MAJOR: B. S. in grades 5-12 Mathematics Education

Course	Title		Credits	Sem.
LEP/MNTC Courses Required for Admission to Teacher Preparation Program				
COMM XXX	Any Goal 1 COMM with COMM prefix	*(Minimum grade of C or better required for admission to TPP)*	3	B
ENG 151 or 251	Academic Writing or Writing in Professions	*(Minimum grade of C or better required for admission to TPP)*	4	B
MATH XXX	Any Goal 4 MATH with MATH prefix	*(Minimum grade of C or better required for admission to TPP)*	3-5	B
Secondary Standards of Effective Practice Core				
ED 101	Introduction to Education & Lab		3	B
ED 102	Technology: Classroom Applications and Portfolio Development		2	B, Su
PSYC 341	Child & Adolescent Psychology	*Pre-Requisite: PSYC 101*	3	B
SPED 290	Introduction to Special Education & Lab		3	B
ED 312	Human Relations for Teachers		3	B
ED 301	The Teaching & Learning Process & Lab		3	F
Discipline Methods and Required Content Courses				
ED 430	Reading in the Content Areas		2	S
ED 406	Secondary Methods: Mathematics		3	S
ED 304	Professional Development & Classroom Applications		1	S
ED 304L	Pre-Student Teaching Experience Practicum		0	S
MATH 150	Calculus I		5	B
MATH 151	Calculus II	*Pre-Requisite: MATH 150*	4	F
MATH 200	Intro to Statistics		3	B
MATH 252	Calculus III	*Pre-Requisite: MATH 151*	4	F
MATH 300	Modern Geometry	*Pre-Requisite: MATH 151*	3	S
MATH 320	Foundations of Mathematics	*Pre-Requisite: MATH 150*	3	S
MATH 325	Combinatorics	*Pre-Requisite: MATH 320*	3	F
MATH 350	Differential Equations	*Pre-Requisite: MATH 151*	3	S
MATH 360	Linear Algebra	*Pre-Requisite: MATH 151*	3	F
MATH 480	Mathematics Seminar		1	F
Mathematics Electives (Choose 9 Credits)				
MATH 440	Abstract Algebra	*Pre-Requisites: MATH 151 AND MATH 320*	3	Varies
MATH 450	Real Analysis	*Pre-Requisites: MATH 151 AND MATH 320*	3	Varies
MATH 455	Applied Mathematics	*Pre-Requisites: MATH 252 AND MATH 350*	3	Varies
MATH 460	Complex Analysis	*Pre-Requisites: MATH 252 AND Junior Status*	3	Varies
Additional MATH courses at the 300 level or above				
MATH 3XX	MATH courses at the 300 level or above		3	
Not Required, but Strongly Encouraged				
HLTH 225	Alcohol, Narcotics & Tobacco		2	S
Student Teaching				
ED 469	Secondary Student Teaching		12	B
ED 473	Teacher Licensure		0	B
Degree & Major Credits				
	LEP/MnTC requirements		45	
	Math Education requirements		44	
	Secondary Education Coursework		29	
	Total credits required for major		118	
	Total credits required for bachelor's degree		120	

Courses in the shaded area can be taken prior to admission to the Teacher Preparation Program
Courses not in the shaded areas require admission to the Teacher Preparation Program
F = Fall   S = Spring   B = Both F & S   Su = Summer   fo = fall odd   so = spring odd   fe = fall even   se = spring even
For example – fo = Fall 2015; se = Spring 2016; fe = Fall 2016; so = Spring 2017

Special Notes:
- Students should take MATH 150 (or MATH 135 if needed) in their first semester.
- The student must fulfill the professional education requirements for licensure.
- A student should have a B (3.0) average in all required mathematics courses before being recommended for admission to the Teacher Education Program.
- A student should maintain a B (3.0) average in all required mathematics courses including a minimum of 22 credits completed before being recommended for student teaching.
- All courses counting toward the major must be completed with a grade of "C-" or better.

You are responsible for keeping informed of any changes in requirements which may affect your academic career.

This information is provided for advising. Official curriculum is published in the SMSU academic catalog: www.SMSU.edu/catalog/
Students should refer to the online catalog or their DARS report for current curriculum. **This advising guide was updated: 3/17/2024**