### ROCK STUDIES REQUIREMENTS (35-36 credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Cr</th>
</tr>
</thead>
<tbody>
<tr>
<td>EXCPT</td>
<td>Foundations of Academic Discovery</td>
<td>0</td>
</tr>
<tr>
<td>✓ ENGL 102</td>
<td>Critical Writing</td>
<td>3</td>
</tr>
<tr>
<td>EXCPT</td>
<td>Critical Reading</td>
<td>0</td>
</tr>
<tr>
<td>✓ COMM 200</td>
<td>Civil Discourse</td>
<td>3</td>
</tr>
<tr>
<td>✓ MATH 125 or MATH 225</td>
<td>Precalculus Calculus I</td>
<td>3 or 4</td>
</tr>
</tbody>
</table>

### INTEGRATED INQUIRY (14 credits)

Creative and Aesthetic Inquiry (3 credits)
- Humanities Elective – choose any 3
- Social Science Inquiry (3 credits)
- Social Science Elective – choose any 3
- Natural Science Inquiry (4 credits)
- CHEM 107/111 General Chemistry I / Lab
- PHYS 216 Elements of Physics I / Lab

### THEMATIC THREAD – Additional Transfer Credits (12 credits)

- ENGL 101-College Writing 3
- HLTH 120-Health Science 3
- Mathematics Elective – choose any 3
- MATH 107-Elementary Statistics 3

### COMPUTER COMPETENCY (1-3 credits)

Students must demonstrate “computer competency” by:
- CPSC 116 or COMP 210 Complete one of the following courses: CPSC 100, 110, 130, or PE 202 at SRU or another post-secondary institution 1-3

### OTHER BASIC REQUIREMENTS

- biodata report form and signed commitment
- completion of 12 credits of introductory science courses

### IMPORTANT CURRICULUM GUIDE NOTES

This Curricular Guide is provided to help SRU students and prospective students better understand their intended major curriculum. Enrolled SRU students should note that the My Rock Audit may place already earned and/or in progress courses in different, yet valid, curricular categories. Enrolled SRU students should use the My Rock Audit Report and materials and information provided by their faculty advisors to ensure accurate progress towards degree completion. The information on this guide is current as of the date below. Students are responsible for curriculum requirements at the time of enrollment at the University.

* Course may have a prerequisite. See Undergraduate Online Catalog.
~ Course counts for 50% of Major requirements but not for Major GPA
^ Course counts for 50% of Major requirements and Major GPA
* Core GPA
PLE Pymatuning Laboratory of Ecology
PASSHE = Pennsylvania State System of Higher Education Institution

### Co-curricular and Experiential Learning

Students are encouraged to explore additional curricular and co-curricular opportunities. There is a strong correlation between long-term student success and participation in the following types of programs and activities:
1. Career education and development
2. Student-faculty research
3. Volunteering
4. Job Shadowing

### BIOLOGY PROGRAM REQUIREMENTS

- Students desiring a Biology Major must maintain at least a 2.000 average in Biology.
- Students should complete all 200-level Biology requirements by the end of their sophomore year.
- Student must earn a "C" or better in both Biology I with Lab (BIOL 113) and Biology II with Lab (BIOL 114) before proceeding to their next biology course.
- Students must earn a "C" or better in both Anatomy and Physiology I (Lab) and Anatomy and Physiology II (Lab) before proceeding to their next biology course.

### MAJOR/CONCENTRATION REQUIREMENTS (60 credits)

- 30 major credits must be taken at SRU or PASSHE
- 30 major credits must be taken at the 300 level or above

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Cr</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biology Core Requirements (15 credits)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>✓ BIOL 113~</td>
<td>Biol. I: Ecology, Evolution, &amp; Diversity / Lab</td>
<td>BIOL 121</td>
</tr>
<tr>
<td>✓ BIOL 114^</td>
<td>Biol. II: Molecules, Genes, &amp; Cells / Lab</td>
<td>BIOL 120</td>
</tr>
<tr>
<td>✓ BIOL 250~</td>
<td>Genetics / Lab * Biology Elective: BIOL 209</td>
<td>4</td>
</tr>
<tr>
<td>✓ BIOL 325~</td>
<td>Biostatistics and Exper. Design / Lab</td>
<td>3</td>
</tr>
</tbody>
</table>

Required Upper-Level Biology (17 credits)

- BIOL 209^ Anatomy and Physiology I/Lab 4
- BIOL 309^ Anatomy and Physiology II/Lab 4
- BIOL 316^ Immunology / Lab 3
- BIOL 330^ Microbiology / Lab 3
- BIOL 335^ or BIOL 370^ Molecular Biology 3

Related Sciences – Chemistry (12 credits)

- CHEM 108/112 General Chemistry II / Lab 4
- CHEM 201/211 Organic Chemistry I / Lab 4
- CHEM 202/212 Organic Chemistry II / Lab 4

Related Sciences – Physics (4 credits)

- PHYS 202 or PHYS 217 Elements of Physics II / Lab 4
- PHYS 221 University Physics 2 / Lab 4

Clinical Experience (12 credits in major; 16 credits in free electives)
Minimum of 91 hours on campus plus 1 year (12 months) at an affiliated School of Medical Technology or one acceptable to SRU

- BIOL 209^ Anatomy and Physiology I/Lab 4
- BIOL 309^ Anatomy and Physiology II/Lab 4
- BIOL 316^ Immunology / Lab 3
- BIOL 330^ Microbiology / Lab 3
- BIOL 335^ or BIOL 370^ Molecular Biology 3

### FREE ELECTIVES (21-24 credits)

- BIOL 219-Current Topics in Biology 1
- Biology Elective – SRU recommends BIOL 201 4

### BC3-SRU Biological Science, A.S. to Biology-Medical Technology, B.S.

<table>
<thead>
<tr>
<th>Curriculum Category</th>
<th>Transfer Credits</th>
<th>SRU Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rock Studies</td>
<td>31-32 or 35-36</td>
<td>4 or 0</td>
</tr>
<tr>
<td>Computer Competency</td>
<td>1-3</td>
<td>0</td>
</tr>
<tr>
<td>Major Requirements</td>
<td>24</td>
<td>36</td>
</tr>
<tr>
<td>26 or 32</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Free Electives</td>
<td>0</td>
<td>16-19</td>
</tr>
<tr>
<td>TOTAL CREDITS</td>
<td>61-64</td>
<td>56-65</td>
</tr>
<tr>
<td>(120 credits required to graduate)</td>
<td>129-132</td>
<td></td>
</tr>
</tbody>
</table>

Red courses are current associate degree requirements.

Blue courses are SRU-recommended additional courses.

Students should choose the following two courses for their Biology Electives at BC3: BIOL 201 and 209.