

Biology

Associate in Science

Program Objective

The objective of the Biology Associate in Science is to prepare students for transfer to a bachelor degree granting institution to major in a life science.

Requirements for Graduation

1. At least sixty-two designated semester credit hours.
2. Grade of "C" or better required in all Major Field Requirement courses.
3. Grade Point Average of 2.0 or better.
4. Fifteen semester credit hours in attendance at SSC.
5. Completion of Graduate Exit Survey.

Please Note: Consult with advisor for specific transfer requirements. General Education and Major Field requirements vary between universities.

For Information Contact:

Science, Technology, Engineering, and Mathematics Division (405) 382-9266

Transfer Note: A statewide transfer agreement guarantees students transferring to an Oklahoma public four-year university **with an associate in arts or associate in science degree** the associate degree will satisfy all freshman and sophomore general education requirements at the four-year university.

General Education Requirements 33

GOV 1113	American National Government 3
HIST 1483	American History to 1877 or
HIST 1493	American History since 1877..... 3
ENG 1113	Composition I 3
ENG 1213	Composition II 3
SPCH 1143	Speech..... 3
HUM	Any class designated as Humanities 6
MATH 1523	Pre-Calculus for Business and Biology or
MATH 1503	Elementary Statistics..... 3
SCIENCE	<i>met by program</i>
CAP 1103	Introduction to Microsoft Office 3
HPER 1012	Wellness and Human Development or
	Two HPER Activity Courses 2
SOC 1101	Freshman Seminar (or STSC 1002) 1
ELECTIVE	Select from Psychology, Social Sciences, World Languages, or Fine Arts 3

Major Field Requirements 21

BIOL 1214	Principles of Biology
BIOL 1224	General Botany or BIOL 1234 General Zoology
BIOL 2224	Microbiology
CHEM 1315	General Chemistry I
PHYS 2114	General Physics I

Major Field Electives and Support..... 8-9

Select from the following:

MATH 2213	Calculus for Business and Biology (recommended)
AGRI 1104	Introduction to Animal Science
AGRI 1204	Introduction to Plant and Soil Science
BIOL 1224	General Botany
BIOL 1234	General Zoology
BIOL 2113	Introduction to Nutrition
BIOL 2114	Human Anatomy
BIOL 2214	Human Physiology
BIOL 2301-3	Special Projects in Biology
CHEM 1114	Introduction to Chemistry
CHEM 1515	General Chemistry II
ENVS 1114	Introduction to Environmental Science
PHYS 2224	General Physics II

MINIMUM TOTAL HOURS REQUIRED FOR ASSOCIATE DEGREE 62-63

Recommended Major Field Courses, Electives, and Support for Pre-Professional Emphasis in Medicine, Dentistry, and Optometry

BIOL 1214	Principles of Biology* or
BIOL 1234	General Zoology* 4
BIOL 2114	Human Anatomy..... 4
BIOL 2214	Human Physiology 4
BIOL 2224	Microbiology 4
CHEM 1315	General Chemistry I* 5
CHEM 1515	General Chemistry II 5
PHYS 2114	General Physics I..... 4
PHYS 2214	General Physics II..... 4

Professional school entrance requirements vary. Consult potential professional schools individually for specific entrance requirements for medicine, dentistry, optometry, physical therapy and veterinary medicine.

Suggested Sequence of Major Field Courses

<u>First Semester</u>	<u>Second Semester</u>	<u>Third Semester</u>	<u>Fourth Semester</u>
BIOL 1214 CHEM 1315	BIOL 1224 or 1234 CHEM 1515 (rec.)	BIOL 2214 PHYS 2114	Major Field Elective