

Health & Human Performance (HHPR)

HHPR 101 Scientific Foundations of Health and Wellness 3 Cr.

This course is a comprehensive introduction to the effects physical activity and fitness have on health and wellness, at the individual and community level. Additionally, exercise prescription for health and fitness and the principal of performance exercise prescription are covered. Consideration will be given to the nature of communicable diseases and preventative measures used individually, in schools and community. Offered: Fall, Spring.

HHPR 136 Emergency Care of Injury and I 3 Cr.

Follows the national standards for Advanced First Aid, CPR for Professional Rescuers, and Bloodborne Pathogens. Recognition, care, and temporary treatment of injuries and illness are discussed and the associated skills are practiced. In addition, this course will introduce basic concepts of emergency actions plans and initial injury evaluation. Upon successful completion of the course, students will be awarded national certification cards for: Advanced First Aid, CPR for Professional Rescuers, and Bloodborne Pathogens training. 2 Lecture hours. 2 Lab hours. Offered: Spring.

HHPR 138 Introduction to Health Professions 3 Cr.

Provides students with an introduction to the principles of pharmacology, medical terminology, and documentation used in the care of physically active individuals. Students will have opportunities to explore various careers in the field of healthcare. 3 Lecture hours. Prerequisite: Health Science (HLS) standing. Offered: Fall.

HHPR 139 Health Science Research Methods 3 Cr.

Provides the foundation for understanding basic research methods and the application of research findings to health care. Current literature is used to demonstrate the fundamentals of research design. Focus is on concepts of evidence-based practice with emphasis on forming answerable clinical questions, effective literature search strategies, and evaluation of the strength and relevance of clinical evidence. 3 Lecture hours. Offered: Fall.

HHPR 188 No Norwich Equivalent 6 Cr.

HHPR 199 Pilot Course 1,3 Cr.

A course is permitted to run as a pilot without seeking faculty approval for one academic year. The section will include the title of the course. A student will not earn credit for a pilot course and the course when approved as its own course.

HHPR 200 Foods and Nutrition 4 Cr.

Provides a background in organizational structure and activities that emphasize the physiological basis of nutrition with an analysis of nutritional needs at various age levels. Consideration given to the relationship of nutrition to health and fitness, principles of food selection, metabolism of nutrients, vitamins and minerals, energy balance and obesity, food safety and technology. 3 Lecture hours. 2 Lab hours. Prerequisite: BI 101. Offered: Spring.

HHPR 202 Applications in Exercise Science 3 Cr.

Provides the foundational knowledge and skills required to safely perform and instruct a variety of advanced resistance training and performance training exercise techniques. Applied experience in the form of service learning will enhance course content understanding through real world application of required skills. Emphasis will be placed on safety, cuing, adapting and progressing exercises based on participant needs. An evidence based approach to selecting exercises will be utilized throughout the course. 2 Lecture hours. 2 Lab hours, 1 hour in instruction and 1 hour in service application. Prerequisite: HHPR 101. Restriction: Sophomore 2 or higher. Offered: Spring.

HHPR 205 Exercise and Sport Psychology 3 Cr.

Introduces students to prevalent theories and concepts within the discipline of exercise and sport psychology. Students will consider practical applications in sport, health and fitness industries; will be introduced to basic psychological strategies that can enhance sport and exercise performance and participation. 3 Lecture hours. Prerequisite: PY 211. Offered: Fall.

HHPR 210 Assessment of Injury and Illness 4 Cr.

Building on the assessment principles acquired in SM 138 and SM 220; this course focuses on the techniques necessary to evaluate body systems for injury/illness. 3 Lecture hours. 2 Lab hours. Prerequisites: BI 216. Offered Fall.

HHPR 212 Health Promotion 3 Cr.

Provides students with the knowledge and skills essential for understanding the etiology and prevention of common injuries and illness. Students will learn practical and theoretical skills needed to plan, implement, and evaluate health promotion programs in a variety of settings. Students will gain an understanding of how assessment, public policy, culture, and research impact health promotion planning. 3 Lecture Hours. Prerequisites: PE 163, HE 139. Offered: Fall.

