

Bachelor of Science
in Biology with 8-12 Life Science Certification

Odessa College 2008-2009

1st and 2nd years at OC

ASU Course	OC Course
Communication 2301 or 2331 (3 hrs)	Speech 1315 or 2341 (3 hrs)
English 1301 and 1302 and Sophomore Literature (9 hrs)	English 1301 and 1302 Any Sophomore Literature (9 hrs)
Government 2301 and 2302 (6 hrs)	Government 2301 and 2302 (6 hrs)
History 1301 and 1302 (6 hrs)	History 1301 and 1302 (6 hrs)
Math 1302, 1303, 1321, 1361, 1362, 2331 or 2332 (6 hrs)	Math 1314, 1316, 1348, 2412, 2413 or 2414 (6 hrs)
Biology 1480 (4 hrs lab science)	Biology 1406 (4 hrs lab science)
Physical Activity (1 hr)	Any Physical Activity (1 hr)
Social Science: Economics 2300, 2301, 2302 or Geography 2301 or Psychology 1303, 2301, 2304, 2305 or Sociology 2301, 1303, 2305, 2307 (3 hrs)	Economics 2301, 2302 or Geography 1301 or Psychology 2315, 2301, 2314, 2319 or Sociology 1301 (3 hrs)
Visual/Performing Arts: Art 1301, 1302, 1305, 2301, 2302 or Drama 1311, 1321, 1351, 2331, 2334 or Music 1310, 1341, 1342, 1351, 1361, 1375, 1376 (3 hrs)	Art 1301, 1303, 1304 or Music 1306, 1311, 1301 (3 hrs)
Chemistry 1411 (4 hrs lab science)	Chemistry 1311, 1111 (4 hrs lab science)

Student may only use up to 66 JC credit hours toward degree plans at ASU.

Angelo State University 2008-2009

3rd and 4th years at ASU

Academic Major

Biology 2401, 2402, 2403	12
Biology 3301, 4303, 4451	10
Biology (Advanced)	15

Other Requirements

Chemistry 2153, 2353	4
Chemistry 3331*	3
Education 2323, 4321, 4322**, 4323**, 4973	21
Educational Psychology 3303	3
Reading 4320	3

<u>Electives</u>	14
------------------	----

* Chemistry requirement may also be satisfied by Chemistry 1411, 1412, 3151, 3351, 3152, 3352, and 4331. These courses would also satisfy the requirement for a minor.

Those interested in a Biology minor must complete the following courses: 1480, 2401 or 2402, 3301, 4303, 4451. Students with a major in Medical Technology or Biochemistry should follow biology minor requirements listed for those degrees.

** Students must have been admitted to the teacher education program and must be currently satisfying admission standards before being allowed to enroll in either Education 4322 or 4323.

Biology as an Academic Specialization with Elementary Certification: A student who chooses biology for an academic specialization must complete the following courses: Biology 1410, 1411, and ten additional semester hours, nine of which must be advanced. Recommended advanced courses include: 3301, 3101, 3305, 3333, 3461, 4381, 4412, 4435. Students should enroll in advanced courses during the junior year.

IN ALL DEGREE SPECIALIZATIONS, THE CATALOG IS THE FINAL
AUTHORITY