, concourse, and bridge levels, covering approximately 200,000 gross square feet.

The deck level features weight-training and conditioning rooms, a 50-meter competitive pool, a diving pool, and a 50-meter instructional pool; the instructional pool is equipped with moveable bulkheads and floor so that the water depth may be adjusted to aid in instruction and recreation. A research suite for exercise physiology and biomechanics is located on the deck level.

The concourse level of the physical education wing has a large gymnasium, an auxiliary gymnasium, racquetball courts, and a student lounge.

The bridge level houses the administrative and faculty offices. From this level an enclosed overhead pedestrian walkway connects the physical education complex with the Education/Social Work Building across New York Street, where the three schools share classroom space.

Adjacent to the Physical Education/Natatorium Building is an Olympic-caliber 400-meter track and field stadium, plus outdoor fields for instructional, recreational, and competitive athletic events. The 28.7-acre outdoor facility also includes fields for softball, soccer, and touch football.

The National Institute for Fitness and Sport was created in 1985. Dedicated to promoting healthy, active lifestyles through research, education, and service, this nonprofit organization currently works in conjunction with the School of Physical Education and other departments of the university. It occupies a $12 million, 120,000-square-foot facility located on the IUPUI campus and in White River State Park.

The Academic Program

Policies Governing the Academic Program—School of Physical Education

Degree Requirements

Students in the School of Physical Education are responsible for fully understanding and meeting all the requirements for graduation. Information regarding the program can be obtained by consulting this bulletin.

A minimum cumulative grade point average (GPA) of 2.0 (on a 4.0 scale) is necessary. Class standing is based on credit hours completed: Freshman—26 or fewer Sophomore—27-55 Junior—56-85 Senior—86

The Department of Physical Education requires a minimum of 124 credit hours for a Bachelor of Science degree. In the physical education major the department offers three tracks (exercise science with pre-physical therapy option, fitness and sports studies, teacher education), five minors (adapted physical education, athletic training, business, dance, health and safety), two endorsements (coaching, driver education), one concentration (aquatics), and a certificate in personal training (final approval pending). A capstone course is required of students in each of the three majors: an internship for exercise science and fitness and sports studies students, and student teaching for teacher education students. A minimum 2.5 cumulative grade point average is required for entry into the capstone course, and a minimum 2.0 cumulative grade point average is required to earn the bachelor's degree. A letter grade of C or better is required in English W131, English W231 and Communication R110, and none of these three courses may be taken by correspondence.

The teacher education (K-12) track prepares the student to meet K-12 physical education–teacher education certification requirements set by the state of Indiana. The exercise science track is designed for the individual who wishes to work in the corporate/community fitness setting or to pursue a graduate degree in exercise science, biomechanics, physical therapy, or a related health discipline. The fitness and sports studies track is directed to those interested in personal fitness training, sports programming, entrepreneur activities related to fitness and sports, and related fields.

The Department of Tourism, Conventions, and Event Management requires 64 credit hours for the Associate of Science degree and 124 for the Bachelor of Science degree.

The four-year and two-year degrees, as well as all certificate programs require a letter grade of C or better in courses from the major, as well as in the...
general education courses of ENG W131, BUS X204, and COMM R110. The degree programs require 600 hours of work experience in a pre-approved tourism or hospitality organization. Students may complete the work experience with a paid or a not-for-pay position.

Advising and Special Options

Advising Each student in the School of Physical Education is assigned a faculty counselor who advises the student in program planning and assists with any academic questions or problems. All students are expected to obtain counseling each semester prior to enrollment.

Independent Study Work may be accomplished in absence for credit through the School of Continuing Studies. A student must have satisfied the entrance requirements of the School of Physical Education, however, before registering for such work if it is to be applied toward a degree. Special permission from the dean is required. Students may apply up to 18 credit hours of correspondence work from the School of Continuing Studies toward a degree in the School of Physical Education.

Pass/Fail Option Physical Education students may elect to take one course each semester with a grade of P (Pass) or F (Fail), with a maximum of two such courses each school year, including summer sessions. The student must elect to exercise this option early in the semester or summer session, per the timeline contained in the Schedule of Classes. Courses that satisfy school or degree program requirements may not be taken under this option.

Excessive Withdrawal Policy After eight withdrawals, a mandatory meeting between the student, advisor, and department chair will be held to identify the reason(s) for the withdrawals, discuss alternatives for course scheduling, and review the student’s plan of study to determine if satisfactory progress is being made toward the degree objective. After 10 withdrawals, a mandatory meeting with the dean of the school will occur. A review of the previous meeting and reason(s) for subsequent withdrawals will determine if the student will be allowed to continue in the School of Physical Education.

Special Credit Opportunities

See department chair for procedures on special credit.

Academic Expectations

Student work in general education and major courses will include content and learning activities supporting the principles of undergraduate learning as defined by the faculty of the School of Physical Education. These five principles relate to students’ competencies in the following areas: core skills (reading, writing, speaking, quantitative analysis, and use of information technology); critical thinking; intellectual depth, breadth, and adaptiveness; understanding society and culture; and integration and application of knowledge. These general education principles are defined on course syllabi. Faculty expect students to use software applications to prepare assignments, to use electronic mail to enhance communication and/or submit assignments, and to develop competencies with various campus technology resources (e.g., Inside, Oncourse, internet browsers). Written work is to be of high quality (focused, organized, and with an introduction, purpose, sense of audience, thesis, and conclusion; appropriate sentence structure; variety; and correct spelling, grammar, and punctuation). Writing should reveal the student’s ability to develop ideas with balanced and specific arguments. Papers should follow APA style unless another style is specified, and should give credit to original sources when ideas or materials of others are used.

Academic Integrity

Students are responsible for familiarizing themselves with the school’s regulations concerning cheating and plagiarism, which appear as follows in the IUPUI Faculty Handbook VI-5:

Cheating is dishonesty of any kind with respect to examinations, course assignments, alteration of records, or illegal possession of examinations. It is the responsibility of the student not only to abstain from cheating, but, in addition, to avoid the appearance of cheating and to guard against making it possible for others to cheat. Any student who helps another student to cheat is as guilty of cheating as the student who was assisted. Students should also do everything possible to induce respect for the examining process and honesty in the performance of assigned tasks in or out of class.

Plagiarism is the claiming of the work of someone else as one's own. Honesty requires that any ideas or materials taken from another source for written or oral use must be fully acknowledged. The language or ideas taken from another may range from isolated formulas, sentences, or paragraphs to entire articles copied from books, periodicals, speeches, databases, or the writings of other students. The offering of materials assembled or collected by others in the form of projects or collections without acknowledgement also is considered plagiarism. Any student who fails to give credit for ideas or materials taken from another source is guilty of plagiarism. A faculty member who has evidence that a student is guilty of cheating or plagiarism shall initiate the process of determining the student’s guilt or innocence. No penalty shall be imposed until the student has been informed of the charge and of the evidence upon which it is based, and has been given an opportunity to present a defense. If the faculty member finds the student guilty, the faculty member assesses a penalty within the course and promptly reports the case in writing to the dean of the school or comparable head of the academic unit. The report should include the names of any other students who may be involved in the incident and recommendations for further action. The dean, in consultation with the faculty member if the latter so desires, will initiate any further disciplinary proceedings and inform the faculty member of any action taken. In every case, a record of the offenses remains on file in the dean’s office.

For further regulations, students should refer to IUPUI’s Code of Student Rights, Responsibilities, and Conduct by the Board of Trustees of Indiana University. You may obtain a copy of the Code from the Dean’s Office or view the text on the IUPUI Web site at www.iupui.edu.

Academic Load and Absences

Semester Academic Load A typical academic load is 12-18 credit hours, with an average load being approximately 15 credit hours. A typical load in a summer session is 6 credit hours. Students expecting to carry more than 18 credit hours per semester or 7 credit hours per summer session must have permission of the dean of the School of Physical Education and should have a minimum cumulative grade point average (GPA) of 3.0 (B), or have earned a B (3.0) average in their last full semester.

Academic Standing, Probation, Dismissal, and Reinstatement

Academic Standing Students who consistently maintain a GPA of 2.0 (C) or higher in both their cumulative and semester records are considered to be in good standing.

Academic Probation Students are on academic probation when either their semester GPA or their cumulative GPA is below 2.0 (C). Each student on academic probation will be so advised by a letter from the dean of the School of Physical Education. The student will be informed of all conditions and restrictions required for reestablishing good academic standing.

Dismissal Students are subject to dismissal when they have failed to attain a minimum of a 2.0 (C) average in any two consecutive semesters or when the cumulative GPA of the student who is on probation falls or remains below 2.0 (C). Each student who is dismissed will be so advised by a letter from the Office of the Dean of the School of Physical Education.

Reinstatement A dismissed student who wishes to be reinstated must contact the dean of the school to obtain an Application for Reinstatement. This application requires explanation of any extenuating circumstances that may have hindered academic performance, and a brief outline of future schedules and study plans. Each application will be considered on an individual basis, and will receive more favorable consideration if the student has sought advice about academic progress on previous occasions, and if academic records are close to the standards required for retaining the student. In order to allow time for each case to be reviewed on its own merits, petitions for readmission must be filed at least two weeks before the first day of classes.

The School of Physical Education typically does not consider petitions for immediate reinstatement. Dismissed students who believe that circumstances warrant consideration for immediate reinstatement must meet with the dean, who will determine whether or not an application for immediate reinstatement is warranted.

One Dismissal Students who have been dismissed once for academic reasons may appeal for reinstatement subject to the conditions stated above.

Two Dismissals Students who have been dismissed twice for academic reasons may not appeal for reinstatement for any enrollment period during the next calendar year.
Students who are reinstated by the school will have to meet prescribed standards of performance for the semester for which they are reinstated. Failure to meet these standards will result in dismissal.

**Student Grievance Procedures**

Students who feel they have been treated in an unfair or unethical manner by a member of the School of Physical Education faculty are encouraged to resolve their differences directly with the faculty member. When informal solutions do not appear possible, the following procedures should be observed.

**Appeal for Grade Change** A student may request a change of grade in a School of Physical Education course by filing a petition with the dean of the school. The petition, along with supporting evidence that the grade was improper, must be submitted to the Dean’s Office (PE 251) no later than one calendar year following the final date of the term in which the course was taken.

**Complaints of Unethical Treatment** All academic personnel (faculty, part-time instructors, and advisors) are expected to conform to the Code of Student Rights, Responsibilities, and Conduct published in the Indiana University Academic Handbook. Students who feel they have been treated unfairly by a faculty member may lodge a complaint by following the procedures outlined in the Code, a copy of which may be obtained from the Dean’s Office, PE 251.

**Student Ombuds Office**

The Student Ombudsperson provides impartial, objective, and confidential assistance to students, faculty/staff, and parents in situations involving students. The office assists in mediating or resolving specific complaints or conflicts. Contact the Student Ombuds Office for an initial, neutral, and confidential first step toward resolution. For information, contact the Student Ombuds Office, 274-3931, stuombud@iupui.edu.

**Graduation**

**Residency Requirements for Graduation** The student must complete at least 30 of the last 60 credit hours required for a specific degree program while in residence at the School of Physical Education at IUPUI. The 30 credit hours should include either one 12 credit hour regular semester or two 6 credit hour summer sessions.

Students in the two-year degree program must complete 15 of the last 24 credit hours required while in residence in the Tourism, Conventions, and Event Management (TCEM) department.

**Degree Application** A candidate for graduation must file a formal application for the degree with the School of Physical Education Recorder’s Office on the campus currently being attended.

**Internship Program in Tourism, Conventions, and Event Management (TCEM)**

TCEM majors are required to complete a minimum of 600 hours of work experience in tourism/hospitality businesses. The internship should be completed after the sophomore year of attendance.

**Student Organizations**

**Physical Education Student Organization (PESO)** PESO exists to improve the quality of student life. Its activities include assimilating new students into the School of Physical Education program, representing the school in the shaping of university-wide policies and activities, helping students attain educational objectives, and promoting participation in student activities. The general membership of the organization is composed of full- and part-time majors in the Physical Education and the Tourism, Conventions, and Event Management degree programs.

**Phi Epsilon Kappa** This professional fraternity was organized in 1913 at the Indianapolis campus of the School of Physical Education’s predecessor, the Normal College of the American Gymnastic Union Campus. It is dedicated to advancing interest in health education, physical education, recreation education, and safety education. It seeks to promote sound community relationships that support physical education programs. Eligibility criteria include a minimum 2.0 cumulative grade point average (GPA) earned at IUPUI in addition to participation in professional activities.

**IUPUI Moving Company** The IUPUI Moving Company is a performing dance company composed of students enrolled at IUPUI. Prospective members audition during the first week of the fall semester, when members and apprentices are taken into the company. Approximately 4-6 hours per week are spent in rehearsals, workshops, lecture-demonstrations, or performances. Members should be enrolled concurrently in a dance technique class while performing with the company. The repertoire consists of ballet, modern, jazz, and ethnic dance forms. The IUPUI Moving Company performs on campus, at professional conferences, and for elementary, middle school, and high school audiences.

