



A.S. DEGREE TO B.S. DEGREE

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



BIOLOGY (Botany Option)

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 MTH 1513	College Algebra	3
ZOO 1114	General Zoology	4 BOT 1114	General Botany	4
CIS 1113	Computer Applications	3 PE 1112	Personal Health	2
		15		16

Sophomore Year-Murray State College

Fall Semester		Spring Semester		
HST 1483 or 1493	United States History	3 GVT 1113	American Federal Government	3
MATH 1613	Plane Trigonometry	3 CHM 2345	Organic Chemistry	5
PHYS 1114	General Physics I	4 PHYS 1214	General Physics II	4
	Liberal Arts Elective	3	Science Elective	2
	Humanities Elective	3	Humanities Elective	3
		16		17

SE-Bachelor of Science

+Junior Year-Southeastern Oklahoma State University

Fall Semester		Spring Semester		
BIOL 1404	Principles of Biology I	4 BIOL 3404	Genetics	4
	Math above algebra or STAT 2153	3 BIOL 3414	Ecology	4
	Upper-division Elective	3 BIOL 3814	Cell and Molecular Biology	4
	Electives in Minor**	6	Elective in Minor**	3
		16		15

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

+Senior Year-Southeastern Oklahoma State University

Fall Semester		Spring Semester		
BIOL 4303	Evolution	3 BOT 4214	Systematic Botany	4
BIOL 4981	Senior Seminar	1	Biological Sciences Elective	4
	Biological Sciences Elective	4	Biological Sciences Elective	4
	Electives (In Minor if needed)	9	Elective (In Minor if needed)	3
		17		15

Total hours transferred from Murray State College: 64

Total hours needed to complete Bachelor of Science in Biology: 63

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