

# Mathematics, BS with Statistics Concentration

## First Year

Fall	Credit Hours	Spring	Credit Hours
MAT 190 Precalculus (MAC competency 4)	4	MAT 196 Calculus A (MAC competency 4)	4
MAC competency 1 Foundations (recommended MAT 105)	3	Programming course. Choose from CSC 120, 130, or 230	3
Two MAC Competencies	6	Two MAC Competencies	6
Additional language requirement	3	Additional language requirement	3
	<b>16</b>		<b>16</b>

## Second Year

Fall	Credit Hours	Spring	Credit Hours
MAT 296 Calculus B	4	MAT 396 Calculus C	4
STA 290 Introduction to Probability and Statistical Inference	3	STA 352 Statistical Inference	3
Two MAC Competencies	6	Two MAC Competencies	6
Additional language requirement	3	Additional language requirement (MAC competency 9)	3
	<b>16</b>		<b>16</b>

## Third Year

Fall	Credit Hours	Spring	Credit Hours
MAT 310 Elementary Linear Algebra	3	STA elective at the 300-level or above	3
STA 301 Statistical Methods (CIC College Writing)	3	CIC Breadth of Knowledge course	3
MAC Competency	3	One from: MAT 253, MAT or STA 300 level or above, CSC 425	3
Two CIC Breadth of Knowledge courses	6	Two general electives	6
	<b>15</b>		<b>15</b>

## Fourth Year

Fall	Credit Hours	Spring	Credit Hours
MAT 490 Senior Seminar (CIC College Writing)	3	Two STA electives at the 400-level	6
One from: MAT 253, MAT or STA 300 level or above, CSC 425	3	General elective	3
STA elective at the 300-level or higher	3	General elective at the 300-level or higher	3
Two general electives	6		
	<b>15</b>		<b>12</b>

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