

Biology Education Major

College of the Ozarks (2025 – 2026)

Student Name: _____

Student ID #: _____

Advisor Name: _____

Expected Graduation: _____

General Education Courses Required

PHY 1004: Intro. to Physical Science	HTY 253: American Experience
BTS 103: Christian Worldview I	CC 100: Character Camp
BTS 4003: Christian Worldview II <i>(Prereq: BTS 103 & 91 hrs)</i>	CC 10V: BASE Camp
ART 103: Exploration of the Visual Arts <u>or</u> MUS 103: Music <u>or</u> DRM 103: Theatre	CC 201: Faithful Vocation
CSC 113: Fundamentals of Computer Systems <u>or</u> LSC 213: Information Literacy <u>or</u> Fulfilled by passing proficiency test	PAT 103: Patriotic Education I
ENG 103: College Composition I <u>or</u> ENG 104: College Composition with Support	PED 121: Swimming <u>or</u> Pass Swimming Proficiency
ENG 163: Readings in Western Civilization <i>(Coreq: HTY 163 if possible)</i>	PED 101: Lifetime Wellness <i>(Only if Swimming Proficiency is met by passing proficiency)</i>
ENG 253: American Rhetoric <i>(Prereq: ENG 103)</i>	MAT 133 College Algebra <i>(Recommended)</i> <u>or</u> MAT 1335: College Algebra with Support
Choose One Western Civilization: HTY 153: Western Civilization I HTY 163: Western Civilization II <i>(Coreq: ENG 163 if possible)</i>	PSY 273: Educational Psychology
	SPC 103: Public Speaking
Fine Arts Activities: Choose 1 course (3 credits)	
ART: 113 Two Dimensional Design ART 123: Drawing I DRM 113: Intro to Theatre Technology <i>(Fall only)</i>	DRM 163: Vocal Training for the Stage <i>(Fall only)</i> DRM 173: Movement Training for the Stage <i>(Spring only)</i> DRM 193: Dance Techniques I <i>(Fall only)</i>
<u>OR</u> : Three one-hour courses from Music Ensembles (MUE), or Class Piano, Class Voice, or Class Guitar (MUA)	

GPA Requirements

2.75 Cumulative GPA required for admission to Teacher Education Program.

3.00 Content GPA required for admission to Student Teaching & Teacher Certification.

2.50 Professional GPA required for Student Teaching and Teacher Certification.

Other Program Requirements

Prior to enrolling in any upper division education (EDU courses), students must be accepted into the Teacher Education (TE) Program. Requirements of the TE Program are available in the Education office or at www.cofo.edu – Academic Programs, Education Application & Checklists.

Prior to Student Teaching, students must be accepted into the Student Teaching Program. Use the same procedures listed above to locate the requirements.

Professional Education Courses (C- or better required)		
The following courses (200 level) can be taken prior to admission to the Teacher Education Program		
EDU 201: Classroom Observation (Prereq: Sophomore Status)		EDU 213: The Call to Teach: An Intro to Teaching (Prereq: Sophomore Status)
EDU 203: Psychological Development of the Child & Adolescent (Prereq: PSY 273 Educational Psych)	X	PSY 273: Educational Psychology (General Ed Requirement)
EDU 211: Classroom Participation (Prereq: EDU 201)		
The following courses (300-400 level) require admission to the Teacher Education Program		
EDU 303: Education of the Exceptional Learner		EDU 423: Educational Assessment and Data-Based Decision Making
EDU 333: Analysis of Curric. & Methods of Teaching (Prereq: EDU 211)		EDU 453: Trauma Sensitive Classroom Management (Prereq: Senior Status)
EDU 353 Instructional Interventions (Prereq: EDU 333) (Coreq: EDU 393 Methods of Teaching Literacy in Sec. Schools)		EDU 4202 Implement. of Sec. Best Practices (Fall) (Prereq: EDU 353) (Co-req: EDU 4213 Best Practices Teaching)
EDU 393: Methods of Teaching Literacy in the Secondary School (Coreq: EDU 353 Instruct. Interventions)		EDU 4213: Best Practices Teaching Biology (Fall)(Coreq: EDU 4202 Implem. of Sec. Best Practices)
Admission to Student Teaching is required prior to taking the following courses		
EDU 441: Classroom Leadership (1 week of student teaching semester)		EDU 45V: Student Teaching (13 weeks of student teaching semester)

Content Courses (C- or better required)

BIO 114: General Zoology (Fall)	BIO 314: Ecology (Spring) (Prereq: BIO 114 & BIO 124 OR BIO 233)
BIO 124: General Botany (Spring)	CHE 114: General Chemistry I (Fall) (Prereq: MAT 013 or Math ACT 21> & HS Chem or CHE 1004)
BIO 233: Fundamentals of Cell Biology & Genetics (Fall) (Prereq: BIO 124)	PHY 1024: Intro to Geology (Occasionally offered)
BIO 304: Microbiology (Fall-Even) (Prereq: CHE 124 & BIO 124 OR BIO 233)	SCE 333: The History & Philosophy of Science and Technology (Occasionally offered)(Prereq of at least one 300 or 400 level science course)
BIO 164: Human Anatomy & Physiology I (Fall) AND BIO 174: Human Anatomy & Physiology II (Spring) OR BIO 375: Human Anatomy (Spring) (Prereq: BIO 233) AND BIO 434: Human Physiology (Fall) (Prereq: BIO 384)	

Additional Courses Recommended for Biology Certification

BIO 384: Cell and Molecular Biology (Prereq: BIO 233)	BIO 444: Genetics and Genomics (Prereq: BIO 233)
BIO 462: Senior Thesis (Prereq: Instructor Permission & Sr. Status)	

Additional Courses Recommended for Chemistry Certification

CHE 124: General Chemistry II (Prereq: CHE 114, C-or better)	CHE 215: Organic Chemistry I (Prereq: CHE 124 C-or better)
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Additional Courses Recommended for Physics Certification

PHY 214: Physics I: Algebra/Trigonometry-based (Prereq: MAT 135 or MAT 153, C-or better)	PHY 224: Physics II: Algebra/Trigonometry-based (Prereq: PHY 214)
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