

Engineering/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			
	CHE 114 – General Chemistry I		HTY 253: American Experience (Coreq: ENG 253)
	BTS 103: Christian Worldview I		IDS 100: Character Camp
	BTS 4003: Christian Worldview II (Prereq. BTS 103 & 91 hrs)		IDS 10V: BASE Camp (Summer) or IDS 101: First Year Experience (Fall/Spring)
	ART 103: Exploration of the Visual Arts or MUS 103: Music or DRM 103: Theatre		IDS 103: Patriotic Education I
	ENR 1123 Engineering Computer Modeling (Spring) (CSC 113 proficiency is not allowed)		IDS 401: Patriotic Education II (Prereq. IDS 103)
	ENG 103: College Composition I		PED 121: Swimming or Pass Swimming Proficiency
	ENG 163: Readings in Western Civilization (Coreq: HTY 163)		PED 101: Lifetime Wellness (Only if Swimming Proficiency is met by passing proficiency)
	ENG 253: American Rhetoric (Coreq: HTY 253)		MAT 135 Discrete Mathematics & Trig (MAT 133 or Math ACT≥ 25)
	HTY 153: Western Civilization I		PSY 273: Educational Psychology
	HTY 163: Western Civilization II (Coreq: ENG 163)		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 (Fall only) OR: Three one-hour courses from Music Ensembles (MUE), or Class Piano, Class Voice, or Class Guitar		DRM 163: Vocal Training for the Stage (Fall only) DRM 173: Movement Training for the Stage (Spring only) DRM 193: Dance Technique I (Fall only)
Additional Bachelor of Arts or Bachelor of Science requirements			
	B.S. degree - The requirements for B.S. degree is met by your additional math class and by CSC 133.		
	B.A. degree- 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) (Co-req: 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 (co-req: EDU 353 Instruct. Interventions)			EDU 4202 Implement. of Sec. Best Practices (Fall) (Co-req: EDU 4273 Best Practices Teaching)(Prereq: EDU 353)
			EDU 4273: Best Practices Teaching Engineering (Fall)(Co-req: 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)			
X	ENR 1123: Engineering Computer Modeling (Spring)		ENR 3343: Communication Systems (Occasionally)
	ENR 1103: Introduction to Engineering (Fall)		ENR 3413: Materials and Processes (Fall)
	ENR 2173: Mechanics I – Statics (Fall)		ENR 3433: Thermodynamics and Fluid Systems (Fall)
	ENR 2183: Mechanics II – Dynamics (Spring)		ENR 3502: Industrial Engineering Concepts (Fall)
	ENR 2354: Circuits and Systems (Fall)		ENR 3513: Lean and Six Sigma Concepts (Spring)
	ENR 2413: Mechanics of Materials (Spring)		ENR 3502: Industrial Engineering Concepts (Spring)
	ENR 2903: Engineering Project Management (Spring)		ENR 3703: Chemical Engineering Fundamentals (Spring)
	ENR 3113: Measurement and Control (Spring)		ENR 4102: Capstone Design I (Fall)
	ENR 3203: Civil Infrastructure (Fall)		ENR 4103: Capstone Design II (Spring)

Required Collateral Courses			
	MAT 175: Calculus I		MAT 333: Linear Algebra (Spring)
	MAT 205 Calculus II		MAT 343: Probability and Statistics (Fall)
	MAT 305: Calculus III		PHY 234: Physics I: Calculus-based (Fall)
	MAT 313 Differential Equations (Fall)		PHY 244: Physics II: Calculus-based (Spring)

X = Met in General Education Course Work

GPA Requirements
2.75 Cumulative GPA required for admission to Teacher Education Program.
2.75 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.cofu.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.