

# Bachelor of Science in Middle Childhood Education: Mathematics Concentration (5-9) for students completing an Associate of Arts in Teaching with Jefferson College

## Jefferson College Suggested Coursework

### General Education

JeffCo Course	MBU Course
ENG 101 English Composition I	3 ENGL 113
ENG 102 English Composition II	3 ENGL 123
COM XXX Communications	3 COMM GER
Humanities - EDU 240 Multicultural Education <sup>^</sup>	3 EDUC 203
Fine Arts/Humanities	3 FA/HUM GER
Fine Arts/Humanities	3 FA/HUM GER
BIO XXX Biological Science <sup>†</sup>	3-5 BIOL GER
PHY XXX Physical Science <sup>†</sup>	3-5 PHYS GER
MTH 141 Precalculus	5 MATH 155
PSC 102 US & Missouri Govt & Const	3 POLS 103
PSY 101 General Psychology	3 PSYC 133
PSY 205 Life Span Human Development	3 PSYC 313
	<b>32</b>

### Bachelor of Science

HPE 130 Personal Health	3 KHSC 333
MTH 132 Introductory Statistics	3 MATH 243
ECO 100 Introduction to Economics	3 ECON 103
	<b>9</b>

### Professional Requirements

EDU 105 Exploring the Field of Education	1 ELECT
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	3 EDCL 211
EDU 235 Education of Exceptional Learners	3 EDPS 453
	<b>16</b>

### Math Requirements

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

### Math Elective

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

### 2019-2020 Catalog Bachelor of Science

CBIB 113	Old Testament History	3
CBIB 123	New Testament History	3
IDST 403	World Citizen	3
		<b>9</b>

### Field Experience

EDUC 410	Teaching Field Experience II Seminar	0
EDCL 411	Teaching Field Experience II	1
EDUC 471	Student Teaching Seminar	1
EMCL 4712	Student Teaching: Middle School	12
		<b>14</b>

### Professional Requirements

ECTA 323	Curriculum, Assessment, & Data-based Decision Making	3
EDCL 200	Teaching in a Diverse Society Field Experience	0
* EDRD 423/523	Integration of Literacy in the Content Areas	3
EDUC 303	Methods of Teaching & Differentiated Instruction †	3
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)	3
* EDRD 463/563	Reading & Writing Strategies for Middle/Secondary	3
* EDSP 453/553	Teaching Remedial Math K-12: Sem. & FE	3
		<b>26</b>

### Math Requirements

MATH 213	Discrete Mathematics	3
MATH 323	Foundations of Geometry	3
		<b>6</b>

Total JC Credit Hours	68
Total MBU Credit Hours	55
<b>Total</b>	<b>123</b>



Plus-Two Transfer Agreement  
A grade of D is not acceptable in courses taken to fulfill the requirements for a major or minor

Total Upper Division Hours Required: at least 42

<sup>^</sup>Applicable to AAT degree; Required for MBU

<sup>†</sup>At least 7 hours; At least 1 course with a lab

\*May be taken for Senior Permission

‡Must enroll in EDAS WM7 Watermark