



# Bachelor of Science in Education: Mathematics (5-9)

for students completing an

## Associate of Arts in Teaching with Jefferson College



### Jefferson College Suggested Coursework

#### General Education

JeffCo Course	MBU Course	Credits
---------------	------------	---------

ENG 101	English Composition I (MOTR ENGL 100)	3	ENGL 113
ENG 102	English Composition II (MOTR ENGL 200)	3	ENGL 123
COM XXX	Communications Req. (MOTR COMM 100/110)	3	COMM GER
	Fine Arts/Humanities	3	FA/HUM GER
EDU 240	EDU 240 Multicultural Education <sup>^</sup>	3	EDUC 203
	Fine Arts/Humanities	3	FA/HUM GER
BIO XXX	Biological Science**	3	BIOL GER
PHY XXX	Physical Science**	5	PHYS GER
MTH 141	Precalculus	5	MATH 155
PSC 102	US & Missouri Govt & Const (MOTR POSC101)	3	POLS 103
PSY 101	General Psychology	3	PSYC 133
PSY 205	Life Span Human Development	3	PSYC 313
		<b>40</b>	

#### Program Requirements\*

EDU 105	Exploring the Field of Education	1	EDUC 210
EDU 205	Educational Technology	3	EDUC 373
EDU 210	Foundations of Education in a Diverse Society	3	ELECT
EDU 225	Educational Psychology	3	EDPS 383
EDU 230	Teaching Profession with Field Experience <sup>^</sup>	3	EDCL 211
EDU 235	Education of Exceptional Learners	3	EDPS 453
		<b>16</b>	

#### BS Degree Requirements

HPE 130	Personal Health	3	KHSC 133
MTH 132	Introductory Statistics	3	MATH 243
		<b>6</b>	

#### Math Requirements%

MTH 172	Linear Algebra	3	MATH 353
MTH 180	Calculus I	5	MATH 164
		<b>8</b>	

#### Math Electives

MTH 130	Structure of the Real Number System <u>OR</u>	3	MATH GER
MTH 131	Survey of College Mathematics	-	MATH 123
		<b>3</b>	

### Missouri Baptist University Degree Completion Coursework

2024-2025 Catalog

#### Bachelor of Science

CBIB 113	Old Testament History	3
CBIB 123	New Testament History	3
		<b>6</b>

#### Professional Requirements\*

ECTA 323	Curriculum, Assessment, & Data-based Decision Making	3
EDRD 423/523	Integration of Literacy in the Content Areas	3
EDUC 303	Methods of Teaching & Differentiated Instruction ‡	3
EDUC 200	Continuing Portfolio Dev for Teacher Candidates (concurrent with EDUC 201)	0
EDUC 201	Professional Growth & Portfolio Development I ‡	1
EDUC 401	Professional Growth & Portfolio Development II	1
ETOP 423/523	Classroom & Behavior Management	3
EDMS 443/543	Middle School: Philosophy & Organization	3
EDMS 473/573	Teaching Math in Middle/Secondary: Sem. & FE (Web FA)	3
EDRD 463/563	Reading & Writing Strategies for Middle/Secondary	3
EDSP 453/553	Teaching Remedial Math K-12: Sem. & FE	3
EDTR 413/513	Trauma Informed Classroom I ‡‡	3
		<b>29</b>

#### Math Requirements%

MATH 213	Discrete Mathematics (Main FA)	3
MATH 323	Foundations of Geometry (Main FA-E)	3
		<b>6</b>

#### Field Experience

EDCL 220	Transfer Field Experience ‡ (Can be waived with proper documentation.)	0
EDUC 410	Teaching Field Experience II Seminar	0
EDCL 411	Teaching Field Experience II	1
EDUC 470	Student Teaching Professional Development Seminar	0
EMCL 4712	Student Teaching: Middle School	12
		<b>13</b>

Total JC Credit Hours	73
Total MBU Credit Hours	54
<b>Total</b>	<b>127</b>

<sup>^</sup>Teacher Education Gateway Course requires a grade of B or better (may be repeated once)

<sup>‡</sup>Students who transfer in a course for EDCL 211 who do not have a MEES evaluation (or equivalent) must take EDCL 200 Transfer Field Experience

A grade of C or better (or CR for zero credit classes) is required in courses taken to fulfill the requirements for a major or minor

Total Upper Division Hours Required: 42 minimum

Students must have a minimum 2.5 cum GPA to be admitted to the Teacher Education Program and for graduation.

\*The Professional Education Program GPA must be 3.000 or better

%The Content Area GPA must be 3.000 or better

**Students must meet all requirements for certification before this degree will be conferred.**