Nebraska Wesleyan University

Health and Human Performance

Catalog

2015-2016

Majors, Minors & Degrees

Majors

1. Athletic Training (B.S.)
2. Exercise Science (B.S.)
3. Health and Fitness Studies (B.S.)
4. Health and Physical Education (B.S.)
5. Physical Education (B.S.)
6. Sport Management (B.S.)

Minors

1. Coaching
2. Exercise Science
3. Health and Fitness Studies
4. Sport Management

Courses

AT 1270 Advanced Emergency Care

1 hour

See HHP 1270 Advanced Emergency Care.

AT 1300 Prevention and Care of Athletic Injuries

3 hours

See HHP 1300 Prevention and Care of Athletic Injuries.

AT 1900 Selected Topics

1-4 hours

A topical course designed to investigate relevant subject matter not included in any standard courses. The title and the content will be determined by current mutual interests of students and faculty. This course may be offered to meet a requirement for a major only by approval of the department chair.

AT 1950 Independent Study

1-4 hours

This is a research course. The student initially meets with the department chair to select a study topic and review research methods. At this time the student will be assigned a faculty resource person to guide his or her work and assist in an advisory capacity. A copy of the student's work is filed in the archives for the department. Independent study may not duplicate courses described in the catalog.
Prerequisite(s): Senior standing or permission of the department chair.

AT 1960 Special Projects

1-15 hours

Supervised individual projects for students on topics selected by the student in consultation with the instructor. Special Projects may not duplicate courses described in the catalog.
Prerequisite(s): Permission of the instructor.

AT 1970 Internship

1-8 hours

An on-the-job experience oriented toward the student's major interest. The student is to secure a position in an organization that satisfies the mutual interests of the instructor, the sponsor, and the student.
Prerequisite(s): Permission of the department chair.

AT 2010 Athletic Training Clinical Experience I

2 hours

This course provides clinical experience supervised by a Clinical Preceptor in an athletic training setting. Emphasis will be placed on advanced first aid and CPR with AED, spine boarding, emergency action plan implementation, heat and environmental related conditions, risk management and injury prevention, taping and wrapping of athletic injuries and protective equipment fitting and prevention, taping and wrapping of athletic injuries and protective equipment fitting and maintenance.
Prerequisite(s): Admission into the ATP.

AT 2020 Athletic Training Clinical Experience II

2 hours

This course provides clinical experience supervised by a Clinical Preceptor in an athletic training setting. Emphasis will be placed on recognition and evaluation of the lower extremity sports injuries.
Prerequisite(s): AT 2010 Athletic Training Clinical Experience I.

AT 2400 Physical Exam of the Lower Extremity

3 hours

An in-depth study of how the lower extremities including skills used to evaluate, treat and manage athletic injuries. Includes one 1-hour lab per week.
Prerequisite(s): Formal admission into ATP or BIO 1090 Human Anatomy and Physiology and BIO 1100 Human Anatomy and Physiology and junior standing and permission of the instructor.

AT 2410 Physical Exam of the Upper Extremity

3 hours

An in-depth study of the upper extremities including skills used to evaluate, treat and manage athletic injuries. Includes one 1-hour lab per week.
Prerequisite(s): AT 2400 Physical Exam of the Lower Extremity.

AT 2450 Therapeutic Modalities of Athletic Injuries

3 hours

This course is designed to provide an overview of the theory, application, and knowledge of therapeutic modalities. The use of heat, cold, electrical, and other treatments will be explored. Includes one 1-hour lab per week.
Prerequisite(s): Admission to the ATP, AT 2400 Physical Exam of the Lower Extremity, and permission of the instructor.

AT 2900 Selected Topics

1-4 hours

A topical course designed to investigate relevant subject matter not included in any standard courses. The title and the content will be determined by current mutual interests of students and faculty. This course may be offered to meet a requirement for a major only by approval of the department chair.

AT 2950 Independent Study

1-4 hours

This is a research course. The student initially meets with the department chair to select a study topic and review research methods. At this time the student will be assigned a faculty resource person to guide his or her work and assist in an advisory capacity. A copy of the student's work is filed in the archives for the department. Independent study may not duplicate courses described in the catalog.
Prerequisite(s): Senior standing or permission of the department chair.

AT 2960 Special Projects

1-15 hours

Supervised individual projects for students on topics selected by the student in consultation with the instructor. Special Projects may not duplicate courses described in the catalog.
Prerequisite(s): Permission of the instructor.

AT 2970 Internship

1-8 hours

An on-the-job experience oriented toward the student’s major interest. The student is to secure a position in an organization that satisfies the mutual interests of the instructor, the sponsor, and the student.
Prerequisite(s): Permission of the department chair.

AT 3010 Athletic Training Clinical Experience III

2 hours

This course provides clinical experience supervised by a Clinical Preceptor in an athletic training setting. Emphasis will be placed on recognition and evaluation of upper extremity injuries, and therapeutic modalities.
Prerequisite(s): AT 2020 Athletic Training Clinical Experience II.

