

SCHOOL of Agricultural and Natural Sciences

Department of Natural Sciences

Chemistry Education Program

Education Major and Respective Benchmark	
Chemistry Education Program/Department of Natural Science Level	Benchmarks <ul style="list-style-type: none">• High school graduate or GED• Admission to UMES• Selection of Chemistry Education as a major
Qualifying Level: First Semester Freshman Year	<ul style="list-style-type: none">• Complete minimum of 15 credits in General Education• Earn 2.75 grade point average
Level 1: Second Semester Freshman Year through First Semester Sophomore Year	<ul style="list-style-type: none">• Have acceptable results on a criminal background check• Complete EDCI 200 with grade of “C” or better and 10 hours of field experiences with “acceptable” professional dispositions on mentor teacher evaluation• Complete 30 hours (total 45 credit minimum) of general education courses with an overall gpa of 2.75 (i.e., ENGL 101, ENGL 102, ENGL 203, ENGL/001, MATH 102 or higher, Science and Lab, PSYC 200)
Level 2: Second Semester Sophomore Year through First Semester Junior Year	<ul style="list-style-type: none">• Take and submit State passing scores on PRAXIS I (or provide State passing scores on the SAT or ACT)• Complete and Submit Teacher Education Application (The above should be completed no later than after second semester sophomore year); should be admitted to Teacher Education• Begin courses in Teacher Education• Continue to maintain a 2.75 gpa overall and in major courses and have “acceptable” disposition ratings on mentor teacher evaluations
Level 3: Second Semester Junior Year through End of Senior Year	<ul style="list-style-type: none">• Take and submit State passing scores on PRAXIS II in Chemistry Education• Complete an application for the internship and meet the requirements to complete all courses (with the exception of senior seminar and internships) with an overall gpa of 2.75 and 2.75 in major courses with no grade lower than “C”• Positive feedback on Internship Interview and attendance at the Internship Workshop• After acceptance into the Internship, the student will successfully complete two internships at the elementary and secondary levels and senior seminar with a grade of “C” or better and “acceptable” dispositions on mentor teacher and University supervisor evaluations• Maintain an overall gpa of 2.75 and 2.75 in major courses with no grade lower than “C”• Passing (“acceptable”) score on Portfolio Exam
Total Credits to complete Chemistry Education : 131	