

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

## 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
<b>The Rock</b>		
SUBJ 139	Foundations of Academic Discovery <sup>1</sup>	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
<b>Integrated Inquiry</b>		
<i>Creative and Aesthetic Inquiry</i>		
Select 3 Credits ( <a href="https://catalog.sru.edu/undergraduate/rock-studies/rock-studies-quick-guide/">https://catalog.sru.edu/undergraduate/rock-studies/rock-studies-quick-guide/</a> )		3
<i>Humanities Inquiry</i>		
Select 3 Credits ( <a href="https://catalog.sru.edu/undergraduate/rock-studies/rock-studies-quick-guide/">https://catalog.sru.edu/undergraduate/rock-studies/rock-studies-quick-guide/</a> )		3
<i>Social Science Inquiry</i>		
Select 3 Credits ( <a href="https://catalog.sru.edu/undergraduate/rock-studies/rock-studies-quick-guide/">https://catalog.sru.edu/undergraduate/rock-studies/rock-studies-quick-guide/</a> )		3
<i>Natural Science Inquiry</i>		
CHEM 107 & CHEM 111	General Chemistry I and General Chemistry I Lab	4
<i>Physical Science Inquiry</i>		
PHYS 216	University Physics 1 with Lab	4
Subtotal		17
<b>Total Hours</b>		<b>33</b>

<sup>1</sup> 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:		
Meet required minimum SAT or ACT math score OR		
ESAP 110	Beginning Algebra	0-3
<b>Total Hours</b>		<b>0-3</b>

### Computer Competency

Code	Title	Hours
Demonstrate "computer competency" by one of the following:		
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	
<b>Total Hours</b>		<b>0-3</b>

### 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
<b>Required Introductory Chemistry Courses</b>		
CHEM 108	General Chemistry II	3
CHEM 112	General Chemistry II Lab	1
Subtotal		4
<b>Required Foundation Chemistry Courses</b>		
CHEM 201	Organic Chemistry I	3
CHEM 211	Organic Chemistry Laboratory I	1
Subtotal		4
<b>Required In-Depth Chemistry Courses</b>		
CHEM 202	Organic Chemistry II	3
CHEM 212	Organic Chemistry Laboratory II	1
Subtotal		4
<b>Cognate Courses</b>		
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
<b>Total Hours</b>		<b>24</b>

\* 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