

MATHEMATICS/SECONDARY EDUCATION CONCENTRATION
Mathematics 7-12**Suggested Course Sequence - 128 Total Credits Needed for Graduation**

FIRST YEAR FALL			CREDITS	FIRST YEAR SPRING			CREDITS
MATH 121	Calculus I		3	MATH 122	Calculus w. Analytic Geometry II		3
CPSC 121	Introduction to Programming		4	MATH 140	Bridge to Abstract Mathematics		3
WRIT 102	Research Writing		3	EDUC 150	Educational Psychology		3
PSYC 101	Intro to Psychology		3	PHYS 121	Physics I		4
CORE 113	Freshman Seminar		3	FTAE 105	Franciscan Goals for Today		3
MATH 192	Freshman Seminar		0	CORE 104	Spring Community Enrichment Series		0
CORE 103	Community Enrichment Series		0				
TOTAL			16	TOTAL			16
SECOND YEAR FALL			CREDITS	SECOND YEAR SPRING			CREDITS
MATH 221	Calculus III		3	MATH 222	Calculus IV		3
MATH 322	Linear Algebra		3	MATH 306	Differential Equations		3
EDUC 205	Intro to Special Education		3	EDUC 240	The Diverse Learner in Sec Settings		3
PHYS 122	Physics II		4	*LIT 104	Introduction to Literature		3
HIST	History Elective		3	PHIL 205	Disc Phil Reasoning & Responsibility		3
MATH 292	Sophomore Seminar		0	EPPS*	Social Science Elective		3
TOTAL			16	TOTAL			18
THIRD YEAR FALL			CREDITS	THIRD YEAR SPRING			CREDITS
MATH 401 or 407	Analysis or Algebra		3	ELEC	Free Elective		3
MATH 303 or 304	Geometry or Probability		3	EDUC 261	Linguistic Diversity in the Classroom		3
EDUC 333	Reading in the Content Area		3	EDUC 429	Middle/Secondary Methods I		3
ELEC	Free Elective		3	FNAR	Fine Arts Elective		3
ELEC	Free Elective		3	LANG	Any Language course at the 102 level or above		3
EXAM 301	Writing Competency Exam		0	ELEC	Free Elective		1
MATH 392	Junior Seminar		0				
TOTAL			15	TOTAL			16
FOURTH YEAR FALL			CREDITS	FOURTH YEAR SPRING			CREDITS
MATH 401 or 407	Analysis or Algebra		3	EDUC 450	Student Teaching		12
MATH 303 or 304	Geometry or Probability		3	EDUC 407	Teacher as Reflective Practitioner (for Education Majors)		3
PHIL 319	Philosophy, Ethics & Education		3				
ELEC	Free Elective		3				
EDUC 430	Middle/Secondary Methods II		3				
MATH 492	Senior Seminar		1				
TOTAL			16	TOTAL			15

34 Credits Major; 12 Credits Collateral; 33 Education Credits; 36 Additional Core Credits; 13 Credits Free Electives; 128 Total

*EPPS = ECON 101; PLSC 100-200 level, or SOC 100-200 level. Div. Req.: Diversity Requirement

Six credits of Math and six credits of English are Pennsylvania Department of Education program Requirements

**LIT 104-Completing any of the following 200-level literature courses (LIT 201, 202, 204,207,222,274, and 270) can also satisfy this requirement. Any course taken for the fulfillment of this general education requirement may not count for the general education outer core or for a course within any major.*