

## Biology (BS) - Molecular

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	4	CHEM.116 Chemistry for Sciences II
3	ENGLISH.101 Found of College Writing	3	General Education Course
3	General Education Course	3	MATH.141 Introduction to Statistics
1	INTSTUDY.100 Opt. 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.242 Microbiology	4	BIOLOGY.271 Cell Biology
3	General Education Course	4	CHEM.230 Fund Organic Chemistry
3	BIOLOGY.290 Writing in Biology	3	Biology Major Elective
3	MATH.123 Essentials Calculus	3	General Education Course
3	General Education Course	3	General Education Course
16	Total Semester Credits	17	Total Semester Credits
<b>Cr.</b>	<b>Fifth Semester</b>	<b>Cr.</b>	<b>Sixth Semester</b>
4	PHYSICS.201 Intro. Physics I or PHYSICS.211 General Physics I	4	PHYSICS.202 Intro Physics II or PHYSICS.212 General Physics II
3	BIOLOGY.333 Molecular Biology	3	Physiology Elective
1	BIOLOGY.334 Molecular Biology Lab	1	BIOLOGY.479 Physiology Lab
3	BIOLOGY.390 Undergrad Research or BIOLOGY.493 Honors Independent Study	4	CHEM.341 Biochemistry
3	General Education Course	3	General Education Course
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	4	CHEM.442 Biochemistry 2
3	Biology Major Elective	3	General Education Course
3	General Education Course	3	Biology Major Elective
3	Free Elective	3	General Education Course
3	General Education Course	1	General Education Course
15	Total Semester Credits	14	Total Semester Credits

TOTAL CREDITS: 120