

Mathematics/Secondary Education Major

College of the Ozarks (2019 – 2020)

Student Name: _____

Student ID #: _____

Advisor Name: _____

Expected Graduation: _____

General Education Courses Required for the Secondary Education Major	
BIO, CHE, or PHY: 4 hours of Natural Science Course <i>(PHY 1004: Intro to Physical Sci. Recommended)</i>	HTY 253: American Experience <i>(Coreq: ENG 253)</i>
BTS 103: Christian Worldview I	IDS 100: Character Camp
BTS 4003: Christian Worldview II <i>(Prereq. BTS 103 & 91 hrs)</i>	IDS 10V: BASE Camp <i>(Summer)</i> <u>or</u> IDS 101: First Year Experience <i>(Fall/Spring)</i>
ART 103: Exploration of the Visual Arts <u>or</u> MUS 103: Music <u>or</u> DRM 103: Theatre	IDS 103: Patriotic Education I
CSC 113: Fundamentals of Computer Systems <u>or</u> LSC 213: Information Literacy <u>or</u> Fulfilled by passing proficiency test	IDS 401: Patriotic Education II <i>(Prereq. IDS 103)</i>
ENG 103: College Composition I	PED 121: Swimming <u>or</u> Pass Swimming Proficiency
ENG 163: Readings in Western Civilization <i>(Coreq: HTY 163)</i>	PED 101: Lifetime Wellness <i>(Only if Swimming Proficiency is met by passing proficiency)</i>
ENG 253: American Rhetoric <i>(Coreq: HTY 253)</i>	MAT 135 Discrete Mathematics & Trig <i>(MAT 133 or Math ACT ≥ 25)</i>
HTY 153: Western Civilization I	PSY 273: Educational Psychology
HTY 163: Western Civilization II <i>(Coreq: ENG 163)</i>	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> OR: Three one-hour courses from Music Ensembles (MUE), or Class Piano, Class Voice, or Class Guitar	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 Technique I <i>(Fall only)</i>
Additional Bachelor of Arts or Bachelor of Science requirements	
<u>B.S. degree</u> - The requirements for B.S. degree is met by your additional math class and by CSC 133.	
<u>B.A. degree</u> - Candidate for the B.A. degree will take two courses in one foreign language (Totaling 6 hours).	

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: soph.or higher)		EDU 213: The Call to Teach: An Intro to Teaching
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 333: Analysis of Curric. & Methods of Teaching
EDU 353 Instructional Interventions (Prereq: EDU 333) (Coreq: EDU 393 Methods of Teaching Literacy in Sec. Schools)		EDU 423: Educational Assessment and Data-Based Decision Making
EDU 393: Methods of Teaching Literacy in the Secondary School (Coreq: EDU 353 Instruct. Interventions)		EDU 4202 Implement. of Sec. Best Practices (Fall) (Coreq: EDU 4243 Best Practices Teaching)(Prereq: EDU 353)
		EDU 4243: Best Practices Teaching Mathematics (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)
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Content Courses (C- or better required)

CSC 133: Programming Fundamentals (Prereq: 70% or higher on the computer proficiency exam & be in or have had MAT 133 or higher)		MAT 333: Linear Algebra (Spring) (Prereq: MAT 205)
MAT 175: Calculus I (Prereq: MAT 133 and MAT 153 or MAT 135 or Math ACT ≥ 27)		MAT 343: Probability & Statistics (Fall) (Prereq: MAT 305)
MAT 205: Calculus II (Prereq: MAT 175)		MAT 353: Numerical Analysis (Spring-Even) (Prereq: MAT 205 & CSC 133) or MAT 373: Number Theory (Spring-odd) (Prereq: MAT 135)
MAT 305: Calculus III (Prereq: MAT 205)		MAT 403: Intro to Real Analysis (Fall) (Prereq: MAT 135 & 305)
MAT 323: Geometry (Fall-odd) (Prereq: MAT 135 & MAT 175)		MAT 433: Intro to Abstract Algebra (Spring) (Prereq: MAT 135 & 305)

Additional Course Required for Secondary Math Education Majors

MAT 453: Great Ideas in Math (Fall)(Prereq: MAT 403 & MAT 433)
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X = Met in General Education Course Work

GPA Requirements

2.75 Cumulative GPA required for admission to Teacher Education Program.
3.00 Professional GPA required for admission to Student Teaching & Teacher Certification.
3.00 Content 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.