

Date Modified:	7.1.22
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Courses are sequenced to provide guidance and to help ensure that prerequisite requirements are met.

Catalog Year: 2022-2023

**MSU Bachelor of Science in Mathematics (Comprehensive)
after Crowder Associate of Arts in Mathematics**

MSU Year 3 Semester 1

REQUIREMENT DESCRIPTION	MSU COURSE ID/TITLE	CREDIT HOURS
General Elective **	Work with your MSU advisor to identify courses that will complement your specific career goals.	3
General Elective **	Work with your MSU advisor to identify courses that will complement your specific career goals.	3
Major Requirement	MTH 315 Algebraic Structures	3
Major Requirement	MTH 333 Linear Algebra	3
Major Elective <i>18 credit hours required</i>	Choose any MTH course numbered 400 or higher, in consultation with advisor.	3
Semester 1 Total		15

MSU Year 3 Semester 2

REQUIREMENT DESCRIPTION	MSU COURSE ID/TITLE	CREDIT HOURS
Major Requirement	MTH 503 Advanced Calculus I	3
Major Requirement	Choose one: MTH 421 Numerical Analysis I MTH 541 Statistical Theory II	3
Major Elective <i>18 credit hours required</i>	Choose any MTH course numbered 400 or higher, in consultation with advisor.	3
General Elective **	Work with your MSU advisor to identify courses that will complement your specific career goals.	3
General Elective **	Work with your MSU advisor to identify courses that will complement your specific career goals.	3
Semester 2 Total		15

MSU Year 4 Semester 3

REQUIREMENT DESCRIPTION	MSU COURSE ID/TITLE	CREDIT HOURS
General Elective **	Work with your MSU advisor to identify courses that will complement your specific career goals.	2
Major Elective <i>18 credit hours required</i>	Choose any MTH course numbered 400 or higher, in consultation with advisor.	3
Major Elective <i>18 credit hours required</i>	Choose any MTH course numbered 400 or higher, in consultation with advisor.	3
Major Requirement	MTH 532 Introduction to Abstract Algebra	3
Major Requirement	MTH 540 Statistical Theory I	3
Semester 3 Total		15

MSU Year 4 Semester 4

REQUIREMENT DESCRIPTION	MSU COURSE ID/TITLE	CREDIT HOURS
General Elective **	Work with your MSU advisor to identify courses that will complement your specific career goals.	3
General Elective **	Work with your MSU advisor to identify courses that will complement your specific career goals.	3
Major Requirement	MTH 497 Topics	1
Major Elective <i>18 credit hours required</i>	Choose any MTH course numbered 400 or higher, in consultation with advisor.	3
Major Elective <i>18 credit hours required</i>	Choose any MTH course numbered 400 or higher, in consultation with advisor.	3
Semester 4 Total		13
Total Hours at MSU		58
Total Hours Overall		120

** Electives provide the opportunity to customize your degree program. Some elective credits may or may not be needed to bring total credit hours to a minimum of 120 credit hours and upper division hours (300+) to 40.

This degree is also available as a Bachelor of Arts (BA).
[Click here to access the Bachelor of Arts Degree Requirements](#)
Please consult an MSU transfer advisor to determine your best degree options.

This information is provided as a guide only.

- Crowder students are strongly encouraged to meet with their major specific MSU transfer advisor early in their Crowder education to discuss the most appropriate Crowder coursework for their intended MSU major, MSU degree requirements, etc.
- Students are required to fulfill MSU graduation and GPA requirements to receive a degree and should consult with their MSU advisor and the MSU undergraduate catalog for details, as there may exist pre-requisite requirements as well as periodicity limitations that could affect scheduling sequences.
- Please note that transfer students from Missouri public colleges and universities may follow the general education and general baccalaureate degree requirements in effect at Missouri State when they first enrolled (or re-enrolled after an absence of one calendar year or more) as degree-seeking students at the institutions from which they transferred (e.g., Crowder).