

**Mathematics, B.S.**

Fall 2024 to present

**First year**

Fall:

3	MATH 121 CORE course 8	Calculus I
3	CORE course 5	History
3	CORE course 3	Research Writing, WRIT 102
4	CPSC 121/L CORE course 9	Introduction to Programming+Lab
3	CORE course 6	Social Science
0	MATH 192	Mathematics Seminar
0	CORE 103	Community Enrichment Series
16 credits		

**Second year**

Fall:

3	MATH 221	Calculus III
3	MATH 322	Linear Algebra
4	PHYS 122 / L	Physics II
3	CORE course 4	CORE II (Civic Responsibility)
3	CORE course 7	Literature
0	MATH 292	Mathematics Seminar
16 credits		

**Third year**

Fall:

3	MATH 401 or 407	Real analysis I or Abstract algebra I - EOY*
3	MATH 304 or elective	Probability - EOY* or elective
3	Elective	Free elective
3	Elective	Free elective
3	Elective	Free elective
0	MATH 392	Mathematics Seminar
15 credits		

**Fourth year**

Fall:

3	MATH 401 or 407	Real analysis I or Abstract algebra I - EOY*
3	MATH 304 or elective	Probability - EOY* or elective
3	CORE course 14	CORE III (Capstone)
3	Elective	Free elective
3	Elective	Free elective
1	MATH 492	Mathematics Seminar
16 credits		

Spring:

3	MATH 122	Calculus II
3	MATH 140 or elective	Foundations of Mathematics or elective - EOY*
4	PHYS 121 / L	Physics I
3	CORE course 2	FTAE 105 Intro to Franciscan Theo
3	CORE course 1	CORE I (Foundations)
0	CORE 104	Community Enrichment Series
16 credits		

Spring:

3	MATH 222 or MATH 140	Calculus IV or Foundations – EOY*
3	MATH 306	Differential Equations
3	CORE course 11	Religion or Philosophy
3	CORE course 10	Language
3	Elective	Free elective
3	Elective	Free elective
18 credits		

Spring:

3	MATH 402 or math elective	Real Analysis II - EOY* or mathematics elective
3	MATH 222 or free elective	Calculus IV – EOY* or free elective
3	CORE course 13	Ethics
3	Elective	Free elective
3	Elective	Free elective
15 credits		

Spring:

3	MATH 402 or math elective	Real Analysis II - EOY* or mathematics elective
3	CORE course 15	Applied Learning
3	CORE course 12	Fine Arts
3	Elective	Free elective
4	Elective	Free elective
16 credits		

Total Credits =

128 (minimum 128)

\*EOY = every other year offering