

## Transfer Agreement

Oklahoma City Community College: Associate in Science - Biology  
And

University of Central Oklahoma: Bachelor of Science – Biology - Biomedical Sciences

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

General Education requirements

**\*MATH 1483 Functions and Modeling**

BIO 1124 General Biology I for Majors

BIO 2203 Cell Biology

CHEM 1115 General Chemistry I

\*CHEM 1215 General Chemistry II

\*PHYS 1114 College Physics I

\*BIO 1134 General Biology II for Majors

^MATH 1613 Trigonometry

CHEM 2114 Organic Chemistry I

PHYS 1214 College Physics II

\* 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.**

### UCO

University Core completed with AA or AS

**MATH 1513 College Algebra (sub)**

BIO 1204 Biology for Majors: Principles

BIO 2203 Cell Biology

CHEM 1103 General Chemistry I and 1112 Lab

CHEM 1223 General Chemistry II and 1232 Lab

PHY 1114 General Physics I and Lab

BIO 1225 Biology for Majors: Diversity

^MATH 1593 Plane Trigonometry

CHEM 3303 Organic Chemistry I

PHY 1214 General Physics II and Lab (Guided electives)

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

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

#### Major Requirements

Biology-Biomedical Sciences.....40

Biology Core ..... 8

Required Courses:

BIO 2211 Cell Biology Laboratory

BIO 3054 Microbiology for Majors and Lab

BIO	3303	Genetics
*BIO	4840	Capstone

Mathematics ..... 6

Required courses:

MATH	2153	BioCalculus
STAT	2103	Intro Statistics for Sciences

Chemistry ..... 2

Required courses:

CHEM	3312	Organic Chemistry I Lab
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\*\*Guided Electives ..... 24

Selected from the following:

BIO	3254	Comparative Vertebrate Anatomy and Lab
BIO	3311	Intro to Genetics Lab Methods
BIO	3414	Histology and Lab
BIO	3703	Evolution
BIO	3803	Mammalian Physiology I
BIO	3813	Mammalian Physiology II
BIO	4134	Developmental Biology and Lab
BIO	4414	Virology and Lab
BIO	4515	Pathogenic Micro and Immunology & Lab
BIO	4622	Methods of Human Dissection & Prosection
BIO	4763	Biology of Cancer
BIO	4774	Parasitology and Lab
CHEM	3323	Organic Chemistry II
CHEM	3332	Organic Chemistry II Lab
CHEM	3403	Biochemistry I
CHEM	4103	Biochemistry II

\*A maximum of 2 credit hours from the following list of capstone courses may apply toward the 28 credit hours of guided electives.

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

\*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 above 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.

Minimum Hours required ..... 124

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

#### 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 accepted to graduate medical and allied health professional schools (e.g. Chiropractic, Dentistry, Medicine, Optometry, Osteopathic Medicine, Pharmacy, Physician Assistant, and Veterinary Medicine) prior to completing this degree will be allowed to transfer a maximum of 30 credit hours from the first year of medical course work toward the guided electives and electives included in this degree.

To be eligible, students must have successfully completed the following minimum requirements from UCO before matriculation into the professional program: 1) 94 credit hours total; 2) 30 credit hours in residence at UCO; 3) 15 upper division credit hours in the major; 4) 50% of the total major credit hours; and 5) all regular degree requirements, including general education. (Students must apply for their bachelor's degree within two years of completing their UCO work, but no later than graduation from medical school.)

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

40 hours of upper division course work  
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

Additional degree requirements can be found in the UCO Undergraduate Catalog.

**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.**