

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.....60-64

Support Course 0-3

Students majoring in Biology are encouraged to complete the following courses in high school.

Two years of high school algebra and one year of Trigonometry **OR**

MATH 1593 Plane Trigonometry

Biology 41

Biology Core (required of all degree candidates) 13

Required courses:

BIO 3054 Microbiology for Majors and Lab

BIO 3303 Genetics

BIO 3543 General Ecology

BIO 3703 Evolution

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

Guided Core Electives.....8

Select one Botany course **and** one Zoology course from this list:

Botany

- BIO 3024 Plant Physiology and Lab
- BIO 3604 Plant Kingdom and Lab
- BIO 4204 Plant Ecology and Lab
- BIO 4294 Plant Taxonomy and Lab
- BIO 4354 Plant Anatomy and Lab

Zoology

- BIO 3154 Invertebrate Zoology and Lab
- BIO 3254 Comparative Vertebrate Anatomy and Lab
- BIO 3454 Vertebrate Zoology and Lab

Upper Division Biology Electives (to bring major total to 67)*.....9

* Any 3000/4000 level BIO courses AND/OR

- CHEM 3403 Biochemistry I

* No more than two (2) hours of the following courses will count toward the minimum required hours for the Biology major.

- BIO 3000 Workshop in Biology (1-6 hours)
- BIO 3990 Advanced Topics in Biology (1-4 hours)
- BIO 4900 Practicum in Biology (1-4 hours)
- BIO 4930 Individual Study in Biology (1-4 hours)
- BIO 4950 Internship in Biology (1-8 hours)
- BIO 4960 Institute in Biology (1-8 hours)
- BIO 4970 Study Tour in Biology (1-2 hours)

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

Electives to bring total to..... 124 (at least 5 hrs. need to be 3/4000 level electives to bring total upper division to 40)

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 courses.....2.00
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 2013-2014 Undergraduate Catalog.