AT 3020 Athletic Training Clinical Experience IV

2 hours

This course provides clinical experience supervised by a Clinical Preceptor in an athletic training setting. Emphasis will be placed on conditioning and rehabilitation exercises for injuries.
Prerequisite(s): AT 3010 Athletic Training Clinical Experience III.

AT 3330 Health Assessment

3 hours

This course will provide skills required to conduct a holistic health assessment through comprehensive analysis of a patient's health status across the age continuum. Topics include: dermatological, cardiovascular, ear, nose and throat, neurological, respiratory, musculoskeletal, gastrointestinal, renal and urogenital, endocrine and metabolic systems, and psychological medical disorders.
Prerequisite(s): Junior standing.

AT 3600 Rehabilitation of Injuries

3 hours

This course involves learning essential components of a rehabilitation program including principles of therapeutic exercises, rehabilitation techniques and special therapeutic techniques. Includes one 1-hour lab per week.
Prerequisite(s): Admission to the ATP, AT 2400 Physical Exam of the Lower Extremity, AT 2410 Physical Exam of the Upper Extremity and permission of instructor.

AT 3900 Selected Topics

1-4 hours

A topical course designed to investigate relevant subject matter not included in any standard courses. The title and the content will be determined by current mutual interests of students and faculty. This course may be offered to meet a requirement for a major only by approval of the department chair.

AT 3950 Independent Study

1-4 hours

This is a research course. The student initially meets with the department chair to select a study topic and review research methods. At this time the student will be assigned a faculty resource person to guide his or her work and assist in an advisory capacity. A copy of the student's work is filed in the archives for the department. Independent study may not duplicate courses described in the catalog.
Prerequisite(s): Senior standing or permission of the department chair.

AT 3960 Special Projects

1-15 hours

Supervised individual projects for students on topics selected by the student in consultation with the instructor. Special Projects may not duplicate courses described in the catalog.
Prerequisite(s): Permission of the instructor.

AT 3970 Internship

1-8 hours

An on-the-job experience oriented toward the student’s major interest. The student is to secure a position in an organization that satisfies the mutual interests of the instructor, the sponsor, and the student.
Prerequisite(s): Permission of the department chair.

AT 4010 Athletic Training Clinical Experience V

2 hours

This course provides clinical experience supervised by a Clinical Preceptor in an athletic training setting. Emphasis is placed on medical conditions and disabilities, pharmacology, nutritional aspects of injury and illness, and psychosocial intervention and referral.
Prerequisite(s): AT 3020 Athletic Training Clinical Experience IV.

AT 4020 Athletic Training Clinical Experience VI

2 hours

This course provides clinical experience supervised by a Clinical Preceptor in an athletic training setting. Emphasis is placed on the use of computer software, health care administration, and professional development. Incorporated into this course will be a research project which serves as a capstone of the educational experiences at Nebraska Wesleyan University.
Prerequisite(s): AT 4010 Athletic Training Clinical Experience V.

AT 4350 Organization and Administration of Athletic Training

3 hours

This course is designed to study the application of the organizational and administrative outlooks in regards to the field of athletic training. It will address emergency care situations in respect to proper record keeping, facility management, and scheduling of medical staff and equipment. In addition, an in-depth exploration of the requirements set forth by OSHA and other federal agencies will be incorporated into each learning environment.
Prerequisite(s): Admission into the ATP, Junior standing, and permission of instructor.

AT 4900 Selected Topics

1-4 hours

A topical course designed to investigate relevant subject matter not included in any standard courses. The title and the content will be determined by current mutual interests of students and faculty. This course may be offered to meet a requirement for a major only by approval of the department chair.

AT 4910 Directed Readings

1-6 hours

An opportunity for students, under the supervision of a faculty member, to pursue scientific literature not covered in other coursework.

AT 4950 Independent Study

1-12 hours

This is a research course. The student initially meets with the department chair to select a study topic and review research methods. At this time the student will be assigned a faculty resource person to guide his or her work and assist in an advisory capacity. A copy of the student's work is filed in the archives of the department. Independent Study may not duplicate courses described in the catalog.
Prerequisite(s): Senior standing or permission of the department chair.

AT 4960 Special Projects

1-15 hours

Supervised individual projects for students on topics selected by the student in consultation with the instructor. Special Projects may not duplicate courses described in the catalog.
Prerequisite(s): Permission of the instructor.

AT 4970 Internship

1-8 hours

An on-the-job experience oriented toward the student's major interest. The student is to secure a position in an organization that satisfies the mutual interests of the instructor, the sponsor, and the student. May be repeated for a maximum of 8 credit hours.
Prerequisite(s): Junior standing and approval of the supervising faculty member.

AT 4980 Capstone Seminar in Health and Human Performance

2 hours

See HHP 4980 Capstone Seminar in Health and Human Performance.

