

## Biology (BS)

The following course sequence sheet is for illustrative purposes only and should not be construed as formal academic advisement. Course selections and sequence may vary depending on course availability and counsel from your academic adviser. You should consult an academic adviser before developing an actual academic plan.

<b>Cr.</b>	<b>First Semester</b>	<b>Cr.</b>	<b>Second Semester</b>
4	BIOLOGY.114 Concepts Biology I	4	BIOLOGY.115 Concepts Biology II
4	CHEM.115 Chemistry for Sciences I or CHEM.101 Intro Chemistry (based on testing)	4	CHEM.116 Chemistry for Sciences II or CHEM.115 if CHEM.101 was required
3	ENGLISH.101 Composition I or General Education Group A (Humanities)	3	General Education Group A (Humanities) or ENGLISH.101 Composition I
3	General Education Group B (Social Sciences)	3	General Education Group B (Social Sciences)
1	INTSTUDY.100 Optional University Seminar		
15	Total Semester Credits	14	Total Semester Credits
<b>Cr.</b>	<b>Third Semester</b>	<b>Cr.</b>	<b>Fourth Semester</b>
4	BIOLOGY.271 Cell Biology	4	BIOLOGY.242 Microbiology
4	CHEM.231 Organic Chemistry I or CHEM.116 if CHEM.101 was required	4	CHEM.232 Organic Chemistry II or GenEd Group A if CHEM.101 was required
3	MATH.141 Introduction to Statistics	3	MATH.123 Essentials Calculus
3	BIOLOGY.290 Writing in Biology or General Education Communications	3	General Education Communications or BIOLOGY.290 Writing in Biology
3	General Ed. Values, Ethics, Decision-Making	1	General Education Fitness/Recreation Skills
17	Total Semester Credits	15	Total Semester Credits
<b>Cr.</b>	<b>Fifth Semester</b>	<b>Cr.</b>	<b>Sixth Semester</b>
3	Physiology Requirement	3	Biology Major Elective
1	BIOLOGY.479 Physiology Lab	1	General Education Fitness/Recreation Skills
3	General Education Group A (Humanities) or CHEM.231 if CHEM.101 was required	4	CHEM.341 Biochemistry or CHEM.232 if CHEM.101 was required
4	PHYSICS.111 Intro. Physics I	4	PHYSICS.112 Intro Physics II
3	General Education Group B (Social Sciences)	3	General Education Group A (Humanities)
14	Total Semester Credits	15	Total Semester Credits
<b>Cr.</b>	<b>Seventh Semester</b>	<b>Cr.</b>	<b>Eighth Semester</b>
3	BIOLOGY.332 Genetics	3	BIOLOGY.351 Ecology
1	BIOLOGY.481 Senior Biology Sem	3	Biology Major Elective

3	Biology Major Elective	3	Biology Major Elective
3	General Education Group A (Humanities)	3	Free Elective
3	General Education Group B (Social Sciences)	2	Free Elective
3	Free Elective or CHEM.341 if CHEM.101 was required		
16	Total Semester Credits	14	Total Semester Credits
TOTAL CREDITS: 120			

**IMPORTANT NOTES:**

A placement test is required for CHEM.115; CHEM.101 may be required as a prerequisite.

Students may count 1 Communications, Quantitative or Values course under appropriate Gen Ed area (A, B, or C).

Students choosing this option must then take an extra free elective to reach 120 credits.