EXERCISE SCIENCE - APPLIED B.S.

Bachelor of Science - Health & Human Performance; Exercise Science - Applied Concentration

College of ED & Human Sciences

Degree Specific Credits: 105

Required Cumulative GPA: 2.0

Catalog Year: 2017-2017

General Education Requirements

Information regarding these requirements can be found in the General Education Section (http://catalog.umt.edu/academics/general-education-requirements) of the catalog.

Summary

| Lower Division Departmental Required Courses | 13 |
| Outside Major Lower Division Required Courses | 38-41 |
| Upper Division Departmental Required Courses | 22-25 |
| Outside Major Upper Division Required Courses | 8 |
| Elective Courses | 18 |
| Total Hours | 99-105 |

Lower Division Departmental Required Courses

**Rule:** All courses are required.

**Note:** Students should take ECP 120, ECP 121 within two years of graduation, in order to ensure current certification. Students may substitute outside Emergency Medical Responder Certification for these courses.

- ECP 120  Emergency Medical Responder Lecture  3
- ECP 121  Emergency Medical Responder Lab  1
- KIN 201  Basic Exercise Prescription  3
- KIN 205  Foundations of HHP  3
- NUTR 221N  Basic Human Nutrition  3

Total Hours  13

Minimum Required Grade: C-

Outside Major Lower Division Required Courses

**Rule:** All courses are required.

**Note:** Students interested in Medical School should pay special attention to those additional requirements. Please meet with the Medical School Adviser in the HHP Department if you intend to also major in Pre-Medical studies.

- BIOB 160N  Principles of Living Systems  3
- BIOB 161N  Prncples of Living Systems Lab  1

- CHMY 121N  Introduction to General Chemistry  3
- CHMY 123  Introduction to Organic and Biochemistry  3
- CHMY 141N  College Chemistry I  4
- COMX 111A  Intro to Public Speaking  3

Select one of the following:  4-6

| M 151 | Precalculus |
| M 121 | College Algebra |
| & M 122 | and College Trigonometry |
| PHSX 205N | College Physics I |
| PHSX 206N | College Physics I Laboratory |
| PSYX 100S | Intro to Psychology |

Select one of the following:  3-4

| STAT 216 | Introduction to Statistics |
| PSYX 222 | Psychological Statistics (must be pre-approved by advisor) |
| SOCI 202 | Social Statistics (must be pre-approved by advisor) |
| WILD 240 | Intro to Biostatistics (must be pre-approved by advisor) |
| EDU 421 | Statistical Procedures in Educ (must be pre-approved by advisor) |
| WRIT 101 | College Writing I |

Total Hours  38-41

Minimum Required Grade: C-

Upper Division Departmental Required Courses

**Rule:** All courses are required.

**Note:** Students take KIN 498 for 3 to 6 credits.

- HTH 475E  Legal and Ethical Issues Health and Exercise Professions  3
- KIN 320  Exercise Physiology  3
- KIN 321  Exercise Physiology Lab  1
- KIN 330  Motor Learning and Control  3
- KIN 425  Biomechanics  3
- KIN 447  Analytical & Communicative Techniques  3
- KIN 498  Internship  3-6
- NUTR 411  Nutrition For Sports & Exercise  3

Total Hours  22-25

Minimum Required Grade: C-

Outside Major Upper Division Required Courses

**Rule:** All courses are required.

**Note:** It is strongly recommended that students take either BIOH 112 OR BIOH 113 OR BIOB 160N prior to taking Anatomy and Physiology.
Exercise Science - Applied B.S.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOH 365</td>
<td>Human AP I for Health Profsns</td>
<td>4</td>
</tr>
<tr>
<td>BIOH 370</td>
<td>Human AP II for Health Profsns</td>
<td>4</td>
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<tr>
<td></td>
<td><strong>Total Hours</strong></td>
<td><strong>8</strong></td>
</tr>
</tbody>
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Minimum Required Grade: C-

Elective Courses

Rule: Electives require adviser pre-approval.

Note: Electives require adviser pre-approval.

Students may use any pre-approved Math and Science Elective courses in this category. At least 3 must be Upper Division Credits. Special care should be taken if BIOH 201N/BIOH 202N and BIOH 211N/BIOH 212N were used for Anatomy and Physiology requirements, as more Upper Division Credits may need to be used in this category.

Minimum Required Grade: C-

18 Total Credits Required