

# EXERCISE SCIENCE, BACHELOR OF SCIENCE (BS) / PRE-PHYSICIAN ASSISTANT (SRU) (3+2) - ROCK STUDIES

If you are a Liberal Studies student, please click here (<http://catalog.sru.edu/undergraduate/health-engineering-sciences/exercise-rehabilitative-sciences/exercise-science-bs-pre-physician-assistant-liberal/#curriculumguidetext>) for your Curriculum Guide.

## Curriculum Guide

### GPA Requirement – Exercise Science

#### 1<sup>st</sup> Major: Exercise Science

- Overall GPA: 2.00 or higher
- Major GPA (includes Major Requirements and College Wide Requirements): 2.00 or higher

#### 2<sup>nd</sup> Major: Pre-PA SRU 3+2 Exercise Science

- Overall GPA: 3.25 or higher

### Summary\*

Code	Title	Hours
	Rock Studies Requirements	43
	Other Basic Requirements	0-3
	Computer Competency	0-3
	Major Requirements	45
	Natural Science and Math College-Wide Requirements	12
	Electives	31

\* All undergraduate degree programs require a minimum of 120 credits. Some courses meet multiple requirements, but are only counted once toward the 120 credit total required to graduate. However, because this is a pre-professional program, credits taken during the 1<sup>st</sup> year of the graduate program are applied toward the undergraduate credit hours to meet the 120 credits required for your undergraduate degree.

### Rock Studies Requirements

Code	Title	Hours
<b>The Rock</b>		
SUBJ 139	University Seminar <sup>1</sup>	3
ENGL 102	Critical Writing	3
ENGL 104	Critical Reading	3
STAT 152	Elementary Statistics I	3
Select one of the following:		3
COMM 200	Civil Discourse: Theory & Practice	
PHIL 110	Ethics and Civil Discourse	
POLS 235	Civil Discourse and Democracy	
Subtotal		15

#### Integrated Inquiry

<i>Creative and Aesthetic Inquiry</i>		
Select 3 Credits ( <a href="http://catalog.sru.edu/undergraduate/rock-studies/rock-studies-quick-guide/">http://catalog.sru.edu/undergraduate/rock-studies/rock-studies-quick-guide/</a> )		3

<i>Humanities Inquiry</i>		
Select 3 Credits ( <a href="http://catalog.sru.edu/undergraduate/rock-studies/rock-studies-quick-guide/">http://catalog.sru.edu/undergraduate/rock-studies/rock-studies-quick-guide/</a> )		3
<i>Social Science Inquiry</i>		
PSYC 105	Introduction to Psychology	3
<i>Natural Sciences Inquiry</i>		
BIOL 216	Anatomy and Physiology I with Lab	3
<i>Physical Science Inquiry</i>		
PHYS 201	Elements of Physics I with Lab	4
Subtotal		16
<b>Thematic Thread</b>		
Select 12 Credits ( <a href="http://catalog.sru.edu/undergraduate/rock-studies/rock-studies-quick-guide/">http://catalog.sru.edu/undergraduate/rock-studies/rock-studies-quick-guide/</a> ) <sup>2</sup>		12
Total Hours		43

<sup>1</sup> Course offered in multiple subjects; cannot take course in first major subject

<sup>2</sup> From at least 3 categories; no more than 6 credits from one department; 6 credits must be 300-level or above.

### Basic Math Requirement

Check with your adviser 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.

Code	Title	Hours
Complete one of the following:		0-3
Meet required minimum SAT or ACT math score OR		
ACSD 110	Beginning Algebra	
Total Hours		0-3

### Computer Competency

Code	Title	Hours
Demonstrate "computer competency" by one of the following:		0-3
Pass Computer Competency Exam OR		
Select one of the following at SRU or another post-secondary institution:		
CPSC 100	Introduction to Computing for Liberal Arts	
CPSC 110	Computer Concepts	
CPSC 130	Introduction to Computing and Programming	
PE 202	Technology for Wellness	
Total Hours		0-3

### Major Requirements

- If you choose to pursue Pre-Physician Assistant SRU 3+2 Exercise Science and are not accepted into the PA program, then ERS 450: Internship is required to complete a first major of Exercise Science. Please refer to the Exercise Science Curriculum Guide.

