

**Transfer Agreement
Between
Northern Oklahoma College
And
University of Central Oklahoma**

Effective Academic Year: 2016-2017

Associate of Science in Biological Science

and

Bachelor of Science in Biology



Dr. Robert Brennan, Interim Chair
Department of Biology


Date

11-29-2016

Date



Tricia Moore, Division Chair
Ag., Science, and Engineering



Dr. Wei Chen, Dean
College of Math and Science

01.11.2017

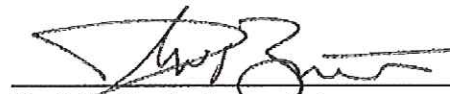
Date

Nov. 30, 2016

Date



Dr. Pamela Stinson
Vice President for Academic Affairs



Dr. John Barthell, Provost
Vice President for Academic Affairs

1-17-2017

Date

5 Dec. 2016

Date

Transfer Agreement

Northern Oklahoma College: A.S. Biological Sciences
and
University of Central Oklahoma: B.S. Biology
Major Code: 6000

NOC

- ENGL 1113 English Composition I
- ENGL 1213 English Composition II
- POLSC 1113 American Government
- HIST 1483 U.S. History to 1865 or
- HIST 1493 U.S. History since 1865
- Humanities 6 hrs.
- BISI 1124 Biology for Majors
- CHEM 1314 General Chemistry I
- MATH 1513 College Algebra
- ORNT 1101 Freshman Orientation
- BISI 1314 General Botany
- BISI 1414 General Zoology

- BISI 2124 Microbiology
- CHEM 1414 General Chemistry II
- PHYS 1114 General Physics I
- MATH 1613 Plane Trigonometry
(if not completed in High School)

UCO

- ENG 1113 English Composition
- ENG 1213 English Composition and Research
- POL 1113 American National Government
- HIST 1483 History of U.S. to 1877 or
- HIST 1493 History of U.S. since 1877
- NOC A.S. degree completes UCO University Core**
- BIO1204 Biology I for Majors
- CHEM 1103 General Chemistry I and 1112 Lab
- MATH 1513 College Algebra
- Elective
- BIO 1304 Plant Biology and lab
- BIO 1404 Animal Biology and lab
- (BISI 1314 and 1414 from NOC substitute for UCO
- BIO 1225 Biology II for Majors and Lab)
- BIO 2314 Intro to Microbiology and lab (Elective)
- CHEM 1223 General Chemistry II and 1232 Lab
- PHY 1114 General Physics I and lab
- MATH 1593 Plane Trigonometry

Total 60 hours

To include additional course work required for the A.S. as stated in the NOC catalog.

Remaining University of Central Oklahoma hours:.....64

	Major Requirements	
Biology.....	46	
Biology Core (required of all degree candidates)	17	
Required Courses:		
BIO 2203 Cell Biology		
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		

Chemistry5
 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
 Upper Division Biology Electives (to bring major total to 67) **18
 ** 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

Note: At least 6 hours of electives will need to be upper division.

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.

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

- 40 hours of upper division coursework
- 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

For other regulations pertaining to graduation, see the UCO Undergraduate Catalog.

Academic year agreement implemented: 2016-17