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**BACHELOR OF ARTS (BA) DEGREE WITH A MAJOR IN KINESIOLOGY AND A MAJOR CONCENTRATION IN SPORTS MEDICINE**

Program Learning Outcomes for the BA Degree with a Major in Kinesiology and a Major Concentration in Sports Medicine

Upon completing the BA degree with a major in Kinesiology and a major concentration in Sports Medicine, students will be able to:

1. Prepare and deliver presentations effectively and be able to use information technology.
2. Work and collaborate in groups toward a common goal.
3. Read, select, and interpret important information from sports sciences literature. They will be able to design and conduct research studies using appropriate methodologies.
4. Identify and apply ethical standards to the design and execution of research studies.
5. Understand principles of human nutrition and its application to exercise and sport.
6. Understand the principles of sports psychology.
7. Be knowledgeable of anatomy relevant to sport, exercise, and sport injury. They will develop an understanding of principles of biomechanics applied to exercise and sporting activities. Students will be knowledgeable of prevention, diagnosis, and treatment of injuries and diseases related to exercise and sports.
8. Collect and analyze data in a motor learning, exercise physiology, or other sports medicine lab settings.

Requirements for the BA Degree with a Major in Kinesiology and a Major Concentration in Sports Medicine

For general university requirements, see Graduation Requirements (ga.rice.edu/undergraduate-students/academic-policies-procedures/graduation-requirements). Students pursuing the BA degree with a major in Kinesiology and a major concentration in Sports Medicine must complete:

- A minimum of 15 courses (44 credit hours) to satisfy major requirements.
- A minimum of 120 credit hours outside of major requirements.
- A minimum of 60 credit hours outside of major requirements.
- A minimum of 9 courses (26 credit hours) taken at the 300-level or above.
- The requirements of a major concentration. When students declare the major (ga.rice.edu/programs-study/departments-health-sciences-concentration) in Kinesiology, students must additionally identify and declare one of two major concentrations, either in:
  - Health Sciences (ga.rice.edu/programs-study/departments-health-sciences-concentration), or
  - Sports Medicine (p. 1).

It is possible for students to change their major concentration at any time, even after initially declaring the major. To do so, please contact the Office of the Registrar (registrar@rice.edu).

The courses listed below satisfy the requirements for this major. In certain instances, courses not on this official list may be substituted upon approval of the major’s academic advisor, or where applicable, the department’s Director of Undergraduate Studies. (Course substitutions must be formally applied and entered into Degree Works by the major’s Official Certifier (https://registrar.rice.edu/facstaff/degreeworks/officialcertified).) Students and their academic advisors should identify and clearly document the courses to be taken.

**Summary**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td></td>
<td>Total Credit Hours Required for the Major in Kinesiology and a Major Concentration in Sports Medicine</td>
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**Degree Requirements**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Core Requirements 1</td>
<td></td>
</tr>
<tr>
<td>HEAL 103</td>
<td>NUTRITION</td>
<td>3</td>
</tr>
<tr>
<td>KINE 300</td>
<td>HUMAN ANATOMY WITH LAB</td>
<td>4</td>
</tr>
<tr>
<td>KINE 301</td>
<td>HUMAN PHYSIOLOGY</td>
<td>3</td>
</tr>
<tr>
<td>KINE 302</td>
<td>BIOMECHANICS</td>
<td>3</td>
</tr>
<tr>
<td>KINE 310</td>
<td>PSYCHOLOGICAL ASPECTS OF SPORT AND EXERCISE</td>
<td>3</td>
</tr>
<tr>
<td>KINE 311</td>
<td>MOTOR LEARNING</td>
<td>3</td>
</tr>
<tr>
<td>KINE 319</td>
<td>STATISTICS FOR THE HEALTH PROFESSIONAL</td>
<td>3</td>
</tr>
<tr>
<td>KINE 321</td>
<td>EXERCISE PHYSIOLOGY</td>
<td>3</td>
</tr>
<tr>
<td>KINE 323</td>
<td>EXERCISE PHYSIOLOGY LABORATORY</td>
<td>1</td>
</tr>
<tr>
<td>KINE 440</td>
<td>RESEARCH METHODS</td>
<td>3</td>
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**Elective Requirements**

Select 5 elective courses (see course list below)  15

**Total Credit Hours Required for the Major in Kinesiology and a Major Concentration in Sports Medicine**  44

**Additional Credit Hours to Complete BA Degree Requirements**  16

**University Graduation Requirements**  60

**Total Credit Hours**  120

**Footnotes and Additional Information**

- Includes coursework completed as distribution credit, FWIS, LPAP, upper-level, residency (hours taken at Rice), 60 hours outside of the major (if applicable), and any additional academic program requirements. The “hours outside of the major” requirement may include all of the above university requirements.