AT 4990 Senior Assessment and Comprehensive Exam

0 hours

See HHP 4990 Senior Assessment and Comprehensive Exam.

HHP 1000 Varsity Sports Fall

0-1 hours

Participation on a varsity team regularly coached and organized by a member of the staff. Course may be recorded on transcript a maximum of four times in each sport, with a limit of one recording per year per sport.
Pass/Fail only.

HHP 1010 Varsity Sports Spring

1 hour

Participation on a varsity team regularly coached and organized by a member of the staff. Course may be recorded on transcript a maximum of four times in each sport, with a limit of one recording per year per sport.
Pass/Fail only.

HHP 1020 Advanced Physical Performance

0-1 hours

A course designed for developing speed, agility, strength explosiveness and overall conditioning for any sport. The course is recommended for well-conditioned students. May be repeated for a maximum of 2 credit hours.
Pass/Fail only.
(Normally offered each spring semester.)

HHP 1030 Handball

1 hour

A course designed to teach fundamental skills and knowledge of beginning handball.
Pass/Fail only.

HHP 1040 Weight Training

1 hour

A course designed to help students develop a healthier lifestyle through weight training. The course includes information on proper technique and training program organization. Safety is emphasized and there are no strength standards. May be repeated for a maximum of 2 credit hours.
Pass/Fail only.

HHP 1050 Fitness Walk/Run

1 hour

A course designed to improve cardiovascular endurance through individual workouts, and to introduce students to fitness-related principles. May be repeated for maximum of 2 credit hours.
Pass/Fail only.
(Normally offered each spring semester.)

HHP 1060 Tennis

1 hour

A course designed to teach fundamental skills and techniques of beginning tennis.
Pass/Fail only.

HHP 1070 Dance

1 hour

A course designed to teach basics techniques of dance and to introduce students to a variety of dance styles.
Pass/Fail only.

HHP 1080 Racquetball

1 hour

A course designed to teach fundamental skills and knowledge of beginning racquetball.
Pass/Fail only.

HHP 1090 Bowling

1 hour

A course designed to teach fundamental skills and knowledge of beginning bowling.
Pass/Fail only.

HHP 1100 Golf

1 hour

A course designed to teach fundamental skills and knowledge of beginning golf.
Pass/Fail only.
(Normally offered each semester.)

HHP 1110 Fitness Cycling

1 hour

A course designed to introduce students to outdoor cycling and to improve cardiovascular endurance through individual and group workouts. Bike and helmet required. May be repeated for a maximum of 2 credits.
Pass/Fail only.

HHP 1120 Aerobics

1 hour

A course designed to introduce students to fitness-related principles and to improve cardiovascular endurance through aerobic activity. May be repeated for a maximum of 2 credits.
Pass/Fail only.

HHP 1130 Cross Training

1 hour

A course designed to introduce students to a variety of methods to develop cardiovascular endurance. Students will receive basic instruction in several proven cross training methods. May be repeated for a maximum of 2 credits.
Pass/Fail only.

HHP 1140 Swimming

1 hour

A course designed to teach the fundamental skills of water exploration, primary swimming skills, stroke readiness, and stroke development.
Pass/Fail only.

HHP 1150 Yoga I

1 hour

A course designed to promote health, alleviate stress, improve skeletal alignment, and increase muscular strength and flexibility. Students will learn a series of physical postures (asanas) as well as practical methods for relaxation, breathing techniques (pranayama), and concentration designed to balance the mind, body and spirit.
Pass/Fail only.

HHP 1160 Fitness Swimming

1 hour

A course designed to improve cardiovascular endurance through individual workouts and to introduce students to fitness-related principles. The student must have swimming competency. May be repeated for a maximum of 2 credit hours.
Pass/Fail only.

HHP 1180 Scuba I: Open Water Dive

1 hour

A course designed to introduce students to background principles and beginning techniques of scuba diving. Certification may be awarded at the discretion of the instructor. Students must have basic swimming ability and be in general good health.
Pass/Fail only.
(Normally offered each semester.)

HHP 1190 Scuba II: Advanced Open Water Dive

1 hour

A course designed to introduce student to underwater navigation, deep diving, night diving, and confined water skills. Students must have basic swimming ability and be in general good health.
Prerequisite(s): HHP 1180 Scuba I: Open Water Dive.
(Normally offered each spring semester.)

HHP 1210 Lifeguard Training/Head Lifeguard

2 hours

A course designed for prospective lifeguards and students interested in becoming head lifeguards. Students will be certified by the American Red Cross.
(Normally offered each summer.)

HHP 1250 Health and Wellness

2 hours

A course designed to enable students to develop a concept of total health and fitness such that the student can attain a degree of physical well-being consonant with each student's unique abilities. The experiences in this course will focus on maintaining physical activity across the entire life span in order to promote life-long physical well-being. Specific topics include nutrition, cardiovascular endurance, body composition, muscular strength and endurance, muscular flexibility, behavior modification, stress management, and disease prevention.
(Normally offered each semester.)