HHPR 214 Clinical Anatomy 3 Cr.

This course is designed to explore musculoskeletal anatomy relating to human performance. Students will be able to identify major anatomical landmarks through palpation and perform range of motion assessments upon completion of the course. 3 Lecture hours. Prerequisite: BI 215, BI 216.

HHPR 223 Motor Skills Development 3 Cr.

This course teaches students to apply principles of best practice to the development and delivery of appropriate instructional programs in individual and elementary activities currently being taught in the public schools e.g. dance, throwing, catching, kicking, and gymnastics. Strong consideration is given to the development of personal performance and skill acquisition in order to more effectively lead practical lessons in school. Students must demonstrate an understanding of, and competence in motor skill acquisition. 4 Lab hours. Offered: Fall.

HHPR 224 Motor Skills Development II 3 Cr.

This course teaches students to apply principles of best practice to the development and delivery of appropriate instructional programs in team, dual, and secondary activities currently being taught in the public schools (e.g. basketball, volleyball, soccer, racquet sports) as well as non-traditional activities, e.g. Indiaka, Takraw, pateka, tchoukball. Consideration is given to the development of personal performance and skill acquisition in order to effectively lead practical lessons in school. Students must demonstrate an understanding of, and competence in motor skill acquisition and physical education pedagogy in the context of public school instruction programs. 4 Lab hours. Offered: Spring.

HHPR 245 Assessment in PE and Sports 3 Cr.

Introduction to construction, evaluation, and interpretation of assessments utilized in K-12 Health and Physical Education. Emphasis is placed on standards-based assessments and analysis of data to inform instruction. Prerequisite: Grade of C or higher for PE majors.

HHPR 256 Fundamentals of Epidemiology 3 Cr.

Covers applications of Epidemiologic methods and procedures to the study of the distribution and determinants of health and diseases, morbidity, injuries, disability, and mortality in populations. Epidemiologic methods for the control of conditions such as infectious and chronic diseases, mental disorders, community and environmental health hazards, and unintentional injuries are discussed. Other topics include quantitative aspects of epidemiology, data sources, measures of morbidity and mortality, evaluation of association and causality, study design, and screening for disease. 3 Lecture hours. Prerequisites: SM 139, MA 232. Offered: Spring.

HHPR 261 Foundations in Health Education 4 Cr.

This course will teach historical development, professional standards, philosophy and program planning, including current best practices in the development, implementation and evaluation of health education programs. It will focus on developing personal and social health skills, including decision making, interpersonal communication, goal setting and self-management skills. Also, this course will integrate teaching students media literacy, personal advocacy, and how to access valid health information, products and services and how to teach this to prospective students. 2 Field experience hours. 3 Lecture hours. Prerequisite: PE 163. Offered: Fall.

HHPR 265 Lifelong Motor Development 3 Cr.

This course studies the sequential, continuous age-related process whereby movement behavior changes. The class will cover information processing theories, theories of motor learning, effects of practice regimens and feedback and biological changes experienced over a lifetime, which affect motor skill acquisition. Understanding lifespan motor development is important for educators at all levels, special education teachers, physical educators, coaches, and adult fitness leaders.

HHPR 271 Outdoor Physical Education I 3 Cr.

This course provides students with a comprehensive background in warm weather Outdoor Physical Education. Skills in trip planning, risk management, equipment selection concerning use and care, and group leadership techniques will be covered. This class will prepare students to recognize the assumption of risk, attractive nuisances, negligence, and the standard of care when facilitating an Outdoor Physical Education program. Students will study and practice principles and protocols for administering safe, high-quality outdoor education experiences in canoeing and kayaking, mountain biking, hiking & backpacking, adventure, etc. Also covered will be topics in animal and wilderness conservation, nutrition, compass use and navigation, and environmental ethics. 2 Lecture hours. 3 Field experience hours. Prerequisite: PE 163, or Permission of Instructor. Offered: Fall.

HHPR 272 Outdoor Physical Education II 3 Cr.**HHPR 288 No Norwich Equivalent 6 Cr.****HHPR 299 Motor Skills Development II 1-3 Cr.**

A Course is permitted to run as a pilot without seeking faculty approval for one academic year. The section will include the title of the course. A student will not earn credit for a pilot course and the course when approved as its own course.

