

**The following is an addendum to the *Campbell University Undergraduate Studies Bulletin 2011-2013*. This curricular change which was approved by the University Curriculum Committee on May 8, 2012 became effective immediately:**

## **Exercise Science**

The summarized course requirements for the Athletic Training Major are as follows:

### **Athletic Training Major (CIP 51.0913)**

EXER 134, 201, 205, 206, 221, 252, 253, 301, 302, 312, 313, 314, 317, 318, 319, 320, 321, 324, 325, 405, 406, 412, 427, 433, 434; BIOL 220, 223. EXER 252, 205, 206, 301, 302, 405, and 406 are clinical field experience courses, which may require students to arrange for transportation to and from the clinical site. EXER 301 and EXER 405 include field experiences with fall athletic teams, which require students to return to campus before the start date identified on the University academic calendar for the fall semester. See the Athletic Training Education Program Director for pre-requisites and other requirements.

### **205 Clinical Field Experiences in Athletic Training I (1)**

A minimum of 40 hours of supervised clinical field experiences, supplemented with additional instruction within the field of Athletic Training, for 1 semester hour of credit. Clinical field experiences provide the student with opportunities for practice and application of the Entry Level Athletic Training Clinical Proficiencies in a clinical environment under the supervision of a clinical professional. Should be taken concurrently with EXER 312 and EXER 317. Prerequisite/corequisite: BIOL 220; acceptance into the professional component of the Athletic Training Education Program. Fall.

### **206 Clinical Field Experiences in Athletic Training II (1)**

A minimum of 40 hours of supervised clinical field experiences, supplemented with additional instruction within the field of Athletic Training, for 1 semester hour of credit. Clinical field experiences provide the student with opportunities for practice and application of the Entry Level Athletic Training Clinical Proficiencies in a clinical environment under the supervision of a clinical professional. Should be taken concurrently with EXER 313 and EXER 318. Prerequisite/corequisite: BIOL 220, 223; acceptance into the professional component of the Athletic Training Education Program. Spring.

### **252 Introduction to Athletic Training (4)**

Provides an introduction to the concepts, skills, and techniques used in the prevention and care of common athletic injuries. An emphasis on developing problem solving skills that will foster the ability of students to learn the signs and symptoms of common athletic injuries and be able to apply emergency first aid care while following administrative procedures. The course includes 40 hours of clinical observation, which must be satisfactorily completed prior to admission to the professional phase of the Athletic Training Education Program. Prerequisite/corequisite: BIOL 111. Spring.

### **253 Taping and Wrapping Techniques (3)**

Provides a basic knowledge of the techniques used to prevent an injury or support a body part after an injury. Other topics will include splinting, bracing, casting techniques and pad fabrication. Hands-on practical experience emphasized in laboratory sessions.

Prerequisite/corequisite: BIOL 220; acceptance into the professional component of the Athletic Training Education Program.

**301 Clinical Field Experiences in Athletic Training III (2)**

A minimum of 80 hours of supervised clinical field experiences, supplemented with additional instruction within the field of Athletic Training, for 2 semester hours of credit. Clinical field experiences provide the student with opportunities for practice and application of the Entry Level Athletic Training Clinical Proficiencies in a clinical environment under the supervision of a clinical professional. Should be taken concurrently with EXER 319 and EXER 427. Prerequisite: BIOL 220, 223; acceptance into the professional component of the Athletic Training Education Program. Fall.

**302 Clinical Field Experiences in Athletic Training IV (2)**

A minimum of 80 hours of supervised clinical field experiences, supplemented with additional instruction within the field of Athletic Training, for 2 semester hours of credit. Clinical field experiences provide the student with opportunities for practice and application of the Entry Level Athletic Training Clinical Proficiencies in a clinical environment under the supervision of a clinical professional. Should be taken concurrently with EXER 314 and EXER 320. Prerequisite: BIOL 220, 223; acceptance into the professional component of the Athletic Training Education Program. Spring.

**312 Lower Extremity Evaluation and Assessment (3)**

Theory and practice combine to provide a realistic approach to orthopedic joint evaluation and assessment. Lower extremity joints are investigated. Provides information needed to recognize, test, and assess orthopedic conditions. Should be taken concurrently with EXER 205 and EXER 317. Prerequisite/corequisite: BIOL 220; acceptance into the professional component of the Athletic Training Education Program. Fall.

**313 Upper Extremity Evaluation and Assessment (3)**

Theory and practice combine to provide a realistic approach to orthopedic joint evaluation and assessment of the upper extremity joints, including the abdomen and thorax. Provides information needed to recognize, test, and assess orthopedic conditions. Should be taken concurrently with EXER 206 and EXER 318. Prerequisite/corequisite: BIOL 220, 223; acceptance into the professional component of the Athletic Training Education Program. Spring.