HHP 1270 Advanced Emergency Care

1 hour

A study and application of the principles and techniques involved in the advanced administration of first aid, cardio-pulmonary resuscitation (CPR), and automated electronic defibrillators (AEDs). Students will earn American Red Cross certifications.
(Normally offered each semester.)

HHP 1300 Prevention and Care of Athletic Injuries

3 hours

A study of injuries common to athletic participants and the prevention and care of such injuries.
(Normally offered each spring semester.)

HHP 1310 Foundations

1 hour

An overview of the fields of Physical Education, Human Performance, and Sports Studies will be studied, which include teaching, exercise science, health and fitness studies, and related fields. Topics addressed will include history; careers; current issues; girls and women in sport; minorities in physical education and sport; teacher, coach, athletic trainer, and exercise specialist certifications; educational values of sports; and the importance of physical activity for all.
(Normally offered each semester.)

HHP 1320 Introduction to Allied Health

1 hour

Introductory level course that includes the basic information all health care workers need to work in any department of the health care environment. It will include an orientation to the health care delivery system including history and definition. This course will cover different allied health care occupations and the multi-disciplinary skills needed for success in the health care environment. This course will also include orientation into OSHA measures and guidelines, infection control, and measurement of vital signs.
(Normally offered each semester.)

HHP 1330 Basic Instruction Block

3 hours

A course designed to enhance students in skills and teaching techniques used in team, dual, and individual activities. The students will have opportunity for participation and teaching of skills involved in selected activities. This class is designed for students interested in learning a variety of activities.
(Normally offered each spring semester)

HHP 1500 Introduction to Coaching Theory

2 hours

A course designed to develop and expand information about coaching, coaching styles, and coaching strategies. The course will cover practical coaching theories and include information about organization, communication, and motivation.
(Normally offered each spring semester.)

HHP 1700 Introduction to Sport Management and Leadership

3 hours

A course introducing students to the theoretical foundations in sport management and leadership. Students will not only be engaged in the historical concepts of sport management but also will address global perspectives, current research and development in the sport management and leadership field.
(Normally offered each semester.)

HHP 1740 Sport in Society

2 hours

Sport in Society course designed in taking global, issues-oriented approach to the study of the role of sport in society. This course encourages the discussion of current sport-related controversies and helps students develop critical thinking skills. This course also provides an analysis of social patterns of sport as these are shaped and maintained in social contexts. Structures and dynamics of sport can be viewed as an instruction that is closely linked with other institutions such as family, education, gender roles, and racial and socioeconomic patterns.
(Normally offered each spring semester.)

HHP 1750 Administration and Human Resource Management

3 hours

A course designed to provide students with the basic principles and applications of management and leadership as they relate to the sport industry. Topics include functions of management, organizational behavior, management theories, management style, human resource management, and theories and styles of leadership as they pertain to the sport industry.
Prerequisite(s): Junior standing.
(Normally offered each fall semester.)

HHP 1760 Sports Studies - An Introduction to Football

2 hours

A course designed to develop and expand information about the game of football. This course will familiarize students with the rules, strategies, and skills associated with football. Information will be provided to benefit students interested in coaching and officiating as well as those who want to increase their knowledge of the game.
(Normally offered each fall semester.)

HHP 1770 Sports Studies - An Introduction to Volleyball

2 hours

A course designed to develop and expand information about the game of volleyball. This course will familiarize students with the rules, strategies, and skills associated with volleyball. Information will be provided to benefit students interested in coaching and officiating as well as those who want to increase their knowledge of the game.

(Normally offered each fall semester.)

HHP 1780 Sports Studies - An Introduction to Basketball

2 hours

A course designed to develop and expand information about the game of basketball. This course will familiarize students with the rules, strategies, and skills associated with basketball. Information will be provided to benefit students interested in coaching and officiating as well as those who want to increase their knowledge of the game.
(Normally offered each spring semester.)

HHP 1790 Sports Studies - An Introduction to Baseball/Softball

2 hours

A course designed to develop and expand information about the game of baseball/softball. This course will familiarize students with the rules, strategies, and skills associated with baseball/softball. Information will be provided to benefit students interested in coaching and officiating as well as those who want to increase their knowledge of the game.
(Normally offered each spring semester.)

HHP 1800 Sports Studies - An Introduction to Soccer

2 hours

A course designed to develop and expand information about the game of soccer. This course will familiarize students with the rules, strategies, and skills associated with soccer. Information will be provided to benefit students interested in coaching and officiating as well as those who want to increase their knowledge of the game.
(Normally offered each fall semester.)

HHP 1810 Sport Studies - An Introduction to Track/Cross Country

2 hours

A class the investigates the science and coaching methods of track and field and cross country. Areas of study include sport psychology, training theory, biomechanics, physiology and philosophy. Classroom work will be supplemented by actual practice coaching.
(Normally offered each summer.)

