Mathematics (BA)

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.

Cr.	First Semester	Cr.	Second Semester
4	MATH.125 Calculus I	4	MATH.126 Calculus II
4	COMPSCI.121 Object-Oriented Programming with Java	4	COMPSCI.122 Graphical User Interfaces in Java
3	ENGLISH.101 Found of College Writing or	3	General Education Course
	General Education Course		or ENGLISH.101 Found of College Writing
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

Cr.	Third Semester	Cr.	Fourth Semester
3	MATH.185 Discrete Mathematics	3	MATH.241 Probability & Statistics
4	MATH.225 Calculus III	3	General Education Course
3	2nd Writing Course (INTSTUDY.231 Tech Writing suggested)		or 2nd Writing Course (INTSTUDY.231 Tech Writing suggested)
	or General Education Course	3	General Education Course
3	General Education Course	3	Free Elective
3	General Education Course	1	General Education Course
1	General Education Course		
17	Total Semester Credits	13	Total Semester Credits

Cr.	Fifth Semester	Cr.	Sixth Semester
3	MATH.314 Linear Algebra	3	MATH.310 Introduction to Abstract Algebra
3	General Education Course		or MATH.421 Advanced Calculus
3	Mathematics Application Elective	3	Mathematics Application Elective
3	General Education Course	3	General Education Course
3	Free Elective	3	Free Elective
		3	Free Elective
15	Total Semester Credits	15	Total Semester Credits

Cr.	Seventh Semester	Cr.	Eighth Semester
3	MATH.410 Mathematical Modeling	3	Mathematics Major Elective
3	Mathematics Major Elective	3	Free Elective
4	Free Elective	3	Free Elective
3	Free Elective	3	Free Elective
		3	Free Elective
13	Total Semester Credits	15	Total Semester Credits

TOTAL CREDITS: 120