

BIOCHEMISTRY (120 credits)
8 Semester Graduation Plan

Students are responsible for reviewing and tracking their own progress toward degree requirements. This plan is provided as a general guideline. It DOES NOT reduce the importance of careful discussions between a student and his or her academic advisor and the use of the Degree Progress Report.

IMPORTANT REMINDERS:

1. A minimum of 30 Core/General Education credits must be completed from the required seven areas.
2. A minimum of 120 credits with at least 45 upper-level credits are required to graduate. Upper-level courses are numbered from 3000 to 4999 at Purchase College.
3. A minimum of 60 credits outside of your board of study are required to graduate. These courses have a 3-letter prefix other than that of your major.
4. A maximum of 4 credits of Physical Education can be applied to the degree.

Year 1

Fall Semester		
Course		Credits
FRS1030	First-Year Seminar	1
WRI1110	College Writing (Basic Comm Core)	4
CHE1550	General Chemistry I (Natural Sci Core)	5
CHE 1551	General Chemistry I Lab	1
MAT1500	Calculus I (Math Core)	4
Total		15

Spring Semester		
Course		Credits
CHE1560	General Chemistry II	5
CHE1561	General Chemistry II Lab	1
MAT1510	Calculus II	4
Core	Humanities Group Core	4
Core	Health/Wellness Core	1
Total		15

Year 2

Fall Semester		
Course		Credits
CHE3310	Organic Chemistry 1	4
CHE3310	Organic Chemistry 1 Lab	1
PHY1510	Intro to Physics 1	5
PHY1511	Intro to Physics 1 Lab	1
BIO1550	General Biology 1	4
BIO1551	General Biology 1 Lab	1.5
Total		16.5

Spring Semester		
Course		Credits
CHE3320	Organic Chemistry 2	4
CHE3320	Organic Chemistry 2 Lab	1
PHY1520	Intro to Physics 2	5
PHY1521	Intro to Physics 2 Lab	1
Core	Social Sciences core	3
Elective	Elective	3
Total		17

Year 3

Fall Semester		
Course		Credits
CHE4610	Biochemistry	4
CHE4610	Biochemistry Lab	2
BIO3530	Cell Biology	4
Elective	Elective	4
Core	Languages and Cultures Core	4
Total		18

Spring Semester		
Course		Credits
CHE3150	Chemical Instrumentation	5
BCM3880	Biochemistry Junior Seminar	2
BIO4620	Molecular Biology	4
Core	General Education Core Elective	4
Total		15

Year 4

Fall Semester		
Course		Credits
SPJ4990	Senior Project	4
BCM4880	Biochemistry Senior Seminar I	1
3000/4000	Upper Level Bio Elective	4
Core	Arts Core	3
3000/4000	Upper Level Elective	3
Total		15

Spring Semester		
Course		Credits
SPJ4991	Senior Project	4
BCM4890	Biochemistry Senior Seminar II	1
CHE3510	Physical Chemistry I Lecture and Lab	5
3000/4000	Upper Level Elective	3
Elective	Elective	3
Total		16