**Slippery Rock University of Pennsylvania – Curriculum Guide**

**Bachelor of Science in Biology**

**Pre-Physician Assistant SRU 3+2**

---

**LIBERAL STUDIES REQUIREMENTS (48 credits)**

See Liberal Studies Guide for Goal and Enrichment choices

**GOAL COURSE REQUIREMENTS**

Complete Goal requirements as indicated below (39 credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Cr</th>
<th>Gr</th>
</tr>
</thead>
</table>

- Basic Requirements - (9 credits)
  - ENGL 102 | Critical Writing | 3 |  |
  - ENGL 104 or ENGL 220 | Critical Reading * or Intro to Literary and Cultural Studies * | 3 |  |
  - COMM 200 | Public Speaking * | 3 |  |

- The Arts (3 credits)
  - Goal | 3 |  |

- Global Community (9 credits)
  - Goal – Non-US | 3 |  |
  - Goal – US | 3 |  |

- Human Institutions/Interpersonal Relationships (3 credits)
  - PSYC 105 | Introduction to Psychology | 3 |  |

- Science, Technology & Math (12 credits)
  - CHEM 107 | General Chemistry I * | 3 |  |
  - PHYS 211 | General Physics I / Lab * | 4 |  |
  - CHEM 111 | General Chemistry I Laboratory * | 1 |  |
  - MATH 225 | Calculus I * | 4 |  |

- Challenges of the Modern Age (3 credits)
  - Goal | 3 |  |

- ENRICHMENT COURSE REQUIREMENTS (9 credits)
  - Choose one course from three of the following Enrichment areas

- The Arts
- Global Community
- Human Institutions/Interpersonal Relationships

- Science, Technology & Math
  - CHEM 108 | General Chemistry II * | 3 |  |

- OTHER BASIC REQUIREMENTS

Check with your advisor or a current degree audit report to see if you have been exempted from this course. The credit earned in this course will not be counted toward the 120 credit hour minimum needed to earn a degree.

- ACSD 110 | Beginning Algebra | 3 |  |

---

**COMPUTER COMPETENCY**

Students must demonstrate “computer competency” by:

- Passed Exam | Pass Computer Competency Exam

**OR**

- CPSC ____ | Complete one of the following courses: CPSC 100, 110, 130 or PE 202 at SRU or another post-secondary institution | 1-3 |  |

---

**IMPORTANT CURRICULUM GUIDE NOTES**

This Curriculum Guide is provided to help SRU students and prospective students better understand their intended major curriculum. Enrolled SRU students should note that My Rock Audit may place already earned and/or in progress courses in different, yet valid, curriculum categories. Enrolled SRU students should use My Rock Audit 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.

---

**GPA REQUIREMENT- Biology**

1st Major: Biology
- Overall GPA: 2.00 or higher
- Major GPA (only includes Biology courses): 2.00 or higher

2nd Major: Pre-PA SRU 3+2 Biology
- Overall GPA: 3.00 or higher

---

**MAJOR REQUIREMENTS (38 credits)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Cr</th>
<th>Gr</th>
</tr>
</thead>
</table>

- Biology Core Requirements (16 credits)
  - BIOL 104 | Principles of Biology/Lab | 4 |  |
  - BIOL 201 | General Botany / Lab * | 4 |  |
  - BIOL 212 | General Zoology / Lab * | 4 |  |
  - BIOL 250 | Genetics / Lab * | 4 |  |

- Required Upper-Level Biology (7 credits)
  - BIOL 325 | Biometry / Lab | 3 |  |
  - BIOL 330 | Microbiology / Lab * | 3 |  |
  - BIOL 492 | Biology Seminar | 1 |  |

- Upper Division Elective Courses (6 credits)
  - BIOL 335 | Cell Biology / Lab * | 3 |  |
  - BIOL 340 | Vertebrate Anatomy / Lab * | 3 |  |
  - BIOL 370 | Molecular Biology / Lab * | 3 |  |
  - BIOL 410 | Animal Physiology / Lab * | 3 |  |

- Required Courses from other Departments (9 credits)
  - CHEM 112 | General Chemistry II Lab * | 1 |  |
  - CHEM 201 | Organic Chemistry I * | 3 |  |
  - CHEM 202 | Organic Chemistry II * | 3 |  |
  - CHEM 211 | Organic Chemistry I Lab * | 1 |  |
  - CHEM 212 | Organic Chemistry II Lab * | 1 |  |

- Major Field Test
  - Required of all Biology students before graduation
  - FIELD TEST | 1 |  |

