

**Transfer  
with  
Ease**

# Articulation Agreement

## BACHELOR OF SCIENCE: BIOLOGY

**Catalog Year 2020 - 2021**

### Seminole State College

### East Central University

#### Associate in Science-Biology

#### Bachelor of Science—Biology

- BIOL 1214 Principles of Biology
- ENG 1113 Composition I
- GOV 1113 American National Government
- HPER 1012 Wellness and Human Development
- MATH 1523 Pre-Calculus for Bus-Biology
- STSC 1002 Learning Strategies **17 hrs.**
  
- BIOL 1224 General Botany\*
- CAP 1103 Introduction to Microsoft Office
- ENG 1213 Composition II
- HIST 1483 American History Survey To 1877 OR  
HIST 1493 American History Survey Since 1877
- —3 hrs. Humanities Elective **16 hrs.**
  
- BIOL 1234 General Zoology\*
- CHEM 1315 General Chemistry I\*
- PHYS 2114 General Physics I\*
- —3 hrs. Elective **16 hrs.**
  
- BIOL 2214 Human Physiology <
- BIOL 2224 Microbiology\*
- SPCH 1143 Speech
- —3 hrs. Humanities Elective
- —3 hrs. Required Elective **17 hrs.**

**Total Credit Hours 65 hrs.**

- CHEM 1214 General Chemistry II
- PHYS 1214 General Physics II
- —4 hrs. Minor or Upper Level Elective
- —4 hrs. Minor or Upper Level Elective **16 hrs.**
  
- CHEM 3114 Organic Chemistry I
- —4 hrs. Upper Level BIOL Elective
- —4 hrs. Minor or Upper Level Elective
- —4 hrs. Minor or Upper Level Elective **16 hrs.**
  
- BIOL 4313 Cell & Molecular Biology
- —4 hrs. Upper Level BIOL Elective
- —4 hrs. Upper Level BIOL Elective
- —4 hrs. Minor or Upper Level Elective **15 hrs.**
  
- BIOL 4414 Ecology
- BIOL 4881 Biology Senior Seminar
- BIOL 3434 Genetics
- —4 hrs. Upper Level BIOL Elective
- —3 hrs. Minor or Upper Level Elective **15 hrs.**

**Total Credit Hours 62 hrs.**

\* Please, see chart on second page  
for course equivalencies



**YOUR FUTURE - YOUR CHOICE**



# Course Equivalency Table

Seminole State College	East Central University
BIOL 1214 Principles of Biology	BIOL 1114 General Biology
BIOL 1234 General Zoology	BIOL 1314 General Zoology
BIO 2214 Human Physiology <	BIOL 3634 Human Physiology
BIOL 2224 Microbiology	BIOL 2344 General Microbiology
CHEM 1315 General Chemistry I	CHEM 1114 General Chemistry I
MATH 1523 Pre-Calculus for Bus-Biology	MATH 1653 Mathematics for Biological Science
PHYS 2114 General Physics I	PHYS 1114 General Physics I

## NOTES:

- ⇒ < Will transfer as course content but not for upper level credit: Student should meet with an ECU advisor for more information.
- ⇒ Articulated using SSC's A.S. for Life Science and without a Minor. A Minor is not required.
- ⇒ A student transferring with an Associate degree in Arts or Science from SSC fulfills ECU's general education requirement by transferring his or her credit to East Central University. Transferring credit for general education does not eliminate or otherwise affect any of the following ECU requirements: (1) prerequisites; (2) specific requirements in majors, minors, or related work in these areas; or (3) the requirements for teacher certification. General Education equivalencies can be found by referring to either the Oklahoma State Regents Transfer Matrix or the ECU Transfer Matrix. Both matrices can be found at [www.ecok.edu](http://www.ecok.edu) by clicking on *Admissions* and scrolling down to *Course Transfer Matrix*.
- ⇒ A student must earn at least 40 semester hours in upper-division courses (numbered 3000 or higher). A course taught at SSC may equate in content to an ECU 3000-4000 level course, but it will not be counted as part of the 40 hours of upper level courses.
- ⇒ A student must earn at least 60 semester hours, excluding physical activity courses, at a baccalaureate degree granting institution.
- ⇒ A Student must earn at least 124 credit hours that apply to an ECU Bachelor's degree.