

College of Education and Health Professions  
 2008 Kinesiology Concentration II - Pre-Professional Science  
 124 hours  
**University Core Requirements**

**English (0-9 hours)**  
 \_\_\_\_ ENGL 1013 Composition I  
 \_\_\_\_ ENGL 1023 Composition II  
 \_\_\_\_ ENGL 2003 Advanced Composition  
**or**  
 \_\_\_\_ ENGL 2013 Essay Writing

**Social Sciences (9 hours)**  
 \_\_\_\_ PSYC 2003 General Psychology  
 \_\_\_\_ HIST 1003 or 1013 (suggested)\*\*  
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**Sciences (8 hours)**  
 \_\_\_\_ BIOL 1543 Principles of Biology  
 \_\_\_\_ BIOL 1541L Laboratory  
 \_\_\_\_ CHEM 1103 Univ. Chemistry I  
 \_\_\_\_ CHEM 1101L Laboratory

**Math (3-4 hours)**  
 \_\_\_\_ MATH 2043C Survey of Calculus† **or**  
 \_\_\_\_ MATH 2554C Calculus I (**required for pre-med**)  
 †Does not count as prerequisite for Physics

**U.S. History (3 hours)**  
 \_\_\_\_ HIST 2003 U.S. History to 1877 **or**  
 \_\_\_\_ HIST 2013 U.S. History since 1877  
**or**  
 \_\_\_\_ PLSC 2003 American National Government

**Fine Arts/Humanities (6 hours)**  
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**Major Requirements**

**Literature (3 hours)**  
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**Human Environmental Science (3 hours)**  
 \_\_\_\_ HESC 1213 Nutrition in Health

**Communications (3 hours)**  
 \_\_\_\_ COMM 1313 Fundamentals of Communication

**Counselor Education (3 hours)**  
 \_\_\_\_ CNED 3053 The Helping Relationship

**Health Science & Fitness (3 hours)**  
 \_\_\_\_ HLSC 1002 Wellness Concepts  
 \_\_\_\_ PEAC 1621 Fitness Concepts

**Statistics (3 hours chosen from below or advisor approved)**  
 \_\_\_\_ PSYC 2013 Intro Statistics  
 \_\_\_\_ STAT 2303 Principles of Stats  
 \_\_\_\_ SOCI 3303 Social Data & Analy.  
 \_\_\_\_ Advisor Approved Stat Course

**Computer (3 hours)**  
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**Psychology (3 hours)**  
 \_\_\_\_ PSYC 3023 Abnormal Psychology

**Sciences (32 hours)**  
 \_\_\_\_ BIOL 2443 Human Anatomy  
 \_\_\_\_ BIOL 2441L Laboratory  
 \_\_\_\_ BIOL 2213 Human Physiology  
 \_\_\_\_ BIOL 2211L Laboratory  
 \_\_\_\_ BIOL 2013 General Microbiology  
 \_\_\_\_ BIOL 2011L Laboratory  
 \_\_\_\_ CHEM 1123 University Chem. II  
 \_\_\_\_ CHEM 1121L Laboratory  
 \_\_\_\_ CHEM 2613 Organic Phys. Chem.  
 \_\_\_\_ CHEM 2611L Laboratory **OR**  
 \_\_\_\_ CHEM 3603 Organic Chemistry I  
 \_\_\_\_ CHEM 3601L Laboratory  
 \_\_\_\_ PHYS 2013 College Physics I  
 \_\_\_\_ PHYS 2011L Laboratory  
 \_\_\_\_ PHYS 2033 College Physics II  
 \_\_\_\_ PHYS 2031L Laboratory

**Electives (9-13 hours chosen from below or advisor approved—see box at right)**  
 \_\_\_\_ CHEM 3613 Organic Chemistry II  
 \_\_\_\_ CHEM 3611L Laboratory  
 \_\_\_\_ CHEM 3813 Intro to Biochem  
 \_\_\_\_ BIOL 2323 General Genetics  
 \_\_\_\_ BIOL 2321L Laboratory  
 \_\_\_\_ HLSC 2662 Term for Health Prof.  
 \_\_\_\_ ENGL 3053 Technical Writing  
 \_\_\_\_ HESC 2203 Nutrition for Ex & Sp  
 \_\_\_\_ PSYC 4183 Beh. Neuroscience

**Kinesiology Pre-Professional Science**

**KINS Core Requirements (9 hours)**  
 \_\_\_\_ KINS 2223 Motor Development  
 \_\_\_\_ KINS 3153 Exercise Physiology\*  
 \_\_\_\_ KINS 3353 Mechanics of Human Mvt\*  
**Exercise Science (15 hours)**  
 \_\_\_\_ KINS 2733 Seminar in Ex. Science  
 \_\_\_\_ KINS 3533 Laboratory Techniques\*  
 \_\_\_\_ KINS 4323 Analytical Basis of Movement  
 \_\_\_\_ KINS 4833 Exer Apps for Spec Pop  
 \_\_\_\_ KINS 4903 Internship **OR**  
 \_\_\_\_ KINS 405V Independent Study

\*Students must earn a grade of "C" or better in this course.

\*\*Students should be familiar with the prerequisites for their professional school of choice. (i.e. PT school, Med School).

Prerequisites and corequisites exist for several courses. It is the student's responsibility to check the course description

**Advisor Approved Electives (if not selected from list at left).**  
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