**Indiana Association for Health, Physical Education, Recreation, and Dance and the American Alliance of Health, Physical Education, Recreation, and Dance** Students of the Department of Physical Education are encouraged to affiliate with this professional organization. Annual conferences and workshops, a professional journal, and a newsletter are among the membership benefits.

**Tourism and Hospitality Society** The Tourism, Conventions, and Event Management (TCEM) department sponsors this student organization to...
expand students’ knowledge about the tourism industry. Site visits and speakers are educational components. Social activities and fundraisers are also planned.

**Awards and Scholarships**

**School Awards and Scholarships**

**Dean’s Honor List**  Students in the School of Physical Education are recognized for outstanding academic achievement by having their names placed on the Dean’s List. This award goes to all full-time students who have achieved a semester grade point average (GPA) of 3.3 or better.

**Phillip K. Hardwick Scholarship**  Established in 1998, this scholarship recognizes a student in the School of Physical Education for outstanding community volunteerism or philanthropy.

**Department of Physical Education Awards and Scholarships**

**Athenaeum Turners Scholarship**  The Athenaeum Turners of Indianapolis established this scholarship to honor a physical education major who demonstrates academic excellence and professional promise. The School of Physical Education was located at the Indianapolis Athenaeum from 1907 to 1970.

**The Clara L. Hester Scholarship**  This coveted award is presented in the name of the past director of the Normal College of the American Gymnastic Union. Clara Hester served the school for 44 years; the award was established in 1978 to honor her. It is given to a full-time student majoring in physical education who has satisfied all academic criteria at the completion of the junior year. The recipient must use the award for academic programs in the Department of Physical Education at IUPUI.

**Peg Hope Scholarship**  This scholarship is awarded to a student with a GPA of 2.5 or higher who demonstrates financial need and who has worked to defray the cost of his or her education.

**The John Jordan Scholarship**  Recognizes an outstanding active member who emulates John Jordan, an outstanding former member of Alpha Chapter of Phi Epsilon Kappa.

**The Lola L. Lohse Scholarship**  This scholarship is presented annually to a minority student who is majoring in physical education. The basis for the selection consists of involvement in extracurricular activities, student leadership, participation in professional organizations, and evidence of self-help in obtaining a college education. Selection is made by the faculty.

**Rudolph L. Memmel Scholarship**  The Memmel Scholarship is given in honor and recognition of “Rudy” Memmel, former head of Physical Education for the Cincinnati, Ohio, Public Schools. Selection criteria include excellence of academic record and active involvement in activities related to the profession.

**Phi Epsilon Kappa Scholarship Key Award**  These awards are presented to undergraduate physical education majors who are outstanding scholars. The awards are of unique distinction and attest to the academic excellence of the students in the Department of Physical Education.

**The Department of Physical Education Faculty Award**  This faculty presents this award to a graduating senior as a vote of confidence in a promising future in the profession. The award is based on scholarship performance, professional attitude toward physical education as a career, and service to the department, university, and community.

**Dr. Carl B. Sputh Memorial Scholarship**  These memorial scholarships are presented annually to outstanding juniors enrolled full time in the Department of Physical Education. The candidates are selected by the faculty on the basis of scholastic achievement, character, need, and professional promise in the teaching of physical education.

**The William A. Stecher Honor Award**  An outstanding graduating senior from the Department of Physical Education is recognized annually at the commencement reception with this award. The candidate is selected by the faculty on the basis of scholarship, level of performance in physical activities, professional attitude, character, leadership, and service.

**Dr. Rudy Schreiber Scholarship**  This scholarship recognizes a physical education major and member of Phi Epsilon Kappa for outstanding academic achievement.

**Dr. Hitwant Sidhu Scholarship**  This scholarship honors an undergraduate physical education major with a grade point average (GPA) of 2.5 or higher who participates in voluntary service to the community, the profession, education, or the university.

**Jeff and Sue Vessely Scholarship**  This scholarship is awarded to an incoming freshman physical education major with an outstanding high school academic performance record.

**Department of Tourism, Conventions, and Event Management (TCEM) Scholarships**

**American Hotel Foundation Scholarship**  This scholarship is awarded to a student who has demonstrated potential for leadership in hospitality management, has a minimum 3.0 cumulative GPA, and has financial need.

**Raymond A. Dault Care, Pride, and Skill Scholarship**  In recognition of Raymond Dault’s leadership of the TCEM department and his devotion to students, two annual awards are given. One recipient is the freshman student who has earned the highest GPA. The second recipient is the student with the highest GPA on completion of the associate degree.

**Bill Day Outstanding Tourism Scholarship and Award**  The scholarship recognizes a junior for academic achievement, extracurricular participation, and leadership potential. The award recognizes the graduating senior with the highest GPA.

**Peter George Scholarship**  This scholarship is awarded to a student with a 3.2 GPA or higher who demonstrates leadership potential.

**Bo L. Hagood Scholarship**  The scholarship recipient must be an incoming TCEM major with a high school GPA of 2.5.

**Per Moller Scholarship**  This scholarship is awarded to a full-time student who has maintained a GPA of 3.0 or greater and is currently employed in the hospitality industry.

**Max M. Shapiro Restaurant Excellence Scholarship**  This scholarship recognizes an outstanding student and leader. Selection criteria include scholarship, potential for leadership in hospitality management, and commitment to the department and student organizations.

**Elias and Fofe Stergiopoulos Scholarship**  This scholarship award goes to a full-time student in good academic standing who is currently employed in the hospitality industry and is committed to community service.

**Department of Physical Education Undergraduate Degree Programs**

**Bachelor of Science—Physical Education**

Each student will select one of the following tracks and will complete each of the classes listed as requirements for that option: (1) Teacher Education; (2) Exercise Science with pre-physical therapy option; (3) Fitness and Sports Studies; (4) Athletic Training.

**Teacher Education K-12 Track**

This program will lead to a Teaching Certificate and a Bachelor of Science in Physical Education degree. There are three categories of requirements in this program: (1) physical education; (2) general education; and (3) professional education. The holder of this degree will be eligible to teach physical education at the elementary, junior high/middle school, and high school levels. This curriculum is under revision; contact your academic advisor to obtain the most current listing of requirements.

**Physical Education Requirements**

- UCOL 110 First Year Seminar/Learning Community (1 cr.)
- HPER P110 Dance in Elementary Education (2 cr.)
- HPER P150 Gymnastics I (2 cr.) or HPER P219 Performance and Teaching of Stunts, Tumbling, and Novice Gymnastics (1 cr.)
- HPER H160 First Aid and Emergency Care (3 cr.)
- HPER P195 History and Principles of Physical Education (3 cr.)
Physical Education Requirements

UCOL 110 First Year Seminar/Learning Community (1 cr.)
HPER H160 First Aid and Emergency Care (3 cr.)
HPER P195 History and Principles of Physical Education (3 cr.)
HPER P200 Microcomputer Applications in Physical Education (3 cr.) (C or better required)
HPER P215 Principles and Practice of Exercise Science (3 cr.)
HPER N220 Nutrition for Health (3 cr.)
HPER P271 Individual Sports (1 cr.)
HPER R275 Dynamics of Camp Leadership (2 cr.)
HPER H363 Personal Health (3 cr.)
HPER P373 Progressive Resistance Exercise and Sports Conditioning (3 cr.)
HPER P374 Basic Electrocardiography for the Exercise Sciences (2 cr.)
HPER P397 Kinesiology (3 cr.)
HPER P393 Professional Practice Programs in Physical Education, Health, and Recreation (10 cr.)
HPER P403 Rhythmic Aerobic Training (3 cr.)
HPER P405 Introduction to Sport Psychology (3 cr.)
HPER P409 Basic Physiology of Exercise (3 cr.)
HPER P410 Physical Activity Programming for Individuals with Disabilities and Other Special Populations (3 cr.)
HPER P452 Motor Learning (3 cr.)
HPER P493 Tests and Measurements in Physical Education (3 cr.)
HPER: Performance and Teaching (P and T) of Individual/Dual Sports (2-4 cr.)
Select two courses: P229-Flag Football, P233-Sofball, P241-Basketball, P242-Soccer, P243-Volleyball, P244-Cardiovascular Fitness (2 cr.)**, P245-Resistance Training (2 cr.)**, PXXX-occasional special topic P and T class
HPER: Coaching of Sports (1.5 cr.)
Total: 39–44 credit hours

Professional Education Requirements

Students must be admitted to the School of Education teacher education program before being allowed to enroll in these courses. It takes a minimum of two academic years to complete the professional education component. Courses must be taken in sequence, and are offered only in the daytime and in fall and summer semesters. Grade of C required in all classes; grade point average (GPA) average of 2.5 or higher required in professional education block of courses. See School of Education Web site (education.iupui.edu) for further details.

The Professional Education curriculum is under revision; the new curriculum will begin in August 2002. Contact the Department of Physical Education for updates.

Exercise Science Track (124-126 credits)

The exercise science track will lead to a Bachelor of Science in Physical Education degree. It is designed to meet the needs of students who wish to pursue careers in a corporate/community fitness setting, a graduate degree in exercise science, biomechanics, physical therapy, or a career in a related health/wellness field. There are three categories of requirements in this program: (1) physical education; (2) general education; and (3) electives.

General-Education Requirements

A. Humanities (18 cr.)
ENG W131 Elementary Composition (3 cr.)
ENG W231 Professional Writing Skills or BUS X204 Business Communications (3 cr.)
COMM R110 Fundamentals of Speech Communication (3 cr.)
Grade of C or better required in W131, W231 or BUS X204, and R110, and none of these three may be taken by correspondence.

Electives Choose 9 credit hours from the following departments. At least one humanities elective must be from a department other than English or communication.

Art
Classical Studies
Communications
English
Folklore
Foreign Language

** P244 and P245 may count in either Performance and Teaching of Individual/Dual or Team/Sports.
Students will complete all courses listed above in the Exercise Science Track curriculum (minimum of 124 cr.). Students may utilize physical therapy–related sites to fulfill the exercise science HPER P393-Internship (10 cr.) requirement.
• Additional coursework beyond the Exercise Science curriculum to meet physical therapy admission requirements (using IUPUI course titles/numbers) (12-15 cr.):
  • CHEM C106 Chemistry II (3 cr.) and CHEM C126 Experimental Chemistry (2 cr.)
  • PHYS P202 General Physics II (5 cr.) or PHYS 219 General Physics (4 cr.)
  • PSY B310 Lifespan/Human Development (3 cr.)
  • Documented voluntary or paid experience in a variety of physical therapy settings (more than three settings; supervisors must submit a reference form in advance)
• Additional recommended courses:
  • CLAS C209 Medical Terminology (2 cr.) or AHET W105 Medical Terms (1 cr.)
  • PSY B300 Abnormal Psychology (3 cr.)

Fitness and Sports Studies Track
This track will lead to a Bachelor of Science in Physical Education degree. It is directed to those who may hold positions in personal fitness training, recreational fitness, and related areas.

Physical Education Requirements
UCOL I10 First Year Seminar/Learning Community (1 cr.)
HPER P150 Gymnastics (2 cr.) or HPER P219 Performance and Teaching of Stunts, Tumbling, and Novice Gymnastics (1 cr.)
HPER H160 First Aid and Emergency Care (3 cr.)
HPER P195 History and Principles of Physical Education (3 cr.)
HPER P200 Microcomputer Applications in Physical Education (3 cr.) (C or better required)
HPER P215 Principles and Practice of Exercise Science (3 cr.)
HPER N220 Nutrition for Health (3 cr.)
HPER P271 Individual Sports (1 cr.)
HPER R275 Dynamics of Camp Leadership (2 cr.)
HPER P290 Movement Experiences for Preschool and Elementary Children (2 cr.)
HPER H363 Personal Health (3 cr.)
HPER P373 Progressive Resistance Exercise and Sports Conditioning (3 cr.)
HPER P397 Kinesiology (3 cr.)
HPER P393 Professional Practice Programs in Physical Education, Health, and Recreation (10 cr.)
HPER P403 Rhythmic Aerobic Training (3 cr.)
HPER P405 Introduction to Sport Psychology (3 cr.)
HPER P409 Basic Physiology of Exercise (3 cr.)
HPER P410 Physical Activity Programming for Individuals with Disabilities and Other Special Populations (3 cr.)
HPER P405 Introduction to Sport Psychology (3 cr.)
HPER P409 Basic Physiology of Exercise (3 cr.)
HPER P452 Motor Learning (3 cr.)
HPER P493 Tests and Measurements in Physical Education (3 cr.)