HHP 1900 Selected Topics

1-4 hours

A topical course designed to investigate relevant subject matter not included in any standard courses. The title and the content will be determined by current mutual interests of students and faculty. This course may be offered to meet a requirement for a major only by approval of the department chair.

HHP 1910 Medical Terminology

1 hour

This course focuses on the systematic approach to word building and term comprehension of medical terms. Includes definitions, spellings, pronunciations and common abbreviations of medical terms.

HHP 1950 Independent Study

1-4 hours

This is a research course. The student initially meets with the department chair to select a study topic and review research methods. At this time the student will be assigned a faculty resource person to guide his or her work and assist in an advisory capacity. A copy of the student's work is filed in the archives for the department. Independent study may not duplicate courses described in the catalog.
Prerequisite(s): Senior standing or permission of the department chair.

HHP 1960 Special Projects

1-15 hours

Supervised individual projects for students on topics selected by the student in consultation with the instructor. Special Projects may not duplicate courses described in the catalog.
Prerequisite(s): Permission of the instructor.

HHP 1970 Internship

1-8 hours

An on-the-job experience oriented toward the student's major interest. The student is to secure a position in an organization that satisfies the mutual interests of the instructor, the sponsor, and the student.
Prerequisite(s): Permission of the department chair.

HHP 2010 Drugs in Modern Society

3 hours

A course designed to develop and expand information about the use and abuse of drugs including: alcohol, tobacco, depressants, stimulants, narcotics, inhalants, club drugs, date rape drugs, hallucinogens, marijuana, sport enhancement drugs, prescription and OTC drugs. The course will include history of, and facts about the substances, the pharmacokinetic properties, the formation of laws, the victims, prevention, and approaches to treating the problem.
(Normally offered each fall semester.)

HHP 2020 Consumer, Community, and Environment Health Issues

3 hours

A course designed to develop and expand information about the environment, the informed health consumer, healthful aging and community health. The course will acquaint students with the process of aging, consumer protection, the environment, and community from a health perspective.
(Normally offered each even fall semester.)

HHP 2030 Human Sexuality

3 hours

A course designed to develop and expand current information about human sexuality in a practical manner. The course will present facts and statistics about anatomy and physiology, gender, sexual orientation, reproduction, sexually transmitted infections, contraception, sexual growth and development, relationships and sexual communication, sexual health, commercialization of sex and sexual coercion.
(Normally offered each spring semester.)

HHP 2040 Stress and Disease Management

2 hours

A course designed to develop and expand information about stress, mental health, and major chronic diseases. The course will present causes and warning signs of major chronic diseases and coping strategies for emotional stress.
(Normally offered each fall semester.)

HHP 2050 Pharmaceutical Drugs I

2 hours

This course is designed to provide an extensive framework of knowledge through the introduction to pharmacologic principles. A basic knowledge of the subject of drugs, their sources, and their uses will be introduced. Medication preparation, supplies, and specific information on each route of administration are covered.
Prerequisite(s): HHP 1910 Medical Terminology or NURS 1910 Medical Terminology.

HHP 2060 Pharmacology Drugs II

2 hours

This course is designed to provide an extensive framework of knowledge through the study of medications. Students will study drugs according to classifications including characteristics of typical drugs, their purposes, side effects, precautions or contraindications, and interactions.
Prerequisite(s): HHP 1910/NURS 1910 Medical Terminology and HHP 2050 Pharmaceutical Drugs I or permission of the instructor.

HHP 2330 Medical Terminology

2 hours

Through the study of medical terminology the student will be introduced to the language of medicine. Students will gain an understanding of basic elements, rules of building and analyzing medical words, and medical terms associated with the body as a whole. Utilizing a systems approach, the student will define, interpret, and pronounce medical terms relating to structure and function, pathology, diagnosis, clinical procedures, oncology, and pharmacology. In addition to medical terms, common abbreviations applicable to each system will be interpreted.
(Normally offered each fall semester.)

HHP 2500 Human Nutrition I

2 hours

This is a course designed to provide students with the basic scientific principles of nutrition focusing on their personal choices and experiences. The student will develop a definition of nutrition, and learn how nutrition has evolved. The student will be introduced to the concepts of: essential nutrient classifications, defining and developing a healthy diet, recommendations for specific nutrients, eating disorders, energy balance and obesity, body composition, lifetime nutrition (infancy to older adults), and food/beverage choices and the influence on chronic disease and optimal wellbeing.
(Normally offered each semester)

HHP 2600 Human Nutrition II

2 hours

This is a course designed to study foods and their effects upon health, development, and performance of the individual. The student will build on materials and knowledge learned from Nutrition I. The student will be introduced to the concepts of: link between food and energy, proper water balance, and electrolytes, science of supplementation, manipulation of macronutrient intake, nutrient timing, customized nutrition plans, and the key concepts of sport nutrition relative to both exercise and nutrition for optimal health and physical performance.
Prerequisite(s): HHP 2500 Human Nutrition I
Normally offered each spring semester.

