

Mathematics Course Plan

Catalog Year 2022-2023

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
Caring for Words (WRIT 111) ‡	3 credits
The Bible (THEO 101) ‡	3 credits
Communication in Society (COMM 111) ‡	3 credits
Why Math Matters (MATH 170) ‡	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
Christianity (THEO 102) ‡	3 credits
Personhood (PSYC 100) ‡	3 credits
The Modern & Postmodern World (HIST 111) ‡	3 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
Art & Global Culture (ARTP/V 120) ‡	3 credits
Elective Credits §	3 credits
Semester Total	15 credits
Cumulative Total	47 credits

Spring Semester

Math Sequence #1 (course #2) †	3 credits
Science & Faith (GSCI 170) ‡	4 credits
Faith & Story (LITR 111) ‡	3 credits
Elective Credits §	6 credits
Semester Total	16 credits
Cumulative Total	63 credits

Third Year

Fall Semester

Math Sequence #2 (course #1) †	3 credits
Major Requirement Elective (see catalog) †	3 credits
Elective Credits §	8 credits
Semester Total	14 credits
Cumulative Total	77 credits

Spring Semester

Math Sequence #2 (course #2) †	3 credits
Major Requirement Elective (see catalog) †	3 credits
Justice (SSCI 100) ‡	3 credits
Elective Credits §	6 credits
Semester Total	15 credits
Cumulative Total	92 credits

Fourth Year

Fall Semester

Math Sequence #3 (course #1) †	3 credits
Senior Seminar (MATH 490) *	2 credits
Elective Credits §	9 credits
Semester Total	14 credits

Cumulative Total **106 credits**

Spring Semester

Math Sequence #3 (course #2) † 3 credits

Ethics (THEO 380) ‡ 3 credits

Elective Credits § 8 credits

Semester Total **14 credits**

Cumulative Total **120 credits**

Notes

*If the student is considering doing a Computer Science minor or double major in Math and Computer Science, it is recommended (not required) that they do CSIS 201 in the Fall semester of their freshman year instead of one of the GE requirements in that semester.