**314 Therapeutic Exercise (3)**

Discusses the principles and techniques of rehabilitation, conditioning, and the return of individuals to sport. The therapeutic techniques will encompass scientific/physiological rationales, selection criteria, indications/contraindications, and clinical applications. Should be taken concurrently with EXER 302 and EXER 320. Prerequisite: BIOL 220, 223; acceptance into the professional component of the Athletic Training Education Program. Spring.

**317 Clinical Practice I (1 credit hour)**

Designed for practice and evaluation of specific psychomotor competencies and clinical proficiencies established by the National Athletic Trainers' Association Education Council. Focuses on competencies and proficiencies related to orthopedic joint evaluation and assessment of the lower extremities. Should be taken concurrently with EXER 205 and EXER 312. Prerequisite/corequisite: BIOL 220; acceptance into the professional component of the Athletic Training Education Program. Fall.

**318 Clinical Practice II (1 credit hour)**

Designed for practice and evaluation of specific psychomotor competencies and clinical proficiencies established by the National Athletic Trainers' Association Education Council. Focuses on competencies and proficiencies related to orthopedic joint evaluation and assessment of the upper extremities, including the abdomen and thorax. Should be taken concurrently with EXER 206 and EXER 313. Prerequisite/corequisite: BIOL 220, 223; acceptance into the professional component of the Athletic Training Education Program. Spring.

**319 Clinical Practice III (1 credit hour)**

Designed for practice and evaluation of specific psychomotor competencies and clinical proficiencies established by the National Athletic Trainers' Association Education Council. Focuses on competencies and proficiencies related to therapeutic modalities and treatment of orthopaedic and general medical conditions. Should be taken concurrently with EXER 301 and EXER 427. Prerequisite: BIOL 220, 223; acceptance into the professional component of the Athletic Training Education Program. Fall.

**320 Clinical Practice IV (1 credit hour)**

Designed for practice and evaluation of specific psychomotor competencies and clinical proficiencies established by the National Athletic Trainers' Association Education Council. Focuses on competencies and proficiencies related to therapeutic exercise; techniques of rehabilitation, conditioning, and the return of individuals to sport. Should be taken concurrently with EXER 306 and EXER 314. Prerequisite: BIOL 220, 223; acceptance into the professional component of the Athletic Training Education Program. Spring.

**405 Clinical Field Experiences in Athletic Training V (3)**

A minimum of 120 hours of supervised clinical field experiences, supplemented with additional instruction within the field of Athletic Training, for 3 semester hours of credit. Clinical field experiences provide the student with opportunities for practice and application of the Entry Level Athletic Training Clinical Proficiencies in a clinical environment under the supervision of a clinical professional. Should be taken concurrently with EXER 412. Prerequisite: BIOL 220, 223; acceptance into the professional component of the Athletic Training Education Program. Fall.

**406 Clinical Field Experiences in Athletic Training IV (4)**

A minimum of 160 hours of supervised clinical field experiences, supplemented with additional instruction within the field of Athletic Training, for 4 semester hours of credit. Clinical field experiences provide the student with opportunities for practice and application of the Entry Level Athletic Training Clinical Proficiencies in a clinical environment under the supervision of a clinical professional. Should be taken concurrently with EXER 434. Prerequisite: BIOL 220, 223; acceptance into the professional component of the Athletic Training Education Program. Spring.

**412 Medical Conditions and Topics in Athletics (3)**

Provides an overview of non-orthopedic medical conditions that may affect athletic participation. Should be taken concurrently with EXER 405. Prerequisite: BIOL 220, 223; acceptance into the professional component of the Athletic Training Education Program. Fall.

**427 Modalities of Therapy (3)**

Examines the development of comprehensive treatment strategies for orthopaedic and general medical conditions. Topics include scientific and physiological rationales, modality selection criteria, indications/contraindications, and clinical applications of therapeutic modalities. Should be taken concurrently with EXER 301 and EXER 319. Prerequisite: BIOL 220, 223; acceptance into the professional component of the Athletic Training Education Program. Fall.

**433 Administration of Athletic Training Programs (3)**

Studies the standards, policies, procedures and problems of managing athletic training programs. Topics include health care administration, professional development, legal liability, and insurance standards and practice. Prerequisite: Senior standing in the Athletic Training Education Program. Spring.

**434 Athletic Training Senior Seminar (1)**

This course provides the student with information, practice exams, comprehensive review and counseling pertinent to professional careers in athletic training and sports medicine. Should be taken concurrently with EXER 406. Prerequisite: Senior standing in the Athletic Training Education. Spring.