## General Education Requirements – See Attached Page for Specific Courses

<table>
<thead>
<tr>
<th>General Education Category</th>
<th>Course #</th>
<th>Credits</th>
<th>Grade</th>
<th>Semester</th>
<th>Equivalent</th>
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</thead>
<tbody>
<tr>
<td><strong>Category I: Global Academic Skills (9 credits)</strong></td>
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<tr>
<td>A. Mathematics (3 credits)</td>
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<tr>
<td>B. English (3 credits)</td>
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<tr>
<td>C. Communication &amp; Information Literacy (3 credits)</td>
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<tr>
<td><strong>Category II: Natural Sciences (7 credits)</strong></td>
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<tr>
<td>2 lectures (6 credits) &amp; 1 lab (1 credit)</td>
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<tr>
<td>(1 life science &amp; 1 physical science &amp; 1 lab)</td>
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<tr>
<td><strong>Category III: Social Sciences and History (6 credits)</strong></td>
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<tr>
<td>A. Social Science (3 credits)</td>
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<tr>
<td>B. History (3 credits)</td>
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<tr>
<td><strong>Category IV: Cultural Diversity (3 credits)</strong></td>
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<tr>
<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.*
**GENERAL EDUCATION REQUIREMENTS**

**CATEGORY I: GLOBAL ACADEMIC SKILLS**  9 credits  Students are required to take one course from each subcategory

**Subcategory A - Mathematics**  3 credits
- M 105 Contemporary Mathematics  3
- M 114 Extended Technical Mathematics  3
- M 121 College Algebra  3
- M 122 College Trigonometry  3
- M 130 Mathematics for Elementary Teachers I  3
- M 140 College Math for Healthcare  3
- M 143 Finite Mathematics  4
- M 161 Survey of Calculus  3
- M 171 Calculus I  4
- STAT 141 Introduction to Statistical Concepts  3
- STAT 216 Introduction to Statistics  4

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

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

**CATEGORY II: NATURAL SCIENCES**  6 credits 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 101 Discover Biology  3
- BIOB 102 Discover Biology Lab  1
- BIOB 121 Fundamentals of Biology for Allied Health  3
- BIOB 122 Fund of Biology: Evolution, Ecology, and Biodiversity  3
- BIOB 123 Fund of Biology: The Nature of Nutrition  3
- BIOB 160 Principles of Living Systems  3
- BIOB 161 Principles of Living Systems Lab  1

**Subcategory B – Physical Sciences**  3-4 credits
- ASTR 110 Introduction to Astronomy  3
- ASTR 111 Introduction to Astronomy Lab  1
- CHMY 121 Introduction to General Chemistry  3
- CHMY 122 Introduction to General Chemistry Lab  1
- CHMY 141 College Chemistry I  3
- CHMY 142 College Chemistry Laboratory I  1
- GEO 101 Introduction to Physical Geology  3
- GEO 102 Introduction to Physical Geology Laboratory  1
- GPHY 111 Introduction to Physical Geography  3
- GPHY 112 Introduction to Physical Geography Lab  1
- PHSX 103 Our Physical World  3
- PHSX 104 Our Physical World Lab  1
- PHSX 205 College Physics I  3
- PHSX 206 College Physics I Lab  1

**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 220 Culture and Society  3
- ARTH 160 Global Visual Culture  3
- COMX 212 Introduction to Intercultural Communication  3
- GPHY 121 Human Geography  3
- HTH 270 Global Health Issues  3
- LIT 230 World Literature  3
- MUSI 207 World Music  3
- NASX 105 Introduction to Native American Studies  3
- NASX 205 Native Americans in Contemporary Society  3
- PHL 271 Indian Philosophies and Religions  3
- PHL 272 Chinese Philosophies and Religions  3
- REHA 201 Introduction to Diversity  3
- RST 170 The Religious Quest  3
- SNC 724 Women, Culture, and Society  3
- SPNS 150 The Hispanic Tradition  3

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

**Subcategory B - History**  3 credits
- PSCI 210 Introduction to American Government  3
- PSCI 230 Introduction to Comparative Government  3

**Subcategory B - History**  3 credits
- SPNS 150 The Hispanic Tradition  3

**CATEGORY IV: CULTURAL DIVERSITY**  3 credits

**Subcategory A – Fine Arts**  3 credits
- ARTZ 101 Art Fundamentals  3
- ARTZ 105 Visual Language-Drawing  3
- ARTZ 106 Visual Language-2-D Foundations  3
- ARTZ 108 Visual Language-3-D Foundations  3
- ARTZ 131 Ceramics for Non-majors  3
- CRWR 240 Into Creative Writing Workshop  3
- FILM 160 Introduction to World Cinema  3
- LIT 230 World Literature  3
- MUSI 101 Enjoyment of Music  3
- MUSI 131 Jazz Ensemble I: MSUB  3
- MUSI 147 Choral Ensemble: University Chorus  3
- PHOT 154 Exploring Digital Photography  3
- THTR 101 Introduction to Theatre  3
- THTR 120 Introduction to Acting I  3

**Subcategory B - Humanities**  3 credits
- HSTA 101 American History I  3
- HSTA 102 American History II  3
- HSTR 101 Western Civilization I  3
- HSTR 102 Western Civilization II  3
- HSTR 103 Honors Western Civilization I  3
- HSTR 104 Honors Western Civilization II  3

