

Transfer Agreement

Rose State College: A.S.-Biological Science
University of Central Oklahoma: B.S.–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 A.A. or A.S. that do not apply to the general education at RSC or the UCO major transfer to UCO as electives.

RSC

General Education requirements
CHEM 1135 General College Chemistry I
CHEM 1145 General College Chemistry II
BIOL 1124 General Biology I
BIOL 2103 Cell Biology
PHYS 2414 General Physics I
PHYS 2401 General Physics I Lab
MATH 1513 College Algebra

UCO

University Core completed with A.A or A.S.
CHEM 1103/1112 General Chemistry I and Lab
CHEM 1223/1232 General Chemistry II and Lab
BIO 1204 Biology I for Majors
BIOL 2203 Cell Biology
PHY 1114 General Physics I and Lab
MATH 1513 College Algebra

This degree requires additional course work as stated in the RSC Catalog. Other Rose State courses may or may not apply to the UCO major. That specific information can be found on the UCO website under Transfer Students, Online Transfer Guides.

Total at Rose State College.....60-64

To be taken at the University of Central Oklahoma.....60-64

Support Courses.....0-3

Students majoring in Biology are encouraged to complete the following courses in high school.

MATH 1593 Plane Trigonometry (May be taken at RSC)

Biology.....46

Biology Core (required of all degree candidates) 19

Required Courses:

BIO 1225 Biology II for Majors and Lab
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 10

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)** 16
** 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.

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.

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

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

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

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.