HHPR 301 Physiology of Exercise 4 Cr.

A review of physiological principles of muscular activity with emphasis on the integration of body systems in the performance of exercise and various athletic activities. 3 Lecture hours. 2 Lab hours. Prerequisite: BI 215, BI 216 or Permission of Instructor. Restriction: Grade of C or higher.

HHPR 302 Advanced Physiology of Exercise 2 Cr.

Provides a deeper and expanded look at the exercise physiology knowledge required of today's exercise science professional. Emphasis will be placed on chronic adaptations as well as endocrine, genetic and environmental considerations in exercise. Emerging exercise physiology literature will also be critically evaluated. 2 Lecture hours. Prerequisites: HHPR 301, HHPR 202, HHPR 304. Restriction: Junior or higher. Offered: Fall.

HHPR 304 Applications in Personal Training 4 Cr.

Provides the knowledge and skills required of the National Strength and Conditioning Association Certified Personal Trainer; NSCA-CPT. Applied experience in the form of service learning will enhance course content understanding through real world application of required skills. Emphasis will be placed on evidence based development and safe implementation of exercise programs to help healthy adults accomplish fitness goals within the NSCA-CPT scope of practice. 3 Lecture hours. 2 Lab hours. 1 Hour in instruction and 1 hour in service application. Prerequisite: HHPR 301, HHPR 202. Restriction: Junior or higher. Offered: Fall, Spring.

HHPR 307 Applications in Tactical Strength and Conditioning 3 Cr.

Provides the knowledge and skills required of the National Strength and Conditioning Association Tactical Strength and Conditioning Facilitator; TSAC-F. Applied experience in the form of service learning will enhance course content understanding through real world application of required skills. Emphasis will be placed on evidence based development and safe implementation of exercise programs for military, fire and rescue, law enforcement, protective services and other emergency personnel. 2 Lecture hours. 2 Lab hours; 1 hour in instruction and 1 hour in service application. Prerequisite: HHPR 301, HHPR 202. Restriction: Junior 2 or higher. Offered: Spring.

HHPR 333 Management Sports Facilities 3 Cr.

This course is designed to help prepare students for careers associated with sport facility management. A detailed examination of facility utilization, including safety and security, scheduling, maintenance, and emergencies and emergency response will be applied to a variety of facilities. Additionally, the administration of a facility with special attention to preventative supervision, risk management, facility assessment and design, project planning, and staffing will be examined. Facilities covered will include but not be limited to parks, recreation centers, gymnasiums, aquatic facilities, fitness centers, sports arenas, tennis courts, and golf courses. 3 Lecture hours. Prerequisites: PE 163. Offered: Fall.

HHPR 341 Instructional Strategies for Physical Education in Elementary School 4 Cr.

A course that provides classroom and laboratory experience designed to acquaint the student with basic materials, methods, and principles necessary to meet the educational needs of the elementary school child. Emphasis on curriculum development with consideration given to concepts of movement education and perceptual motor development. Application of movement theory to specific sports skills and activities. Health information protection and student privacy issues are included throughout the course of instruction. 2 Lecture. 3 Lab hours, on site at Barre Town Middle Elementary School.

HHPR 342 Instructional Strategies for Physical Education in Middle-Secondary School 4 Cr.

A course that places emphasis on ethics, principles, procedures, and techniques related to teaching health and physical education in the elementary and secondary schools. Methods of organization, types of programs, and content and materials of health and physical education courses. Laboratory experience provided in traditional and new media, self and peer evaluation, and micro teaching. Health information protection and student privacy issues are reinforced throughout this course. 2 Lecture hours. 3 Lab hours on site at U-32 Jr.- Sr. High School.

HHPR 355 Coaching Leadership in Sports 3 Cr.

A course with a strong focus on the philosophy, ethics, principles, and techniques of coaching individual and team sports. Identifying and addressing the ethical dilemmas pervading our sport organizations today will be emphasized. This course provides an emphasis on the organization of interscholastic athletics in relation to the achievement of education objectives. In addition, students will be prepared for the National Federation of State High School coaching certification. 3 Lecture hours.

