



**School of Education
Empowerment for Learning**

CURRICULUM GUIDE

8-12 Bachelor of Arts in Chemistry 05/03/2018

Name _____ Advisor _____ Ethnicity _____
 Gender: M F Address _____
 ID# _____ Telephone Number _____
 E-Mail Address _____ Semester/Year admitted (SOE) _____
 CAP I _____ CAP 2/Praxis (CASE) _____ CAP 3/Portfolio _____ CAP 4/Portfolio _____
 PRAXIS Chemistry Content Knowledge (5245) _____ (147 passing) Date Taken _____
 PRAXIS PLT Exam (5624) _____ (160 passing) Date Taken _____

Praxis Disclaimer: Kentucky educator certification requirements are subject to change. Before registering for the test(s), please check the Education Professional Standards Board website at www.epsb.ky.gov for current test requirements and current cut scores. You may also contact 502-564-4606 or toll free at 888-598-7667.

Reminders: A minimum overall GPA of 2.75 is required for admission to and continuation in the educator preparation program. A C or better is required in all courses on curriculum guide. A CAP 4 portfolio of satisfactory evidence for all KTPS/InTASC standards is required for program exit at CAP 4. For a complete listing of all program requirements, please see the appropriate CAP guide.

Professional Courses	
33 Hours	
Foundation Coursework: 12 hours Sem/Year Grade _____ ED 199 Entry to Teacher Preparation (0) _____ ED 220 Introduction to Teaching (3) _____ ED 300 Human Dev. & Learn. Theory(3) _____ ED 310 Instructional Technology(3) _____ ED 325 Teaching Diverse Learners(3)	Pedagogy Coursework: 9 hours Sem/Year Grade _____ ED 359 Content Literacy _____ ED 390 Assessment & Instructional Strategies (3) _____ ED 414 Classroom Management (3) Clinical Practice: 12 hours _____ ED 450 Student Teaching (12)
8-12 Chemistry Courses	
64-66 Hours + 7 General Education	
Related Courses: 26 Hours a. Biology Content Courses: _____ BIO 200 Biological Concepts (4)* <p align="center">Total: 4 Gen Ed</p> b. Earth/Space Science Courses: _____ GEO 105 Intro. to Earth Science (3)* _____ GEO 106 Intro. to Earth Science Lab (1) <p align="center">Total: 1 Hour + 3 Gen Ed</p> c. Physics Courses: _____ PHY 141/143 College Physics I/Lab (4)A _____ PHY 142/144 College Physics II/Lab (4)A _____ PHY 241/243 Univ. Physics I and Lab (5)B _____ PHY 242/244 Univ. Physics II and Lab (5)B Take Group A or B Total: 8-10 Hours d. Mathematics Courses: _____ MTH 210 Analytics and Calculus I (4) (Fall) _____ MTH 211 Calculus II (4) (Spring) <p align="center">Total: 8 Hours</p> e. Major Courses _____ CHE 111 General Chemistry I (3) _____ CHE 113 Gen. Chem. I Lab (1) _____ CHE 112 Gen. Chem. II (3) _____ CHE 114 Gen. Chem. II Lab (2) _____ CHE 321 Analytical Chemistry (4) _____ CHE 341 Organic Chem. I (3)	_____ CHE 343 Organic Chem.I Lab (1) _____ CHE 342 Organic Chem. II (3) _____ CHE 380 Junior Seminar (1) _____ CHE 411 Phy. Chem. for Life Sci. (3) _____ CHE 412 Phy. Chem. for Life Sci. Lab (1) _____ CHE 450 Methods of Science Teaching (3) _____ CHE 460 Biochemistry (3) _____ CHE 480 Senior Seminar (1) <p align="center">Total: 32 Hours</p> _____ BA Foreign Language Requirement (12) <p align="center">Total: 12 Hours</p> f. Electives for the major: 3 hours _____ CHE 315 Research Methods (2) _____ CHE 344 Org. Chem. II Laboratory (1) _____ CHE 350 Instrumental Methods (4) _____ ENV 355 Environmental Chemistry (4) _____ CHE 370 Inorganic Chemistry (3) _____ CHE 385 Internship (1-4) _____ CHE 390 Junior Research (1-3) _____ CHE 400 Special Topics (3) _____ CHE 490 Senior Research (1-3) <p align="center">Total: 3 Hours</p> General Education: 41 hours First Year 2 hours Professional Education: 33 hours Chemistry Content Courses: 64-66 hours Total 140-142 hours
* General Education Requirement	

My signature below indicates I hereby recognize it is my responsibility to review and ensure I complete the above requirements for successful continuation in and exit from the Teacher Education Program.

Student Signature

Date

Advisor Signature

Date