

## Biology - Molecular (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	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 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.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.111 Intro. Physics I	4	PHYSICS.112 Intro 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
1	BIOLOGY.481 Senior Biology Sem	3	General Education Course
3	Biology Major Elective	3	Biology Major Elective
3	General Education Course	3	General Education Course
3	Free Elective	1	General Education Course

1 General Education Course

14 Total Semester Credits

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TOTAL CREDITS: 120