

MATHEMATICS GENERAL CURRICULUM SEQUENCE



Freshman Year (First Semester)

ENGL 101	Freshman Composition I EC	3
XXXX	SB General Education	3
MATH 215	Found. for Advanced Mathematics I	3
MATH 241	Calculus I	4
ORNS 106	Freshman Orien for Majors in SCMNS	1
TOTAL		14

Freshman Year (Second Semester)

ENGL 102	Freshman Composition II EC	3
XXXX	SB General Education Req.	3
MATH 216	Found for Advanced Mathematics II	3
MATH 242	Calculus II	4
XXXX	PHYS. ED. Activity or FIN 101	1
XXXX	IM General Education Req.	3
TOTAL		17

Sophomore Year (Third Semester)

MATH 243	Calculus III	4
XXXX	AH General Education Req.	3
PHIL 109	Introduction to Critical Thinking CT	3
PHYS 205/205L	University Physics I (BP) - Laboratory	5
TOTAL		15

Sophomore Year (Fourth Semester)

MATH 312	Linear Algebra I	3
XXXX	AH General Education Req.	3
PHYS 206/206L	University Physics II (Laboratory)	5
CHEM 105/105L (BIOL 105)	Principles of General Chemistry I (Introductory Biology for Majors I)	4
TOTAL		15

Junior Year (Fifth Semester)

MATH 340	Introduction to Differential Equations	3
MATH 341	Advanced Calculus I	3
MATH 413	Algebraic Structures I	3
MATH 431	Mathematical Theory of Statistics I	3
XXXX	Social & Behavioral Science Elective	3
TOTAL		15

Junior Year (Sixth Semester)

HIST 350	Intro to the African Diaspora (CI)	3
MATH 343	Complex Variables	3
MATH 479	Point Set Topology	3
XXXX	Advised Elective	3
XXXX	HH General Education Req.	3
TOTAL		15

Senior Year (Seventh Semester)

XXXX	MATH 300-400 level Elective	3
XXXX	MATH 300-400 level Elective	3
XXXX	Social & Behavioral Sciences Elective	3
XXXX	Social & Behavioral Sciences Elective	3
XXXX	Complementary Studies	3
SCMNS TOTAL		15

Senior Year (Eighth Semester)

MATH 450	Senior Seminar	3
XXXX	Free Elective	5
XXXX	Complementary Studies	3
XXXX	MATH 300-400 level Electives	3
SCMNS TOTAL		14

TOTAL CREDITS

120