PER: Performance and Teaching (P and T) of Individual/Dual Sports (1-2 cr.)
Select one course: E477-Water Safety (2 cr.), P230-Golf, P235-Aquatics, P236-Tennis, P237-Track and Field, P244-Cardiovascular Fitness (2 cr.)**, P245-Resistance Training (2 cr.)**, PXXX-occasional special topic P and T class
HPER: Performance and Teaching of Team Sports (4-6 cr.)
Select four courses: P229-Flag Football, P233-Softball, P241-Basketball, P243-Volleyball, P244-Cardiovascular Fitness (2 cr.)**, P245-Resistance Training (2 cr.)**

Total: 70-73 credit hours

General Education Requirements
A. Humanities (18 cr.)
ENG W131 Elementary Composition (5 cr.)
ENG W231 Professional Writing Skills or BUS X204 Business Communications (3 cr.)
COMM R110 Fundamentals of Speech Communication (3 cr.)
Grade of C or better required in W131, W231, and R110, and none of these three may be taken by correspondence.
Electives Choose 9 credit hours from the following departments. At least one humanities elective must be from a department other than English or communication.
Art
Classical Studies
Communications
English
Folklore
Foreign Language
Journalism
Music
Philosophy
Religion

B. Life Science and Math (12-17 cr.)
MATH 110 Algebra (4 cr.) or more advanced mathematics course
BIOL N217 Human Physiology (5 cr.) or BIOL N212+N213+N214+N215 Human Biology (8 cr.)
HPER P205 Structural Kinesiology (3 cr.) or BIOL N261 Human Anatomy (5 cr.)
C. Social and Behavioral Sciences (9 cr. minimum)
PSY B104 Psychology as a Social Science (3 cr.)
Select four courses:
Anthropology
Classical Studies
Geography (non-physical)
History
Organizational Leadership and Supervision (OLS 252, OLS 274)
Political Science
Psychology
Sociology
Women’s Studies
Total: 56-62 credit hours

D. Electives
Additional elective credits may be required to reach 124 credit hour minimum required for the degree.

Exercise Science/Pre-Physical Therapy Track (132-137 credits)
Students will earn a Bachelor of Science in Physical Education with an Exercise Science emphasis, and will complete the additional courses and experiences required to apply for graduate-level physical therapy degree programs. Graduate level physical therapy programs require completion of any undergraduate major; completion of specific pre-physical therapy prerequisite courses (primarily math, science) and experiences (documented volunteer or paid activity in physical therapy–related settings under supervision of an approved physical therapist); and high grade point average (GPA) (minimum 3.0 overall; minimum 3.0 in math/science courses). For further information about the IUPUI physical therapy degree program (Doctor of Physical Therapy), contact the School of Allied Health at (317) 274-1031 or (317) 278-1875, www.sahs.iupui.edu/pt.
Health Education Track (cr. pending)
Students pursuing this track may earn certification to teach health education in elementary and secondary schools. The health education curriculum, formerly a health and safety minor at IUPUI, is undergoing revision in response to certification changes by the Indiana Professional Standards Board. Contact the Department of Physical Education for details, 274-2248.

Athletic Training Track (131-133 cr.)
This track is designed to prepare students for careers in athletic training in school, clinic, and team settings. Prospective students must meet prerequisites before applying for admission to the athletic training track. The academic curriculum and clinical experiences, based on the National Athletic Trainers Association Athletic Training Educational Competencies, prepare students to take the certification exam of the National Athletic Trainers Association Board of Certification.

**Application Process for the Athletic Training Program**
Admission to the program is limited to approximately 8-10 new students per year. Applications are due on the last Friday of the spring semester. The Athletic Training Admission Committee will evaluate candidates based on the written application, scholastic performance, career goals, and previous athletic training experience. The committee will hold interviews in May, and notify candidates of admission status in June.

**Application Criteria**
1. Six prerequisite courses, with GPA of 2.70 or above
   - HPER H160 First Aid and Emergency Care (3 cr.)
   - HPER P215 Principles and Practices of Exercise Science (3 cr.)
   - HPER H363 Personal Health (3 cr.)
   - HPER P205 Structural Kinesiology (3 cr.) (C or above required)
   - HPER P280 Principles of Athletic Training and Emergency Care (2 cr.)
   - CLAS C209 Medical Terms from Greek and Latin (2 cr.) or AHLT W105 Medical Terms for the Health Sciences (1 cr.)
2. Cumulative GPA of 2.50 or above
3. Current transcript
4. Completion of athletic training application form
5. Interview with athletic training admissions committee
6. Transfer students who completed prerequisites at a previous school must submit three letters of recommendation, with one of those from the Athletic Training Program Director or Head Athletic Trainer at the previous school

**Physical Education Requirements (49 cr.)**
- UCOL 110 First Year Seminar/Learning Community (1 cr.)
- HPER H160 First Aid and Emergency Care (3 cr.)
- HPER H363 Personal Health (3 cr.)
- HPER N220 Nutrition for Health (3 cr.)
- HPER P195 History and Principles of Physical Education (3 cr.)
- HPER P220 Microcomputer Applications in Physical Education (3 cr.)
- HPER P215 Principles and Practices of Exercise Science (3 cr.)
- HPER P271 Individual Sports (1 cr.)
- HPER P244 Performance and Teaching of Cardiovascular Fitness (2 cr.)
- HPER P245 Performance and Teaching of Resistance Training (2 cr.)
- HPER P373 Progressive Resistance Exercise and Sports Conditioning (3 cr.)
- HPER P374 Basic Electrocardiography for Exercise Science (2 cr.)
- HPER P397 Kinesiology (3 cr.)
- HPER P405 Introduction to Sports Psychology (3 cr.)
- HPER P409 Basic Physiology of Exercise (3 cr.)
- HPER P410 Physical Activity Programming for Individuals with Disabilities and Other Special Populations (3 cr.)
- HPER P411 Legal and Risk Management Issues in Sports Settings (5 cr.)
- HPER P493 Tests and Measurements in Physical Education (3 cr.)
- HPER R275 Dynamics of Camp Leadership (2 cr.)
- HPER P280 Principles of Athletic Training and Emergency Care (2 cr.)
- HPER A281 Recognition and Evaluation of Athletic Injuries (3 cr.)
- HPER A282 Strapping and Bandaging Techniques in Athletic Training (2 cr.)
- HPER A381 Laboratory Practice in Athletic Training I (2 cr.)
- HPER A382 Laboratory Practice in Athletic Training II (2 cr.)
- HPER A383 Therapeutic Modalities in Athletic Training (3 cr.)
- HPER A384 Therapeutic Exercise in Athletic Training (3 cr.)
- HPER A386 Emergency Management of Athletic Injuries/Injuries (3 cr.)
- HPER P393 Professional Practice Programs in Physical Education, Health, and Recreation (6 cr.)

**General Education Requirements**

**A. Humanities** (13-14 cr.)
**Required Humanities**
- ENG W131 Elementary Composition (3 cr.)
- ENG W231 Professional Writing Skills (3 cr.)
- BUS X204 Business Communications (3 cr.)
- COMM R110 Fundamentals of Speech Communication (3 cr.) or
- COMM C180 Fundamentals of Interpersonal Speech Communication (3 cr.)
- CLAS C209 Medical Terms from Greek and Latin (2 cr.) or
  - AHLT W105 Medical Terms for the Health Sciences (1 cr.)
- HPER P402 Ethics in Sports (3 cr.)

**Grade of C or better required in W131, W231 or X204, and R110 or C180, and none of these courses may be taken by correspondence.**

**B. Life Science and Math** (32-33 cr.)
- HPER P205 Structural Kinesiology (3 cr.)
- BIOL N121 Human Physiology (5 cr.)
- BIOL N261 Human Anatomy (5 cr.)
- MATH 153 Algebra and Trigonometry I (3 cr.)
- MATH 154 Algebra and Trigonometry II (3 cr.)
- CHEM C105 Principles of Chemistry I (3 cr.)
- CHEM C125 Principles of Chemistry I Lab (2 cr.)
- PHYS P201 General Physics (5 cr.) or
  - PHYS P218 General Physics (4 cr.)
- STAT 301 Elementary Statistical Methods I (3 cr.) or
  - PSY B305 Statistics (3 cr.)

**C. Social and Behavioral Sciences** (6 cr.)
- PSY B104 Psychology as a Social Science (3 cr.) or
  - PSY B105 Psychology as a Biological Science (3 cr.)
  - ANTH A104 Culture and Society (3 cr.)

**D. Emergency Medicine** (6 cr.)
- AHLT E201 Emergency Medical Technician I (3 cr.)
- AHLT E202 Emergency Medical Technician II (3 cr.)

**Other Programs Offered in Physical Education and Related Areas**

**Adapted Physical Education Minor (27 cr.)**
The adapted physical education minor will prepare the physical educator to design and develop programs for special populations in school and community settings.

**Adapted Physical Education (12 cr.)**
- HPER P398 Adapted Physical Education (3 cr.)
- HPER P410 Physical Activity Programming for Individuals with Disabilities and Other Special Populations (3 cr.)
- HPER P490 Motor Development of Preschool-Elementary School Children (3 cr.)
- HPER P475 Motor Assessment and Service Delivery for Children, Youth, and Adults with Disabilities (P: P490) (3 cr.)

**NOTE:** Students are to take these 12 credit hours in order as listed.

**Adapted Physical Education Practicum (3 cr.)**
- HPER P399 Adapted Physical Education Practicum (P: P398) (1 or 2 cr.)
  (Repeated for a total of 3 credit hours.)

**Special Education (6 cr.)**
- EDUC K205 Introduction to Exceptional Children (3 cr.) and
- EDUC K453 Management of Academic and Social Behavior (3 cr.) or
  - EDUC K665 Service Delivery Systems and Consultation Strategies (3 cr.)
Directed Electives (6 cr.)
Select courses for a total of 6 credits:
EDUC K461 Curriculum and Methods for Students with Severe Disabilities (3 cr.)
EDUC P254 Educational Psychology for All Teachers (3 cr.)
HPER P373 Progressive Resistance Exercise and Sports Conditioning (3 cr.)
HPER P421 Special Topics: Adapted Aquatics Instructor (1 cr.)
SPHS S211 American Sign Language I (4 cr.)
SPHS S212 American Sign Language II (4 cr.)
EDUC K465 Service Delivery Systems and Consultation Strategies (3 cr.)
EDUC K453 Management of Academic and Social Behavior (3 cr.)
HPER P399 (P: P398) Adapted Physical Education Practicum (1-2 cr.)

Dance Minor (22-27 cr.)
The dance minor provides students with experience in dance performance, choreography and production, movement theory and the related arts, and teaching.

Required Courses:
HPER P205 Structural Kinesiology (3 cr.) or BIOL N261 Human Anatomy (5 cr.)
HPER D201 Modern Dance Workshop I (1 cr.)
HPER D201 Modern Dance Workshop II (1 cr.)
HPER D221 Dance Composition I (2 cr.)
HPER D352 Dance and the Allied Arts II (3 cr.)
HPER D441 Dance Production I (2 cr.)
Choose one group of three courses: either
HPER D202 Intermediate Ballet (1 cr.) and
HPER D218 Modern Jazz Dance Technique (1 cr.) and
HPER E255 Modern Dance—Intermediate (1 cr.) or
PER D211 Advanced Technique I (2 cr.) and
PER D212 Advanced Technique II (2 cr.) and
PER E355 Modern Dance I—Advanced (1 cr.)
Choose one: HPER D351 Teaching of Modern Dance (1 cr.) or
HPER P110 Dance in Elementary Education (2 cr.) or
HPER P210 Dance in Secondary Education (2 cr.) or
HPER P405 Laboratory Teaching in Physical Education Program (1 cr.)

A minimum of 6 elective credit hours are required in addition to the above courses.

Coaching Endorsement (19-22 cr.)
A coaching endorsement may be earned in conjunction with a physical education teaching major or with another major in education. An “endorsement” is an item that may be added to a teaching license in Indiana and signifies that the person has completed a set of course work. Many states (though currently not Indiana) require coaches to hold a coaching endorsement to qualify for coaching assignments. NOTE that the Indiana Professional Standards Board is revising criteria for teacher licensure in Indiana, and specifications for coaching are subject to change. Direct inquiries to the IUPUI Department of Physical Education, 274-2284.

Business Minor (39 cr.)
Students enrolled in the School of Physical Education may combine the major in physical education with a business minor. Students must complete all pre-business courses listed below before taking the integrative business core. A minimum 2.5 grade point average (GPA) is required in the 27 credit hours of pre-business requirements before a student can proceed to the integrative core.

PreBusiness Requirements (27 cr.)
BUS A201-A202 Introduction to Accounting I-II (3 cr. each)
CSCI 208 The Computer in Business (3 cr.)
ECON E201 Introduction to Microeconomics (3 cr.)
ECON E202 Introduction to Macroeconomics (3 cr.)
ECON E270 Introduction to Statistical Theory in Economics and Business (3 cr.)
MATH M118 Finite Mathematics (3 cr.)
MATH M119 Brief Survey of Calculus I (3 cr.)
PSY B104 Psychology as a Social Science (3 cr.)

