

Transfer Agreement

Oklahoma City Community College: Associate in Science - Biology
And

University of Central Oklahoma: Bachelor of Science – Biology - Medical Laboratory Science

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 1134 General Biology II for Majors

BIO 2203 Cell Biology

BIO 2234 Human Physiology

CHEM 1115 General Chemistry I

*CHEM 1215 General Chemistry II

CHEM 2114 Organic Chemistry I

CHEM 2111 Organic Chemistry I Laboratory

* In General Education Courses section of degree at OCCC

UCO

University Core completed with AA or AS

MATH 1453 Applied Algebra

BIO 1204 Biology for Majors: Principles

BIO 1225 Biology for Majors: Diversity

BIO 2203 Cell Biology

BIO 2604 Human Physiology and Lab

CHEM 1103 General Chemistry I and 1112 Lab

CHEM 1223 General Chemistry II and 1232 Lab

CHEM 3303 Organic Chemistry I

CHEM 3312 Organic Chemistry I Lab

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-Medical Laboratory Sciences.....57

Students may earn the B.S. in Biology-Medical Laboratory Science from UCO upon completion of the following three-year curriculum and an additional one year in a hospital school approved by the National Accrediting Agency for Clinical Laboratory Sciences (NAACLS).

Biology and Chemistry 16

Required Courses:

BIO 2211 Cell Biology Laboratory

BIO 3054 Microbiology for Majors and Lab

BIO 3303 Genetics

BIO 4515 Pathogenic Microbiology and Immunology and Lab

CHEM 3403 Biochemistry I

Mathematics 6

Required courses:

- MATH 2153 BioCalculus
- STAT 2103 Intro Statistics for Sciences

Elective Biology and/or Chemistry 5

Selected from the following courses:

- BIO 3403 Comparative Animal Physiology OR
- BIO 3464 Comparative Animal Physiology and Lab
- BIO 3414 Histology and Lab
- BIO 3803 Mammalian Physiology I
- BIO 3813 Mammalian Physiology II
- BIO 4414 Virology and Lab
- BIO 4774 Parasitology and Lab
- CHEM 3203 Introductory Physical Chemistry
- CHEM 3323 Organic Chemistry II
- CHEM 3332 Organic Chemistry II Lab
- CHEM 3442 Experimental Biochemistry
- CHEM 4103 Biochemistry II

#Medical Technology..... 30

Students must complete an appropriate one-year program with an approved affiliate Hospital Medical Laboratory Science Program and satisfactorily complete the following courses through UCO.

- BIO 4117 Clinical Microbiology
- BIO 4236 Clinical Hematology
- BIO 4246 Clinical Immunology
- CHEM 4125 Clinical Chemistry I
- CHEM 4325 Clinical Chemistry II
- CHEM 4351 Topics in Medical Technology

Electives to bring total to 124

#The Medical Laboratory Science degree can only be obtained upon completion of the one year clinical hospital training. Completion of the three-year requirements at UCO does NOT assure acceptance into one of the affiliated hospitals. Acceptance into a hospital program is highly competitive.

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
- 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.