

**MATHEMATICS MAJOR: MATHEMATICS SPECIALIZATION**

**FRESHMAN YEAR**

UNITS

<i>Fall:</i>	MAT 099	Orientation for Math/Stat Majors	0
	MAT 127	Calculus A (LL)	1
	CSC 220	Computer Science I (or CSC 250)	1
	FYW 102	First Year Writing <sup>1</sup>	1
	-----	Second Language <sup>2</sup>	$\frac{1}{4}$
			4
<i>Spring:</i>	MAT 128	Calculus B (LL)	1
	MAT 200	Discrete Mathematics	1
	FYS 1xx	First Year Seminar <sup>3</sup>	1
	-----	Second Language <sup>2</sup>	$\frac{1}{4}$
			4

**SOPHOMORE YEAR**

<i>Fall:</i>	MAT 229	Multivariable Calculus	1
	MAT 205	Linear Algebra	1
	-----	Science (LL) <sup>4</sup>	1
	-----	Second Language <sup>2</sup>	$\frac{1}{4}$
			4
<i>Spring:</i>	MAT 310	Real Analysis	1
	-----	Mathematics Option <sup>5</sup>	1
	MAT 275	Sophomore Seminar	.5
	-----	Liberal Learning (LL)	$\frac{2}{4}$
			4.5

**JUNIOR YEAR**

<i>Fall:</i>	-----	Mathematics Option <sup>5</sup>	1
	MAT 305	Abstract Algebra	1
	-----	Liberal Learning (LL)	$\frac{2}{4}$
			4
<i>Spring:</i>	-----	Mathematics Options <sup>5</sup>	1
	-----	Mathematics Options <sup>5</sup>	1
	-----	Liberal Learning (LL)	1
	-----	Electives	$\frac{1}{4}$
			4

**SENIOR YEAR**

<i>Fall:</i>	----- ----	Mathematics Options <sup>5</sup>	1
	----- ----	Mathematics Options <sup>5</sup>	1
	----- ----	Electives	<u>2</u>
			4
 <i>Spring:</i>	 MAT 498	 Capstone	 1
	----- ----	Electives	<u>2.5</u>
			3.5

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> If you are exempted from FYW 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.

<sup>2</sup> 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.

<sup>3</sup> FYS 16x will also count as a Civic responsibility, depending on its course number.

<sup>4</sup> See the department website for the list of possible courses.

<sup>5</sup> Any MAT course at the 300/400 level (with advisement) or STA 410, with at least two 400-level MAT course units. The MAT 4xx courses must have a number between 400 and 480. One suitable science course (as indicated on PAWS) may count towards the 6 required course units of MAT 300/400 courses.

Revised: 3/8/2022