

Chemistry 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 1034: Intro. To Environment Science <i>(Spring)</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>(Req. BTS 103 & 91 hrs)</i>	IDS 10V: BASE Camp <i>(Summer)</i> or IDS 101: First Year Experience <i>(Fall/Spring)</i>
ART 103: Exploration of the Visual Arts or MUS 103: Music or DRM 103: Theatre	IDS 103: Patriotic Education I
	IDS 401: Patriotic Education II <i>(Prereq. IDS 103)</i>
CSC 113: Fundamentals of Computer Systems or LSC 213: Information Literacy or Fulfilled by passing proficiency test	PED 121: Swimming or Pass Swimming Proficiency
ENG 103: College Composition I	PED 101: Lifetime Wellness <i>(Only if Swimming Proficiency is met by passing proficiency)</i>
ENG 163: Readings in Western Civilization <i>(Coreq: ENG 163)</i>	MAT 133: College Algebra <i>(Recommended)</i>
ENG 253: American Rhetoric <i>(Coreq: HTY 253)</i>	MAT 153: Trigonometry or MAT 135: Discrete Math & Trig <i>(Must have C- or better in MAT Courses)</i>
HTY 153: Western Civilization I	PSY 273: Educational Psychology
HTY 163: Western Civilization II <i>(Prereq: HST 153)</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	
B.S. degree candidates In addition to the above requirements, candidates for the B.S. degree will select one course from two of the following areas (6-8 total hours): Agriculture (AGR 103 or AGR 213 or AGH 133 only), Biology, Chemistry, Computer Science (excludes CSC 113, CSC 123 and CSC 253), Engineering (excludes ENR 1123 if used to satisfy the information management requirement), Physics, Science, Mathematics (excludes MAT 013). Physical Education K-12 majors may count PED 293.	
B.A. degree candidates B.A. degree candidates will select two courses in one foreign language (Greek, Hebrew, Latin, or Spanish, as available): 6 hours. SPA 113, SPA 123, or SPA 143 may count for only one of these two courses. Students completing one of these courses should then take SPA 153. Students beginning with SPA 153 should then take SPA 203; those beginning with SPA 203 should then take SPA 213.	

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 (Prereq: EDU 213 The Call to Teach)		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 4223 Best Practices Teaching)(Prereq: EDU 353)
			EDU 4223: Best Practices in Teaching Chemistry (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)			
X	BIO 1034: Intro. To Environmental (Spring)		CHE 334: Quantitative Chem. Analysis (Fall-Odd) (CHE 124)
	CHE 114: General Chemistry I (Fall)(Prereq: MAT 013 or MPT 25> or Math ACT 21> and HS Chemistry or CHE 104)		CHE 344: Instrumental Chem. Analysis (Spring-Even)(CHE 334)
	CHE 124: General Chemistry II (Spring)(CHE 114)		CHE 444: Biochemistry I (Spring-Even) (Prereq: CHE 215)
	CHE 215: Organic Chemistry I (Fall)(CHE 124)		PHY 1024: Intro to Geology (Occasionally offered)
	CHE 225: Organic Chemistry II (Spring)(CHE 215)		PHY 214: College Physics I (Fall-Even)(MAT 175 & either HS Physics or PHY 104; MAT 205 recommended) OR PHY 234: General Physics I (Fall-Odd)(MAT 175 & either HS Physics or PHY 104; MAT 205 recommended)
	CHE 314: Physical Chemistry I (Fall-Even) (CHE 225 or 334 & MAT 175)		SCE 333: History/Phil. Of Science & Technology (Occasionally offered)

X = Met in General Education Course Work

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.
3.00 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.