- COLLEGE-WIDE REQUIREMENTS (12 credits)
  - CHEM 107 | General Chemistry I * | 3 |  |
  - CHEM 111 | General Chemistry I Lab * | 1 |  |
  - MATH 225 | Calculus I * | 4 |  |
  - PHYS 211 | General Physics I / Lab * | 4 |  |

- ADDITIONAL PHYSICIAN ASSISTANT PREREQUISITE COURSES (7-9 credits) (see page 2 for all Admission Requirements)
  - BIOL 216 | Anatomy & Physiology I / Lab | 3 |  |
  - BIOL 217 | Anatomy & Physiology II / Lab | 3 |  |
  - ERS / HCAM 250 or PA 500 | Medical Terminology or Applied Med Term for PA's | 3 or 1 |  |

---

If you choose to pursue Pre-Physician Assistant SRU 3+2 Biology and are not accepted into the PA program, then additional coursework is required to complete a first major of Biology-Professional. Please refer to the Biology-Professional Curriculum.

---

**ADDITIONAL BIOLOGY REQUIREMENTS**

- Students desiring a Biology Major must maintain at least a 2.00 average in Biology.
- Before progressing to a 200-level course, students must achieve a 2.00 average in 100-level basic requirement Biology courses.
- Students may register in 200-level courses in any order, but must maintain Biology average of 2.00 or better and must complete the 200 core sequence before progressing to 300 and 400-level courses in the major.
- A student must repeat any 200-level course that brings the Biology average below a 2.00.
- Students should complete all 200-level Biology requirements by the end of their sophomore year.

---

If you choose to pursue Pre-Physician Assistant SRU 3+2 Biology and are not accepted into the PA program, then additional coursework is required to complete a first major of Biology-Professional. Please refer to the Biology-Professional Curriculum.

---

**CONTINUED ON PAGE 2**
SLIPPERY ROCK UNIVERSITY
Physician Assistant Studies (Master of Science in Physician Assistant Studies)
Prerequisite Admission Requirements – Pre-Physician Assistant SRU 3+2

PREREQUISITE COURSES - SRU PHYSICIAN ASSISTANT

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 104</td>
<td>Principles of Biology/Lab</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 216</td>
<td>Anatomy and Physiology I/Lab</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 217</td>
<td>Anatomy and Physiology II/Lab</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 250</td>
<td>Genetics/Lab</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 210 or BIOL 330</td>
<td>Medical Microbiology/Lab or Microbiology/Lab</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 107</td>
<td>General Chemistry I</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 111</td>
<td>General Chemistry I Lab</td>
<td>1</td>
</tr>
<tr>
<td>CHEM 108</td>
<td>General Chemistry II</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 112</td>
<td>General Chemistry II Lab</td>
<td>1</td>
</tr>
<tr>
<td>CHEM 201</td>
<td>Organic Chemistry I</td>
<td>3</td>
</tr>
<tr>
<td>**</td>
<td>Inferential Statistics Course</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 105</td>
<td>Introduction to Psychology</td>
<td>3</td>
</tr>
<tr>
<td>ERS / HCAM 250 or PA 500</td>
<td>Medical Terminology or Applied Med Term for PA’s</td>
<td>3 or 1</td>
</tr>
</tbody>
</table>

** Any statistics course with inferential statistics embedded – see My Rock Audit for specific courses.

PRE-PHYSICIAN ASSISTANT SRU 3+2 REQUIREMENTS
If any of these requirements are not met, the 3+2 designation will be removed from the student’s record:
1. A 3.0 or higher overall GPA must be maintained by the student.
2. The student can only be enrolled in the Pre-Physician Assistant SRU 3+2 program for a maximum of three (3) years, full-time continuous enrollment (fall/spring).

FOR ALL ADMISSION REQUIREMENTS
Please refer to Slippery Rock University’s Physician Assistant Studies (Master of Science in Physician Assistant Studies) website for requirements.
http://www.sru.edu/pa

Provision: Should a Pre-Physician Assistant SRU 3+2 student be unsuccessful in completing the 1st year (any of summer, fall, or spring terms) of the Physician Assistant program and wants to complete the original undergraduate degree, it is solely up to the discretion of the undergraduate program Department Chair to determine which, if any, Physician Assistant courses will count toward the completion of his/her undergraduate degree. In addition, students must complete any unfulfilled requirements of their undergraduate major. Students may still apply to the Physician Assistant Studies program with an earned Bachelor's degree.

Revised 10-10-2016 @ 4:00 PM