

**SCHOOL of Agriculture and Natural Sciences**  
**Department of Natural Science**  
**Chemistry ACS Certified (Non-Teaching) Program**

**Chemistry Major and Respective Benchmark**

<b>(Chemistry) Level Qualifying</b>	<b>Benchmarks</b>
<b>Level:</b> First Semester Freshman Year	Enrolled in BIOL 111 and BIOL 113 Enrolled in MATH 109 Enrolled in CHEM 111 and CHEM 113 Enrolled in DNSC 100 Enrolled in ENGL 101
<b>Level 1:</b> Second Semester Freshman Year through First Semester Sophomore Year	Successful completion (Grade of C or better) of CHEM 112 & 114 Successful completion of ENGL 102
<b>Level 2:</b> Second Semester Sophomore Year through First Semester Junior Year	Successful completion of CHEM 212 & 214 Successful completion of CHEM 311 & 312 Successful completion MATH 112
<b>Level 3:</b> Second Semester Junior Year through First Semester Senior Year	Successful completion of CHEM 341 & 343 Successful completion of PHYSICS 182 & 184 Successful completion of Senior Seminar CHEM 497 and

**Total Credits to complete  
 (Chemistry) : 120**