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The Core Requirements include detailed exposure to human anatomy and human physiology. In addition, students receive coursework in research methods, motor learning, statistics, exercise physiology, and sports psychology.

Elective Requirements

To fulfill the elective requirements for the Major in Kinesiology and a Major Concentration in Sports Medicine, students must complete a total of 5 elective courses (minimum of 15 credit hours) from the course list below. This list of electives is drawn from course offerings that are both within the Department of Kinesiology and other academic departments. Kinesiology elective courses include epidemiology, case studies in human performance, motor control, advanced exercise physiology and preventive medicine, sports nutrition, medical terminology and muscle physiology and plasticity. Electives from other departments include courses in chemistry, physics, biology and biochemistry, which may also be utilized as medical school prerequisites.

Code | Title | Credit Hours
--- | --- | ---
KINE 495 | INDEPENDENT RESEARCH IN SPORTS MEDICINE | 3
KINE 498 | SPECIAL TOPICS IN SPORTS MEDICINE | 3
KINE 499 | TEACHING PRACTICUM IN SPORTS MEDICINE | 3
PHYS 101 | MECHANICS (WITH LAB) & PHYS 103 and MECHANICS DISCUSSION | 3
PHYS 102 | ELECTRICITY & MAGNETISM (WITH LAB) & PHYS 104 and ELECTRICITY AND MAGNETISM DISCUSSION | 3
PHYS 125 | GENERAL PHYSICS (WITH LAB) | 3
PHYS 126 | GENERAL PHYSICS II (WITH LAB) | 3
PSYC 202 | INTRODUCTION TO SOCIAL PSYCHOLOGY | 3
PSYC 203 | INTRODUCTION TO COGNITIVE PSYCHOLOGY | 3
PSYC 321 | DEVELOPMENTAL PSYCHOLOGY | 3

Footnotes and Additional Information

1 CHEM 151 may be substituted for CHEM 121 or CHEM 111; CHEM 153 may be substituted for CHEM 123 or CHEM 113; CHEM 152 may be substituted for CHEM 122 or CHEM 112, and CHEM 154 may be substituted for CHEM 124 or CHEM 114.

Policies for the BA Degree with a Major in Kinesiology and a Major Concentration in Sports Medicine

Transfer Credit

For Rice University’s policy regarding transfer credit, see Transfer Credit (ga.rice.edu/undergraduate-students/academic-policies-procedures/transfer-credit). Some departments and programs have additional restrictions on transfer credit. The Office of Academic Advising maintains the university’s official list of transfer credit advisors on their website: https://oaa.rice.edu. Students are encouraged to meet with their academic program's transfer credit advisor when considering transfer credit possibilities.

Departmental Transfer Credit Guidelines

Students pursuing the major in Kinesiology should be aware of the following departmental transfer credit guidelines:

- Requests for transfer credit will be considered by the program director (and/or the program’s official transfer credit advisor) on an individual case-by-case basis.

Additional Information

For additional information, please see the Kinesiology website: https://kinesiology.rice.edu/

Opportunities for the BA Degree with a Major in Kinesiology and a Major Concentration in Sports Medicine

Academic Honors

The university recognizes academic excellence achieved over an undergraduate’s academic history at Rice. For information on university honors, please see Latin Honors (ga.rice.edu/undergraduate-students/honors-distinctions/university) (summa cum laude, magna cum laude, and cum laude) and Distinction in Research and Creative Work (ga.rice.edu/...
undergraduate-students/honors-distinctions/university). Some departments have department-specific Honors awards or designations.

**Additional Information**
For additional information, please see the Kinesiology website: https://kinesiology.rice.edu/