

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 33 hours of general education courses which include:

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

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).

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

SECOND YEAR COURSE SCHEDULE						
☐	Fall Semester	Code	Credits	☐	Spring Semester	
	MATH 276: Calculus III	R	4		MATH 301: Elem. Linear Algebra	
	MATH 300: Intro. to Math Proofs	R/U	3		Level 2 SBS	
	Minor course	R	3		Level 3 Ethics and Civic Engagement SBS	
	UTCH 200: Knowing and Learning in Math. and Science	R	3		Level 3 HUM UTCH 250: Persp. on Sci. and Math	
	Level NSC 2	G	3		MATH 315: Functions and Modeling	
	MATH 195: Math. Comm. I	R	1		MATH 295: Math. Comm. II	
Total Credit Hours			17	Total Credit Hours		

THIRD YEAR COURSE SCHEDULE						
☐	Fall Semester	Code	Credits	☐	Spring Semester	
	MATH 308: Discrete Mathematics	R/U	3		MATH 371: College Geom. II	
	MATH 370: College Geom. I	R/U	3		MATH 350: Intro. to Higher Algebra	
	UTCH 300: Classroom Interactions	R/U	3		UTCH 350: Project-Based Instruction	
	Minor course	R	3		MATH 499C: Senior Thesis I	
	Minor course	R	3		Minor course	
Total Credit Hours			15	Total Credit Hours		

FOURTH YEAR COURSE SCHEDULE						
☐	Fall Semester	Code	Credits	☐	Spring Semester	
	MATH 365: Intro. to Math. Stats	R/U	3		UTCH 450: Apprentice Teaching	
	MATH 499D: Senior Thesis II	R/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		

(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)