Business Integrative Core Requirements (12 cr.)
BUS F301 Financial Management (3 cr.)
BUS M301 Introduction to Marketing Management (3 cr.)
BUS P301 Operations Management (3 cr.)
(Not: BUS F301, M301, and P301 are an integrated 9 credit hour package and must be taken in the same semester.)
J401 Administrative Policy (3 cr.)
Recommended:
BUS L201 Legal Environment of Business (3 cr.)
BUS Z202 Managing and Behavior in Organizations (3 cr.)

Certificate in Personal Training (19-21 cr.)
This certificate provides individuals with a basic understanding of the principles of personal training and prepares them for two national certification exams: the Exercise Leader certificate of the American College of Sports Medicine and Certified Personal Trainer from the National Strength and Conditioning Association. All courses in the certificate curriculum apply to the Exercise Science degree. Currently there are no state or national licensing requirements for personal trainers.
HPER H160 First Aid and Emergency Care (3 cr.)
HPER P205 Structural Kinesiology (3 cr.) or BIOL N261 Human Anatomy (5 cr.)
HPER P215 Principles and Practices of Exercise Science (3 cr.)
HPER N231 Human Nutrition or FN 303 Essentials of Nutrition (3 cr.)
HPER P244 Performance and Teaching of Cardiovascular Fitness (2 cr.)
HPER P245 Performance and Teaching of Resistance Training (2 cr.)
HPER P373 Progressive Resistance Exercise and Sports Conditioning (3 cr.)

Maintaining a Teaching License
The Indiana Department of Education (IDOE) requires licensed teachers to take courses on an ongoing basis to maintain a valid teaching license, as follows:
Six credit hours every five years; undergraduate or graduate courses in education or license area(s).
Submit documentation to IDOE.
Note: New licensing and renewal procedures will go into effect in approximately 2002. For information, contact the IUPUI School of Education, (317) 274-0643.
Interested teachers may contact the IUPUI School of Education, Certification Program, for information and enrollment: 902 W. New York Street, Indianapolis, IN, 46202-5155; (317) 274-0643.

Earning Certification to Teach
Individuals who have earned college degrees but who do not hold teaching credentials may pursue those credentials through a process called certification. The process involves a review of past course work, designation of required courses, application to the certification program, and successful completion of required courses. Two routes are available to degree students interested in earning certification, and the course work is exactly the same in each route: (1) Pursue a second undergraduate degree—a B.S. in Physical Education; (2) pursue the “certification only” program through the School of Education. There are fees associated with evaluation of past course work and for application to the certification program. For further information, contact the physical education department regarding pursuit of a second bachelor’s degree (317) 274-2248, or the Certification Program, IUPUI School of Education, 902 W. New York Street, Indianapolis, IN, 46202-5155; (317) 274-0643.

Department of Physical Education Graduate Degree Program

Master of Science—Physical Education

The Indiana University School of Physical Education at Indiana University–Purdue University Indianapolis is authorized to offer an Indiana University Master of Science degree in Physical Education. This degree will provide students with a multidisciplinary and in-depth understanding of physical education and its related fields. The objectives of the program are to (1) create course work and experiences that promote higher learning, (2) develop community- and university-based partnerships that facilitate research and learning opportunities, and (3) provide personal growth and professional development to teachers and others in the field.

Application for Admission

An application for admission may be obtained by writing to Recorder, School of Physical Education, 910 West New York Street, Indianapolis, IN 46202 or by calling (317) 274-2599.

Admission Requirements

Students entering the graduate program must have a bachelor’s degree in physical education, exercise science, sports management or a related area; have completed undergraduate work with a minimum 2.8 grade point average (GPA) on a 4.0 scale; and have appropriate scores on the Graduate Record Examination (GRE). Students who have a bachelor’s degree in an unrelated area or discipline may be granted admission upon the completion of a series of undergraduate courses to be determined by the admission committee. Minimal requirements include the completion of BIOL N217 Human Physiology (5 cr.); BIOL N261 Human Anatomy (5 cr.); HPER P215 Principles and Practice of Exercise Science (3 cr.); HPER P307 Kinesiology (3 cr.); and HPER P409 Basic Physiology of Exercise (3 cr.).

Admission Process

The applicant must submit the following materials to the School of Physical Education to be considered for admission to the Master of Science Program:

1. A three-page School of Physical Education application form.
2. A Graduate and Professional Application Data sheet from the IUPUI Graduate School.
3. A 200-300 word candidate statement indicating areas of interest and professional goals.
4. Three reference letters from individuals who have sufficient knowledge of the applicant’s ability to be successful in graduate work.
5. One official transcript for all previous college and university work including degrees awarded. If the applicant has completed course work from any campus of Indiana University, transcripts from that work are not required.
6. Scores from the Graduate Record Examination (GRE).
7. A non-refundable application fee of $35.00.
8. For International students, proof of proficiency in English, as defined by a 550 or above for the paper-based TOEFL and a minimum of 213 for the computer-based TOEFL.

Send all materials to Recorder, School of Physical Education, 901 W. New York Street, Indianapolis, IN, 46202. All materials submitted for the application process become the property of the university and will not be returned. Applications will not be considered until all materials have been submitted.

Admission Status

An applicant for admission into the graduate program in the School of Physical Education will be classified in one of the following admission categories:

1. Unconditional Applicants in this category have met all of the requirements for admission into the program and may begin course work immediately.
2. Conditional The applicant is admitted provisionally, pending the completion of certain course prerequisites.
3. Denied The applicant is denied regular admission into the program and may not pursue the degree at this time. Reconsideration of the application can be requested if new evidence is presented to the admission committee. If that new evidence includes graduate course work taken at Indiana University or another accredited institution, that course work will not usually be accepted toward the degree if the student is subsequently accepted.
4. Non-degree Students who hold a bachelor’s degree who wish to pursue advanced study may do so as an adult non-degree student in the School of Physical Education. These students will need to complete an abbreviated application for admission. Non-degree students must obtain permission each semester to enroll in classes. If a non-degree student later applies for unconditional admission in order to complete a degree, no more than 9 credit hours taken before formal admission may be applied toward the degree.

Academic Regulations

Degree requirements for students in the School of Physical Education are established by the faculty of the school and may change from time to time. Students are bound by rules and regulations established by the faculty at the time of their initial matriculation as a graduate student. Every graduate student will be assigned an advisor who will help cooperatively plan their course of study depending on experiences and education objectives. The Master of Science degree consists of a 15-hour core of major topics in physical education and human performance and an additional 20 hours of elective courses, a minimum of 9 of which must be completed in the School of Physical Education.

Core Courses (15 cr.)

- HPER T590 Introduction to Research in HPER (3 cr.)
- HPER K525 Psychological Foundations of Exercise and Sports (3 cr.)
- HPER K530 Mechanical Analysis of Human Performance (3 cr.)
- HPER K535 Physiological Basis of Human Performance (3 cr.)
- HPER K522 Adapted Physical Education (3 cr.)

Grades

Quality points are assigned for purposes of determining the cumulative grade point average as follows: A= 4.0; A-=3.7; B+=3.3; B=3.0; B-=2.7; C+=2.3; C=2.0; C-=1.7; D+=1.3; D=1.0; D-=0.7; F=0. No points are assigned for grades of Incomplete (I), Unsatisfactory (S), Pass (P), or Withdrawn (W).

All graduate students are expected to maintain an overall grade point average of 3.0 or better. Students whose average falls below this level will be placed on probation. Grades below C- will not count toward degree requirements; however, all grades earned in courses taken for graduate credit will be included in the calculation of the grade point average.

Transfer of Credit

A maximum of nine credit hours of graduate work may be transferred from other institutions for application to the master’s degree. The admission committee will determine the distribution and acceptance of those transfer hours at the time of admission. Once a student has enrolled in the Master of Science degree program in the School of Physical Education they must receive advance approval from the advisor and Department Chair to take work at another institution for transfer to IUPUI. This limitation does not apply to work taken at any other Indiana University campus.

Transfer credit bearing grades of Pass (P) or Satisfactory (S) cannot be accepted unless there is official documentation for the transferring institution to verify that these grades are equivalent to at least a B on a grade-point scale. No credit can be transferred for a course that cannot be officially documented as carrying graduate credit.
Graduation
At least six months prior to the date of expected graduation from the Master of Science program, the student should file an application for graduation with the School of Physical Education Recorder, Room 258, Physical Education/Natatorium Building. Students are ultimately responsible for knowing, understanding and completing all degree requirements in a timely manner. IUPUI holds a single commencement ceremony in May each year. In order to participate in commencement activities the student must have completed all degree requirements by the prior December or expect to complete them no later than August following the May commencement exercises.

Department of Tourism, Conventions, and Event Management (TCEM, formerly RHIT) Degree Programs

Bachelor of Science in Tourism, Conventions, and Event Management—124 credit hours (IU Degree)

This program will lead to a Bachelor of Science degree. Graduates may be employed in different segments of the tourism industry: research, destination development, adventure travel, festivals, events, travel management, entertainment, attractions, transportation, accommodations, and/or food operations. All courses in the major must be completed with a C or higher.

General Education Requirements (39 credit hours)
BUS X201 Business Communications (3 cr.)
COMM R110 Fundamentals of Speech Communication (3 cr.)
ECON E201 Economic Principles (3 cr.)
ENG W131 Elementary Composition I (3 cr.)
ENG W132 College Composition II (3 cr.)
ENG W141 College Writing (3 cr.)
MATH 119 Brief Survey of Calculus (3 cr.)
or
MATH 153 Algebra and Trigonometry (3 cr.)
or
PSY B104 Psychology as a Social Science (3 cr.)

Major Requirements (73 credit hours)
TCEM 100 Introduction to Tourism and Hospitality Management (3 cr.)
TCEM 110 College Life Orientation (1 cr.)
TCEM 115 Computers in the Tourism and Hospitality Industry (3 cr.)
TCEM 119 Travel Career Development (3 cr.)
TCEM 141 Financial Accounting for the Service Industries (3 cr.)
TCEM 171 Introduction to Convention/Meeting Management (3 cr.)
TCEM 172 The Development and Management of Attractions (3 cr.)
TCEM 181 Front Office Operations (3 cr.)
TCEM 212 Tourism and Hospitality Management Principles (3 cr.)
TCEM 231 Tourism and Hospitality Marketing (3 cr.)
TCEM 241 Financial Analysis and Decision Making in Tourism and Hospitality Operations (3 cr.)
TCEM 271 Mechanics of Meeting Planning (3 cr.)
TCEM 272 The Tourism System (3 cr.)
TCEM 310 Special Event Management (2 cr.)
TCEM L310 Special Event Management Laboratory (1 cr.)
TCEM 312 Human Resource Management for the Service Industries (3 cr.)
TCEM 319 Management of Sports Events (3 cr.)
TCEM 352 Promotional Communications (3 cr.)
TCEM 362 Economics of Tourism (3 cr.)
TCEM 372 Global Tourism Geography (3 cr.)
TCEM 387 Tourism Internship (2 cr.)
TCEM 391 Event Catering Management (2 cr.)
TCEM L391 Event Catering Management Laboratory (1 cr.)
TCEM 392 Destination Development (1 cr.)
TCEM 411 Hospitality Law (3 cr.)
TCEM 461 Tourism Research and Planning Development (3 cr.)
TCEM 472 Global Tourism (3 cr.)
TCEM 499 Operational Analysis (3 cr.)
Electives (12 credit hours)*
6 credit hours must be 100 or 200 level.
6 credit hours must be 300 level or higher.
Total: 124 credit hours

Food Service and Lodging Supervision (Purdue degree)
60 credit hours

This program will lead to an Associate of Science degree. Graduates are prepared for employment in hospitality management positions in quick service, fine dining, cafeterias, hotels, resorts, condominiums and bed and breakfasts. All courses in the major must be completed with a grade of C or higher.

TCEM 100 Introduction to Tourism and Hospitality Management (3 cr.)
TCEM 110 College Life Orientation (1 cr.)
TCEM 115 Computers in the Tourism and Hospitality Industry (3 cr.)
TCEM 141 Financial Accounting for the Service Industries (3 cr.)
TCEM 181 Front Office Operations (3 cr.)
TCEM 191 Sanitation and Health in Food Service, Lodging, and Tourism (3 cr.)
TCEM 212 Tourism and Hospitality Management Principles (3 cr.)
TCEM 231 Hospitality and Tourism Marketing (3 cr.)
TCEM 241 Financial Analysis and Decision Making in Tourism and Hospitality Operations (3 cr.)
TCEM 271 Mechanics of Meeting Planning (3 cr.)
TCEM 272 The Tourism System (3 cr.)
TCEM 310 Special Event Management (2 cr.)
TCEM 312 Human Resource Management for the Service Industries (3 cr.)
TCEM 387 Tourism Internship (2 cr.)

