

# UNIVERSITY OF ARKANSAS

Department of Health Science, Kinesiology, Recreation, and Dance

## **KINESIOLOGY CONCENTRATION II: Exercise Science-Exercise Physiology/Biomechanics** **(124 Hours)**

### **KINESIOLOGY CORE** (9 hours)

- \_\_\_\_\_ KINS 2223 Motor Development
- \_\_\_\_\_ KINS 3153 Exercise Physiology \*\*/▲ (f, sum)
- \_\_\_\_\_ KINS 3353 Mechanics of Human Mvmt \*\*/▲

### **EXERCISE SCIENCE** (15 hours)

- \_\_\_\_\_ KINS 2733 Seminar in Exercise Science \*\* (f)
- \_\_\_\_\_ KINS 3533 Laboratory Technique \*\*/▲
- \_\_\_\_\_ KINS 4833 Exer Apps for Spec Pop \*\* (f)
- \_\_\_\_\_ KINS 4323 Analytical Basis of Mvmt \*\* (sp)
- \_\_\_\_\_ KINS 405V Independent Study **or**
- \_\_\_\_\_ KINS 4903 Internship \*\*

### **HEALTH SCIENCE/FITNESS** (3 hours)

- \_\_\_\_\_ HLSC 1002 Wellness Concepts
- \_\_\_\_\_ PEAC 1621 Fitness Concepts

### **HUMAN ENVIRONMENTAL SCIENCE** (3 hours)

- \_\_\_\_\_ HESC 1213 Nutrition in Health

### **MEDIA/COMPUTER** (3 hours)

- \_\_\_\_\_ 3 Hr. Advisor Approved Course  
(recommend ETEC 2001/2002L)

### **PSYCHOLOGY** (3 hours)

- \_\_\_\_\_ PSYC 4183 Behavioral Neuroscience \*\* (f)

### **BIOLOGICAL SCIENCES** (12 hours)

- \_\_\_\_\_ BIOL 1543 Principles of Biol \*/\*\*
- \_\_\_\_\_ BIOL 1541L Principles of Biol Lab \*/\*\*
- \_\_\_\_\_ BIOL 2443 Human Anatomy \*/\*\*
- \_\_\_\_\_ BIOL 2441L Human Anatomy Lab \*/\*\*
- \_\_\_\_\_ BIOL 2213 Human Physiology \*/\*\*
- \_\_\_\_\_ BIOL 2211L Human Physiology Lab \*/\*\*

### **COUNSELOR EDUCATION** (3 hours)

- \_\_\_\_\_ CNED 3053 The Helping Relationship \*\*

### **PHYSICS** (8 hours)

- \_\_\_\_\_ PHYS 2013 College Physics I \*/\*\* (f)
- \_\_\_\_\_ PHYS 2011L College Physics I Lab \*/\*\*
- \_\_\_\_\_ PHYS 2033 College Physics II \*/\*\* (sp)
- \_\_\_\_\_ PHYS 2031L College Physics II Lab \*/\*\*

\* Meets University Core Requirements  
(2007-08 Catalog of Studies)

\*\* Prerequisites/corequisites exist for this course: it is the student's responsibility to check the current prerequisites/corequisites found in the course description sections of the 2007-08 Catalog of Studies.

### **ENGLISH** (9-12 hours)

- \_\_\_\_\_ ENGL 1013 Composition I \*/\*\*
- \_\_\_\_\_ ENGL 1023 Composition II \*/\*\*
- \_\_\_\_\_ ENGL 2003 Adv. Comp \*/\*\* (if not exempt)
- \_\_\_\_\_ 3 Hr. Literature Elective

### **COMMUNICATION** (3 hours)

- \_\_\_\_\_ COMM 1313 Fund of Communication

### **SOCIAL SCIENCES** (12 hours)

- \_\_\_\_\_ HIST 2003 \* **or** HIST 2013 \* **or** PLSC 2003 \*
  - \_\_\_\_\_ PSYC 2003 General Psychology \*
  - \_\_\_\_\_ WCIV 1003 **or** WCIV 1013 (suggested) \*
  - \_\_\_\_\_ 3 Hr. University Core Social Science Elective \*
- (Refer to Catalog of Studies for University Core)  
(Many professional schools require WCIV 1003 & 1013)

### **FINE ARTS/HUMANITIES** (6 hours)

- \_\_\_\_\_ 3 Hr. University Fine Arts/HUMN Elective \*
  - \_\_\_\_\_ 3 Hr. University Fine Arts/HUMN Elective \*
- (Refer to Catalog of Studies for University Core)

### **MATHEMATICS** (3 hours)

- \_\_\_\_\_ MATH 2043 Survey of Calculus \*\*

### **STATISTICS** (3 hours)

- \_\_\_\_\_ PSYC 2013 Intro Stat for Psyc \*\*
- (SOCI 3303\*\*) or Advisor Approved

### **CHEMISTRY** (15 hours)

- \_\_\_\_\_ CHEM 1103 University Chemistry I \*/\*\*
- \_\_\_\_\_ CHEM 1101L Univ. Chem. I Lab \*/\*\*
- \_\_\_\_\_ CHEM 1123 Univ. Chem. II \*/\*\*
- \_\_\_\_\_ CHEM 1121L Univ. Chem. II Lab \*/\*\* ,
- \_\_\_\_\_ CHEM 2613 Organic Phys Chem. \*\*
- \_\_\_\_\_ CHEM 2611L Organic Phys Chem. Lab \*\*
- \_\_\_\_\_ CHEM 3813 Intro Biochemistry \*\* (f)
- \_\_\_\_\_ CHEM 3813 Intro Biochemistry \*\* (f)

### **ELECTIVES** (11-14 hours)

- \_\_\_\_\_ Advisor approved electives
- \_\_\_\_\_
- \_\_\_\_\_

(f) = fall semester (sp) = spring semester (sum) = summer semester

▲ Students must earn a grade of "C" or better in this course