HHP 2640 Positive Psychology

2 hours

This course provides an introduction to the study of topics related to happiness and the positive aspects of human experience. The first part of the course will focus on the basic areas of research in positive psychology and the methods that researchers

use to study happiness, while the second half will broaden the focus to include big-picture issues and real-world application.
Prerequisite(s): PSYCH 1010/PSYCH 1010FYW Introduction to Psychological Science

HHP 2650 Strength Training and Conditioning for Coaches

2 hours

A course designed to provide coaches with solid guidelines for designing strength training and conditioning programs for athletes. The course will cover information on designing year-round programs, proper training technique, and physiological changes associated with training.
(Normally offered each fall semester.)

HHP 2660 Personal Training

2 hours

A course designed to help the student to acquire knowledge and new skills to become a certified personal trainer. This course is designed for entry-level personal trainers. The students will learn the scientific rationale, teaching tools and the practical experience necessary to perform assessments, create individualized programs and progress your clients to their goals. The student will also learn human movement, exercise science, nutrition, and behavior modification, as well as how to build clientele and increase revenue.
Prerequisite(s): HHP 1270 Advanced Emergency Care, BIO 1090 Human Anatomy and Physiology, BIO 1100 Human Anatomy and Physiology or permission of the instructor.
(Normally offered each spring semester.)

HHP 2720 Introduction to Massage Therapy

3 hours

A general survey of techniques and principles used in massage therapy and related disciplines. An introductory laboratory experience with methods in Swedish and seated massage.
(Normally offered each fall semester.)

HHP 2750 Sociological Aspects of Sport

3 hours

Sociological Aspects of Sport is intended as an introductory examination of Sport Sociology. A course designed in taking global, issues-oriented approach to the study of the role of sport in society. This course encourages the discussion of current sport-related controversies and helps students develop critical thinking skills. This course also provides an analysis of social and social-psychological patterns of sport as these are shaped and maintained in social contexts. Structures and dynamics of sport can be viewed as an institution that is closely linked with other institutions such as family, education, gender roles, and racial and socioeconomic patterns.

HHP 2760 Sport and Exercise Psychology

2 hours

An in-depth look at the psychological and sociological factors relative to physical movement and competition. This course will examine the nature and scope of sport as an institutionalized game.
(Normally offered each spring semester.)

HHP 2780 Curriculum and Methodology for Elementary Health and Physical Education

3 hours

An examination of the objectives of an elementary health and physical education program and the development of a curriculum to meet these objectives. An introduction to teaching methods and class management skills are utilized in these programs. This course is designed for elementary education majors.

Prerequisite(s): Sophomore standing.
(Normally offered each fall semester.)

HHP 2800 Cardiac Rehabilitation

2 hours

A course designed to introduce students to clinical exercise. This course will involve learning basic cardiovascular physiology, the phases of cardiac rehabilitation, and appropriate exercise and testing procedures. Introduction to interpreting electrocardiograms and case-study analyses are also included.
Prerequisite(s): BIO 1090 Human Anatomy and Physiology and BIO 1100 Human Anatomy and Physiology.
(Normally offered each spring semester.)

HHP 2920 Sport Facility and Event Management

3 hours

A comprehensive course in sport management focusing on specialization areas such as: theories and methods of administration of facilities including facility construction and facility operation. This course will include event management and legal ramifications involved in the operation of facilities.
(Normally offered each spring semester.)

HHP 2970 Field Experience

1-3 hours

A course designed to provide students with on-the-job experience in their chosen career within the Department of Health and Human Performance. Students will visit locations that provide invaluable experience in the various professional tracks. Students will meet with the instructor at prearranged times during the semester. May be repeated for a maximum of 6 credit hours.
Prerequisite(s): Approval of instructor.

HHP 3000 Coaching Practicum

3-6 hours

Practical experience in coaching in interscholastic athletic programs. The student will work with an athletic team throughout a season and will be involved with all aspects of the program. This course requires a considerable amount of commitment from the student. May be repeated for a maximum of 6 credit hours.
Pass/Fail only.
Prerequisite(s): Approval of the coaching advisor.

HHP 3010 Nutrition

3 hours

A course designed to study foods and their effects upon health, development, and performance of the individual. The student will be introduced to concepts of healthful nutrition, sports nutrition, basic essential nutrients, digestion and absorption, and body composition relative to both exercise and nutrition of optimal health and physical performance. Healthy eating plans will focus on the Recommended Dietary Allowances and the USDA My Plate.
(Normally offered each semester.)

HHP 3100 Worksite Health Promotion

3 hours

A course designed to introduce students to concepts and practices relating to worksite health promotion. Students will learn how to develop, implement, and evaluate wellness promotion programs. Students will complete a 20-hour field experience in an assigned worksite in the community to provide invaluable experience.
(Normally offered each fall semester.)

