

BIOLOGY – BS degree (128 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 online [Degree Progress Report](#) program.

IMPORTANT REMINDERS:

1. A MINIMUM OF 30 CORE/GENEAL 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
BIO1880	Biology Freshman Seminar	1
BIO1550	General Biology I and Lab (NS Core)	5.5
Core	Humanities Group	4
Core	Health/Wellness	1
LWR1110	College Writing (Basic Comm Core)	4
Total		15.5

Spring Semester		
Course		Credits
BIO1560	General Biology II and Lab	5.5
MAT1150	Precalculus (if needed) or Elective	4
Core	Social Science	3
Core	Elective	4
Total		16.5

Year 2

Fall Semester		
Course		Credits
BIO2890	Biology Program Seminar	2
BIO3530	Cell Biology	4
CHE1550	General Chemistry I and lab	5
Core	Arts	3
Total		14

Spring Semester		
Course		Credits
BIO3***	Advanced Bio Elective with Lab	5.5
BIO3***	Advanced Bio Elective with Lab	5.5
CHE1560	General Chemistry II and Lab	5
Total		16

Year 3

Fall Semester		
Course		Credits
BIO3***	Advanced Biology Elective w/o Lab	4
CHE3310	Organic Chemistry I and Lab	5
Core	Language and Culture	4
Core	Mathematics Core fulfilled by Basic Science Support Course I	4
Total		17

Spring Semester		
Course		Credits
BIO3890	Biology Junior Seminar	3
BIO3***	Advanced Biology Elective with Lab	5.5
CHE3320	Organic Chemistry II and Lab	5
3000/4000	Upper Level Elective	3
Total		16.5

Year 4

Fall Semester		
Course		Credits
BIO4990	Senior Project	4
BIO4***	Advanced Biology Elective w/o Lab	4
3000/4000	Upper Level Elective	4
*****	Basic Science Support Course II	4
Total		16

Spring Semester		
Course		Credits
BIO4990	Senior Project	4
BIO3***	Advanced Biology Elective with Lab	5.5
BIO4***	Advanced Biology Elective w/o Lab	4
3000/4000	Upper Level Elective	3
Total		16.5