HHPR 365 Kinesiology 4 Cr.

A review of the structure and function of the skeletal and muscular systems with special emphasis on an analysis of human motion as related to human performance. 3 Lecture hours. 2 Lab hours. Prerequisite: BI 215, BI 216 or Permission of Instructor. Restriction: Grade of C or higher.

HHPR 375 Adapted Physical Activity 3 Cr.

A study and overview of activities and programs focused on meeting the needs of special populations. Topics include cognitive, neuromuscular, sensory, and orthopedic impairments. Consideration will be given to teaching methodology, including, design and implementation of physical activity programs for individuals with disabilities. This course includes off-campus activities. Prerequisites: PE 341. Offered: Spring.

HHPR 388 No Norwich Equivalent 6 Cr.**HHPR 399 Topics 4 Cr.**

A course is permitted to run as a pilot without seeking faculty approval for one academic year. The section will include the title of the course. A student will not earn credit for a pilot course and the course when approved as its own course.

HHPR 400 Clinical Education in Athletic Training V 4 Cr.

This course provides students the opportunity to integrate clinical proficiencies introduced in prerequisite courses during a supervised practicum in an athletic training setting. Clinical rotation(s) including non-traditional seasons 12 hours/week and clinical proficiency evaluations. Prerequisites: SM 301, PE 371, SM 231, SM 422. Offered: Fall.

HHPR 401 Clinical Education in Athletic Training VI 4 Cr.

This course provides students the opportunity to integrate clinical proficiencies introduced in prerequisite courses during a supervised practicum in an athletic training setting. Clinical rotation(s) 12 hours/week and clinical proficiency evaluations. Prerequisites: SM 400 and SM 439. Offered: Spring.

HHPR 404 Applications in Exercise Testing and Prescription 4 Cr.

Provides the knowledge and skills required of the American College of Sports Medicine Certified Exercise Physiologist; ACSM-EP, in conjunction with HHPR 408 Applications in Clinical Exercise Physiology. Applied experience in the form of service learning will enhance course content understanding through real world application of required skills. Emphasis will be placed on developing safe, evidence based exercise prescriptions for apparently healthy individuals across the age span within the ACSM-EP scope of practice. 3 Lecture hours. 2 Lab hours. 1 hour in instruction and 1 hour in service application. Prerequisites: HHPR 304, HHPR 202. Restrictions: Senior 1 or Permission of Instructor, Exercise Science majors. Offered: Fall.

HHPR 406 Readings in Physical Education 3 Cr.

This course examines the current literature on issues facing future professional educators of an ethical, legal or pedagogical nature. Students are expected to think, read, write and speak critically about these professional issues in the physical education discipline. The submission of a professional portfolio is required. 3 Seminar hours.

HHPR 408 Applications in Clinical Exercise Physiology 4 Cr.

Provides the knowledge and skills required of the American College of Sports Medicine Certified Exercise Physiologist; ACSM-EP, in conjunction with HHPR 408 Applications in Exercise Testing and Prescription. Applied Experience in the form of service learning will enhance course content understanding through real world application of required skills. Emphasis will be placed on establishing an understanding of clinical exercise physiology to develop safe, evidence based exercise prescriptions for clinical populations within the ACSM-EP scope of practice. 3 Lecture hours. 2 Lab hours, 1 hour in instruction and 1 hour in service application. Prerequisite: HHPR 404. Restrictions: Senior 2 or Permission of Instructor, Exercise Science majors. Offered: Spring.

HHPR 410 Applications in Strength and Conditioning 4 Cr.

Provides the knowledge and skills required of the National Strength and Conditioning Association Certified Strength and Conditioning Specialist; CSCS. Applied experience in the form of service learning will enhance course content understanding through real world application of required skills. Emphasis will be placed on evidence based development and safe implementation of strength and conditioning programs to help individual athletes and teams accomplish their performance goals within the CSCS scope of practice. 3 Lecture hours. 2 Lab hours, 1 hour in instruction and 1 hour in service application. Prerequisites: HHPR 202, HHPR 304. Restrictions: Senior 1 or Permission of Instructor, Exercise Science majors. Offered: Fall.

