

Slippery Rock University of Pennsylvania – Curriculum Guide
Bachelor of Science in Biology – w/ Concentration in Professional
Pre-Physician Assistant SRU 3+2

FRESHMAN ENTERING ON OR AFTER FALL 2019

ROCK STUDIES REQUIREMENTS (45 Credits)		
Course	Title	Cr
THE ROCK (16 credits)		
[DEPT] 139	University Seminar	3
ENGL 102	Critical Writing	3
ENGL 104	Critical Reading	3
COMM 200 or PHIL 110 or POLS 235	Civil Discourse Ethics and Civil Discourse Civil Discourse and Democracy	3
MATH 225	Calculus I	4
INTEGRATED INQUIRY (17 credits)		
Creative and Aesthetic Inquiry (3 credits)		
Humanities Inquiry (3 credits)		
Social Science Inquiry (3 credits)		
PSYC 105	Introduction to Psychology	3
Natural Science Inquiry (4 credits)		
CHEM 107	General Chemistry I	3
CHEM 111	General Chemistry I Lab	1
Physical Science Inquiry (4 credits)		
PHYS 211	General Physics I/Lab	4
THEMATIC THREAD (12 credits)		
Choose 12 credits (from at least 3 Categories; no more than 6 credits from one department; 6 credits must be 300-level or above)		

COMPUTER COMPETENCY		
Students must demonstrate “computer competency” by:		
Passed Exam	Pass Computer Competency Exam at SRU	3
OR		
CPSC ____	Complete one of the following courses: CPSC 100, 110, 130, or PE202 at SRU or another post-secondary institution	1-3

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

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 the My Rock Audit may place already-earned and/or in progress courses in different, yet valid, curriculum 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.

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. Volunteering
2. Job Shadowing

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: 3.25 or higher

MAJOR REQUIREMENTS (41 credits)		
Course	Title	Cr
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 (12 credits)		
CHEM 108	General Chemistry II★	3
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

NATURAL SCIENCE AND MATH COLLEGE-WIDE REQUIREMENTS		
Students must take the following four courses (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 (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	Medical Terminology	3

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 Guide.

BIOLOGY PROGRAM REQUIREMENTS

- Students desiring a Biology Major must maintain at least a 2.000 average in Biology.
- Before progressing to a 200-level course, students must achieve a 2.000 average in Principles of Biology - BIOL 104.
- Students may register in 200-level courses in any order, but must maintain a Biology average of 2.000 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 2.000.
- Students should complete all 200-level Biology requirements by the end of their sophomore year.

BIOLOGY – BS (6108)
PRE-PA SRU 3+2 (6SPB)
 Effective Fall 2019
 Revised 10-2019
 UCC 2/5/2019

CONTINUED ON PAGE 2

SLIPPERY ROCK UNIVERSITY
Physician Assistant Studies (Master of Science in Physician Assistant Studies)
Prerequisite Admission Requirements – Pre- Physician Assistant 3+2
Liberal Studies and Rock Studies

PREREQUISITE COURSES- SRU PHYSICIAN ASSISTANT

Course Number	Course Title	Credits
BIOL 104	Principles of Biology/Lab	4
BIOL 216	Anatomy and Physiology I/Lab	3
BIOL 217	Anatomy and Physiology II/Lab	3
BIOL 250	Genetics/Lab	4
BIOL 210 or BIOL 330	Medical Microbiology/Lab or Microbiology/Lab	3
CHEM 107	General Chemistry I	3
CHEM 111	General Chemistry I Lab	1
CHEM 108	General Chemistry II	3
CHEM 112	General Chemistry II Lab	1
CHEM 201	Organic Chemistry I	3
**	Inferential Statistics Course <i>** Any statistics course with inferential statistics embedded See My Rock Audit for specific courses.</i>	3
PSYC 105	Introduction to Psychology	3
ERS/HCAM 250	Medical Terminology	3

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 **3.25** 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 APPLICATION 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 two semesters (summer or fall) 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.