

MATHEMATICS MAJOR: STATISTICS SPECIALIZATION

FRESHMAN YEAR			<u>UNITS</u>
<i>Fall:</i>	MAT 099	Orientation for Math/Stat Majors	0
	MAT 127	Calculus A (LL)	1
	STA 215	Statistical Inference	1
	FSP 1xx	First Seminar (LL) ¹	1
	-----	Second Language ²	$\frac{1}{4}$
			4
<i>Spring:</i>	MAT 128	Calculus B	1
	MAT 200	Discrete Mathematics	1
	WRI 102	Academic Writing ³	1
	-----	Second Language ²	$\frac{1}{4}$
			4
SOPHOMORE YEAR			
<i>Fall</i>	CSC 220	Computer Science I	1
	MAT 229	Multivariable Calculus	1
	-----	Second Language ²	1
	-----	Liberal Learning (LL)	$\frac{1}{4}$
			4
<i>Spring:</i>	STA 3--	Statistics Option ⁵	1
	MAT 205	Linear Algebra	1
	MAT 275	Sophomore Seminar	0.5
	-----	Liberal Learning (LL)	1
	-----	Science (LL) ⁴	$\frac{1}{4}$
			4.5
JUNIOR YEAR			
<i>Fall:</i>	MAT 316	Probability	1
	STA 305	Regression Analysis	1
	-----	Science (LL) ⁴	1
	-----	Liberal Learning (LL)	$\frac{1}{4}$
			4
<i>Spring:</i>	STA 410	Mathematical Statistics	1
	STA 3--	Statistics Option ⁵	1
	-----	Liberal Learning (LL)	1
	-----	Liberal Learning (LL)	$\frac{1}{4}$
			4

SENIOR YEAR

<i>Fall:</i>	MAT/STA 3--	Mathematics/Statistics Option ⁵	1
	-----	Liberal Learning (LL)	1
	-----	Elective	1
	-----	Elective	<u>1</u>
			4
<i>Spring:</i>	STA 498	Statistics Capstone	1
	MAT/STA 3--	Mathematics/Statistics Option ⁵	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.

¹ FSP 1xx will also count as a Liberal Learning requirement. The xx in 1xx is used to designate the Liberal Learning area satisfied by the course.

² If continuing in the same language as studied in high school, you must complete the language requirement at the 103 level or higher. Also, if you took three or more years of a language in high school and continue with this language and you are placed at the 101 level, then the 101 level course will NOT count towards the 32 units required for graduation.

³ If you are exempted from WRI 102, you must take another writing intensive course in its place. However, some major courses or Liberal Learning courses you take may fulfill the writing requirement.

⁴ Must be a natural science course that counts for a science major, and at least one of the sciences courses must involve an associated lab requirement.

⁵ All STA and MAT options must come from approved list that follows. Only one course unit of independent work from STA 39x/49x or MAT 39x/49x (in addition to the capstone) may count toward requirements.

MATHEMATICS AND STATISTICS OPTIONS

STATISTICS: Can be any 300- or 400-level STA course not required for the Statistics specialization

MATHEMATICS: Can be any 300- or 400-level MAT course not required for the Statistics specialization