

Transfer Agreement

Oklahoma City Community College: A.S. in Biology - Science with Biology Concentration and
University of Central Oklahoma: B.S. in Biology
Major Code: 6000

Oklahoma City Community College Courses

General Education as stated in OCCC Catalog

SCL 1001 Success in College and Life
ENGL 1113 English Composition I
ENGL 1213 English Composition II
HIST 1483 U.S. History to the Civil War or
HIST 1493 U.S. History since the Civil War
POLSC 1113 American Federal Government
HUM

Liberal Arts Elective

MATH 1513 College Algebra

CHEM 1115 General College Chemistry I

CHEM 1215 General College Chemistry II

BIO 1124 General Biology I (Majors)

BIO 1134 General Biology II (Majors)

BIO 2203 Cell Biology

PHYS 1114 College Physics

***Total 62-64 hours**

***To include additional course work required for the A.S. as presented in the OCCC Catalog.**

To be taken at the University of Central Oklahoma.....60-62

UCO requirement

UNIV 1012 Success Central
ENG 1113 English Composition
ENG 1213 English Composition and Research
HIST 1483 History of U.S. to 1877
HIST 1493 History of U.S. since 1877
POL 1113 American National Government

OCCC A.S. completes UCO University Core Requirements.

MATH 1513 College Algebra

CHEM 1103 General Chemistry I and
1112 General Chemistry I - Recitation/Lab
CHEM 1223 General Chemistry II and
1232 General Chemistry II Lab
BIO 1204 Biology I for Majors
BIO 1225 Biology II for Majors and Lab

BIO 2203 Cell Biology

PHY 1114 General Physics and Lab

Major Requirements

Biology.....41

Biology Core (required of all degree candidates) 14

- BIO 2211 Cell Biology Laboratory
- BIO 3054 Microbiology for Majors and Lab
- BIO 3303 Genetics
- BIO 3543 General Ecology
- BIO 3703 Evolution
- *BIO 4840 Capstone

Mathematics 6

Required courses:

- MATH 2153 BioCalculus
- STAT 2103 Intro Statistics for Sciences

Chemistry..... 5

Required courses:

- CHEM 3303 Organic Chemistry I OR
- CHEM 3013 Organic Chemistry for Life Sciences
- CHEM 3312 Organic Chemistry I Lab OR
- CHEM 3022 Organic Chemistry for Life Sciences Lab

Upper Division Biology Electives17 (to bring total in major to 67)

** Any 3000/4000 level UCO BIO course or its equivalent AND/OR

- CHEM 3403 Biochemistry I

** At least five courses taken for the B.S. in Biology must be BIO courses with a lab. These courses include the three lab courses required as part of the core: BIO 1225, BIO 2211, and BIO 3054.

*To enroll in a Capstone Experience, students must complete a minimum of 60 credit hours. This 0 credit hour course is designed to be taken in conjunction with a capstone experience. Capstone experiences may include the following courses or special projects in biology. Special projects include but are not limited to independent research, service learning, professional school applications, or other equivalent experiences as approved by the Capstone Coordinator. Approval of the Capstone Coordinator is required before starting any capstone experience. A reflective writing piece, which must receive a passing score, will be required for all capstones.

- BIO 3000 Workshop in Biology
- BIO 3990 Advanced Topics in Biology
- BIO 4012 Intro to Biological Research
- BIO 4871 Senior Seminar
- BIO 4900 Practicum in Biology
- BIO 4920 Workshop in Biology
- BIO 4930 Individual Study in Biology
- BIO 4950 Internship in Biology
- BIO 4960 Institute in Biology
- BIO 4970 Study Tour in Biology

A maximum of 2 credit hours of the courses listed above, whether taken in conjunction with the capstone experience or not, will apply to the 67 credit hours required in the major except when BIO 4012 is chosen. If BIO 4012 is chosen as the capstone experience, an additional 2 credit hours may be taken.

Electives to bring total to 124

General Physics II is a recommended elective.

Graduating seniors must take a national assessment exam in Biology as a graduation requirement for the B.S. in Biology.

Minimum Grade Requirements

1. Average in (a) all college course work, (b) course work at UCO, and (c) major courses2.00
2. A minimum grade of "C" must be earned in all courses in the major to count toward meeting degree requirements.

Total hours at OCCC.....62-64

Total hours at UCO.....60-62

Total hours.....124

Minimum hours of 3/4000 level courses.....40

For other regulations pertaining to graduation, see the UCO 2015-2016 Undergraduate Catalog.