

## 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 1	4	MATH.126 Calculus 2
3	COMPSCI.115 Python Programming	3	COMPSCI.215 Adv. Python Program.
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
14	Total Semester Credits	16	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 3	3	Mathematics Elective
4	PHYSICS.211 General Physics 1	4	PHYSICS.212 General Physics 2
3	General Education Course	3	General Education Course
		3	General Education Course
14	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.421 Real Analysis
3	Mathematics Elective	3	Mathematics Elective
3	Mathematics Elective	3	Mathematics Elective
3	General Education Course	3	General Education Course
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.405 Introduction to Abstract Algebra	3	MATH.410 Mathematical Modeling
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	3	General Education Course
15	Total Semester Credits	15	Total Semester Credits

TOTAL CREDITS: 120