HHP 3120 Motor Learning and Control

3 hours

A course that will introduce students to correct understandings of how complex motor skills are initially learned, and how they are controlled and refined with practice, from a behavioral point of view. A variety of activities will provide students with practical examples to deepen understanding. This course has applications to general exercise science, physical therapy, and coaching. (Normally offered each fall semester.)

HHP 3210 Current Issues and Ethics in Sport

3 hours

This course is designed as an engaging, in-depth, and inspiring study that will help students understand the value of sport and its limitations and equip them to make ethical choices about the role sports will play in their life and profession.
(Normally offered each spring semester.)

HHP 3330 Health Assessment

3 hours

This course will provide skills required to conduct a holistic health assessment through comprehensive analysis of a patient's health status across the age continuum. Topics include: dermatological, cardiovascular, ear, nose and throat, neurological, respiratory, musculoskeletal, gastrointestinal, renal and urogenital, endocrine and metabolic systems, and psychological medical disorders.
Prerequisite(s): Junior standing.
(Normally offered each spring semester.)

HHP 3500 Planning and Implementing Elementary Physical Education Programs

3 hours

A course designed for students interested in teaching elementary physical education and health. Topics include curriculum development, teaching goals and objectives, curriculum guide and lesson plans, constructing and using evaluation tools and measures, and methods and material (including technology) used in teaching elementary physical education. A 10-hour practicum experience in the elementary physical education class setting is required.
Prerequisite(s): Acceptance into the Teacher Education Program or permission of the department chair, and junior standing.
(Normally offered every odd fall semester.)

HHP 3550 Planning and Implementing Health Education Programs

3 hours

A course designed for students interested in teaching elementary, middle school and secondary health education. Topics include curriculum development, teaching goals and objectives, the study of health content, a framework for comprehensive school health education program, teaching strategies, curriculum guide development and lesson planning, constructing and using evaluation tools and measurements, methods and material (including technology) used in teaching health education. A 10-hour practicum experience in health education will be required.
Prerequisite(s): Acceptance into the Teacher Education Program or permission of the department chair, and junior standing.
(Normally offered every even spring semester.)

HHP 3600 Planning and Implementing 7-12 Physical Education Programs

3 hours

A course designed for students interested in teaching middle and/or secondary physical education. Topics include curriculum development, teaching goals and objectives, curriculum guide and lesson plans, constructing and using evaluation tools and measures, and methods and materials (including technology) used in teaching middle and/or secondary physical education. A 10- hour practicum experience in the middle and/or secondary physical education class setting is required.

Prerequisite(s): Acceptance into the Teacher Education Program or permission of the department chair, and junior standing.
(Normally offered every odd spring semester.)

HHP 3650 Planning and Implementing Adapted Physical Education Programs

3 hours

A course designed to include current research findings and the best practices to assist professionals in designing and implementing appropriate physical education programs for individuals with disabilities.
Prerequisite(s): Acceptance into the Teacher Education Program or permission of the department chair, and junior standing.
(Normally offered summers and each spring semester.)

HHP 3700 Sport Law and Governance

3 hours

Sport Law and Governance course is designed to provide students with knowledge of the US legal system as seen through and applied to the sport industry and contexts within the sport industry. Legal topics will be integrated with management topics to enhance students' knowledge and understanding of key legal topics as well as analysis and application of fundamental legal principles. Students will also analyze numerous cases that highlight relevant legal issues in sport to enhance critical thinking and problem-solving skills. (Normally offered each fall semester.)

HHP 3710 Sport Law 1

2 hours

A course designed to provide students with an introduction to the U.S. legal system as presented and applied to contexts of relevant to the sport industry. Students will also be introduced to fundamental legal principles of significance to sport management. Students will analyze numerous cases and the legal concepts and analyses presented to gain a deeper understanding of legal issues in various coaching, governance, management, and sport participation scenarios.
Prerequisite(s): Sophomore standing.
(Normally offered each fall semester.)

HHP 3720 Healthcare Policy

2 hours

This course will focus on the inner workings of health care policymaking, from the legislative process to socioeconomic impacts, and reveals both modern and historical perspectives in detail. The student will explore factors that shape the U.S. health care system and policy, such as values, government, and private players, and compares them to other countries for international context.

HHP 3730 Sports Marketing and Communication

3 hours

This course directs students to a better understanding of the theoretical backbone that makes sport marketing and communication such a unique subject to study. The ever-expanding field of sport management, sport marketing and communication provides a comprehensive treatment of public relations practice and marketing within sport. Rather than address public relations only as a means of supporting the marketing function or leveraging the media's interest in an event or organization, the student will recognize public relations as a function that is integral to many aspects of a sport organization's goals.
(Normally offered each fall semester.)

