

CHEMISTRY, PRE-PHARMACY (DUQUESNE) (2+4)

Pre-Acceptance Requirements

To be considered for the pre-acceptance program at Slippery Rock University, students must:

- Have a minimum high school QPA of 3.0.
- Score a minimum of 1130 on their SAT or 23 on their ACT.
- Demonstrate evidence of leadership potential, community service, and involvement in co-curricular activities.
- Provide one letter of recommendation from either a high school teacher or guidance counselor.

To maintain satisfactory progress in the Duquesne pre-pharmacy program, students must:

- Complete the curricular requirements described in their SRU curriculum guide.
- Earn a letter grade of "C" or better in all courses.
- Maintain a minimum QPA of 2.50.

For the 2+4 program: Students should prepare to take the PCAT but October of their sophomore year at Slippery Rock University.

For the 3+4 program: Students should prepare to take the PCAT but October of their junior year at Slippery Rock University.

Before January 15th of their sophomore year (for the 2+4 option) and their junior year (for the 3+4 option), prospective students must apply to Duquesne University. In addition to the grade and QPA requirements listed above, formal acceptance in the PharmD program requires that students:

- Attain a PCAT score of 375 or better.
- Participate in an interview process with the Duquesne University School of Pharmacy faculty.
- Submit a letter of recommendation from the SRU Pre-Pharmacy Selection Committee.
- Provide evidence of leadership potential and commitment to the pharmacy profession.

Preference will be granted to candidates who:

- Attain a PCAT score of 400 or better.
- Maintain a QPA of 3.00 or higher for all science and math courses.
- Maintain a cumulative QPA of 3.00 or higher.

Related Links

Chemistry: Pre-Pharmacy (Duquesne) Program Page ([https://www.sru.edu/academics/majors-and-minors/chemistry-pre-pharmacy-\(duquesne\)/](https://www.sru.edu/academics/majors-and-minors/chemistry-pre-pharmacy-(duquesne)/))

Chemistry Department Page (<https://www.sru.edu/academics/colleges-and-departments/ches/departments/chemistry/>)

Professional Licensure/Certification Page (<https://www.sru.edu/students/student-consumer-information/professional-licensure/>)

Curriculum Guide

GPA Requirement

Overall GPA: 3.00 or higher Math/Science Course GPA: 3.00 or higher

Summary

Code	Title	Hours
	Rock Studies 2 Requirements	33
	Other Basic Requirements	0-3
	Computer Competency	0-3
	Major/Concentration Requirements	24
	Natural Science and Math College-Wide Requirements	12

Rock Studies 2 Requirements

Code	Title	Hours
The Rock		
SUBJ 139	Foundations of Academic Discovery ¹	3
PHIL 110	Ethics and Civil Discourse	3
ENGL 102	Critical Writing	3
ENGL 104	Critical Reading	3
MATH 225	Calculus I	4
	Subtotal	16

Integrated Inquiry

Creative and Aesthetic Inquiry

Select 3 Credits (https://catalog.sru.edu/undergraduate/rock-studies/rock-studies-quick-guide/)	3
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Humanities Inquiry

Select 3 Credits (https://catalog.sru.edu/undergraduate/rock-studies/rock-studies-quick-guide/)	3
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Social Science Inquiry

Select 3 Credits (https://catalog.sru.edu/undergraduate/rock-studies/rock-studies-quick-guide/)	3
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Natural Science Inquiry

CHEM 107 & CHEM 111	General Chemistry I and General Chemistry I Lab	4
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Physical Science Inquiry

PHYS 216	University Physics 1 with Lab	4
	Subtotal	17

Total Hours 33

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

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/Concentration Requirements

Code	Title	Hours
Required Introductory Chemistry Courses		
CHEM 108	General Chemistry II	3
CHEM 112	General Chemistry II Lab	1
Subtotal		4
Required Foundation Chemistry Courses		
CHEM 201	Organic Chemistry I	3
CHEM 211	Organic Chemistry Laboratory I	1
Subtotal		4
Required In-Depth Chemistry Courses		
CHEM 202	Organic Chemistry II	3
CHEM 212	Organic Chemistry Laboratory II	1
Subtotal		4
Cognate Courses		
BIOL 114	Biology II: Foundations of Molecules, Genes and Cells with Lab	4
MATH 230	Calculus II	4
PHYS 217	University Physics 2 with Lab	4
Subtotal		12
Total Hours		24

* 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
CHEM 107	General Chemistry I	3
CHEM 111	General Chemistry I Lab	1
MATH 225	Calculus I	4
PHYS 216	University Physics 1 with Lab	4

Additional Pre-Pharmacy Prerequisite Courses

Code	Title	Hours
BIOL 250	Genetics with Lab	4
PHIL 110	Ethics and Civil Discourse	3
PHIL 140	World Religions	3
PSYC 105	Introduction to Psychology	3
STAT 152	Elementary Statistics I	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 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

Chemistry/Pre-Pharmacy Duquesne 2+4 (61DP)

This program is effective as of Summer 2022

Revised 07.06.2022

UCC 03.22.2022

Recommended Two-Year Plan

Course	Title	Hours
First Year		
Fall		
CHEM 107	General Chemistry I	3
CHEM 111	General Chemistry I Lab	1
BIOL 104		4
MATH 125	Precalculus	4
ESAP 101	FIRST Seminar ²	1
SUBJ 139	Foundations of Academic Discovery ¹	3
Hours		16
Spring		
CHEM 108	General Chemistry II	3
CHEM 112	General Chemistry II Lab	1
BIOL 250	Genetics with Lab	4
ENGL 102	Critical Writing	3
MATH 225	Calculus I	4
Hours		15
Second Year		
Fall		
CHEM 201	Organic Chemistry I	3
CHEM 211	Organic Chemistry Laboratory I	1
CHEM 243	Introduction to Research in Chemistry	1
ENGL 104	Critical Reading	3
MATH 230	Calculus II	4
PHYS 216	University Physics 1 with Lab	4
Hours		16
Spring		
CHEM 202	Organic Chemistry II	3

CHEM 212	Organic Chemistry Laboratory II	1
PHIL 140	World Religions	3
PHYS 216	University Physics 1 with Lab	4
PSYC 105	Introduction to Psychology	3
STAT 152	Elementary Statistics I	3
Hours		17
Total Hours**		64

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

² Students are encouraged to take ESAP 101 as a Free Elective.

* Prepare to take PCAT by October, Fall of Sophomore Year.

Major Code: 61DP

UCC 02.02.2021

Revised: 08.02.2021

*** This document is meant to serve as a guide. Some planners may show more than 120 credits because faculty have created flexibility in choosing courses. However, only 120 credits are required to obtain a degree. Please consult with your academic adviser and refer to your curriculum guide prior to registering for courses. This plan should be reviewed, and verified, by you and your academic adviser at least once each academic year.*