

Curriculum Map – Mathematics Major: MSU Teach 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 students must have 36 hours of general education courses which include:

FYS 101 ENG 100 ENG 200 COMS 108 MATH 131/135/152/174/175 Capstone

One 3 credit hour course from each of the following categories:

HUM I HUM II SBS I SBS II NSC I NSCII

The approved course list may be accessed on the General Education site (log into MyMoreheadState and then open the “Academics” tab).

Mathematics Major: MSU Teach Track

FIRST YEAR COURSE SCHEDULE								
☑	Fall Semester	Code	Credits		Spring Semester	Code	Credits	
	MATH 170/170L: Intro. to Comp. Sci.	R	4		HUM I	G	3	
	UTCH 100: Step 1	R	1		NSC I	G	3	
	ENG 100: Writing I	G	3		ENG 200: Writing II	G	3	
	MATH 175: Calculus I	G	4		MATH 275: Calculus II	R	4	
	FYS 101: First Year Seminar	G	3		COMS 108: Fund. of Speech	G	3	
					UTCH 150: Step 2	R	1	
Total Credit Hours			15		Total Credit Hours			17

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		SBS I	G	3	
	MATH 315: Functions and Modeling	R/U	3		SBS II	G	3	
	UTCH 200: Knowing and Learning in Math. and Science	R	3		UTCH 250: Persp. on Sci. and Math (Hum II exchange)	G	3	
	NSC II	G	3		Minor course	R	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		MATH 371: College Geom. II	R/U	3	
	MATH 370: College Geom. I	R/U	3		MATH 350: Intro. to Higher Algebra	R/U	3	
	UTCH 300: Classroom Interactions	R/U	3		UTCH 350: Project-Based Instruction	R/U	3	
	Minor course	R	3		MATH 499C: Senior Thesis I	G/U	2	
	Minor course	R	3		Minor course	R	3	
Total Credit Hours			15		Total Credit Hours			14

FOURTH YEAR COURSE SCHEDULE								
☑	Fall Semester	Code	Credits		Spring Semester	Code	Credits	
	MATH 365: Intro. to Math. Stats	R/U	3		UTCH 450: Apprentice Teaching	R/U	12	
	MATH 499D: Senior Thesis II	G/U	1					
	UTCH 400: Research Methods	R/U	3					
	Minor course	R	3					
	Minor course	R	3					
	Minor course	R	3					
Total Credit Hours			16		Total Credit Hours			12

(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)