

Transfer Agreement

Rose State College: A.S.-Biological Science
University of Central Oklahoma: B.S.–Biology
Major Code: 6000

Rose State College Courses

UCO

General Education as stated in RSC Catalog

ENGL 1113 English Composition I
ENGL 1213 English Composition II
HIST 1493 U.S. History since 1877 or
HIST 1483 U.S. History to 1877
POLS 1113 American Federal Government
Life Science (3-4)
HUM (6)

ENG 1113 English Composition
ENG 1213 English Composition and Research
HIST 1493 History of U.S. since 1877 or
HIST 1483 History of U.S. to 1877
POL 1113 American National Government
RSC A.S. completes UCO University Core Requirements.

MATH 1513 College Algebra
CHEM 1135 General College Chemistry I
CHEM 1145 General College Chemistry II
BIOL 1124 General Biology I
BIOL 1215 General Botany
BIOL 1315 General Zoology

MATH 1513 College Algebra
CHEM 1103/1112 General Chemistry I and Lab
CHEM 1223/1232 General Chemistry I and Lab
BIO 1204 Biology I for Majors
BIO 1304 Plant Biology and lab
BIO 1404 Animal Biology and lab
(BIOL 1215 and 1315 from RSC substitute for
UCO BIO 1225 Biology II for Majors & lab)
BIOL 2203 Cell Biology
MATH 1593 Plane Trigonometry

BIOL 2103 Cell Biology
MATH 1613 Plane Trigonometry (if not completed in
High School)
PHYS 2414 General Physics I
PHYS 2401 General Physics I Lab

PHY 1114 General Physics I and Lab

***Total 62-64**

***To include additional course work required for the A.S. as presented in the RSC Catalog.**

To be taken at the University of Central Oklahoma.....60-62

Biology.....	41
Biology Core (required of all degree candidates)	14
Required Courses:	
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 5

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

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

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

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.