

MSU Program Contact Info:	Education Advisement Center 417-836-5429
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OZARKS TECHNICAL COMMUNITY COLLEGE



OTC Associate of Arts in Teacher Education

to

MSU Bachelor of Science in Middle School Mathematics Education

Available on campus only.

Comprehensive major- does not require a minor or second major.

OTC Year 1 Semester 1

REQUIREMENT DESCRIPTION	OTC COURSE ID/TITLE		CREDIT HOURS	MSU EQUIVALENT	MSU MAJOR REQUIREMENT
Mathematical Sciences	MTH 128(S)	Contemporary Math recommended (C or higher & *Content GPA)	3-4	MTH 130	✓
Oral Communications	Choose one:		3	GEC 103 COM 115	✓
	COM 100 COM 105	Introduction to Communications (C or higher) Public Speaking (C or higher)			
Natural Sciences	BIO 100	Life Science	4	BIO 101/111	✓
Social/Behavioral Sciences	PSY 110	Introduction to Psychology	3	PSY 121	✓
Humanities and Fine Arts	Choose one Humanities and Fine Arts course		3	Varies	
Semester 1 Total			16-17		

OTC Year 1 Semester 2

REQUIREMENT DESCRIPTION	OTC COURSE ID/TITLE		CREDIT HOURS	MSU EQUIVALENT	MSU MAJOR REQUIREMENT
Program Specific Requirement	EDU 130	Orientation to the Teaching Profession (B or higher)	3	EDC elective	
Humanities and Fine Arts	Choose one Humanities and Fine Arts course		3	Varies	
Natural Sciences	PHY 105	Introduction to Physics	4	PHY 100	✓
Written Communications	Choose one:		3-5	ENG 110	✓
	ENG 100 ENG 101	Composition I with Support Composition I			
Social/Behavioral Sciences	HST 120 or HST 130	U.S. History I: to 1865 or U.S. History II: 1865 to Present	3	HST 121 or HST 122	✓
Semester 2 Total			16-18		

OTC Year 2 Semester 3

REQUIREMENT DESCRIPTION	OTC COURSE ID/TITLE		CREDIT HOURS	MSU EQUIVALENT	MSU MAJOR REQUIREMENT
Written Communications	ENG 102	Composition II	3	ENG 210	✓
Core 42 Elective	MTH 130	College Algebra (*Content GPA)	3	MTH 136	✓
Program Specific Requirement	PSY 130	Life Span Development Psychology	3	PSY 130+EDU 250 = PEU 006 (substitutes for PSY 360)	
Program Electives	EDU 220	Foundations of Education (B or higher)	3	PEU 010 (substitutes for EDC 350)	✓
Program Electives	EDU 225	Technology in Education (B or higher)	3	PEU 003 (substitutes for EDT 365)	✓
Semester 3 Total			15		

OTC Year 2 Semester 4

REQUIREMENT DESCRIPTION	OTC COURSE ID/TITLE		CREDIT HOURS	MSU EQUIVALENT	MSU MAJOR REQUIREMENT
Program Elective	EDU 270	Teaching Prof/Field Experience (B or higher)	3	PEU 015 (substitutes for SEC 302)	✓
Humanities and Fine Arts	Choose one Humanities and Fine Arts course		3	Varies	
Program Specific Requirement	EDU 250	Educational Psychology (B or higher)	3	PSY 130+EDU 250 = PEU 006 (substitutes for PSY 360)	✓
Core 42 Elective	MTH 210	Statistical Methods (*Content GPA)	3	MTH 340	✓
Social/Behavioral Sciences	PLS 101	American Government and Politics	3	PLS 101	✓
Semester 4 Total			15	Total Hours Applied Toward MSU Major Requirements:	47-50
Total Hours at OTC			62-65		

*Content area coursework must have an overall GPA of 3.0.

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MSU Bachelor of Science in Middle School Mathematics Education
after
OTC Associate of Arts in Teacher Education

MSU Year 2 Summer

REQUIREMENT DESCRIPTION	MSU COURSE ID/TITLE	CREDIT HOURS
Major Requirement	MTH 320 Foundations of Math for Teachers	3
Semester 1 Total		3

MSU Year 3 Semester 1

REQUIREMENT DESCRIPTION	MSU COURSE ID/TITLE	CREDIT HOURS
Major Requirement	EDC 150 Transitional Pathway: Education (For secondary and middle school majors transferring to MSU with an AATED degree. Combines with OTC PEU 015 credit to replace SEC 302 requirement)	0
Major Requirement	MID 400 Philosophy, Curriculum, and Organization of Middle School Education	3
Major Requirement	MTH 360 Foundations of Geometry for Teachers	3
Major Requirement	LTC 474 Reading and Writing in the Content Fields	3
Major Requirement	SPE 340 Educational Alternative for Exceptional Students	2
Major Requirement	EDC 345 Introduction to Multicultural Education and Diversity	3
Semester 1 Total		14

MSU Year 3 Semester 2

REQUIREMENT DESCRIPTION	MSU COURSE ID/TITLE	CREDIT HOURS
Major Requirement	MID 425 Middle School Curriculum	2
Major Requirement	EDT 520 Technologies in a Contemporary School Setting	1
Major Requirement	MTH 377 (SP Only) Mathematical Processes	3
Major Requirement	MTH 478 (SP Only) Mathematical Modeling for Teachers	3
Major Requirement	MTH 409 (SP Only) Teaching and Learning of Mathematics I	3
General Elective	Elective Work with your MSU advisor to identify courses that will complement your specific career goals	2
Semester 2 Total		14

MSU Year 4 Semester 3

REQUIREMENT DESCRIPTION	MSU COURSE ID/TITLE	CREDIT HOURS
Major Requirement	MID 439 Middle School Instructional Strategies	3
Major Requirement	MTH 479 (FA Only) Mathematical Tools and Structures	3
Major Requirement	LTC 574 Analysis and Correction of Difficulties in Adolescent Literacy	3
Major Requirement	SFR 486 Management and Assessment in the Middle and Secondary Classroom	3
General Elective	Elective** Work with your MSU advisor to identify courses that will complement your specific career goals	3
Semester 3 Total		15

MSU Year 4 Semester 4

REQUIREMENT DESCRIPTION	MSU COURSE ID/TITLE	CREDIT HOURS
Major Requirement	MID 493 Supervised Teaching (Middle School)	6
Major Requirement	MID 494 Supervised Teaching (Middle School)	6
Semester 4 Total		12
Total Hours at MSU		58
Total Hours Overall		120-123

**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.

[Find more resources and forms for all of our Education undergraduate programs](#)

This information is provided as a guide only.

- OTC students are strongly encouraged to meet with their major specific MSU transfer advisor early in their OTC education to discuss the most appropriate OTC 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 prerequisite 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., OTC).