Code	Title	Hours
<b>Required Basic Courses</b>		
Must earn a "C" or better in the following courses		
ERS 100	Introduction to Exercise Science: Careers and Content <sup>1,2</sup>	3
ERS 101	Applied Anatomy/Lab <sup>1,2</sup>	3

ERS 201	Exercise Physiology with Lab <sup>1,2</sup>	3
ERS 202	Biomechanics with Lab <sup>1,2</sup>	3
ERS 300	Research Methods in Exercise Science <sup>1,2</sup>	3
ERS 301	Aerobic Exercise Leadership <sup>1,2</sup>	3
ERS 302	Exercise Leadership: Resistance Training <sup>1,2</sup>	3

Subtotal 21

#### Required Upper Level Courses (24 credits if accepted to SRU PA Program)

Must earn a "C" or better in the following courses

ERS 424	Nutrition and Exercise <sup>1,2</sup>	3
or HLTH 424	Nutrition and Exercise	
ERS 400	Wellness coaching and Program Management <sup>1,2</sup>	3
ERS 401	Fitness Assessment <sup>1,2</sup>	3
ERS 402	Exercise Prescription <sup>1,2</sup>	3
ERS 403	Advanced Exercise Physiology <sup>1,2</sup>	3
ERS 410	Clinical Exercise Physiology <sup>1,2</sup>	3
ERS 411	Exercise Science: Special Populations and Conditions <sup>1,2</sup>	3
ERS 412	Exercise Science: Senior Synthesis <sup>1,2</sup>	3
Subtotal		24

Total Hours 45

<sup>1</sup> Course counts toward Major GPA

<sup>2</sup> Course counts for 50% of Major requirements

\* Some courses may require pre-requisites. Please see course descriptions to determine if there are any pre-requisites for that specific course.

### Natural Science and Math College Wide Requirements

Code	Title	Hours
Must earn a "C" or better in the following courses		
BIOL 216	Anatomy and Physiology I with Lab <sup>1</sup>	3
BIOL 217	Anatomy and Physiology II with Lab <sup>1</sup>	3
STAT 152	Elementary Statistics I <sup>1</sup>	3
PHYS 201	Elements of Physics I with Lab <sup>1</sup>	4
Total Hours		13

<sup>1</sup> Course counts toward Major GPA

### Additional Physician Assistant Prerequisite Courses

Code	Title	Hours
BIOL 104	Principles of Biology with Lab	4
BIOL 250	Genetics with Lab	4
BIOL 210	Medical Microbiology with Lab	3
or BIOL 330	Microbiology/Lab	
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
ERS 250	Medical Terminology	3

or HCAM 250 Medical Terminology for Healthcare Administrators

Total Hours 25

### Physician Assistant Studies (Master of Science in Physician Assistant Studies)

#### Prerequisite Admission Requirements – Pre- Physician Assistant 3+2

##### 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> (<http://www.sru.edu/pa/>)

#### Liberal Studies and Rock Studies

Code	Title	Hours
<b>Prerequisite Courses - SRU Physician Assistant</b>		
BIOL 104	Principles of Biology with Lab	4
BIOL 216	Anatomy and Physiology I with Lab	3
BIOL 217	Anatomy and Physiology II with Lab	3
BIOL 250	Genetics with Lab	4
BIOL 210	Medical Microbiology with Lab	3
or BIOL 330	Microbiology/Lab	
CHEM 107	General Chemistry I	4
& CHEM 111	and General Chemistry I Lab	
CHEM 108	General Chemistry II	4
& CHEM 112	and General Chemistry II Lab	
CHEM 201	Organic Chemistry I	3
Inferential Statistics Course <sup>1</sup>		3
PSYC 105	Introduction to Psychology	3
ERS 250	Medical Terminology	3
or HCAM 250	Medical Terminology for Healthcare Administrators	

Total Hours 37

<sup>1</sup> 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 3.25 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).

#### Provision

Should a Pre-Physician Assistant SRU 3+2 student be unsuccessful in completing the 1<sup>st</sup> 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.

## 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 advisers to ensure accurate progress towards degree completion. *The information on this guide is current as of the date listed. Students are responsible for curriculum requirements at the time of enrollment at the University.*

PASSHE - Pennsylvania State System of Higher Education Institutions

EXERCISE SCIENCE - BS (6149)

PRE-PA SRU 3+2 (6SPE)

This program is effective as of 2019.

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