

EXERCISE SCIENCE, BACHELOR OF SCIENCE (BS) / PRE-PHYSICAL THERAPY (SRU) (TRADITIONAL)

Curriculum Guide

GPA Requirement - Exercise Science

Overall GPA: 2.00 or higher

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

Summary*

Code	Title	Hours
	Rock Studies Requirements	43
	Other Basic Requirements	0-3
	Computer Competency	0-3
	Major Requirements	57
	Natural Science and Math College-Wide Requirements	12
	Electives	15

* 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.

Rock Studies Requirements

Code	Title	Hours
The Rock		
SUBJ 139	University Seminar 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		
<i>Creative and Aesthetic Inquiry</i>		
Select 3 Credits (https://catalog.sru.edu/undergraduate/rock-studies/rock-studies-quick-guide/)		3
<i>Humanities Inquiry</i>		
Select 3 Credits (https://catalog.sru.edu/undergraduate/rock-studies/rock-studies-quick-guide/)		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
Thematic Thread		

Select 12 Credits (https://catalog.sru.edu/undergraduate/rock-studies/rock-studies-quick-guide/) ²	12
Total Hours	43

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

² 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		
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

Major Requirements

- 29 major credits must be taken at SRU or PASSHE
- 29 major credits must be taken at the 300 level or above
- Students may choose to earn a BS in Exercise Science as preparation for graduate studies in many health care related fields. In this case, the student should learn what prerequisites are required for his/her intended graduate program and take those courses as electives while completing the Exercise Science Program.

Code	Title	Hours
Required Basic Courses		
Must earn a "C" or better in the following courses		
ERS 100	Introduction to Exercise Science: Careers and Content ^{1,2}	3
ERS 101	Applied Anatomy/Lab ^{1,2}	3
ERS 201	Exercise Physiology with Lab ^{1,2}	3
ERS 202	Biomechanics with Lab ^{1,2}	3
ERS 300	Research Methods in Exercise Science ^{1,2}	3
ERS 301	Aerobic Exercise Leadership ^{1,2}	3
ERS 302	Exercise Leadership: Resistance Training ^{1,2}	3
Subtotal		21
Required Upper Level Courses		

Must earn a "C" or better in the following courses		
ERS 424	Nutrition and Exercise ^{1,2}	3
or HLTH 424	Nutrition and Exercise	
ERS 400	Wellness coaching and Program Management ^{1,2}	3
ERS 401	Fitness Assessment ^{1,2}	3
ERS 402	Exercise Prescription ^{1,2}	3
ERS 403	Advanced Exercise Physiology ^{1,2}	3
ERS 410	Clinical Exercise Physiology ^{1,2}	3
ERS 411	Exercise Science: Special Populations and Conditions ^{1,2}	3
ERS 412	Exercise Science: Senior Synthesis ^{1,2}	3
ERS 450	Exercise Science Internship ^{1,2}	6
ERS 450	Exercise Science Internship ^{1,2}	6
Subtotal		36
Total Hours		57

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 216	Anatomy and Physiology I with Lab ¹	3
BIOL 217	Anatomy and Physiology II with Lab ¹	3
STAT 152	Elementary Statistics I ¹	3
PHYS 201	Elements of Physics I with Lab ¹	4
Total Hours		13

¹ Course counts toward Major GPA

Additional Physical Therapy Prerequisite Courses

Code	Title	Hours
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
PHYS 202	Elements of Physics II/ Lab	4
PSYC XXX	See My Rock Audit for options	3

Doctor of Physical Therapy (DPT) Prerequisite Admission Requirements

For Application Requirements

Please refer to Slippery Rock University's Physical Therapy (Doctor of Physical Therapy) website for requirements: www.sru.edu/PT/ (<http://www.sru.edu/PT/>)

Liberal Studies and Rock Studies

Code	Title	Hours
Prerequisite Courses - SRU Physical Therapy		
Select one of the following:		6

BIOL 216 & BIOL 217	Anatomy and Physiology I with Lab and Anatomy and Physiology II with Lab	
BIOL 340 & BIOL 410	Vertebrate Anatomy with Lab and Animal Physiology with Lab	
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
Select one of the following:		8
PHYS 201 & PHYS 202	Elements of Physics I with Lab and Elements of Physics II/ Lab	
PHYS 211 & PHYS 213	General Physics I with Lab and General Physics III/ Lab	
STAT 152 or BIOL 325	Elementary Statistics I Biometry with Lab	3
PSYC 105	Introduction to Psychology	3
Additional Psychology Course ¹		3
Total Hours		31

¹ See My Rock Audit for specific courses.

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-PT (SRU Traditional)
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