Bachelor of Science Degree in Kinesiology with a Specialization in Athletic Medicine

This program provides students with the opportunity to pursue a Bachelor of Science degree in Kinesiology. Students are prepared for careers in exercise science or teaching physical education (pre-kindergarten–12). All degree core and designated electives must be completed with a grade of “C” or better.

Academic advising for students seeking the Kinesiology degree is available in the College of Education and Human Development Advising and Certification Center.

The minimum number of semester credit hours for this degree, including the Core Curriculum requirements, is 120, of which at least 39 must be at the upper-division level.

Core Curriculum requirements: Students seeking the Bachelor of Science degree in Kinesiology must fulfill University Core Curriculum requirements. The courses listed in the table below satisfy both degree requirements and Core Curriculum requirements. For a complete listing of courses that satisfy the Core Curriculum requirements, see pages 5–9 of this catalog.

<table>
<thead>
<tr>
<th>Core Curriculum Component Area</th>
<th>Courses that Satisfy Core Curriculum and Degree Requirements</th>
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</table>
| Communications                                          | **English Rhetoric/Composition** (6 semester credit hours)  
All students must take the following six hours to meet this core requirement:  
WRC 1013 Freshman Composition I  
WRC 1023 Freshman Composition II  |
| Mathematics                                              | **Mathematics** (3 semester credit hours)  
STA 1053 Basic Statistics (required)  |
| Natural Sciences                                         | **Science** (6 semester credit hours)  
BIO 1404 Biosciences I (required) and any additional three hours listed under the Level Two section in the list of core courses will satisfy this core requirement (BIO 1413 Biosciences II recommended for Athletic Medicine Specialization).  |
| Humanities & Visual and Performing Arts                 | **Literature** (3 semester credit hours)  
Any three hours listed under this section in the list of core courses will satisfy this core requirement.  
**The Arts** (3 semester credit hours)  
Any three hours listed under this section in the list of core courses will satisfy this core requirement.  |
| Social and Behavioral Sciences                          | **United States History and Diversity** (6 semester credit hours)  
Any six hours listed under this section in the list of core courses will satisfy this core requirement.  
**Political Science** (6 semester credit hours)  
POL 1013 Introduction to American Politics, plus three additional hours listed under this section in the list of core courses will satisfy this core requirement.  
**Social and Behavioral Science** (3 semester credit hours)  
Any three hours listed under this section in the list of core courses will satisfy this core requirement (SOC 1013 Introduction to Sociology recommended for Athletic Medicine Specialization).  
**Economics** (3 semester credit hours)  
Any three hours listed under this section in the list of core courses will satisfy this core requirement.  |
Core Curriculum Component Area | Courses that Satisfy Core Curriculum and Degree Requirements
---|---
World Society and Issues | (3 semester credit hours)

Any three hours listed under this section in the list of core courses will satisfy this core requirement.

Degree Core Requirements (15 semester credit hours)

KIN 2003 Computer Applications in Kinesiology and Health
KIN 2123 Fitness and Wellness Concepts
KIN 2303 Cultural and Scientific Foundations
KIN 3313 Anatomy and Physiology for Kinesiology
KIN 4403 Motor Learning

Designated Electives (69–75 semester credit hours)

Students must select 69–75 semester credit hours of coursework that constitute a coherent, focused plan of study. This plan of study must be approved by the COEHD Advising and Certification Center. The center is also available for assistance in course selection and plan development. Students are encouraged to establish an approved plan of study as early in the program as possible. The department has given pre-approval to the following plans of study for specializations in athletic medicine, exercise science and wellness, and physical education.

A. Specialization in Athletic Medicine (75 semester credit hours)

BIO 1122 Laboratory Investigations in Biology
BIO 1404 Biosciences I
BIO 1413 Biosciences II
BIO 2111 Human Physiology Laboratory
BIO 3123 Comparative Vertebrate Anatomy
BIO 3153 Physiology of Human Systems
CHE 1103 General Chemistry I
CHE 1113 General Chemistry II
CHE 1122 General Chemistry I Laboratory
COM 1043 Introduction to Communication
KIN 3303 Athletic Injuries and Training Procedures
KIN 3323 Biomechanics
KIN 3433 Exercise Physiology
KIN 4143 Advanced Athletic Training
KIN 4243 Musculoskeletal Rehabilitation
KIN 4253 Exercise Nutrition
KIN 4936 Internship in Kinesiology
MAT 1023 College Algebra with Applications
PHY 1603 Algebra-based Physics I
PHY 1611 Algebra-based Physics I Laboratory
PHY 1623 Algebra-based Physics II
PHY 1631 Algebra-based Physics II Laboratory
PSY 1013 Introduction to Psychology
PSY 2503 Developmental Psychology
SOC 1013 Introduction to Sociology
STA 1053 Basic Statistics

and 1 hour elective
### Recommended Course Sequence for Athletic Medicine Specialization

<table>
<thead>
<tr>
<th>Year 1 – Fall (15 credit hours)</th>
<th>Year 1 – Spring (15 credit hours)</th>
<th>Year 2 – Fall (17 credit hours)</th>
<th>Year 2 – Spring (17 credit hours)</th>
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<tr>
<td>WRC 1013</td>
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<td>History</td>
<td>Political Science</td>
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<td>STA 1053</td>
<td>BIO 1413</td>
<td>BIO 2111</td>
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<td>KIN 2303</td>
<td>WRC 1023</td>
<td>CHE 1103/1122</td>
<td>BIO 3153</td>
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<td>PSY 2503</td>
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<tr>
<td>Year 3 – Fall (16 credit hours)</td>
<td>Year 3 – Spring (16 credit hours)</td>
<td>Year 4 – Fall (15 credit hours)</td>
<td>Year 4 – Spring (9 credit hours)</td>
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<td>KIN 3323</td>
<td>The Arts</td>
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<td>KIN 3433</td>
<td>Economics</td>
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<tr>
<td>KIN 4143</td>
<td>KIN 4243</td>
<td>SOC 1013</td>
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<tr>
<td>PHY 1603/1611</td>
<td>PHY 1623/1631</td>
<td>KIN 4253</td>
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