



A.S. DEGREE TO B.S. DEGREE

Purpose: This curriculum is designed for students who plan to complete an Associate in Science Degree in Chemistry at Murray State College and then transfer to Southeastern Oklahoma State University to complete a Bachelor of Science in Chemistry Degree. The Associate in Science Degree fulfills the lower division University studies requirement.



CHEMISTRY

MSC-Associate in Science

Freshman Year-Murray State College

Fall Semester		Spring Semester		
ORI 1011	New Student Orientation	1 ENG 1213	English Composition II	3
ENG 1113	English Composition I	3 CHM 1214	General Chemistry II	4
CHM 1114	General Chemistry I	4 CIS 1113	Computer Applications	3
MTH 1513	College Algebra	3 PE 1112	Personal Health	2
	Related Elective	3 MTH 1613	Plane Trigonometry	<u>3</u>
	Humanities Core			15
				17

Sophomore Year-Murray State College

Fall Semester		Spring Semester		
HST 1483 or 1493	United States History	3 GVT 1113	American Federal Government	3
PHY 1114	General Physics I	4 PHY 1214	General Physics II	4
	Related Elective	3 MATH 2143	Brief Calculus	3
	Humanities Elective		Related Elective	3
	Liberal Arts Elective		Humanities Elective	<u>3</u>
				16
				16

SE-Bachelor of Science

+Junior Year-Southeastern Oklahoma State University

Fall Semester		Spring Semester		
CHEM 3053	Organic Chemistry I	3 CHEM 3153	Organic Chemistry II	3
CHEM 3062	Organic Chem Lab I	2 CHEM 3162	Organic Chem Lab II	2
CHEM 2113	Inorganic Chemistry I		Chemistry Elective*	3
	Electives in Minor**		Upper-Division Elective	3
	Elective		Electives in Minor**	<u>6</u>
				17

*Chemistry electives must include four hours of upper-division laboratory.

**Six hours of minor must be upper-division.

+Senior Year-Southeastern Oklahoma State University

Fall Semester		Spring Semester		
CHEM 3425	Chemical Analysis	5 CHEM 4951	Senior Seminar	1
	Chemistry Electives*	3-6	Chemistry Elective*	4-7
	Upper-Division Elective	3	Electives (In Minor if needed)	6
	Electives (In Minor if needed)	<u>3-6</u>	Upper-Division Electives	<u>3</u>
		17		17

Total hours transferred from Murray State College: 64

Total hours needed to complete Bachelor of Science in Chemistry: 65-68

+For further information contact: Dr. Tim Smith, Chair, Department of Chemistry, Computer, and Physical Sciences—tsmith@se.edu (580)-745-2444