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

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

* In General Education Courses section of degree at OCCC

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.