<table>
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<th>General Education Category</th>
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<th>Credits</th>
<th>Grade</th>
<th>Semester</th>
<th>Equivalent</th>
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<tr>
<td><strong>Category I: Global Academic Skills (9 credits)</strong></td>
<td>STAT 216</td>
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<td>B. English (3 credits)</td>
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<td>C. Communication &amp; Information Literacy (3 credits)</td>
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<td>2 lectures (6 credits) &amp; 1 lab (1 credit) (1 life science &amp; 1 physical science &amp; 1 lab)</td>
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<td><strong>Category III: Social Sciences and History (6 credits)</strong></td>
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<td>A. Social Science (3 credits)</td>
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<td><strong>PSYX 100 – Major Requirement</strong></td>
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<td><strong>Category IV: Cultural Diversity (3 credits)</strong></td>
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<td><strong>Category V: Arts &amp; Humanities (6 credits)</strong></td>
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<tr>
<td>A. Fine Arts (3 credits)</td>
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<tr>
<td>B. Humanities (3 credits)</td>
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</table>

A minimum grade of “C-” required in all General Education courses.

*Note: Certain degrees may require a minimum grade of “C” in General Education courses.*

Reviewed:

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________________________________
________________________________

Montana State University Billings
Advising and Career Services
Phone: 406-657-2240
Fax: 406-657-2302
advising@msubillings.edu
www.msubillings.edu/advise/
### CATEGORY I: GLOBAL ACADEMIC SKILLS 9 credits
Students are required to take one course from each subcategory.

#### Subcategory A - Mathematics 3 credits
- M 114 Extended Technical Mathematics
- M 121 College Algebra
- M 122 College Trigonometry
- M 130 Mathematics for Elementary Teachers I
- M 140 College Math for Healthcare
- M 143 Finite Mathematics
- M 161 Survey of Calculus
- STAT 141 Introduction to Statistical Concepts
- STAT 216 Introduction to Statistics

#### Subcategory B - English 3 credits
- WRIT 101 College Writing I
- WRIT 121 Introduction to Technical Writing
- WRIT 122 Introduction to Business Writing
- WRIT 201 College Writing II
- WRIT 220 Business & Professional Writing
- WRIT 221 Intermediate Technical Writing

#### Subcategory C - Communication & Information Literacy 3 credits
- BMIS 150 Cyber Security and Electronic Communication
- COMX 111 Introduction to Public Speaking
- COMX 115 Introduction to Interpersonal Communication
- LSCI 125 Research in the Information Age

### CATEGORY II: NATURAL SCIENCES 6 cr. lecture & 1 cr. lab
Students are required to take one course from each subcategory and at least one corresponding lab or Integrated Sciences.

#### Subcategory A – Life Sciences 3-4 credits
- BIOB 161 Principles of Living Systems Lab
- BIOB 160 Principles of Living Systems
- BIOB 123 Fund of Biology: The Nature of Nutrition
- BIOB 121 Fundamentals of Biology for Allied Health
- BIOB 102 Discover Biology Lab
- BIOB 101 Discover Biology
- BIOB 122 Fund of Biology: Evolution, Ecology, and Biodiversity
- BIOB 123 Fund of Biology: The Nature of Nutrition
- BIOB 160 Principles of Living Systems
- BIOB 161 Principles of Living Systems Lab

#### Subcategory B – Physical Sciences 3-4 credits
- ASTR 110 Introduction to Astronomy
- ASTR 111 Introduction to Astronomy Lab
- CHMY 121 Introduction to General Chemistry
- CHMY 122 Introduction to General Chemistry Lab
- CHMY 141 College Chemistry I
- CHMY 142 College Chemistry Laboratory I
- GEO 101 Introduction to Physical Geology
- GEO 102 Introduction to Physical Geology Laboratory
- GPHY 111 Introduction to Physical Geography
- GPHY 112 Introduction to Physical Geography Lab
- PHSX 103 Our Physical World
- PHSX 104 Our Physical World Lab
- PHSX 205 College Physics I
- PHSX 206 College Physics I Lab

#### Integrated Sciences
- SCIN 101, 102, 103, 104 Integrated Sciences 3, 1, 3, 1

### CATEGORY III: SOCIAL SCIENCES AND HISTORY 6 credits
Students are required to take one course from each subcategory.

#### Subcategory A – Social Sciences 3 credits
- ANTY 217 Physical Anthropology & Archeology
- BGEN 105 Introduction to Business
- COMX 106 Communicating in a Dynamic Workplace
- ECNS 201 Principles of Microeconomics
- ECNS 202 Principles of Macroeconomics
- EDU 105 Education and Democracy
- GPHY 141 Geography of World Regions
- HTH 110 Personal Health and Wellness
- PSCI 220 Introduction to Comparative Government
- PSCI 210 Introduction to American Government
- PSYX 100 Introduction to Psychology
- SOCI 101 Introduction to Sociology
- SOCI 201 Social Problems

