

BS MATH Prob/Stat + CS Minor

FRESHMAN YEAR

Fall Semester

Course#	Course Name	Cr.
MATH.1020	Freshman Seminar	1
MATH.1310	Calculus I (MATH)	4
COMP.1010	Computing I	3
COMP.1030L	Computing I Lab	1
ENGL.1010	College Writing I (CW)	3
xxxx.xxxx	Free Elective	3
Total	15	

Spring Semester

Course#	Course Name	Cr.
MATH.1320	Calculus II	4
MATH.2910	Discrete Structures I	3
COMP.1020	Computing II	3
COMP.1040L	Computing II Lab	1
ENGL.1020	College Writing II (CW)	3
Total	14	

SOPHOMORE YEAR

Fall Semester

Course#	Course Name	Cr.
MATH.2310	Calculus III	4
MATH.3220	Discrete Structures II	3
MATH.3850	Applied Statistics	3
COMP.2010	Computing III	3
COMP.2010R	Computing III Lab	1
Total	14	

Spring Semester

Course#	Course Name	Cr.
MATH.2210	Linear Algebra I	3
MATH.4070	Probability and Mathematical Statistics I	3
COMP.3040	Foundations of Computer Science	3
xxxx.xxxx	Science (SCL)	3
xxxx.xxxx	Science Lab	1
xxxx.xxxx	Free Elective	3
Total	16	

JUNIOR YEAR

Fall Semester

Course#	Course Name	Cr.
MATH.2220	Linear Algebra II	3
MATH.2xxx	Differential Equations (CTPS), (QL)	3
COMP.4040	Analysis of Algorithms	3
xxxx.xxxx	Science (SCL)	3
xxxx.xxxx	Science Lab	1
xxxx.xxxx	Social Sciences Persp. (SS)	3
Total	16	

Spring Semester

Course#	Course Name	Cr.
MATH.4860	Probability and Mathematical Statistics II	3
MATH.3750	Senior Seminar I	1
COMP.4220	Machine Learning	3
xxxx.xxxx	Free Elective	3
xxxx.xxxx	Social Sciences Persp. (SS)	3
xxxx.xxxx	Arts and Hum. Persp. (AH)	3
Total	16	

SENIOR YEAR

Fall Semester

Course#	Course Name	Cr.
MATH.5930	Experimental Design	3
MATH.4750	Senior Seminar II (AIL), (IL), (WOC)	3
MATH.xxxx	Math Elective	3
xxxx.xxxx	Arts and Hum. Persp. (AH)	3
xxxx.xxxx	Social Sciences Persp. (SS)	3
Total	16	

Spring Semester

Course#	Course Name	Cr.
MATH.5910	Linear Models/Regression	3
MATH.xxxx	Math Elective	3
MATH.xxxx	Math Elective	3
xxxx.xxxx	Arts and Hum. Persp. (AH)	3
xxxx.xxxx	Free Elective	3
Total	15	

Note: A student who successfully completes this program will automatically be granted a computer science minor.