

EXERCISE SCIENCE, BACHELOR OF SCIENCE (BS) / PRE-PHYSICAL THERAPY (SRU) (3+3)

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-PT SRU 3+3 Exercise Science

- Overall GPA: 3.00 or higher

SUMMARY*

| Code | Title | Hours |
|------|--|-------|
| | Rock Studies 2 Requirements | 44 |
| | Other Basic Requirements | 0-3 |
| | Major Requirements | 45 |
| | Natural Science and Math College-Wide Requirements | 15 |
| | Additional Physical Therapy Prerequisite Courses | 18 |
| | Electives | 9 |

* 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 | | |
| <i>Creative and Aesthetic Inquiry</i> | | |
| Select 3 Credits (https://catalog.sru.edu/undergraduate/rock-studies/rock-studies-program/) | | 3 |
| <i>Humanities Inquiry</i> | | |
| Select 3 Credits (https://catalog.sru.edu/undergraduate/rock-studies/rock-studies-program/) | | 3 |
| <i>Social Science Inquiry</i> | | |

| | | |
|--|--------------------------------|-----------|
| Select 3 Credits (https://catalog.sru.edu/undergraduate/rock-studies/rock-studies-program/) | | 3 |
| <i>Natural Sciences Inquiry</i> | | |
| BIOL 209 | Human Anatomy and Physiology I | 4 |
| <i>Physical Science Inquiry</i> | | |
| 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 Physical Therapy 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 |

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-Physical Therapy SRU 3+3 Exercise Science and are not accepted into the DPT 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 DPT 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 GPA² 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 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 105 | Introduction to Psychology | 3 |
| PSYC | Additional PSYC Course (see Rock Audit) | 3 |
| Total Hours | | 18 |

Doctor of Physical Therapy (DPT) Prerequisite Admission Requirements – Pre-Physical Therapy SRU 3+3

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/>).

Rock Studies 2

| Code | Title | Hours |
|--|---|--------------|
| Prerequisite Courses - SRU Physical Therapy | | |
| Select one of the following: | | 6-8 |
| BIOL 209 & BIOL 309 | Human Anatomy and Physiology I and Human Anatomy and Physiology II | |
| 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 216 & PHYS 217 | University Physics 1 with Lab and University Physics 2 with Lab | |
| STAT 152 or BIOL 325 | Elementary Statistics I Biostatistics and Experimental Design with Lab | 3 |
| PSYC 105 | Introduction to Psychology | 3 |
| PSYC 244 or PSYC 276 | Developmental Psychology Introduction to Abnormal Psychology | 3 |
| Total Hours | | 31-33 |

Requirements for Pre-Physical Therapy SRU 3+3

If any of these requirements are not met, the 3+3 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-Physical Therapy SRU 3+3 program for a maximum of three (3) years, full-time continuous enrollment (fall/spring).

Provision

Should a Pre-Physical Therapy SRU 3+3 student be unsuccessful in completing the 1st two semesters (fall or spring) of the Doctor of Physical Therapy 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, Physical Therapy 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 Doctor of Physical Therapy 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-PT SRU 3+3 (61P9)

This program is effective as of Summer 2022

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