

# Bachelor of Science in Biology Education & Secondary Education

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 (MOTR ENGL 100)	ENGL 113	3
ENG 102 English Composition II (MOTR ENGL 200)	ENGL 123	3
COM XXX Communications Req. (MOTR COMM 100/110)	COMM GER	3
EDU 240 EDU 240 Multicultural Education <sup>A</sup>	EDUC 203	3
Fine Arts/Humanities	FA/HUM GER	3
Fine Arts/Humanities	FA/HUM GER	3
BIO 103 Biology for Majors I	BIOL 113+111	4
CHM 111 General Chemistry I	CHEM 133+132+130	5
MTH 180 Calculus I (or MTH 141 Precalculus if take PHY 111) <sup>1</sup>	MATH 164	5
PSC 102 US & Missouri Govt & Const	POLS 103	3
PSY 101 General Psychology	PSYC 133	3
PSY 205 Life Span Human Development	PSYC 313	3
		<b>41</b>

#### Program Requirements\*

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

#### BS Degree Requirements

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

#### Biology Major Requirements%

BIO 109 Ecology & Environment Conservation	BIOL 323A	3
BIO 113 Microbiology Health Science & Lab	BIOL 373+371	4
BIO 201 Genetics (on demand only) <sup>†</sup>	BIOL 343+341	4
BIO 104 Biology for Majors II	BIOL 123+121	4
PHY 105 Physical Geology & Lab	PHYS 123+121	4
PHY 223 General Physics I & Lab <sup>1</sup>	PHYS 213+211	5
		<b>24</b>

<sup>1</sup> May substitute PHY 111 Elementary College Physics I (MOTR PHYS 150L)

PHYS 133+131

### 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>
<b>Professional Requirements*</b>		
ECTA 323 Curriculum, Assessment, & Data-based Decision Making		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
EDMS 483/583 Teaching Science in Grades 5-12: Sem. & FE (Web/FA-E)		3
EDRD 463/563 Reading & Writing Strategies for Middle/Secondary		3
EDRD 423/523 Integration of Literacy in Content Areas		3
ETOP 423/523 Classroom & Behavior Management		3
EDTR 413/513 Trauma Informed Classroom I ‡‡		3
		<b>23</b>

#### Biology Education Major Requirements%

BIOL 401 Integrating Concepts of Biology (Hybrid)		1
BIOL 423 Cell Biology (Main)		3
IDST 313 History & Philosophy of Science & Technology (Web/SP-O)		3
		<b>7</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
ESCL 4712 Student Teaching: Secondary		12
		<b>13</b>

<sup>†</sup>May need to take BIOL 343+341 on Main Campus since only offered on demand at Jefferson College

Total JC Credit Hours	<b>87</b>
Total MBU Credit Hours	<b>49</b>
Total	<b>136</b>

<sup>A</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.

<sup>\*</sup>The Professional Education Program GPA must be 3.000 or better

<sup>%</sup>The Content Area GPA must be 3.000 or better

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