

**MATHEMATICS MAJOR: DATA SCIENCE AND STATISTICS  
 SPECIALIZATION**

<b>FRESHMAN YEAR</b>			<u>UNITS</u>
<i>Fall:</i>	MAT 099	Orientation for Math/Stat Majors	0
	MAT 127	Calculus A	1
	CSC 220	Computer Science	1
	or MAT 270		
	FYS 1xx	First Year Seminar	1
	-----	Second Language	$\frac{1}{4}$
			4
<i>Spring:</i>	STA 215	Statistical Inference and Probability	1
	MAT 200	Discrete Mathematics	1
	-----	College Core	1
	-----	Second Language	$\frac{1}{4}$
			4
<b>SOPHOMORE YEAR</b>			
<i>Fall</i>	MAT 128	Calculus B	1
	MAT 205	Linear Algebra	1
	-----	Second Language	1
	-----	College Core	$\frac{1}{4}$
			4
<i>Spring:</i>	STA 3--	Data Science or Statistics Option <sup>3</sup>	1
	MAT 229	Multivariable Calculus	1
	MAT 275	Sophomore Seminar	0.5
	-----	College Core	1
	-----	Science <sup>1</sup>	$\frac{1}{4.5}$
			4.5
<b>JUNIOR YEAR</b>			
<i>Fall:</i>	MAT 316	Probability	1
	STA 305	Regression Analysis	1
	-----	Science or Computer Science <sup>2</sup>	1
	-----	College Core	$\frac{1}{4}$
			4
<i>Spring:</i>	STA 410	Mathematical Statistics	1
	STA 3--	Data Science or Statistics Option <sup>3</sup>	1
	-----	College Core	1
	-----	College Core	$\frac{1}{4}$
			4

**SENIOR YEAR**

<i>Fall:</i>	MAT/STA 3--	Mathematics/Statistics Option <sup>3</sup>	1
	MAT/STA 3--	Mathematics/Statistics Option <sup>3</sup>	1
	----- ---	Elective	1
	----- ---	Elective	<u>1</u>
			4
<i>Spring:</i>	STA 498	Statistics Capstone	1
	MAT/STA 3--	Mathematics/Statistics Option <sup>3</sup>	1
	----- ---	Elective	1
	----- ---	Elective	<u>1</u>
			4
		TOTAL REQUIRED FOR GRADUATION:	32 UNITS

**NOTE:** The official major requirements, including retention and graduation grade requirements, can be found in the Undergraduate Bulletin and on the department website.

<sup>1</sup> Must be a natural science lab course that counts for a science major from the department approved list

<sup>2</sup> See the Checklist for restrictions on the third correlate

<sup>3</sup> See the Checklist for requirements surrounding Math/Stat options