Mathematics

FRESHMAN YEAR

Fall Semester — 16 Credits

FYE 10xx	First Year Experience	3
ENGL 1100	Writing I	3
MATH 1300 **OR**	Precalculus **OR**	
MATH 2300	Calculus I (gen. ed. foundation – QR)	4
Gen. Ed.	(exploration)	3
Gen. Ed.	(exploration)	3

Spring Semester — 14 Credits

ENGL 1200	Writing II	3
Gen. Ed.	(foundation: WS)	3
MATH 1850	Freshmen Seminar in Mathematics	1
MATH 2300 **OR**	Calculus I **OR**	
MATH 2400	Calculus II	4
Gen. Ed. **OR**	(exploration) **OR**	
MATH 2550	Symbolic Computational Mathematics	3

JUNIOR YEAR

Fall Semester — 15 Credits

MATH XXXX	Math elective*	3
MATH XXXX	Math elective*	3
Gen. Ed.	(exploration)	3
Gen. Ed.	(integration)	3
Free elective		3

Spring Semester — 16 Credits

MATH 3900	Math Seminar	1
MATH XXXX	Math elective*	3
MATH XXXX	Math elective*	3
Gen. Ed.	(exploration)	3
Gen. Ed. **OR**	(integration - IHIP) **OR**	
Free elective		3
Free elective		3

SOPHOMORE YEAR

Fall Semester — 15-16 Credits

MATH 2400 **OR**	Calculus II **OR**	
Gen. Ed.	(exploration)	3-4
MATH 2500	Intro. to Math Thought (exploration-PL)	3
MATH 2600	Linear Algebra	3
CSC 1500	Computer Science	3
Gen. Ed.	(exploration)	3

Spring Semester — 16 Credits

MATH 3350	Multivariate Calculus	4
MATH 2550 **OR**	Symbolic Computational Mathematics **OR**	
MATH XXXX	Math elective*	3
Gen. Ed.	(exploration)	3
Gen. Ed.	(exploration)	3
Gen. Ed.	(integration)	3

SENIOR YEAR

Fall Semester — 15 Credits

MATH 4300	Abstract Algebra	3
MATH XXXX	Math elective*	3
Gen. Ed. **OR**	(integration - IHIP) **OR**	
Free elective		3
Free elective		3
Free elective		3

Spring Semester — 15 Credits

Free elective		3
Free elective		3
Free elective		3
Free elective		3
Free elective	(if needed for credits)	3

* These math electives must be at the 3000/4000 level with 9 credits required at the 4000 level

General Education: Foundation

3 credits Reading and Information Literacy (R and IL): First Year Experience
3 credits Writing (W): Writing I
3 credits Writing and Information Literacy (W and IL): Writing II
3 credits Quantitative Reasoning (QR) (MATH)
3 credits World Languages, Speaking and Listening (WS)

General Education: Exploration

3 credits Civic Learning (CV)
3 credits Diverse Perspectives (DP)
3 credits Ethical Reasoning (ER)
3 credits Fine Arts Expression and Analysis (FA)
3 credits Historical Inquiry and Analysis (HI)
3 credits Literary Inquiry and Analysis (LI)
3 credits Personal Wellness (PW)
3 credits Procedural and Logical Thinking (PL)
3 credits Scientific Inquiry and Analysis (SI)

General Education: Integration

9 credits AIA (3 of which must be Integrative High Impact Practice - IHIP)

OR

Minor (professional majors completing a minor or second major must include at least 9 credits in LA&S disciplines for that minor)

General Education: MAJ

There may be major courses that have been approved to fulfill up to 3 General Education requirements (at least 9 credits). Varies by major and concentration.

Suggested 4-year plan of study. Completion of 120 credits required for graduation.