Mathematics Course Plan

Catalog Year 2019-2020

Legend

* Major Requirement
Must be taken to fulfill major requirements.

† Major Elective
Must be taken to fulfill major requirements, or replaced with an equivalent course.

‡ Gen-Ed Requirement
Must be taken to fulfill general education requirements.

§ Elective
Can be chosen from a selection of courses.

See MyGFU for detailed academic requirements.

First Year

Fall Semester

Calculus I (MATH 201) *	4 credits
Knowing and Being Known (LIBA 100) ‡	3 credits
I Believe (THEO 101) ‡	3 credits
History/Politics/International Studies GE Requirement ‡	3 credits
Introduction to Communication (COMM 100) ‡	3 credits
Semester Total	**16 credits**
Cumulative Total	**16 credits**

Spring Semester

Calculus II (MATH 202) *	4 credits
Introduction to Proofs (MATH 290) *	3 credits
I Believe (THEO 102) ‡	3 credits
Lifelong Fitness (HHPA 120) ‡	2 credits
Natural Science GE Requirement ‡	4 credits
Semester Total	**16 credits**
Cumulative Total	**32 credits**

Second Year

Fall Semester

Calculus III (MATH 301) *	3 credits
Introduction to Computer Science I (CSIS 201) *	3 credits
Math Sequence #1 (course #1) †	3 credits
HUMA 290 or Alternate Fine Arts GE Requirement ‡	3 credits
Elective Credit §	3 credits
Semester Total	**15 credits**
Cumulative Total	**47 credits**

Spring Semester

Math Sequence #1 (course #2) †	3 credits
Bible Elective GE Requirement ‡	3 credits
Social Science GE Requirement ‡	3 credits
HUMA 205 or Philosophy and Literature Requirement ‡	3 credits
Elective Credit §	3 credits
Semester Total	**15 credits**
Cumulative Total	**62 credits**

Third Year

Fall Semester

Math Sequence #2 (course #1) †	3 credits
Major Requirement Elective †	3 credits
Elective §	10 credits
Semester Total	**16 credits**
Cumulative Total	**78 credits**

Spring Semester

Math Sequence #2 (course #2) †	3 credits
Major Requirement Elective †	3 credits
Intercultural GE Requirement ‡	3 credits
Elective Credit ‡	6 credits
Semester Total	**15 credits**
Cumulative Total	**93 credits**

Fourth Year

Fall Semester

Math Sequence #3 (course #1) †	3 credits
Senior Seminar (MATH 490) *	2 credits
Engaging Christ in Transition (LIBA 400) ‡	3 credits

Electives §	9 credits
Semester Total	**17 credits**
Cumulative Total	**110 credits**

Spring Semester

Math Sequence #3 (course #2) †	3 credits
Electives §	13 credits
Semester Total	**16 credits**
Cumulative Total	**126 credits**

Notes