HHP 3800 Research and Statistical Methods - I

2 hours

In this course, students will explore potential research topics, evaluate the literature within the student's topic of choice, and identify appropriate measurement instruments to be used to conduct a study during Research and Statistical Methods - II. Each student will write a research proposal. The course is also designed to develop students' competencies in understanding the rationales and computational procedures required for basic behavioral statistics. The students identify, select, compute, and interpret basic statistical tests appropriate for exercise science and sport studies and uses SPSS, a sophisticated, professional statistical software package.
Prerequisite(s): HHP 3850 Biomechanics and Kinesiology and HHP 4150 Physiology of Exercise or permission of instructor.
(Normally offered each fall semester)

HHP 3810 Research and Statistical Methods - II

2 hours

This is an experimental research investigation in which each student formulates his or her own research topic, collects and analyzes the data relevant to that topic, and prepares a formal report of the investigation consistent with guidelines for preparing journal manuscripts.
Prerequisite(s): HHP 3800 Research and Statistical Methods - I or permission of instructor.
(Normally offered each spring semester.)

HHP 3850 Biomechanics and Kinesiology

4 hours

This course integrates physics with human movement to provide understanding of human movement from a kinetic and kinematic perspective. Students will explore and apply these principles to a human movement or exercise of their choice. In the later part of the course, students will be exposed to the detailed structural kinesiology of the musculoskeletal system.
Prerequisite(s): BIO 1090 Human Anatomy and Physiology and junior standing.
(Normally offered each spring semester.)

HHP 4150 Physiology of Exercise

4 hours

This course explores the physiological effects and adaptations of exercise using a system approach. Students will be exposed to the latest research in the field that contributes to our understanding of how the human body is designed for exercise and movement. Practical application of these principles will be explored during class and throughout the laboratory experience. One three-hour lab per week.
Prerequisite(s): BIO 1100 Human Anatomy and Physiology and junior standing.
(Normally offered each fall semester.)

HHP 4220 Sport Finance

3 hours

This course is designed to draw on contemporary examples from marketing, sponsorship, facility construction, and sport law to illustrate the crucial role that money plays in any sport business.
Prerequisite(s): Junior standing.
(Normally offered each spring semester.)

HHP 4250 Exercise Testing and Programming

3 hours

A course designed to provide students with the opportunity for instruction in graded exercise testing as well as other modes of fitness assessment. Students will receive instruction in the art of exercise and wellness programming.
Prerequisite(s): HHP 4150 Physiology of Exercise.
(Normally offered each spring semester.)

HHP 4720 Sport Law II

2 hours

A course designed to expand students' knowledge of the fundamental aspects of the U.S. legal system as presented through the management context of the sport industry. Legal topics will be integrated with management topics to refresh students' knowledge and understanding of key legal topics as well as delve deeper into the analysis and application of fundamental legal principles. Students will also analyze numerous cases that highlight relevant legal issues in sport to enhance critical thinking and problem-solving skills.
Prerequisite(s): HHP 3710 Sport Law 1 and Sophomore standing.
(Normally offered each spring semester.)

HHP 4900 Selected Topics

1-3 hours

A topical course designed to investigate relevant subject matter not included in any standard courses. The title and the content will be determined by current mutual interests of students and faculty. This course may be offered to meet a requirement for a major only by approval of the department chair.

HHP 4910 Directed Readings

1-6 hours

An opportunity for students, under the supervision of a faculty member, to pursue scientific literature not covered in other coursework.

HHP 4950 Independent Study

1-12 hours

An opportunity for a student to engage in advanced, supervised, individual field, lab, or library research. Independent study may not duplicate courses described in the catalog. May be repeated for a maximum of up to 6 credit hours.
Prerequisite(s): Junior standing and approval of the department chair.

HHP 4960 Special Projects

1-15 hours

Supervised individual projects for students on topics selected by the student in consultation with the instructor. Special Projects may not duplicate courses described in the catalog.
Prerequisite(s): Permission of the instructor.

HHP 4970 Internship

1-8 hours

An on-the-job experience oriented toward the student's major interest. The student is to secure a position in an organization that satisfies the mutual interests of the instructor, the sponsor, and the student. May be repeated for a maximum of 6 credit hours.
Prerequisite(s): Junior standing and approval of the supervising faculty member.

HHP 4980 Capstone Seminar in Health and Human Performance

2 hours

A course designed as a capstone experience for students interested in the field of health and human performance. This will be an opportunity for students to examine previous coursework and discuss its practical application to their chosen career. Topics to be covered are: philosophy, cover letter and resume writing, personal statement writing, applications for graduate school and/or

job applications, and interviewing. Students will also assess their undergraduate educational experience including general education major and minor.
Prerequisite(s): Junior or senior standing and a departmental major, or permission of the instructor.
(Normally offered each semester.)

HHP 4990 Senior Assessment and Comprehensive Exam

0 hours

As partial fulfillment of a major in the Health and Human Performance Department, a student must take and pass, with a B or better, a comprehensive examination during his or her senior year. The comprehensive examination is designed to assess critical thinking, knowledge, and application of skills learned.
Prerequisite(s): Senior standing and a departmental major, or permission of the instructor.
(Normally offered each semester.)