### 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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<tr>
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<td>B. English (3 credits)</td>
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<tr>
<td>2 lectures (6 credits) &amp; 1 lab (1 credit)</td>
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<td>(1 life science &amp; 1 physical science &amp; 1 lab)</td>
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<td>A. Social Science (3 credits)</td>
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<td>B. History (3 credits)</td>
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<td>B. Humanities (3 credits)</td>
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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:

________________________________________
________________________________________
________________________________________
### GENERAL EDUCATION REQUIREMENTS

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<th>CATEGORY I: GLOBAL ACADEMIC SKILLS</th>
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<tr>
<td><strong>Subcategory A - Mathematics</strong></td>
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<tr>
<td>M 105 Contemporary Mathematics</td>
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<td>M 114 Extended Technical Mathematics</td>
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<tr>
<td>M 121 College Algebra</td>
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<tr>
<td>M 122 College Trigonometry</td>
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<td>M 130 Mathematics for Elementary Teachers I</td>
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<td>M 140 College Math for Healthcare</td>
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<td>M 143 Finite Mathematics</td>
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<td>M 171 Calculus I</td>
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<td>WRIT 121 Introduction to Technical Writing</td>
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<td>WRIT 122 Introduction to Business Writing</td>
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<th>Subcategory C - Communication &amp; Information Literacy</th>
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<td>BMIS 150 Cyber Security and Electronic Communication</td>
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<td>COMX 111 Introduction to Public Speaking</td>
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<td>COMX 115 Introduction to Interpersonal Communication</td>
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<td>COMX 201 Communication in Small Groups</td>
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<td>HONR 205 Honors Inquiry and Research</td>
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<td>LSCI 125 Research in the Information Age</td>
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<th>CATEGORY II: NATURAL SCIENCES</th>
<th>6 cr. lecture &amp; 1 cr. lab</th>
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<td>BIOB 101 Discover Biology</td>
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<td>BIOB 121 Fundamentals of Biology for Allied Health</td>
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<td>BIOB 123 Fund of Biology: The Nature of Nutrition</td>
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<td>BIOB 160 Principles of Living Systems</td>
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<td>SCIN 101 Integrated Science I</td>
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<td>CHMY 121 Introduction to General Chemistry</td>
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<td>CHMY 141 College Chemistry I</td>
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<td>GPHY 262 Spatial Sciences Technology &amp; Applications</td>
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<td>PHSX 103 Our Physical World</td>
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<td>PHSX 205 College Physics I</td>
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<td>SCIN 103 Integrated Science II</td>
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<th>CATEGORY III: SOCIAL SCIENCES AND HISTORY</th>
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<td>BGEN 105 Introduction to Business</td>
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<tr>
<td>COMX 106 Communicating in a Dynamic Workplace</td>
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<tr>
<td>ECNS 201 Principles of Microeconomics</td>
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<tr>
<td>ECNS 202 Principles of Macroeconomics</td>
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<tr>
<td>EDU 105 Education and Democracy</td>
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<td>HTH 110 Personal Health and Wellness</td>
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<td>PSCI 210 Introduction to American Government</td>
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<td>PSCI 220 Introduction to Comparative Government</td>
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<tr>
<td>PSYX 100 Introduction to Psychology</td>
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<tr>
<td>SOCI 101 Introduction to Sociology</td>
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<td>SOCI 201 Social Problems</td>
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<th>Subcategory B - History</th>
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<tbody>
<tr>
<td>HSTA 101 American History I</td>
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<td>HSTA 102 American History II</td>
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<td>HSTR 159 World History to 1500 CE</td>
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<td>HSTR 160 Modern World History</td>
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<td>PSCI 230 Introduction to International Relations</td>
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<th>CATEGORY IV: CULTURAL DIVERSITY</th>
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<td>ARTY 101 Art Fundamentals</td>
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<td>ARTY 105 Visual Language-Drawing</td>
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<td>ARTY 106 Visual Language-2-D Foundations</td>
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<td>ARTY 131 Ceramics for Non-majors</td>
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<td>CRWR 240 Intro Creative Writing Workshop</td>
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<td>FILM 160 Introduction to World Cinema</td>
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<td>LIT 270 Film &amp; Literature</td>
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<td>MUSI 101 Enjoyment of Music</td>
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<td>MUSI 114 Band: MSUB Symphonic</td>
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<td>MUSI 131 Jazz Ensemble I: MSUB</td>
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<td>MUSI 147 Choral Ensemble: University Chorus</td>
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<td>PHOT 154 Exploring Digital Photography</td>
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<td>THTR 101 Introduction to Theatre</td>
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<tr>
<td>ARTH 150 Introduction to Art History</td>
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<tr>
<td>CRWR 111 Perspectives and Understanding</td>
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<td>LIT 110 Introduction to Literature</td>
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<td>LIT 213 Montana Literature</td>
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<td>PHL 110 Introduction to Ethics</td>
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<tr>
<td>PHL 111 Philosophies of Life</td>
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<td>PHL 254 People and Politics</td>
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A minimum grade of C- or better is required in all major coursework.

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Chemistry Total 54

Mathematics Requirements

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Mathematics Total 12

Physics Requirements

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Physics Total 8

* May satisfy General Education requirements.
### Science and Math Electives (16 credits selected with advisor approval)

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### Electives

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### BACHELOR OF SCIENCE DEGREE IN CHEMISTRY

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<tr>
<td>Physics Requirements</td>
<td>8</td>
<td>______</td>
<td>_____</td>
</tr>
<tr>
<td>Science and Math Electives</td>
<td>16</td>
<td>______</td>
<td>_____</td>
</tr>
<tr>
<td>Electives (variable)</td>
<td>V</td>
<td>______</td>
<td>_____</td>
</tr>
<tr>
<td>Total</td>
<td>120</td>
<td>______</td>
<td>_____</td>
</tr>
</tbody>
</table>

**3 credits that also satisfy General Education requirements are not included in the total number of credits.**

*The total number of elective credits required for the degree will be determined by the number of courses a student elects to take which fulfill both General Education requirements and major requirements. Electives should be chosen in consultation with an academic advisor.*

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:**