Exercise and Nutrition Sciences Option

The Department of Health and Human Development offers a Master of Science degree in exercise and nutrition sciences with two options:

- Kinesiology and Nutrition
- Sport and Coaching Sciences

Prerequisites

Kinesiology and Nutrition option

Entering graduate students will have completed a bachelor’s degree in kinesiology, exercise science, or nutrition, or a closely related field (e.g., biology, pre-physical therapy) with appropriate background course work (e.g., chemistry, biology, anatomy, physiology) to enter the exercise and nutrition sciences program.

Sport and Coaching Sciences option

Entering graduate students will have completed a bachelor’s degree in health enhancement or physical education, athletic training, or closely related field and/or appropriate practical experience (e.g., athletic coaches and administrators at any level of sport: competitive, developmental, or recreational).

Admissions

Admissions decisions are based on several criteria, from undergraduate preparation to fit and experience. To learn more about the application process and requirements, see the department website (http://www.montana.edu/hhd/graduate/exerciseandnutrition/).

Required Courses for Exercise Physiology and Nutrition

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HHD 501</td>
<td>Research Methods in HHD I</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Choose three additional required courses</td>
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<tr>
<td>KIN 515</td>
<td>Exercise Performance and Nutrition</td>
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<tr>
<td>KIN 525</td>
<td>Neuromechanics of Human Movement</td>
<td></td>
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<tr>
<td>KIN 535</td>
<td>Advanced Motor Control</td>
<td></td>
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<td>KIN 545</td>
<td>Graduate Exercise Physiology</td>
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<tr>
<td>NUTR 511</td>
<td>Exercise Metabolism and Health</td>
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<tr>
<td></td>
<td>Choose one statistics course</td>
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</tr>
<tr>
<td>EDCI 501</td>
<td>Educational Statistics I</td>
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<tr>
<td>STAT 401</td>
<td>Applied Methods in Statistics</td>
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<tr>
<td>STAT 511</td>
<td>Methods of Data Analysis I</td>
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<tr>
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<td>Choose either professional paper (6 cr. required) or thesis (10 cr. required)</td>
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<tr>
<td>KIN 575</td>
<td>Professional Paper and Project</td>
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<tr>
<td>KIN 590</td>
<td>Master’s Thesis</td>
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<tr>
<td>Electives</td>
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<td>6-9</td>
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Required Courses for Sport and Coaching Sciences

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<tr>
<th>Course Code</th>
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<th>Credits</th>
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<tbody>
<tr>
<td>EDCI 501</td>
<td>Educational Statistics I</td>
<td>3</td>
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<tr>
<td>HHD 501</td>
<td>Research Methods in HHD I</td>
<td>3</td>
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<tr>
<td>HTH 455</td>
<td>The Ethic of Care</td>
<td>3</td>
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<td>or KIN 440R</td>
<td>Sport Psychology</td>
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<td>Spring</td>
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<tr>
<td>HEE 506</td>
<td>Exercise and Chronic Disease</td>
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