HHPR 412 Advanced Exercise Psychology 3 Cr.

This course involves advanced analysis of the psychosocial aspects of physical activity behavior and the application of theory based evidence to reducing sedentary behavior and improving exercise adherence. It includes practical techniques, tools and interventions (e.g. motivational interviewing) for the health and fitness professional to improve exercise knowledge and motivation among patients and clients. Consideration given to working with individuals, groups, communities and special populations. 3 Lecture hours. Prerequisites: HHPR 205. Offered: Fall.

HHPR 426 Internship 6,12 Cr.

A course designed to provide the Physical Education students with an intern-type experience in a professional setting appropriate to their career goals. A maximum of 12 credits may be applied to the student record. Prerequisites: Junior or higher or Permission of Instructor. Offered: Fall, Spring, Summer.

HHPR 432 Organization and Administration in Physical Education 3 Cr.

A course that emphasizes the study of administrative principles, functional organization, and supervision in relation to the total physical education program in grades K-12 and to managing sports facilities and sports programs. Major topics include personnel, curriculum, legal liability, intramurals, evaluation, budgeting and risk management.

HHPR 439 Leadership & Management in Healthcare 3 Cr.

Focuses on leadership, management, and professional ethics in healthcare. Students will complete a series of organization and administrative projects and papers focused on personal and professional ethics. 3 Lecture hours. Prerequisite: Junior or higher.

HHPR 450 Evidence - Based Healthcare 3 Cr.

A culminating experience in the health science program providing students an opportunity to synthesize, integrate and apply skills and competencies gained through their previous coursework. Students develop an evidence-based research topic or service project in healthcare based on an area of interest, prepare a written review of the existing scientific literature, and present work at the end of the semester. Satisfies general education capstone requirement. 3 Lecture hours. Prerequisites: HE 212, HE 256. Restriction: Junior 2 or higher, Health Science (HLS) standing. Offered: Spring.

HHPR 451 Capstone Experience II 1 Cr.

This course will focus the presentation and evaluation of two evidence-based practice projects from SM 450. 1 Lecture hour. Offered: Spring.

HHPR 460 Emerging Practice Skills 3 Cr.

This course will focus on emerging topics in sports medicine practice. Included in the course will be advanced airway management, advanced wound closure techniques, IV therapy, advanced cardiac examination and advanced immobilization techniques. 2 Lecture hour and 2 Lab hours. Prerequisite: Junior 2 or higher. Athletic Training major. Offered: Spring.

HHPR 488 No Norwich Equivalent 6 Cr.**HHPR 499 Pilot Course 3-6 Cr.**

A course is permitted to run as a pilot without seeking faculty approval for one academic year. The section will include the title of the course. A student will not earn credit for a pilot course and the course when approved as its own course.

HHPR 501 Athletic Training in Healthcare 1 Cr.

Provides the framework of athletic training practice as a member in a healthcare system. Students apply concepts of evidence-based practice, disablement models, and health information technologies in the investigation of Athletic Training within a global health care system. 2 Lecture hours. Prerequisite: MAT students and HS majors on accelerated MAT track. Offered: Fall.

HHPR 502 Musculoskeletal Evaluation and Interventions 4 Cr.

Provides the foundational knowledge and skills required to evaluate the musculoskeletal system as well as select and safely apply therapeutic interventions. Patient evaluations and effectiveness of interventions applied will be documented in electronic medical records. An evidence-based approach to selecting interventions will be utilized throughout the course. 6.5 Lecture hours and 2 Lab hours. Prerequisite: MAT students and HS majors on accelerated MAT track. Offered: Fall.

HHPR 503 Clinical Experience in Athletic Training I 2 Cr.

Focuses on the student's clinical application of knowledge previously learned in didactic courses. Students participate in clinical experience rotations that provide the opportunity for structured observation, and evaluation of clinical competencies/proficiencies under the direct supervision of a Preceptor at the University or an affiliated site. 6 Clinical hours. Prerequisite: MAT students and HS majors on accelerated MAT track. Offered: Fall.

