

*Mathematics, B.A. paradigm*

*for students entering Fall 2022 or later*

**First year**

*Fall:*

3	MATH 121	Calculus w. Analytic Geometry I
3	WRIT 102	Research Writing
3	HIST	History elective
3	EPPS*	Social Science elective
3	Elective	Free elective
0	MATH 192	Mathematics Seminar
0	CORE 103	Community Enrichment Series

15 credits

*Spring:*

3	MATH 122	Calculus w. Analytic Geometry II
3	MATH 140	Foundations of Mathematics
3	RLST 105	Franciscan Goals for Today
3	CORE 113	First-year Seminar
3	Elective	Free elective
0	CORE 104	Community Enrichment Series

15 credits

**Second year**

*Fall:*

3	MATH 221	Calculus III
3	MATH 322	Linear Algebra
3	Literature*	Literature elective
3	PHIL 205	Reasoning & Responsibility
3	Science*	Science elective
0	MATH 292	Mathematics Seminar

15 credits

*Spring:*

3	MATH 222	Calculus IV
3	MATH 306	Differential Equations
3	Language	Language elective
3	RLST/PHIL	Religion or Philosophy course
3	EPPS*	Social Science elective
3	Elective	Free elective

18 credits

**Third year**

*Fall:*

3	MATH 401 or 407	Real analysis I or Abstract algebra
3	MATH 304	Probability
3	EPPS*	Social Science elective
3	Elective	Free elective
3	Elective	Free elective
0	EXAM 301	Writing Competency Exam
0	MATH 392	Math Seminar

15 credits

*Spring:*

3	MATH 402 or 487	Real analysis II or Independent study
3	Diversity*	Diversity requirement
3	Elective	Free elective
3	Elective	Free elective
3	Elective	Free elective
3	Elective	Free elective

18 credits

**Fourth year**

*Fall:*

3	MATH 401 or 407	Real Analysis or Abstract Algebra
3	Elective	Free elective
3	Elective	Free elective
3	Elective	Free elective
3	CORE 407	Keystone Seminar
1	MATH 492	Math Seminar

16 credits

*Spring:*

3	MATH 402 or 487	Real analysis II or Independent study
3	Fine Arts	Fine Arts elective
3	Elective	Free elective
3	Elective	Free elective
4	Elective	Free elective

16 credits

*Total = 128 credits*