General Education Requirements (39 credit hours)
COMM R110 Fundamentals of Speech Communication (3 cr.)
ENG W131 Elementary Composition I (3 cr.)
BUS X204 Business Communication (3 cr.)
MATH 153 Algebra and Trigonometry (3 cr.)
or
MATH 119 Brief Survey of Calculus (3 cr.)
or
PSY B104 Psychology as a Social Science (3 cr.)
FOREIGN LANGUAGE (3 cr.)
Electives: Select 3 credit hours of electives.
Total: 60 credit hours

Cultural Heritage Tourism Certificate
Completion of the courses identified below with a grade of C or better within a five-year period will qualify an IUPUI degree-seeking student or graduate nondegree student to be awarded a Cultural Heritage Tourism Certificate.
TCEM 172 The Development and Management of Attractions (3 cr.)
TCEM 231 Marketing Tourism and Hospitality (3 cr.)
TCEM 272 The Tourism System (3 cr.)
TCEM 334 Cultural Heritage Tourism (3 cr.)
TCEM 372 Global Tourism Geography (3 cr.)
TCEM 387 Tourism Internship (1 cr.)
ANTH A104 Culture and Society (3 cr.)
19 credit hours

Food Production Management Certificate
Completion of the courses identified below with a grade of C or better within a five-year period will qualify an IUPUI degree-seeking student or a graduate nondegree student to be awarded a Food Production Management Certificate.
TCEM 115 Computers in the Tourism and Hospitality Industry (3 cr.)
TCEM 191 Sanitation and Health in Food Service, Lodging, and Tourism (3 cr.)
TCEM 212 Tourism and Hospitality Management Principles (3 cr.)
TCEM 231 Hospitality and Tourism Marketing (3 cr.)
TCEM 241 Financial Analysis and Decision Making in Tourism and Hospitality Operations (3 cr.)
TCEM 271 Mechanics of Meeting Planning (3 cr.)
TCEM 272 The Tourism System (3 cr.)
TCEM 310 Special Event Management (2 cr.)
TCEM 312 Human Resource Management for the Service Industries (3 cr.)
TCEM 387 Tourism Internship (2 cr.)
18 credit hours
Lodging Management Certificate
Completion of the courses identified below with a grade of C or better within a five-year period will qualify an IUPUI degree-seeking student or a graduate nondegree student to be awarded a Lodging Management Certificate.

TCEM 181 Front Office Operations (3 cr.)
TCEM 212 Tourism and Hospitality Management Principles (3 cr.)
TCEM 281 Hotel Management (3 cr.)
TCEM 311 Procurement Management (3 cr.)
TCEM 322 Hospitality Facilities Management (3 cr.)
TCEM 385 Beer and Spirit Management (3 cr.)
TCEM 387 Tourism Internship (1 cr.)
19 credit hours

Beverage Management Certificate
Completion of the courses identified below with a grade of C or better within a five-year period will qualify an IUPUI degree-seeking student or a graduate nondegree student to be awarded a Beverage Management Certificate.

TCEM 218 Wines of the World (3 cr.)
TCEM 231 Marketing Tourism and Hospitality (3 cr.)
TCEM 308 Wine Selection (3 cr.)
TCEM 311 Procurement Management (3 cr.)
TCEM 385 Beer and Spirits Management (3 cr.)
15 credit hours

Events Management Certificate
Completion of the courses identified below with a grade of C or better within a five-year period will qualify an IUPUI degree-seeking student or graduate nondegree student to be awarded an Events Management Certificate.

TCEM 171 Introduction to Convention/Meeting Management (3 cr.)
TCEM 271 Mechanics of Meeting Planning (3 cr.)
TCEM 310 Special Event Management (2 cr.)
TCEM 310 Special Event Management Laboratory (1 cr.)
TCEM 319 Management of Sports Events (3 cr.)
TCEM 352 Promotional Communications (3 cr.)
TCEM 377 Exhibit Marketing (3 cr.)
TCEM 387 Tourism Internship (1 cr.)
19 credit hours

To record progress of students toward completion of any of the certificates, an application must be filed with the school records upon enrollment in the first course, and updated with enrollment in each of the other five courses.

*Note: TCEM classes may not be used for free electives.

Consumer and Family Science Transfer Program
Requirements for a Bachelor of Science degree in child development and family studies; foods and nutrition; consumer sciences and retailing; hospitality and tourism management; or family and consumer sciences education can be started at IUPUI. Students must transfer to the School of Consumer and Family Sciences at Purdue University in West Lafayette. See a TCEM academic advisor for more information on transfer completion.

Department of Physical Education (HPER) Courses
The courses below represent the total offerings of the School of Physical Education. Not all courses are offered every semester. The number of credit hours given for a course is indicated in parentheses following the course title. The abbreviation P refers to prerequisites.

Professional Preparation Program in Physical Education
A281 Recognition and Evaluation of Athletic Injuries (3 cr.) P: HPER H160, HPER P280. A course designed to educate the student athletic trainer in principles and procedures of soft-tissue evaluation of all major anatomic sites. Skill development in special tests for assessing musculoskeletal trauma is included.
A282 Strapping and Bandaging Techniques in Athletic Training (5 cr.) P: Admission to the Athletic Training Program. Advanced course in the recognition of injuries and of the need for support and bandaging. Lecture and demonstration of emergency procedures will be covered, as well as general strapping and bandaging.
A361 Coaching of Football (1.5 cr.) Fundamentals of offensive and defensive line play and backfield play; techniques of forward passing; outstanding rules; offensive plays; most frequently used defenses.
A362 Coaching of Basketball (1.5 cr.) Fundamentals of basket shooting, passing, ball handling, and footwork; patterns against man-to-man defense, zone defense, and zone pressure defense—full court and half court. Strategy of playing regular season and tournament play. Psychology of coaching.
A363 Coaching of Baseball (1.5 cr.) Fundamentals of pitching, catching, batting, base running, infield and outfield play; offensive and defensive strategy; organization and management.
A364 Coaching of Track and Field (1.5 cr.) Fundamental procedures in conditioning and training for cross-country, track, and field. Gives basic understanding of each event's coaching strategy and coaching psychology. Home-meet organization and management.
A367 Coaching of Swimming and Diving (1.5 cr.) Theory and methods of coaching swimming and diving; will cover technical, administrative, and organizational aspects involved in the process. Emphasis placed on fundamentals, conditioning, and coaching psychology.
A368 Coaching of Tennis (1.5 cr.) Theory and methods of coaching tennis; will cover technical, administrative, and organizational aspects involved in the process. Emphasis placed on fundamentals, tactics, conditioning, and conduct of practice sessions.
A369 Coaching of Golf (1.5 cr.) Theory and methods of coaching golf; will cover technical, administrative, and organizational aspects involved in the process. Emphasis on skill analysis, error identification and correction, special golf shots, and strategies for playing the course.
A370 Coaching of Soccer (1.5 cr.) Theory and methods of coaching soccer; will cover technical, administrative, and organizational aspects involved in the process. Emphasis on execution of advanced skills, team offense and defense patterns, conditioning of the player, and organizing practice sessions.
A371 Coaching of Volleyball (1.5 cr.) Theory and methods of coaching volleyball; will cover technical, administrative, and organizational aspects involved in the process. Emphasis on execution of advanced skills, team offense and defense patterns, conditioning of the player, and organizing practice sessions.
A372 Coaching of Softball (1.5 cr.) Theory of coaching competitive softball, both fast- and slow-pitch. Emphasis on individual and team play.
A381-A382 Laboratory Practice in Athletic Training I-II (2 cr. each) Laboratory hours are assigned so that students have an opportunity to practice athletic training skills during all sports seasons. Direct supervision and guidance provided by the athletic team physician and the athletic training staff.
A383 Therapeutic Management of Sports Injuries (3 cr.) An introduction to therapeutic techniques used on ill or injured athletes to facilitate enhanced recovery and safe return to competitive conditions. Lectures, demonstration of methods of application of therapeutic equipment, and exercise protocols will be covered.
A384 Therapeutic Exercise in Athletic Training (3 cr.) Principles in the use of therapeutic exercise techniques for treating the injured physically active person to facilitate enhanced recovery and safe return to activity. Lecture, demonstration and laboratory experience in the principles of therapeutic exercise.
A480 Care and Prevention of Athletic Injuries (1 cr.) Course designed to assist students in recognizing, understanding, and managing athletic injuries. Methods of taping and bandaging are emphasized.
A481 Practicum in Athletic Training (2 cr.) Variety of experiences provided through assignments to university varsity sports, high school sports, middle school sports, and reserve programs. Students will be under the experienced guidance and control of medical and athletic training supervisors.
A483 Principles of Sports Officiating (1 cr.) Topics include such sports as football, baseball, basketball, volleyball, and gymnastics. Ethics of sports officiating. Mastery, interpretation, and application of sports rules. Laboratory and classroom experiences. (Course may be repeated.)
A484 Interscholastic Athletic Programs (2 cr.) An overview of the operation of athletic programs for men and women in the School of Physical Education. Administrative structure on national and state levels. Policies and procedures as they pertain to budget.
facilities, eligibility, contest regulations, safety, and current trends.

F255 Human Sexuality (3 cr.) Survey of the dynamics of human sexuality; identification and examination of basic issues in human sexuality as they relate to the larger society.

F258 Marriage and Family Interaction (3 cr.) Basic personal and social factors that influence the achievement of satisfying marriage and family experiences.

H160 First Aid and Emergency Care (3 cr.) Lecture and demonstration of first-aid measures for wounds, hemorrhage, burns, exposure, sprains, dislocations, fractures, unconscious conditions, suffocation, drowning, and poisons, with skill training in all procedures.

H163 Introduction to Health (3 cr.) Introduction to and survey of the field of school and community health education.

H195 Principles and Applications of Lifestyle Wellness (3 cr.) This course will increase an awareness of and provide instruction pertaining to wellness, and will assist the student with making healthy lifestyle choices. The course supports an emphasis on measurable parameters within the physical dimension of wellness, and incorporates the remaining dimensions of emotional, intellectual, occupational, social, and spiritual wellness.

H305 Women's Health (3 cr.) Examines the relationship of women to health and health care. Five dimensions of health: physical, mental, emotional, social, and spiritual provide a framework for comparison and contrast of health concerns unique to women and common to both sexes at all ages.

H318 Drug Use in American Society (3 cr.) An interdisciplinary approach to the study of drug use in American society. The course will examine the effects of alcohol, tobacco, and illicit drugs on the physical, mental, and social health of the individual.

H363 Personal Health (3 cr.) Acquaints prospective teachers with basic personal health information; provides motivation for intelligent self-direction of health behavior with emphasis on responsibilities as citizens and as teachers. Study of physiological and psychological bases for health; drugs and other critical issues; and family health.

H461 Teaching of First Aid (2 cr.) P: HPER H160. Advanced consideration of first-aid subject matter, along with orientation in methods, techniques, and teaching devices in first-aid courses. Practical classroom instruction required.

H464 Organization of Health Education (3 cr.) P: HPER H563 or consent of instructor. Organization of total health program involving health service, healthful school living, and health instruction. Content and materials suitable for a high school health course stressed. Introduction to public health, functions of voluntary and official agencies, and textbook evaluation.

H465 Community Health Education (3 cr.) Addresses the place of the teacher in community health education programs. Considers the need to program, various media and methods which may be employed, and the place of existing agencies in the program.

P220 Nutrition for Health (3 cr.) Basic principles of nutrition, with emphasis on identification, functions, and food sources of nutrients required by individuals for optimum health and development.

P110 Dance in Elementary Education (2 cr.) Instruction in fundamental, locomotor, and axial dance movements and the relation of dance movement to music. Singing games, simple folk dances, and creative dance appropriate to children K-6.

P150 Gymnastics I (2 cr.) Basic skills in gymnastics and procedures used in teaching these activities.

P195 History and Principles of Physical Education (3 cr.) Understanding and interpretation of principles of modern physical education programs. Contributions of historical programs related to development of present-day programs.

P200 Microcomputer Applications in Physical Education (3 cr.) A hands-on introduction to the use of microcomputers as problem-solving tools in physical education. Course content includes an introduction to microcomputers and DOS functions; word-processing, spreadsheets, and database skills; and experience with graphic and sport-specific application programs.

P205 Structural Kinesiology (3 cr.) Overview of basic human body structures and functions appropriate for beginning students in physical education. Fundamental concepts concerning the interaction of biological and mechanical aspects of the musculoskeletal and neuromuscular structures. Emphasis on practical application to study and teaching of skilled human movement.

P210 Dance in Secondary Education (2 cr.) Methods and materials of folk, square, and social dance skills for junior and senior high students. Introduction to modern dance, modern jazz techniques, and choreography.

P215 Principles and Practice of Exercise Science (5 cr.) A study of the scientific principles related to physical fitness and the practical application of principles to directing fitness programming in school, recreational, and corporate settings. Students will be involved in setting up, participating in, and evaluating personal fitness activities.

P219 Performance and Teaching of Stunts, Tumbling, and Novice Gymnastics (1 cr.) Instruction and practice teaching of fundamental stunts, tumbling activities, and novice gymnastic movements.