#### Subcategory B - History 3 credits
- HSTA 101 American History I
- HSTA 102 American History II
- HSTR 101 Western Civilization I
- HSTR 102 Western Civilization II
- HSTR 103 Honors Western Civilization I
- HSTR 104 Honors Western Civilization II
- PSCI 230 Introduction to International Relations

### CATEGORY IV: CULTURAL DIVERSITY 3 credits
- ARTH 160 Global Visual Culture
- COMX 212 Introduction to Intercultural Communication
- GPHY 121 Human Geography
- HTH 270 Global Health Issues
- LIT 230 World Literature
- MUSI 207 World Music
- NASX 105 Introduction to Native American Studies
- NASX 205 Native Americans in Contemporary Society
- PHL 271 Indian Philosophies and Religions
- PHL 272 Chinese Philosophies and Religions
- REHA 201 Introduction to Diversity in Counseling
- RLST 170 The Religious Quest
- SPNS 150 The Hispanic Tradition

### CATEGORY V: ARTS & HUMANITIES 6 credits
Students are required to take one course from each subcategory.

#### Subcategory A – Fine Arts 3 credits
- ARTZ 101 Art Fundamentals
- ARTZ 105 Visual Language-Drawing
- ARTZ 106 Visual Language-2-D Foundations
- ARTZ 108 Visual Language-3-D Foundations
- ARTZ 131 Ceramics for Non-majors
- CRWR 240 Intro Creative Writing Workshop
- FILM 160 Introduction to World Cinema
- LIT 270 Film & Literature
- MUSI 114 Band: MSUB Symphonic
- MUSI 131 Jazz Ensemble I: MSUB
- MUSI 147 Choral Ensemble: University Chorus
- PHOT 154 Exploring Digital Photography
- THTR 101 Introduction to Theatre
- THTR 120 Introduction to Acting I

#### Subcategory B - Humanities 3 credits
- ARTH 150 Introduction to Art History
- HSTA 274 Women, Culture, and Society
- HSTR 101 Western Civilization I
- HSTR 102 Western Civilization II
- PSCI 210 Introduction to American Government
- REHA 201 Introduction to Diversity in Counseling
- RLST 170 The Religious Quest
- SPNS 150 The Hispanic Tradition

### CATEGORY VI: HONORS 3 credits
- HONR 111 Perspectives and Understanding
- HONR 211 Honors Seminar
- HONR 220 Honors Research
- HONR 230 Honors Capstone

### CATEGORY VII: HUMANITIES AND SOCIAL SCIENCES 3 credits
- ANT 101 Anthropology
- ARTZ 101 Art Fundamentals
- ARTZ 105 Visual Language-Drawing
- ARTZ 106 Visual Language-2-D Foundations
- ARTZ 108 Visual Language-3-D Foundations
- ARTZ 131 Ceramics for Non-majors
- CRWR 240 Intro Creative Writing Workshop
- FILM 160 Introduction to World Cinema
- LIT 270 Film & Literature
- MUSI 114 Band: MSUB Symphonic
- MUSI 131 Jazz Ensemble I: MSUB
- MUSI 147 Choral Ensemble: University Chorus
- PHOT 154 Exploring Digital Photography
- THTR 101 Introduction to Theatre
- THTR 120 Introduction to Acting I

### CATEGORY VIII: ARTS & HUMANITIES 3 credits
- ARTZ 101 Art Fundamentals
- ARTZ 105 Visual Language-Drawing
- ARTZ 106 Visual Language-2-D Foundations
- ARTZ 108 Visual Language-3-D Foundations
- ARTZ 131 Ceramics for Non-majors
- CRWR 240 Intro Creative Writing Workshop
- FILM 160 Introduction to World Cinema
- LIT 270 Film & Literature
- MUSI 114 Band: MSUB Symphonic
- MUSI 131 Jazz Ensemble I: MSUB
- MUSI 147 Choral Ensemble: University Chorus
- PHOT 154 Exploring Digital Photography
- THTR 101 Introduction to Theatre
- THTR 120 Introduction to Acting I

### CATEGORY IX: ARTS & HUMANITIES 3 credits
- ARTZ 101 Art Fundamentals
- ARTZ 105 Visual Language-Drawing
- ARTZ 106 Visual Language-2-D Foundations
- ARTZ 108 Visual Language-3-D Foundations
- ARTZ 131 Ceramics for Non-majors
- CRWR 240 Intro Creative Writing Workshop
- FILM 160 Introduction to World Cinema
- LIT 270 Film & Literature
- MUSI 114 Band: MSUB Symphonic
- MUSI 131 Jazz Ensemble I: MSUB
- MUSI 147 Choral Ensemble: University Chorus
- PHOT 154 Exploring Digital Photography
- THTR 101 Introduction to Theatre
- THTR 120 Introduction to Acting I

