

## Transfer Agreement

Oklahoma City Community College: Associate in Science - Biology  
 And  
 University of Central Oklahoma: Bachelor of Science - Biology

To comply with this agreement, students must complete the associate’s degree with the major listed above and include the specific courses listed below.

**Courses listed here are required for the agreement. Credited courses completed as part of the AA or AS that do not apply to the general education at OCCC or the UCO major transfer to UCO as electives.**

OCCC	UCO
General Education requirements	University Core completed with AA or AS
*MATH 1483 Functions and Modeling	MATH 1513 College Algebra (sub)
BIO 1124 General Biology I for Majors	BIO 1204 Biology for Majors: Principles
BIO 2203 Cell Biology	BIO 2203 Cell Biology
CHEM 1115 General Chemistry I	CHEM 1103 General Chemistry I and 1112 Lab
*CHEM 1215 General Chemistry II	CHEM 1223 General Chemistry II and 1232 Lab
*PHYS 1114 College Physics I	PHY 1114 General Physics I and Lab
*BIO 1134 General Biology II for Majors	BIO 1225 Biology for Majors: Diversity
^MATH 1613 Trigonometry	^MATH 1593 Plane Trigonometry
CHEM 2114 Organic Chemistry I	CHEM 3303 Organic Chemistry I
PHYS 1214 College Physics II	PHY 1214 General Physics II and Lab (recommended elective)

\* In General Education Courses section of degree at OCCC

^ (If needed) UCO requires one year of trigonometry in high school or MATH 1593 Plane Trigonometry. MATH 1613 may be taken in the OCCC degree to meet this requirement.

**This degree requires additional course work, including the general education, as stated in the OCCC Catalog. Other OCCC courses may or may not apply to the UCO major. That specific information can be found on the UCO website under the Online Transfer Guide.**

**Total at Oklahoma City Community College.....61-64**

**To be taken at the University of Central Oklahoma.....60-63**

### Major Requirements

Biology.....	38
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 .....	2
CHEM 3312	Organic Chemistry I Lab
Upper Division Biology Electives .....	16 (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. **(Taken at OCCC.)**

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.

Students must meet all bachelor degree requirements at UCO to include minimums of:

- 40 hours of upper division course work (Watch closely in this major.)
- 30 hours in residence at UCO
- 15 of the last 30 hours must be taken in residence at UCO
- 60 hours from baccalaureate granting institutions

**Program-to-Program Transfer policies are available in the Introduction for Program-to-Program Agreements on the UCO website at the top of the list of agreements. Links to the agreements can be found on the Academic Affairs or Transfer Student Support web pages.**