

## CURRICULUM FOR MATHEMATICS MAJOR

### Freshman Year

<u>Fall Semester</u>		<u>Spring Semester</u>	
*English 101 (CORE)	3	*English 102 (CORE)	3
*\$Mathematics 107 (Coll Alg & Trig I) (CORE)	4	*\$Mathematics 108 (Coll Alg & Trig II)	4
History 103 (CORE)	3	History 104 (CORE)	3
Physical Education (Activity)	1	Physical Education (Activity)	1
Freshman Orientation 100	1	Freshman Orientation 101	1
Nat Sci (CORE-Biol/Chem/Phys)	4	Nat Sci (CORE-Biol/Chem/Phys)	4
	16	+Humanities (CORE-MUSC or FPAR)	2
			18

### Sophomore Year

<u>Fall Semester</u>		<u>Spring Semester</u>	
*\$Mathematics 207 (Cal I)	4	*\$Mathematics 208 (Cal II)	4
#Social Science (Core-Same Area)	3	#Social Science (Core-Same Area)	3
+Humanities (CORE-English Only)	3	+Humanities (CORE-PHIL Only)	3
Natural Science	4	CSCI (Core-Only Any CSCI)	3
Foreign Language or Option	3	Foreign Language or Option	3
	17		16

### Junior Year

<u>Fall Semester</u>		<u>Spring Semester</u>	
*Mathematics 209 (Cal III)	4	*Mathematics 307 (Diff Equat)	3
*Mathematics 407 (Lin Alg)	3	*Mathematics 408 (Mod Algebra)	3
Foreign Language or Option	3	Foreign Language or Option	3
#Social Science	3	Free Elective	3
+Humanities	2	Free Elective	3
	15		15

### Senior Year

<u>Fall Semester</u>		<u>Spring Semester</u>	
*Mathematics 505 (Adv Cal I)	3	*Mathematics 417 (Mod Geometry)	3
*Mathematics 451 (Seminar I)	1	*Mathematics 506 (Adv Cal II)	
#Social Science	3	or	
Electives	7	*Mathematics 510 (Complex Variables)	3
	14	*Mathematics 452 (Seminar II)	1
		+Humanities	3
		Free Elective	3
			13

#In addition to History 103 and History 104, six (6) hours must be in the same area.

\*A minimum grade of "C" is required in all mathematics courses and in English 101 and English 102.

+Humanities Elective courses must be selected from at least 3 different disciplines.

\$Either one of these courses may be used to satisfy the mathematics core requirement.