### CATEGORY X: ARTS & HUMANITIES 3 credits
- ARTZ 101 Art Fundamentals
- ARTZ 105 Visual Language-Drawing
- ARTZ 106 Visual Language-2-D Foundations
- ARTZ 108 Visual Language-3-D Foundations
- ARTZ 131 Ceramics for Non-majors
- CRWR 240 Intro Creative Writing Workshop
- FILM 160 Introduction to World Cinema
- LIT 270 Film & Literature
- MUSI 114 Band: MSUB Symphonic
- MUSI 131 Jazz Ensemble I: MSUB
- MUSI 147 Choral Ensemble: University Chorus
- PHOT 154 Exploring Digital Photography
- THTR 101 Introduction to Theatre
- THTR 120 Introduction to Acting I
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<th>Course</th>
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<th>Grade</th>
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<td><strong>Health and Human Performance Requirements</strong></td>
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<tr>
<td>*BIOB 101</td>
<td>Discover Biology</td>
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<td>*BIOB 102</td>
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<td>*CHMY 121</td>
<td>Introduction to General Chemistry</td>
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<td>*CHMY 122</td>
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<td>*PSYX 100</td>
<td>Intro to Psychology</td>
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<td>*STAT 216</td>
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<td>ECP 120</td>
<td>Emergency Medical Responder</td>
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<td>KIN 105</td>
<td>Foundations of Exercise Science</td>
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<td>KIN 106</td>
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<td>AHMS 144</td>
<td>Medical Terminology</td>
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<td>WRIT 201</td>
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<td>AHAT 210</td>
<td>Prevention and Care of Athletic Injuries</td>
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<td>NUTR 221</td>
<td>Basic Human Nutrition</td>
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<td>BIOH 301</td>
<td>Human Physiology and Anatomy I</td>
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<td>BIOH 312</td>
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<td>CHTH 317</td>
<td>Health Behavior Theories</td>
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<td>KIN 320</td>
<td>Exercise Physiology</td>
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<td>Biomechanics</td>
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<td>KIN 328</td>
<td>Kinesiology and Biomechanics Lab</td>
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<td>KIN 330</td>
<td>Motor Learning and Control</td>
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<td>KIN 364</td>
<td>Research Methods in Health and Human Performance</td>
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<td>HTH 411</td>
<td>Alcohol, Tobacco and Other Drug Prevention</td>
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<td>Advanced Exercise Testing and Prescription</td>
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<td>HTH 435</td>
<td>Health and Wellness Across the Lifespan</td>
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<td>KIN 462</td>
<td>Evidence Based Assessment and Treatment</td>
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<td>ACT 498</td>
<td>Internship</td>
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*May satisfy General Education requirements.*
## Athletic Training Requirements

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<td>ATEP 534</td>
<td>Athletic Training Techniques I</td>
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<td>ATEP 535</td>
<td>Athletic Training Techniques II</td>
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<td>ATEP 540</td>
<td>Practicum in Athletic Training I</td>
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<td>ATEP 541</td>
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<td>ATEP 542</td>
<td>Lower Extremity Assessment</td>
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<td>ATEP 544</td>
<td>Upper Extremity Assessment</td>
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<td>ATEP 546</td>
<td>General Medical Assessment</td>
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<td>ATEP 550</td>
<td>Practicum in Athletic Training III</td>
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<td>ATEP 551</td>
<td>Practicum in Athletic Training IV</td>
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<td>ATEP 566</td>
<td>Therapeutic Modalities</td>
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<td>ATEP 572</td>
<td>Therapeutic Exercise</td>
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<td>ATEP 574</td>
<td>Manual Therapy Techniques</td>
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<td>ATEP 578</td>
<td>Organization and Administration in Athletic Training</td>
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<td>ATEP 580</td>
<td>Pharmacology for the Healthcare Professional</td>
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<td>HHP 502</td>
<td>Research in Exercise and Sport Science</td>
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<td>HHP 550</td>
<td>Psychological Principles</td>
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<td>NUTR 411</td>
<td>Nutrition for Sports and Exercise</td>
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Elective selected in consultation with advisor: 3

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<td>HHP 599</td>
<td>Thesis</td>
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### BACHELOR OF SCIENCE IN HEALTH AND HUMAN PERFORMANCE/MASTER OF SCIENCE IN ATHLETIC TRAINING 3+2 OPTION

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<td>HHP Requirements</td>
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<td>Athletic Training Requirements</td>
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*Some courses may be used to satisfy both General Education and major requirements, resulting in fewer overall credits.

A grade of C- or higher is mandatory in all health and human performance courses satisfying the major requirements.

Certain Courses in this program have prerequisites; students should check the course descriptions for required prerequisites.

It is the student’s responsibility to know and meet the requirements for graduation.

A minimum of 36 credits must be upper division classes (300 and above).

Notes: