

Curriculum Map – Mathematics Major: General Track

NOTE: This curriculum map assumes that you have not transferred in any previously completed college level courses. Further, it assumes that you have met all of the prerequisites for the courses listed below. The prerequisite for MATH 175: Calculus I is a Math ACT subscore of 27 or Calculus KYOTE score of 15.

All baccalaureate degree seeking students must complete a minimum of 33 hours of general education courses which includes:

FYS 101 – First Year Seminar	ENG 100 – Writing I
MATH 123, 131, 135, 152, 174 or 175*	ENG 200 – Writing II
COMS 108 – Fund. Of Speech Communication	Knowledge – Natural Science (NSC; select 2)
Knowledge – Arts & Humanities (HUM)	Global Cultures – Arts & Humanities (HUM)
Knowledge – Social & Behavioral Sciences (SBS)	Ethics & Civil Engagement – Social & Behavioral Sciences (SBS)

The approved NSC, HUM, and SBS course list is located in the current MSU Undergraduate Catalog.

*If applicable, specific mathematics course required for degree shown below.

FIRST YEAR COURSE SCHEDULE								
?	Fall Semester	Code	Credits		?	Spring Semester	Code	Credits
	MATH 170/170L: Intro. to Comp. Sci.	R	4			Level 2 HUM	G	3
	ENG 100: Writing I	G	3			Level 2 NSC 1	G	3
	MATH 175: Calculus I	G	4			ENG 200: Writing II	G	3
	FYS 101: First Year Seminar	G	3			MATH 275: Calculus II	R	4
						COMS 108: Fund. of Speech	G	3
Total Credit Hours			14		Total Credit Hours			16

SECOND YEAR COURSE SCHEDULE								
?	Fall Semester	Code	Credits		?	Spring Semester	Code	Credits
	MATH 276: Calculus III	R	4			MATH 301: Elem. Linear Algebra	R/U	3
	MATH 300: Intro. to Math. Proofs	R/U	3			MATH Elective	R/U	3
	Minor course	R	3			Level 3 Ethics and Civic Engagement	G	3
	Level 2 SBS	G	3			Level 3 Cultures and Humanities: UTCH 250	G	3
	Level 2 NSC 2	G	3			MATH 315: Functions and Modeling	R/U	3
	MATH 195: Math. Comm. I	R	1			MATH 295: Math. Comm. II	R	1
Total Credit Hours			17		Total Credit Hours			16

THIRD YEAR COURSE SCHEDULE								
?	Fall Semester	Code	Credits		?	Spring Semester	Code	Credits
	MATH 308: Discrete Mathematics	R/U	3			Elective	E	3
	MATH 365: Intro. to Math. Stats	R/U	3			Elective	E	3
	MATH Elective	R/U	3			MATH Elective	R/U	3
	Minor course	R	3			Minor course	R/U	3
	Minor course	R	3			Elective	E	3
Total Credit Hours			15		Total Credit Hours			15

FOURTH YEAR COURSE SCHEDULE								
?	Fall Semester	Code	Credits		?	Spring Semester	Code	Credits
	Elective	E	3			Elective	E	3
	MATH 499C: Senior Thesis I	R/U	2			MATH 499D: Senior Thesis II	R/U	1
	MATH Elective	R/U	3			Minor course	R/U	3
	Minor course	R/U	3			Elective	E	3
	Minor course	R/U	3			Elective	E	3
Total Credit Hours			14		Total Credit Hours			13

(E) Elective,
(P) Pre-requisite

(G) General Education Course
(R) Required Course

(S) Supplemental
(U) Upper Division Course 300-400 level (you must have 42 hours)