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

CURRICULUM GUIDE

GPA REQUIREMENT – EXERCISE SCIENCE

1st Major: Exercise Science

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

2nd Major: Pre-PA SRU 3+2 Exercise Science

- Overall GPA: 3.25 or higher

SUMMARY*

Code	Title	Hours
Rock Studies 2 Requirements		44
Other Basic Requirements		0-3
Computer Competency		0-3
Major Requirements		45
Natural Science and Math College-Wide Requirements		15
Additional Physician Assistant Prerequisite Courses		28
Electives		0

* 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 1st year of the graduate program are applied toward the undergraduate credit hours to meet the 120 credits required for your undergraduate degree.

ROCK STUDIES 2 REQUIREMENTS

Code	Title	Hours
The Rock		
SUBJ 139	Foundations of Academic Discovery [1]	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		
Creative and Aesthetic Inquiry		
Select 3 Credits (https://catalog.sru.edu/undergraduate/rock-studies/rock-studies-program/)		3
Humanities Inquiry		
Select 3 Credits (https://catalog.sru.edu/undergraduate/rock-studies/rock-studies-program/)		3
Social Science Inquiry		
Select 3 Credits (https://catalog.sru.edu/undergraduate/rock-studies/rock-studies-program/)		3
Natural Sciences Inquiry		
BIOL 209	Human Anatomy and Physiology I	4
Physical Science Inquiry		
PHYS 201	Elements of Physics I with Lab	4
Subtotal		17
Thematic Thread		
Select 12 Credits (https://catalog.sru.edu/undergraduate/rock-studies/rock-studies-program/) [2,3]		12
Total Hours		**44**

1 Course offered in multiple subjects; cannot take course in first major subject

2 One course from each category; six credits must be 300-level or above; no more than 4 credits from one subject area; specific courses required in first major, regardless of prefix of course, cannot be used to satisfy thread requirements; any course with same prefix as first major cannot be used to satisfy thread requirements, even if it is not a course in the first major.

3 Additional Physician Assistant prerequisite courses may be fulfilled in a Thematic Thread.

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		
ESAP 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**

DIVERSITY, EQUITY, AND INCLUSION REQUIREMENT

Students must take and pass a course with the Diversity, Equity, and Inclusion (DEI) designation prior to graduation. Students can meet this requirement by taking any DEI - designated course in any program at any time during their undergraduate career.

MAJOR REQUIREMENTS

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

Code	Title	Hours
Required Basic Courses		
Must earn a "C" or better in the following courses		
EXSC 100	Introduction to Exercise Science: Careers and Content [1,2]	3
EXSC 101	Applied Anatomy/Lab [1,2]	3
EXSC 201	Exercise Physiology with Lab [1,2]	3
EXSC 202	Biomechanics with Lab [1,2]	3
EXSC 300	Research Methods in Exercise Science [1,2]	3
EXSC 301	Aerobic Exercise Leadership [1,2]	3
EXSC 302	Exercise Leadership: Resistance Training [1,2]	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		
EXSC 400	Wellness Coaching and Program Management [1,2]	3
EXSC 401	Fitness Assessment [1,2]	3
EXSC 402	Exercise Prescription [1,2]	3
EXSC 403	Advanced Exercise Physiology [1,2]	3
EXSC 410	Clinical Exercise Physiology [1,2]	3
EXSC 411	Exercise Science: Special Populations and Conditions [1,2]	3
EXSC 412	Exercise Science: Senior Synthesis [1,2]	3
EXSC 424	Nutrition and Exercise [1,2]	3
Subtotal		24
Total Hours		**45**

[1] Course counts toward Major GPA
[2] 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 209	Human Anatomy and Physiology I	4
BIOL 309	Human Anatomy and Physiology II	4
PHYS 201	Elements of Physics I with Lab [1]	4
STAT 152	Elementary Statistics I [1]	3
Total Hours		**15**

[1] Course counts toward Major GPA

ADDITIONAL PHYSICIAN ASSISTANT PREREQUISITE COURSES

Code	Title	Hours
BIOL 114	Biology II: Foundations of Molecules, Genes and Cells 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
EXSC 250	Medical Terminology	3
or HCAM 250	Medical Terminology for Healthcare Administrators	
PSYC 105	Introduction to Psychology	3
Total Hours		**28**

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/)

Rock Studies 2

Code	Title	Hours
Prerequisite Courses - SRU Physician Assistant		
BIOL 114	Biology II: Foundations of Molecules, Genes and Cells with Lab	4
BIOL 210	Medical Microbiology with Lab	3
or BIOL 330	Microbiology/Lab	
BIOL 209	Human Anatomy and Physiology I	4
BIOL 309	Human Anatomy and Physiology II	4
BIOL 250	Genetics with Lab	4
CHEM 107 & CHEM 111	General Chemistry I and General Chemistry I Lab	4
CHEM 108 & CHEM 112	General Chemistry II and General Chemistry II Lab	4
CHEM 201	Organic Chemistry I	3
EXSC 250	Medical Terminology	3
or HCAM 250	Medical Terminology for Healthcare Administrators	
PSYC 105	Introduction to Psychology	3
Inferential Statistics Course		*3*
BIOL 325	Biostatistics and Experimental Design with Lab	
STAT 152	Elementary Statistics I	
Total Hours		**39**

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 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.

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 Summer 2022
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