P229 Performance and Teaching of Flag Football (1 cr.) Instruction and analysis of skills, techniques, and strategies in flag football. Development of skills in unit planning, drills, and modified game forms.

P230 Performance and Teaching of Golf (1 cr.) Instruction and analysis of skills, techniques, and strategies in golf. Development of skills in unit planning, error analysis, and correction.

P233 Performance and Teaching of Softball (1 cr.) Instruction and analysis of skills, techniques, and strategies in softball. Development of skills in unit planning, drills, and modified game forms.

P235 Performance and Teaching of Aquatic Activities (1 cr.) Primarily for physical education and recreation majors. Emphasizes techniques of teaching swimming as well as the improvement of the students’ swimming skills.

P236 Performance and Teaching of Tennis (1 cr.) Instruction and analysis of skills, techniques, and strategies of tennis. Development of skills in unit planning, error analysis, and correction.

P237 Performance and Teaching of Track and Field (1 cr.) Instruction and analysis of skills, techniques, and strategies of track and field. Development of skills in unit planning, error analysis, and correction.

P241 Performance and Teaching of Basketball (1 cr.) Instruction and analysis of skills, techniques, and strategies of basketball. Development of skills in unit planning, error analysis, and correction.

P242 Performance and Teaching of Soccer (1 cr.) Instruction and analysis of skills, techniques, and strategies of soccer. Development of skills in unit planning, error analysis, and correction.

P243 Performance and Teaching of Volleyball (1 cr.) Instruction and analysis of skills, techniques, and strategies of volleyball. Development of skills in unit planning, error analysis, and correction.

P244 Performance and Teaching of Cardiovascular Fitness (2 cr.) This course will focus on teaching cardiovascular fitness activities in physical education settings. These concepts will be covered: aerobic fitness, fitness prescription, training principles, fitness infusion into traditional activities, lifetime fitness activities (youth through older adults), and safety. Emphasis on lesson planning and pedagogy.

P245 Performance and Teaching of Resistance Training (2 cr.) This course will focus on teaching resistance training in physical education settings. These concepts will be covered: basic muscle anatomy, equipment and facility safety, proper applications and techniques, etiquette, equipment options, considerations for youth through older adults. Emphasis on lesson planning and pedagogy.

P271 Individual Sports (1 cr.) Teaching of and participation in sports activities some of which are not included in other skills courses in the curriculum. Includes badminton, bowling, archery, and golf.

P280 Principles of Athletic Training and Emergency Care (2 cr.) An introduction to the principles of injury prevention. Lecture and demonstration of emergency measures; for example, fractures, sprains, dislocations, and spinal injuries. Skill training in bandaging, strapping, and splinting techniques emphasized.

P290 Movement Experiences for Preschool and Elementary Children (2 cr.) Provides the student with knowledge of potential outcomes of preschool and elementary school motor development programs,
of how to implement such programs, and of appropriate movement experiences for young children. Also provides the student with opportunities for observing and teaching young children in a structured gymnasium setting.

**P324 Recreational Sports Programming (3 cr.)** Course provides an overview of the programmatic elements and techniques that currently exist in recreational sports. Specific topics include informal, intramural, club, and extramural programming; value of recreational sports; programming techniques; publicity and promotion; facility utilization; equipment concerns; safety; liability; and program observation.

**P327 Administration, Maintenance, and Construction of Aquatic Facilities (3 cr.)** Information in pool management, maintenance, and construction with emphasis on the newest design, information, and construction techniques.

**P373 Progressive Resistance Exercise and Sports Conditioning (3 cr.)** P: BIOL N261 Human Anatomy or equivalent is recommended. This course focuses on progressive resistance exercise and its application in physical conditioning for the competitive athlete, the fitness enthusiast, and various special populations. Topics covered include basic muscle physiology, kinesiology, musculoskeletal adaptation to resistance exercise, modes of training, muscle-specific exercises, and exercise technique.

**P374 Basic Electrocardiography for the Exercise Sciences (2 cr.)** Introduction to the basic concepts, theory, and interpretation of electrocardiograms (ECG/EKG), and their uses in fitness programs that deal with healthy people and with cardiac rehabilitation patients.

**P390 Growth and Motor Performance of School-Age Youth K-12 (2 cr.)** A study of growth and developmental characteristics of school-age youth. Emphasis is placed on motor development and movement performance, and the relationship to cognitive and affective behavior. Supervised teaching experiences are an integral part of the course.

**P393 Professional Practice Programs in Physical Education, Health, and Recreation (3-10 cr. arranged)** P: sophomore standing or higher, and approval of the instructor and the Office of Professional Practice Programs. This course is designed to provide the student with a quality career-related work experience. Evaluation by employer and faculty sponsor.

**P397 Kinesiology (3 cr.)** P: BIOL N261. Application of facts and principles of anatomy, physiology, and mechanics to problems of teaching physical education skills and activities of daily living.

**P398 Adapted Physical Education (3 cr.)** P: BIOL N261 and HPER P397. Study of conditions that require physical education programs to be adapted to special needs of individuals, including analysis of normal and faulty postures. Principles and practices in application of exercises and activities for specific handicap conditions.

**P399 Practicum in Adapted Physical Education (1-2 cr.)** P: P398. A practical learning experience in adapted physical education with children with disabilities. Course may be repeated.

**P402 Ethics in Sport (3 cr.)** A study of the nature of ethics in sport with an emphasis on current application of moral principles and values. The relationship of ethics to social issues in sport will be explored, including philosophical and historical perspectives.

**P403 Rhythmic Aerobic Training (3 cr.)** P: BIOL N261 and HPER P397. This course focuses on principles and processes of designing, organizing, and teaching a variety of rhythmic aerobic training forms. Topics covered include a review of basic exercise and rhythmic movement principles and how they are used to create modes of rhythmic aerobic training used in group and individual exercise programs.

**P405 Introduction to Sport Psychology (3 cr.)** Theory and practical application of psychology to teaching, and coaching of movement and sport skills. Students are expected to have completed an introductory psychology course prior to enrolling.

**P409 Basic Physiology of Exercise (3 cr.)** P: BIOL N217 and BIOL N261. A survey of human physiology parameters as related to physical exercise and work and the development of physiological fitness factors. Physiological foundations will be considered.

**P410 Physical Activity Programming for Individuals With Disabilities and Other Special Populations (3 cr.)** P: HPER P409. Course focuses on the provision of physical activity programs in community settings for individuals with special needs. Topics include laws relating to service delivery, conditions which may lead to impairment of ability to participate in physical activity, facility and equipment accessibility, activity modifications, contraindications to activity, and organized disabled sport.

**P411 Legal Aspects and Risk Management in Sports Settings (3 cr.)** An introduction to legal principles involved in sport. Tort liability including intentional tort, negligence, and product liability. Covers constitutional law issues, particularly as they relate to athletic eligibility, athletes’ rights, sex discrimination, and drug testing. Discussion of sport contracts.

**P412 Special Topics in Physical Education (1-3 cr.)** An in-depth study of a selected topic from the many areas that have contributed to the development of physical education in today’s world. Topics will vary. Directed to upper-level students with a special interest in the topic presented.

**P444 Issues in Physical Education (3 cr.)** A senior seminar. Major arguments pro and con on a number of controversial ideas in the field of physical education are considered.

**P452 Motor Learning (3 cr.)** P: BIOL N261 and BIOL N217. An examination of factors that affect the acquisition and performance of motor skills. Topics include perception, psychomotor learning, practice methods, and theories of neuromuscular integration. Open to juniors and seniors only.

**P475 Motor Assessment and Service Delivery for Children, Youth, and Adults with Disabilities (3 cr.)** Selecting and applying appropriate evaluation techniques for individuals with disabilities. Using assessment results to plan and implement appropriate physical activity programs. Service delivery models for physical education in public school and community settings, including consulting and conferencing skills.

**P490 Motor Development of Preschool and Elementary School Children (3 cr.)** A study of the motor development of children from infancy through middle childhood. Emphasis is placed on observing and analyzing characteristic movement behavior and motor performance of children with application to developmentally appropriate movement and experiences.

**P493 Tests and Measurements in Physical Education (3 cr.)** Theory of measurement in physical education, along with selection and administration of appropriate tests, and interpretation of their results by fundamental statistical procedures.

**P495 Laboratory Teaching in Physical Education Program (1 cr.)** P: HPER P290 and consent of school. Prepractice teaching experience. Students assist and help teach activities in the Physical Education Program. Student must have had a course in the teaching of the chosen activity before they are allowed to enroll.

**P497 Organizational and Curricular Structures of Physical Education K-12 (2 cr.)** Techniques in organization and development of all-grade curriculum in physical education. Development and implementation of extracurricular activities.

**P498 Practicum in Physical Education and Athletics (1-3 cr.)** A practical learning experience in teaching and/or coaching under the guidance of faculty and supervisor. Only Satisfactory (S) or Fail (F) grades given.

**P499 Research in Physical Education and Athletics (cr. arr.)** This course is open to junior majors or minors in physical education.

**R275 Dynamics of Camp Leadership (2 cr.)** Role of counselors in relation to objectives, organization, guidance, leadership skills, and program resources in organized camps.

**R423 Visitor Behavior (3 cr.)** Examines the theory and findings of visitor and tourism research as it is conducted in such recreation and leisure settings as parks, museums, towns, historic sites, sporting facilities, and resorts. Topics include visitor motivations, expectations, social interactions, and assessment. Students will learn nine techniques for gathering information from and about visitors.

**R470 Professional Field Experience in Recreation (1-3 cr.)** P: Consent of instructor. Practical/applied field work in a HPER setting.

**R474 Camping Leadership II (2 cr.)** Advanced camping with an emphasis on practical experience in a camp setting.

**S360 Highway Safety Administration (3 cr.)** Introduction to the organization and structure of both U.S. and Indiana highway traffic safety systems.

*The Camp Leadership Course must be completed in an intensive session at the end of the first year a student enrolls in the school.*
Emphasis placed upon system actors, agency responsibilities, the pervasiveness of motor accidents and their consequences, and system responses to reduce the frequency and severity of motor vehicle crashes.

S4+1 Readings in Safety Education (2 cr.) In-depth readings related to a specific safety education topic.

S456 Traffic Safety Education for Teachers (4 cr.) Materials and methods for high school classroom and practice driving instruction. Psychophysical limitations of drivers, driving procedures, car procurement, scheduling, public relations, maintenance, pedestrian protection, skill exercises, road training. Students teach beginning drivers. Driver's license required.

S458 Driver Education Multiple Instruction Techniques (3 cr.) Multimedia techniques, methods, and materials of instruction including multimedia systems and driving simulators. Multiple-car methods of instruction, including the design and operation of off-street driving ranges. Open only to juniors, seniors, and graduate students who will be completing certification in the field of driver education.

Graduate Physical Education Courses

H510 Organization and Administration of School Health Programs (3 cr.) Recommends criteria for the organization, implementation, and evaluation of health education programs in schools. Covers the areas of administration, health instruction, health services, and a healthful school environment. Discusses special roles and responsibilities of teachers, nurses, administrators, and other school and community personnel in promoting child health.

H517 Workshop in Health Education (1-3 cr.) Interesting topics of relevance to individuals in school and public health and related disciplines. Conducted in workshop fashion under the direction of faculty members. Emphasizes practical application, group involvement, and the use of resource personnel. Specific topics vary; course may be repeated for credit.

H522 Women's Health (3 cr.) Examines the relationships of women to health and health care, with attention to health concerns unique to women and common to both sexes throughout the life span. Emphasizes current information related to women's health issues and the health educator's role in women's health.

K500 Special Topics in Physical Education (1-3 cr.) Selected topics in physical education.

K506 Computer Applications in Physical Education (3 cr.) Hands-on applications in the use of microcomputers as problem-solving tools in physical education. Programming applications and problems in physical education, sport sciences, administration, athletics, and research.

K510 Administrative Theory of Competitive Sports Programs (3 cr.) Organization of high school athletics with reference to national, state, and local control. Staff, program, budget, health and safety, facilities, and other phases of administration.

K511 Legal Issues in the Sport Environment (3 cr.) An introduction to legal principles involved in amateur sport. Constitutional law issues such as athletic eligibility, NCAA due process, gender discrimination, and drug testing. In-depth explanation of tort liability. Contracts in amateur sport settings.

K525 Psychological Foundations of Exercise and Sport (3 cr.) Addresses theoretical and empirical aspects of topics including exercise and mental health, anxiety and sport performance, “personology” and sport, overtraining, exercise adherence, and perceived exertion.

K530 Mechanical Analysis of Human Performance (3 cr.) P. ANAT A215 or equivalent. PHYS P201 recommended. Newtonian mechanics applied to human movement. Analysis of sports techniques.

K533 Advanced Theories of High-Level Performance (3 cr.) An integrative analysis of the physiological, psychological, and biomechanical principles, mechanisms, and phenomena underlying the acquisition of the capacities and abilities required for high-level physical performance.

