

course is a study of the origin, mechanics, and effectiveness of human motion.

EXPH 382 EXERCISE PHYSIOLOGY OF SPECIAL POPULATIONS (3) *Prerequisites: EXP 340, EXP 325.* This course involves the study of the origin of several cardiovascular and metabolic diseases, the limitations that these diseases place on a person's lifestyle, and the role of exercise in prevention, diagnosis, and treatment of disease.

EXPH 397 INDEPENDENT STUDY IN EXERCISE PHYSIOLOGY (1-3) *Prerequisites: Approval of faculty sponsor and school dean; junior or senior standing.* This course provides students the opportunity to pursue individual study of topics not covered in other available courses. The area for investigation is developed in consultation with a faculty sponsor and credit is dependent on the nature of the work. May be repeated for no more than six credits.

EXPH 398 SPECIAL TOPICS IN EXERCISE PHYSIOLOGY (1-3) **[credit depends on topic]** *Prerequisites: A background of work in the discipline or prior consent of instructor.* This course will focus on an aspect of the discipline not otherwise covered by the regularly offered courses. The topic will vary according to professor and term; consequently, more than one may be taken by a student during his/her matriculation.

EXPH 415 INTERNSHIP IN EXERCISE PHYSIOLOGY (1-12) *Prerequisites: Juniors or seniors with a 2.25 minimum QPA; approval of written proposal by internship coordinator, and supervising faculty prior to registration.* This course offers a professional internship with an appropriate health fitness organization/program. The student and faculty sponsor agree on the location and responsibilities of the intern. The number of credits depends on the number of hours involved. (See "Internships.")

EXPH 425 HEALTH AND FITNESS EVALUATION AND PROGRAMMING (3) *Prerequisites: EXP 340, EXP 325.* This course involves a review of basic exercise testing and programming for healthy populations. Emphasis is placed upon practical fitness assessment and individualized exercise programming for effective change. The course is the foundation for the American College of Sports Medicine Certification for Health and Fitness.

EXPH 450 ADVANCED ISSUES AND RESEARCH IN EXERCISE PHYSIOLOGY (3) *Prerequisite: EXP 325; Pre- or Co-requisite: MATH 222.* This capstone course is designed to familiarize students with current issues in exercise physiology and to acquaint them with research in exercise physiology. Students will be expected to integrate knowledge obtained from prior courses to discuss and write on many issues and research topics in exercise physiology.