HHPR 504 Advanced Emergency Management 1 Cr.

Focusing on the essential skills required for students to be able to appropriately prevent, plan for, respond to, and manage emergencies in athletic medicine. Topics within the course consist of patient assessment, advanced wound closure, treatment of the equipment-laden athlete, environmental emergencies, and implementing emergency action plans. Inter-professional communication and care will be emphasized throughout. 2 Lecture hours. Prerequisite: MAT students and HS majors on accelerated MAT track. Offered: Fall.

HHPR 505 Care of Orthopedic Injuries 4 Cr.

Explores injuries and conditions affecting the lumbar spine and lower extremity. Students incorporate concepts in evidence-based practice, health information technology, and musculoskeletal evaluation and apply them specifically to lumbar and lower extremity pathologies in formulating a plan of care. 6.5 Lecture hours and 2 Lab hours. Prerequisite: MAT students and HS majors on accelerated MAT track. Offered: Fall.

HHPR 506 Therapeutic Interventions 3 Cr.

Investigates technological and other mechanical agents that may be implemented in patient care that facilitate recovery from injury and promote overall improved health. Students select, and gain experience using, current biometric measurement tools to track health, physical modalities to promote the healing environment, and hands-on clinical skills that may facilitate a patient's recovery. 2 Lecture hours. 1 Lab hour. Prerequisite: MAT students and HS majors on accelerated MAT track. Offered: Fall.

HHPR 507 Care of Orthopedic Injuries II 4 Cr.

Explores injuries and conditions that may affect the cervical spine, thoracic spine, and upper extremity. Students incorporate concepts in evidence-based practice, health information technology, and musculoskeletal evaluation and apply them specifically to spine and upper extremity pathologies in formulating a plan of care. 3 Lecture hours. 1 Lab hour. Prerequisite: HE 505. MAT students and HS majors on accelerated MAT track. Offered: Spring.

HHPR 508 Therapeutic Interventions II 4 Cr.

Investigates the application of various therapeutic activities implemented in order to aid in patient recovery from injury and restoration of function. Students select and gain experience using current techniques for describing dysfunction as well as various techniques for improving patient's mobility, strength, and activity performance in order to facilitate a patient's recovery. 3 Lecture hours. 1 Lab hour. Prerequisite: HE 506. MAT students and HS majors on accelerated MAT track. Offered: Spring.

HHPR 509 Clinical Experience in Athletic Training II 3 Cr.

Focuses on the student's clinical application of knowledge previously learned in didactic courses. Students participate in clinical experience rotations that provide the opportunity for hands-on application, demonstration, and evaluation of clinical competencies/proficiencies under the direct supervision of a Preceptor at the University or an affiliated site. 9 Clinical hours. Prerequisite: HE 503, HE 501, HE 502, HE 504, HE 505, HE 506. MAT students and HS majors on accelerated MAT track. Offered: Spring.

HHPR 510 Simulation in Athletic Training I 1 Cr.

Students perform clinical testing in a laboratory setting with the course instructor that re-evaluates students' psychomotor and critical thinking skills through mock patient interaction during scenario-based simulations. 1 Practicum hour. Prerequisite: HE 503, HE 501, HE 502, HE 504, HE 505, HE 506. Graduate studies in Athletic Training; MAT students and HS majors on accelerated MAT track. Offered: Spring.

HHPR 588 No Norwich Equivalent 6 Cr.**HHPR 601 Medical Conditions in Athletic Training 1 3 Cr.**

Students investigate pathologies that are common in physically active individuals by applying prior knowledge of the evaluation process as well as perform and interpret appropriate diagnostic testing necessary in the evaluation, and management of acute and chronic medical conditions affecting physical health. Body systems examined include the nervous system, cardiovascular system, respiratory system, eyes, ears, nose, and throat. 3 Lecture hours. 1 Lab hour. Prerequisite: HE 504, HE 502. Graduate Studies in Athletic Training. Offered: Summer.

HHPR 602 Medical Conditions in Athletic Training II 3 Cr.

Students investigate pathologies that are common in physically active individuals by applying prior knowledge of the evaluation process as well as perform and interpret appropriate diagnostic testing necessary in the evaluation, and management of acute and chronic medical conditions affecting physical and mental health. Body systems examined include the gastrointestinal, renal, genitourinary, endocrine, and immune systems. Students also critically examine the role of mental health in athletic training. 3 Lecture hours. 1 Lab hour. Prerequisite: HE 504, HE 502. Graduate Studies in Athletic Training. Grade of B or higher to progress in the program. Offered: Summer.

HHPR 603 Clinical Experience in Athletic Training III 2 Cr.

Focuses on the student's clinical application of knowledge previously learned in didactic courses. Students participate in a clinical experience rotation that provides the opportunity for hands-on application, demonstration, and evaluation of clinical competencies/proficiencies under the direct supervision of a Preceptor at the University or an affiliated site. 32 Clinical hours. Prerequisite: HE 509, HE 510, HE 508, HE 601. Graduate Studies in Athletic Training. Offered: Summer.

HHPR 604 Clinical Experience in Athletic Training IV 5 Cr.

Focuses on the student's clinical application of knowledge previously learned in didactic courses. Students participate in a clinical experience rotation that provides the opportunity for hands-on application, demonstration, and evaluation of clinical competencies/proficiencies under the direct supervision of a Preceptor at the University or an affiliated site. 32 Clinical hours. Prerequisite: HE 603. Graduate studies in Athletic Training. Offered: Fall.

HHPR 605 Administration in Athletic Training 2 Cr.

Emphasis is placed on the development and critical analysis of policies and procedures guiding clinical practice and management of athletic training facilities in order to provide patient-centered care to a variety of populations. 2 Lecture hours. Prerequisite: HE 602. Graduate Studies in Athletic Training. Offered: Fall.

HHPR 606 Injury and Disease Prevention 3 Cr.

Investigates the prevalence of common diseases and health conditions in athletic and physically active populations. Students evaluate patients, select interventions, and provide education in order to prevent or minimize the effects of chronic health disorders, prevent injury, and improve sports performance. 5 Lecture hours. 2 Lab hours. Prerequisite: HE 502, HE 602. Graduate Studies in Athletic Training. Offered: Fall.

HHPR 607 Simulation in Athletic Training II 1 Cr.

Students perform clinical testing in a laboratory setting with the course instructor that re-evaluates students' psychomotor and critical thinking skills through mock patient interaction during scenario-based simulations. 2 Lab hours. Prerequisite: HE 508, HE 602, HE 507. Graduate studies in Athletic Training. Offered: Fall.

HHPR 608 Leadership and Professional Advancement 3 Cr.

Examines professional regulatory agencies in the field of Athletic Training to provide context for how the profession may be advanced. Students learn different leadership styles that will be applied in a service-oriented project promoting the profession of Athletic Training. 3 Lecture hours. Prerequisite: HE 605. Graduate studies in Athletic Training. Offered: Spring.

HHPR 609 Simulation in Athletic Training III 1 Cr.

Students perform clinical testing in a laboratory setting where students' patient interaction, psychomotor, and critical application skills are re-evaluated. Testing reinforces material from the previous semester, and includes skills in musculoskeletal evaluation of the lower extremity and emergency care. 2 Lab hours. Prerequisite: HE 605, HE 606, HE 607. Grade of B or higher. Graduate Studies in Athletic Training. Offered: Spring.

HHPR 610 Clinical Experience in Athletic Training V 3 Cr.

This course focuses on the student's clinical application of knowledge previously learned in didactic courses. The student will participate in clinical experience rotations that provide the opportunity for hands-on application, demonstration, and evaluation of clinical competencies/proficiencies under the direct supervision of a Preceptor at the University or an affiliated site. 9 Clinical hours. Prerequisite: HE 603, HE 605, HE 606. Graduate studies in Athletic Training. Offered: Spring.

HHPR 611 Seminar in Athletic Training 3 Cr.

Focuses on advanced skills related to leadership in sports medicine and addresses current "hot topics" pertinent to athletic training practice. 3 Lecture hours. Prerequisite: HE 605. Graduate Studies in Athletic Training. Offered: Spring.

HHPR 688 No Norwich Equivalent 6 Cr.