K535 Physiological Basis of Human Performance (3 cr.) P. PHYS P215 or equivalent. A study of physiological changes that occur with exercise. Emphasis on cardiorespiratory, muscular, and biochemical adaptations to training, and how these adaptations affect human performance. Physiological principles are applied to athletic training, adult fitness, weight regulation, and physical therapy.

K552 Problems in Adapted Physical Education (3 cr.) A study of problems as they relate to philosophy, procedures, and practices in adapted physical education.

K571 Administration of Physical Education (3 cr.) Prepares individuals to assume administrative roles in physical education. Concepts and practices related to the administration of physical education. Procedures for developing and evaluating learning experiences. Aspects of administration pertaining to programming, personnel, facilities, equipment, supplies, safety, and in-service programs.


K576 Measurement and Evaluation in Physical Education (3 cr.) Theory of measurement in physical education, along with selection and administration of appropriate tests, and interpretation of results by statistical procedures. Project required to apply the theories involved.

K601 Readings in Kinesiology (cr. arr.) P: Graduate grade point average (GPA) of at least 3.0. Guided readings for broadening information about and understanding of the profession.

K602 Independent Study and Research (cr. arr.) P: Graduate GPA of at least 3.0. Independent research conducted under the guidance of a graduate faculty member.

Elective Physical Education Program

D101 Beginning Ballet I (1 cr.) This course is designed for the adult learner in ballet technique. It includes barre work and center combinations that promote strength, flexibility, balance, and coordination. Ballet serves as a foundation for other forms of dance and enhances body posture and carriage.

D110 Beginning Modern Jazz Dance (1 cr.) This course is designed for the adult beginner in modern jazz dance and will be concerned with rigorously training the body in the styles of leading jazz educators. Warm-up exercises and jazz combinations will be performed, and historical, social, and ethnic dance contributions will be examined.

D201 Modern Dance Workshop (1 cr.) Collaboration of dance faculty in providing a wide variety of movement experiences in the areas of technique, composition, and improvisation. This course may be repeated.

D202 Intermediate Ballet (1 cr.) This course is a continuation of HIPER D101 or is for the adult beginner with previous experience in ballet technique. It will cover a technical vocabulary of barre and center work to stimulate both the mind and the body.

D211 Advanced Technique I (2 cr.) P: HIPER E355 or permission of the instructor. Designed to allow the student to develop a higher level of technical proficiency, with an emphasis on the application and analysis of various movement principles as they relate to dance and performance.

D212 Advanced Technique II (2 cr.) P: HIPER D211. An extension of principles examined in D211 through the use of longer and more complex movement sequences, with an emphasis on style and performance.

D218 Modern Jazz Dance Technique (1 cr.) Instruction in jazz dance technique derived from the styles of Luigi and Gus Giordano; special emphasis on centering, precision and clarity of movement, and coordination and performance skills such as style and visual focus.

D221 Dance Composition I (2 cr.) P: HIPER E255 or E355. Through problem-solving assignments and appropriate dance composition, tools for discovering movement will be developed.

D332 Dance and the Allied Arts II (3 cr.) P: Permission of instructor. Historical development of dance and related art forms, Renaissance through contemporary.

D351 Teaching of Modern Dance (1 cr.) P: HIPER D221. Study of various approaches, methods, and materials for teaching dance at the secondary level, including procedures for evaluation.
D421 Choreographic Performance Project (2 cr.) P: Senior dance performance majors only. Under faculty guidance, each student is responsible for initiating and developing a completed work for concert performance.

D441 Dance Production I (2 cr.) Basic orientation to technical theatre, specifically for dance. Production methods for publicity, audio-visual materials, and make-up design. Includes presentation of an original lecture-demonstration.

E100 Experiences in Physical Activity (1 cr.) Any of a series of courses in new and developing fitness and activity areas.

E102 Aerobic Dance (1 cr.) Course is a total fitness class that emphasizes cardiorespiratory conditioning, flexibility, muscular endurance, and coordination through rhythmic body movement. Only Satisfactory (S) and Fail (F) grades are given.

E105 Badminton (1 cr.) Beginning instruction in basic skills and techniques of badminton for singles, doubles, and mixed doubles play. Emphasis on basic skill development, rules, and strategy.

E109 Ballroom and Social Dance (1 cr.) Instruction in the techniques of ballroom dance including fox trot, waltz, cha-cha, tango, rhumba, samba, and fad dances.

E111 Basketball (1 cr.) Instruction in fundamental skills of shooting, passing, ball handling, footwork, basic strategies of offensive and defensive play, and interpretation of rules.

E112 Bicycling (1 cr.) Beginning instruction in the principles of fitness through a cycling program. Fitness testing will be done and cardiovascular training will be emphasized. Proper riding technique, safety, and other features of competitive and recreational cycling will be discussed.

E119 Conditioning (1 cr.) Instruction in basic principles of conditioning and fitness. Emphasis on muscular strength, muscular endurance, flexibility, and cardiorespiratory endurance. Designed for students without prior knowledge of conditioning methods.

E121 Conditioning and Weight Training (1 cr.) Instruction in basic principles of conditioning and weight training. Emphasis on muscular strength, muscular endurance, flexibility, and cardiorespiratory endurance.

E123 Diving (1 cr.) Instruction in fundamental dives including approach, takeoff, execution of the dive, and entry into the water. Emphasis on basic forward, backward, reverse, and twisting somersaults. Course designed for all levels regardless of past diving experience.

E125 Exercise to Music (1 cr.) Instruction in exercises for flexibility and muscle toning. Exercises are set to musical routines.

E127 Fencing (1 cr.) Instruction in guard position, footwork, and basic defensive and offensive skills. Emphasis on fencing with foil and an overview of the saber and épée.

E130 Army Physical Fitness (2 cr.) The path to total fitness requires a combination of physical conditioning, mental conditioning, and commonsense dietary considerations. Army Physical Fitness is for those willing to accept a disciplined regimen proven to lead to total fitness.

E131 Folk and Square Dance (1 cr.) Introduction to folk dance in the United States and other countries. Instruction in fundamentals of movement, basic folk dance techniques, and square-dance patterns in traditional and modern folk and square dances.

E133 Fitness and Jogging I (1 cr.) Beginning instruction in the basic principles of fitness as they apply to a jogging program. Emphasis on cardiorespiratory endurance and flexibility. Basic concepts underlying Dr. Kenneth Cooper's aerobic program included. Course designed for students without prior experience in jogging programs or in aerobic levels 1 through III.

E135 Golf (1 cr.) Beginning instruction in techniques for putting, chipping, pitching, iron swing, and wood stroke. Course includes rules and etiquette of golf. Students play on par-3 courses. Fee charged.

E137 Gymnastics (1 cr.) Beginning instruction in basic skills and incorporation of basic routines in trampoline, tumbling, and vaulting. Emphasis on events performed by both men and women. All events will be included.

E139 Handball (1 cr.) Instruction in basic skills for beginning players. Includes both four-wall singles and doubles games.

E148 Tai Chi Chuan (1 cr.) Instruction in basic skills and techniques for beginning-level participants in this non-contact martial art. Topics include breathing, centering, postures, and movement sequences.

E149 Judo (1 cr.) Beginning instruction in techniques for throwing, grappling skills, and limited self-defense. Students should achieve technical skill level of yellow belt. Judo uniform required.

E150 Karate (1 cr.) Beginning instruction in techniques for blocking, kicking, striking, punching, limited free fighting, and self-defense. Students should achieve technical skill level of yellow belt. Uniform required.

E151 Self-Defense (1 cr.) Instruction techniques for practical self-defense skills and situations. No uniform required.

E155 Modern Dance (1 cr.) Beginning instruction in modern dance technique, stressing knowledge and application of movement principles essential to dance training.

E159 Racquetball (1 cr.) Instruction in basic skills for beginning players. Includes both four-wall singles and doubles games.

E165 Soccer (1 cr.) Instruction in fundamental techniques, rules, basic team tactics, and strategies. Emphasis on competitive game scrimmages and fundamental drills.

E168 Swimming—Nonswimmers (1 cr.) Beginning instruction in self-rescue, remedial swimming skills, and several basic strokes. For the student with no swimming skills.

E171 Tennis (1 cr.) Beginning instruction in the fundamental skills of forehand and backhand strokes and serves. Competitive play in women's, men's, and mixed doubles.

E185 Volleyball (1 cr.) Instruction in fundamental skills of power volleyball. Emphasis on overhead serve, bump, set, dig, and spike. Team offensive and defensive strategies included.

E187 Weight Training (1 cr.) Instruction in basic principles and techniques of conditioning through use of free weights. Emphasis on personalized conditioning programs.

E189 Wrestling (1 cr.) Instruction in basic moves of takedown, escape rides, reversal, and pinning combinations. Class instruction appropriate for beginning- and intermediate-level wrestlers.

E190 Yoga (1 cr.) Introduction to the basic principles and techniques of yoga.

E200 Military Science—Leadership Lab (1-6 cr.) P: Minimum grade point average (GPA) of 2.0, 54 semester credits. Conducted at Fort Knox, Kentucky, for six weeks, course will cover basic military skills and leadership. Students earn 1-6 credits, based on military science basic courses previously taken. Students should not have completed military basic training or Reserve Officer Training Corps (ROTC) basic course.

E219 Weight Loss and Exercise (2 cr.) Designed for overweight students, this class will stress the importance of diet and exercise in permanent weight control. Uses dietary behavior modification techniques and an exercise program to achieve a gradual reduction to and maintenance of ideal weight. Only Satisfactory (S) and Fail (F) grades given.

E230 Advanced Army Physical Fitness (2 cr.) P: E130 or consent of instructor. Continuing along the path to total fitness begun in E130, this course emphasizes the leadership aspect of army physical fitness. Students will lead physical training sessions, participate in and lead formation runs, and continue the discipline regimen begun in E130.

E250 Karate—Intermediate (1 cr.) P: Yellow-belt technical level or permission of instructor. Instruction in advanced applications of basic techniques and free fighting. Students should achieve technical level of green belt. Karate uniform required.

E255 Modern Dance—Intermediate (1 cr.) P: HIPER E155 or permission of instructor. Intermediate modern dance technique stressing knowledge and application of movement principles essential to dance training.

E268 Swimming—Intermediate (1 cr.) Instruction designed to help the less-skilled swimmer master the five basic strokes and be proficient in self-rescue and basic rescue skills.

E270 Scuba (1 cr.) Introduction to scuba diving. Emphasis on safety and avoidance of potential dangers. A noncertification course.

E275 Aquatic Conditioning (1 cr.) Course designed for highly skilled swimmers interested in training methods that may be used by noncompetitive swimmers.
E281 Tennis—Intermediate (1 cr.) Instruction in
spin service, volley, lob, and advanced drive
placement. Emphasis on singles and doubles playing
strategies.

E355 Modern Dance I—Advanced (1 cr.) P:
HPER E255 or permission of instructor. Advanced
techniques in modern dance with emphasis on
performance of movement patterns and individual
creative work.

E356 Modern Dance II—Advanced (1 cr.) P:
HPER E355. Course may be repeated. Continuation of
advanced techniques in modern dance with emphasis
on performance of movement patterns and on
individual creative work.

E371 Advanced Scuba (1 cr.) P: HPER E370 or
National Scuba Certification. Course provides students
with practical knowledge in advanced scuba. Topics
include natural and compass navigation, search and
recovery, night or limited visibility, and specialty and
deep-diving knowledge.

E475 Lifeguard Certification (1 cr.) Instruction
per American Red Cross standards prepares students to
lifeguard at pools and non-surf beaches. Corequisites (set by the Red Cross) needed to earn the
Lifeguarding Certification (i.e., Standard First Aid
and CPR) are included in this course.

E477 Water Safety Instructor (2 cr.) Instruction
prepares students to teach American Red Cross
swimming and water safety courses to infants/parents,
preschoolers/parents, youths, and adults. Includes
safety course for swim coaches. Students meeting
written and skill criteria earn American Red Cross
Water Safety Instructor certificate.

Department of Tourism, Conventions, and Event
Management (TCEM) Courses

The courses below represent the total offerings of the
Department of Tourism, Conventions, and Event
Management. Not all courses are offered every
semester. The number of credit hours given for a
course is indicated in parentheses following the
course title. The abbreviation P refers to
prerequisites.

TCEM 100 Introduction to Tourism and
Hospitality Management (3 cr.) An overview of the
industries. Management theory and responsibilities in
addition to career paths are presented.

TCEM 110 College Life Orientation (1 cr.) To
introduce new TCEM majors to the department,
school, and university to ensure a successful
beginning to their academic careers.

TCEM 115 Computers in the Tourism and
Hospitality Industry (3 cr.) Establishes computer
competency with operating systems, spreadsheets, and
word processing. Explores applications of computers
in the tourism industry with emphasis on programs
impacting the management of organizations.

TCEM 119 Travel Career Development (3 cr.) A
comprehensive investigation of the broad range of
available travel services and products. Skills needed to
begin a productive career in the travel industry are
emphasized.

TCEM 141 Financial Accounting for the Service
Industries (3 cr.) Fundamental accounting
principles and procedures applied to the hospitality
and service industries. Includes study of the uniform
system of accounts, financial statements, special
purpose journals, and subsidiary ledgers unique to the
hospitality and service industries.

TCEM 171 Introduction to Convention/Meeting
Management (3 cr.) An overview of the
conventions, expositions and meetings industry. Focus
will be on the operational aspects of various industry
segments and the intra-industry interaction of each.

TCEM 172 The Development and Management of
Attractions (3 cr.) An examination of the process
developing visitor attractions and a discussion of the
main issues involved in their management.

TCEM 181 Front Office Operations
(3 cr.) Concepts of organization, communication,
ethics, and policy formulation in the front office.
Introducing the basic techniques and trends in
systems and equipment available to meet the needs of
the management and the guest.

TCEM 191 Sanitation and Health in Food
Service, Lodging, and Tourism (3 cr.) The
application of sanitary and public health engineering
principles to food service and lodging operations.

TCEM 212 Tourism and Hospitality
Management Principles (3 cr.) P: TCEM 100.
The principles of planning, organizing, directing, and
controlling as applied to the hospitality service
industry. Topics relating to motivation and leadership
will be stressed. Issues of organizational change,
organizational effectiveness, and the nature of
managerial work will be addressed.

TCEM 218 Wines of the World (3 cr.) P: At least
21 years of age. An examination of the wines
produced in other countries. Identify the
characteristics of the growing regions, types of wines
produced, economic considerations of purchasing
imported wines, and marketing these wines to
increase beverage sales.

TCEM 231 Marketing Tourism and Hospitality
(3 cr.) Development, use, and evaluation of effective
merchandising, advertising, and public relations
techniques in the hospitality and tourism industries.

TCEM 241 Financial Analysis and Decision
Making in Tourism and Hospitality Operations
(3 cr.) P: TCEM 141. Managerial and financial
analyses of numerical data used for decision making.
Consideration of systems, techniques, information
types, and presentation forms used by hospitality
management. Emphasis on situations oriented to the
hospitality industry.

TCEM 271 Mechanics of Meeting Planning
(3 cr.) P: TCEM 171. An analysis of details pertinent
to the organization and execution of a meeting. Topics
include finances and contracts, site selection,
program development, marketing, and evaluation and
wrap-up.

TCEM 272 The Tourism System (3 cr.) Travel,
trends, travel modes, and economic impact on
destination area. Emphasis on local, regional, and
national tourism.

TCEM 281 Hotel Management (3 cr.) P: TCEM
181. All components of a hotel are reviewed to
examine the efficient flow of activities among
departments for optimal operation. Includes
discussion of operational departments relevant to the
type of property. Focuses on management procedures
to maximize guest service and profit.

TCEM 305 Newsletter Design and Technology
Work Experience (1 cr.) In-service training and
practical experience in the design and development of
a newsletter.

TCEM 306 Destination Development (3 cr.) P:
TCEM 212, TCEM 251, TCEM 352. Preparation of a
destination development plan that presents a
comprehensive outline of a proposed tourism
operation.

TCEM 308 Wine Selection (3 cr.) P: At least 21
years of age. Topics will include types of wines, wine
quality, and serving suggestions. Wine tastings will be
included.

TCEM 310 Special Event Management (2 cr.)
Course topics will include planning for social events
such as themed parties, weddings, or balls; planning
for fundraiser events; planning recognition events;
and planning entertainment events.

TCEM L310 Special Event Management
Laboratory (1 cr.) Laboratory experiences in
special event execution.

TCEM 311 Procurement Management
(3 cr.) Identifies and describes foods, beverages,
supplies, equipment, furniture, and furnishings.
Provides methods and criteria for recognizing quality
and for evaluating, specifying, purchasing, and
inspecting these materials.

TCEM 312 Human Resource Management for
the Service Industries (3 cr.) P: TCEM 212. Covers
the concepts of management of people for effective
operation of institutions involving supervisory
development and communications; the pretesting,
training, and evaluating of employees; and the
development of attitudes and morale of people
working together.

TCEM 313 Hospitality Career Planning (1 cr.)
Development of skills and understanding of tools and
techniques of planning for a career in the hospitality
industry. Emphasis on preparation for the job search.

TCEM 317 Seminar Planning (1 cr.) Seminar
planning to provide education update for business
and industry or for professional licensing. Content
selection, speaker arrangement, site arrangement,
and quality evaluation are possible course topics.
TCEM 318 Wine Management (3 cr.) Students will be presented with a concise, practical guide to profitable wine management. The course will incorporate the best experience amassed by operations over the years, with heavy emphasis on the recent trends.

TCEM 319 Management of Sports Events (3 cr.) P: TCEM 171. Amateur or professional sport event planning. Course will include discussion of site selection, logistics, personnel, housing, food, and legalities of hosting an event.

TCEM 322 Hospitality Facilities Management (3 cr.) Technical and managerial issues related to the operation and maintenance of the physical plant and equipment in hospitality industry facilities.

TCEM 334 Cultural Heritage Tourism (3 cr.) P: TCEM 272. Examines the balance between visitor interests and needs as compared to protecting cultural and heritage resources. Looks at ways of linking quality cultural heritage tourism to community development. Special emphasis will be placed on Indiana cultural and heritage tourism.

TCEM 352 Promotional Communications (3 cr.) P: BUS X204 or consent of instructor. Provides information on the field of personal and public relations. Explores effective public relations methods. Focuses on the relationship-oriented decisions a public relations professional must make based upon different circumstances that arise within an organization.

TCEM 362 Economics of Tourism (3 cr.) P: ECON 201, TCEM 272. Discussion of the economic impact of travel on tourism’s various sectors and of the quantitative methods that can be applied to travel forecasting and tourism projects.

TCEM 372 Global Tourism Geography (3 cr.) P: TCEM 272. Analysis of U.S. and world travel destinations, including the exploration of principal geographic features, population centers and attractions, habits, customs, and traditions, and festivals and events, as these relate to the hospitality and travel industry. The major airline and airport/city codes in North America and overseas are also covered.

TCEM 377 Exhibit Marketing (3 cr.) P: TCEM 231. A successful exhibit can be one of the most powerful sales and marketing tools in any company’s arsenal. This course is designed to help students through every phase of the endeavor—from the initial planning stage to implementation and post-show follow-up.

TCEM 385 Beer and Spirits Management (3 cr.) Students will be introduced to the basic principles of beer and spirits production with a primary focus on manufacturing, quality criteria, beer and spirits styles, and sensory standards. Evaluation by tasting is an integral part of the course.

TCEM 387 Tourism Internship (1-12 cr.) P: Junior standing. Provides students with an opportunity to improve their operational/ managerial skills by working in new areas.

TCEM 391 Event Catering Management (1 cr.) Exploration and creative use of foods and beverages to meet the clients’ needs for on-premise and off-premise catering. Concepts of management for the effective operation of catering businesses with analysis of financial framework, menu planning, customer relations, and production-service logistics.

TCEM 391 Event Catering Management Laboratory (1 cr.) A laboratory to execute on-premise and off-premise catered events. Course is completed at Elkhart Lake, Wisconsin.

TCEM 392 Destination Development (1 cr.) P: TCEM 212, TCEM 231, TCEM 352. To prepare destination development plans that present a comprehensive outline of a proposed tourism operation.

TCEM 411 Hospitality Law (3 cr.) P: TCEM 212, TCEM 312. Rights and duties of innkeepers and restaurateurs, civil rights, contracts, negotiable instruments, and types of organizations.

TCEM 461 Tourism Research and Planning Development (3 cr.) P: TCEM 212, TCEM 362, and STAT 302. This course discusses tourism research planning and development as a process, with emphasis on goal achievement for both tourism businesses and host communities.

TCEM 472 Global Tourism (3 cr.) P: TCEM 272. Critical issues, problems, and opportunities that face the tourism industry.

TCEM 499 Operational Analysis (3 cr.) P: TCEM 212, TCEM 231, TCEM 241, STAT 302, and senior classification. Combines all of the areas concerned with executive management, marketing, personnel, cost controls, etc. Examines the hospitality organization as a total system, with emphasis on strategic planning, systems design, and problem analysis.

**Foods and Nutrition (FN) Courses**

**FN 203 Foods: Their Selection and Preparation (3 cr.)** Principles of food selection, preparation, and meal planning, including purchasing guides, nutrition principles, and meal service.

**FN 297 Food and Nutrition Trends and Issues (1 cr.)** Exploration of trends and issues in food and nutrition that relate to the hospitality industry.

**FN 303 Essentials of Nutrition (3 cr.)** Credit not given for both FN 303 and FN 315. Basic nutrition and its application in meeting nutritional needs of all ages. Consideration is given to food selection, legislation, and community nutrition education programs.

**FN 309 Vegetarian Lifestyles (1 cr.)** Course topics will include reasons for selecting vegetarianism and types of vegetarianism.

**FN 313 Heart-Healthy Principles of Menu Planning and Food Preparation (3 cr.)** Basic principles of nutrition as applied to menu planning, food preparation, and recipe modification. Computerized nutrient analysis and laboratories will be used to practice principles.

**FN 315 Fundamentals of Nutrition (3 cr.)** P: CHEM C101 or BIOL N217 or consent of instructor. Credit not given for both FN 303 and FN 315. Basic principles of nutrition and their application in meeting nutritional needs during the life cycle.

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**Administrative Officers**

PAUL NICHOLAS KELLUM, Ed.D., Dean of the School of Physical Education, Indianapolis, and Associate Dean of the School of Health, Physical Education, and Recreation, Bloomington

LINDA BROTHERS, Ph.D., Chairperson of the Department of Tourism, Conventions, and Event Management

ELIZABETH JONES, P.E.D., Chairperson of the Department of Physical Education

**Department of Physical Education Faculty**

(formerly Normal College of the American Gymnastic Union)

Angermeier, Lisa, Ph.D. (Indiana University, 2000), Assistant Professor of Physical Education

Bahamonde, Rafael E., Ph.D. (Indiana University, 1994), Assistant Professor of Physical Education

Barrett, Sandra, M.S. (Indiana University, 1995), Lecturer in Physical Education

Barrett, Sonja Sue, M.S. (Purdue University, 1965), Associate Professor Emerita of Physical Education

Bradley, Jay A., M.Ed. (University of Cincinnati, 1979), Clinical Assistant Professor and Director, Professional Athletic Training Program and Associate Head Athletic Trainer

Craigie, Paine, M.A., (Butler University, 1983), Part-time Lecturer in Physical Education (Dance)

Doecke, Johannah, Ph.D. (Ohio State University, 1984), Part-time Lecturer in Physical Education

Jones, Elizabeth Ann, P.E.D. (Indiana University, 1983), Chair of the Department of Physical Education and Associate Professor of Physical Education

Kellum, Paul Nicholas, Ed.D. (Indiana University, 1986), Dean of the School of Physical Education, Indianapolis; Associate Dean of the School of Health, Physical Education, and Recreation, Bloomington; and Professor of Physical Education

Kimball, Mary Maitland, M.A. (Butler University, 1975), Professor Emerita of Physical Education and Director of Dance

Lienert, Walter J., B.S. (Indiana University, 1950), Assistant Professor Emeritus of Physical Education

Mikesly, Man E., Ph.D. (University of Texas, 1987), Professor of Physical Education

Schilling, Edmund C., M.S. (Butler University, 1974), Associate Professor of Physical Education and Part-time Associate Professor of Education

Sidhu, Hitwant, P.E.D. (Indiana University, 1957), Professor Emeritus of Physical Education

Stanton, Kathleen A., Ph.D. (University of Virginia, 1995), Assistant Professor of Physical Education

Teguuarden, Karen W., M.S. (Indiana University, 1971), Assistant Professor of Physical Education
Udry, Eileen, Ph.D. (University of North Carolina—Greensboro, 1995), Assistant Professor of Physical Education
Urtel, Mark G., M.S. (Ball State University, 1992), Lecturer in Physical Education
Vessely, Jeffrey Stephen, Ed.D. (Indiana University, 1986), Professor of Physical Education

Department of Tourism, Conventions, and Event Management Faculty

Achana, Francis T., Ph.D. (Purdue University, 2000), Assistant Professor of Tourism, Conventions, and Event Management
Avgoustis, Sotiris H., Ph.D. (Indiana State University, 1996), Assistant Professor of Restaurant, Hotel, Institutional, and Tourism Management
Bennett, James D., M.S. (Indiana University, 1996), Lecturer in Restaurant, Hotel, Institutional, and Tourism Management
Brothers, Linda R., Ph.D. (Purdue University, 1984), Chair of the Department of Tourism, Conventions, and Event Management and Associate Professor of Home Economics