**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  3
- ARTZ 105 Visual Language-Drawing  3
- ARTZ 106 Visual Language-2-D Foundations  3
- ARTZ 108 Visual Language-3-D Foundations  3
- ARTZ 131 Ceramics for Non-majors  3
- CRWR 240 Into Creative Writing Workshop  3
- FILM 160 Introduction to World Cinema  3
- LIT 230 World Literature  3
- MUSI 101 Enjoyment of Music  3
- MUSI 131 Jazz Ensemble I: MSUB  3
- MUSI 147 Choral Ensemble: University Chorus  3
- PHOT 154 Exploring Digital Photography  3
- THTR 101 Introduction to Theatre  3
- THTR 120 Introduction to Acting I  3

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

**Subcategory B - Humanities**  3 credits
- PSCI 210 Introduction to American Government  3
- PSCI 230 Introduction to Comparative Government  3

**Subcategory B - Humanities**  3 credits
- SPNS 150 The Hispanic Tradition  3

**Subcategory B - Humanities**  3 credits
- SPNS 150 The Hispanic Tradition  3
<table>
<thead>
<tr>
<th>Course Core</th>
<th>Credits</th>
<th>Grade</th>
<th>Semester</th>
<th>Equivalent</th>
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<tbody>
<tr>
<td>ECP 312 Wilderness Medicine</td>
<td>4</td>
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<tr>
<td>REC 181 Basic Navigation/Orienteering</td>
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<tr>
<td>REC 200 Foundations of Outdoor Adventure Leadership</td>
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<td>REC 280 Challenge Course Fundamentals</td>
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<td>REC 310 Adventure Leadership</td>
<td>3</td>
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<td>REC 411 Adventure Guiding and Instructing</td>
<td>3</td>
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<td>REC 470 Adventure Program Planning and Development</td>
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<td>REC 498 Internship</td>
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<td><strong>Outdoor Adventure Leadership Core</strong></td>
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<th>Required Courses</th>
<th>Credits</th>
<th>Grade</th>
<th>Semester</th>
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<tbody>
<tr>
<td>*BGEN 105 Introduction to Business</td>
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<td>BMKT 325 Principles of Marketing</td>
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<td>CHTH 435 Human Response to Stress</td>
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<td>ECP 120 Emergency Medical Responder</td>
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<td>*HTH 110 Personal Health and Wellness</td>
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<tr>
<td>HTH 435 Health and Wellness Across the Lifespan</td>
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<td><strong>Required Courses</strong></td>
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<th>Required Skills Courses</th>
<th>Credits</th>
<th>Grade</th>
<th>Semester</th>
<th>Equivalent</th>
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<tbody>
<tr>
<td>REC 155 Rappelling/Belaying</td>
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<tr>
<td>REC 187 Basic Survival in the Outdoors</td>
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<td>REC 255 Rock Climbing I</td>
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<tr>
<td>REC 356 Search and Rescue</td>
<td>3</td>
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<td>REC 357 Ropes Rescue</td>
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<td>REC 358 Swift Water Rescue</td>
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<td><strong>Required Skills Courses</strong></td>
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**Restricted Elective Skills** – Choose a minimum of 6 credits from the following:

<table>
<thead>
<tr>
<th>Restricted Elective Skills</th>
<th>Credits</th>
<th>Grade</th>
<th>Semester</th>
<th>Equivalent</th>
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<tbody>
<tr>
<td>REC 182 Advanced Navigation</td>
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<tr>
<td>REC 185 Winter Survival Skills</td>
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<tr>
<td>REC 257 Rock Climbing II</td>
<td>2</td>
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<tr>
<td>REC 359 Backcountry Avalanche Forecasting and Rescue</td>
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<tr>
<td>REC 389 Mountaineering</td>
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<td><strong>Restricted Elective Skills</strong></td>
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*May satisfy General Education requirement.
BACHELOR OF SCIENCE IN OUTDOOR ADVENTURE LEADERSHIP
2+2 TRACK – FIRE SCIENCE

In order to be eligible for this program, students must have completed an Associate of Science degree in Fire Science.

<table>
<thead>
<tr>
<th>Categories</th>
<th>Credits</th>
<th>Earned</th>
<th>Remaining</th>
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<tr>
<td>General Education Requirements</td>
<td>31</td>
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<tr>
<td>Degree Core</td>
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<tr>
<td>Required Courses</td>
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<td>_____</td>
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<tr>
<td>Skills Areas</td>
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<td>Electives/Associate’s degree</td>
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<tr>
<td>Total minimum credits required for degree</td>
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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:

Admission Requirements for Outdoor Adventure Leadership

All students desiring admission to the Outdoor Adventure Leadership program are required to file an application for admission. Applications for admission to the Outdoor Adventure Leadership program can be obtained online at www.msubillings.edu/hhp or from the Department of Health and Human Performance Office in the Physical Education Building, Room 120. The application should be submitted to the faculty advisor for review and approval, signed by the advisor and the Department Chairperson. Each applicant must:

1. Complete 15 credit hours of required general education courses with a minimum GPA of 2.75 (see application for list of courses).
2. Have completed 18 or more credit hours from the list of prerequisite courses (see application for list of courses), including at least 4 credit hours of Skills courses with minimum GPA of 2.75 (no more than 4 credit hours of skills courses count toward the 18 credit hours).
3. Be aware that courses taken on a pass/no pass or credit/noncredit basis will not be used to calculate the GPA requirement. Students should consult with their academic advisor.
4. Attach a current working copy of the transcript to the application form.
5. Submit a letter to the student’s Outdoor Adventure Leadership academic advisor explaining how the degree fits with his or her long term personal and professional goals, why he or she should be accepted into the program, and how he or she intends to enrich the program.
6. Be aware that applications are handled on a rolling admissions basis. Students will be notified of the status of their application within 15 working days of submitting the complete application. Enrollment in some major courses is limited to students admitted to the program.
7. Be aware that no student will be allowed to register for restricted upper division courses in Outdoor Adventure Leadership without admission to the Outdoor Adventure Leadership program.