

## Mathematics (B.A. or B.S.)

### FRESHMAN YEAR

Fall Semester		16 Credits
FYE 10XX	First Year Experience (R/IL).....	3
ENGL 1100	Writing I (W).....	3
MATH 1300	Precalculus (QR) <b>OR</b>	
MATH 2300	Calculus I (QR).....	4
	(Gen. Ed./ exploration).....	3
	(Gen. Ed./exploration).....	3
Spring Semester		14 Credits
ENGL 1200	Writing II (W/IL).....	3
SPCH 1000	Intro to Speech Communication <b>OR</b>	
SPCH 1100	Arg. and Debate (WS).....	3
MATH 1850	Freshman Seminar in Mathematics.....	1
MATH 2300	Calculus I <b>OR</b>	
MATH 2400	Calculus II.....	4
MATH 2550	Symbolic Comp. Mathematics <b>OR</b>	
	(Gen. Ed./exploration).....	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./integration – IHIP) <b>OR</b>	
	Free Elective.....	3
	Free Elective.....	3

#### 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)

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

#### 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)

### SOPHOMORE YEAR

Fall Semester		15 or 16 Credits
MATH 2400	Calculus II <b>OR</b>	
	(Gen.Ed./exploration).....	3 or 4
MATH 2500	Intro. to Math Thought (PL).....	3
MATH 2600	Linear Algebra.....	3
CSC 1500	Computer Science I.....	3
	(Gen. Ed./exploration).....	3
Spring Semester		16 Credits
MATH 3350	Multivariate Calculus.....	3
MATH 2550	Symbolic Comp. Mathematics <b>OR</b>	
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./integration - IHIP) <b>OR</b>	
	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: 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.