

## Mathematics (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	MATH.125 Calculus I	4	MATH.126 Calculus II
4	COMPSCI.121 Object-Oriented Prog w/Java	4	COMPSCI.122 Graph User Interfaces in Java
3	ENGLISH.101 Found of College Writing	3	General Education Course
3	General Education Course	3	General Education Course
1	INTSTUDY.100 (Opt) University Seminar	3	General Education Course
15	Total Semester Credits	17	Total Semester Credits
<b>Cr.</b>	<b>Third Semester</b>	<b>Cr.</b>	<b>Fourth Semester</b>
3	MATH.185 Discrete Mathematics	3	MATH.241 Probability & Statistics
4	MATH.225 Calculus III	3	General Education Course
3	General Education Course	4	PHYSICS.212 General Physics II
4	General Education Course	3	Mathematics Elective
		3	General Education Course
13	Total Semester Credits	16	Total Semester Credits
<b>Cr.</b>	<b>Fifth Semester</b>	<b>Cr.</b>	<b>Sixth Semester</b>
3	MATH.314 Linear Algebra	3	MATH.405 Introduction to Abstract Algebra
3	General Education Course	3	MATH.421 Real Analysis
3	Mathematics Elective	3	Mathematics Elective
3	Mathematics Elective	3	Mathematics Elective
3	General Education Course	3	General Education Course
15	Total Semester Credits	15	Total Semester Credits
<b>Cr.</b>	<b>Seventh Semester</b>	<b>Cr.</b>	<b>Eighth Semester</b>
3	MATH.410 Mathematical Modeling	3	General Education Course
3	Mathematics Elective	3	General Education Course
3	General Education Course	3	General Education Course
3	General Education Course	3	General Education Course
3	General Education Course	1	General Education Course
15	Total Semester Credits	13	Total Semester Credits

TOTAL CREDITS: 120