

**Transfer  
with  
Ease**

# Articulation Agreement

## BACHELOR OF SCIENCE: BIOLOGY

### Teacher Certification Catalog Year 2022 - 2023

#### Seminole State College

#### East Central University

##### Secondary Education—Biology Teacher

##### Bachelor of Science—Biology

- BIOL 1214 Principles of Biology
- CAP 1103 Introduction to Microsoft Office
- ENG 1113 Composition I
- GOV 1113 American National Government
- MATH 1523 Pre-Calculus for Bus-Biology
- STSC 1002 Learning Strategies 18 hrs.
- BIOL 1234 General Zoology\*
- ENG 1213 Composition II
- HIST 1483 American History Survey To 1877 OR  
HIST 1493 American History Survey Since 1877
- PHYS 2214 General Physics I\*
- —3 hrs. Humanities Elective 17 hrs.
- BIOL 1224 General Botany\*
- CHEM 1315 General Chemistry I\*
- HPER 1012 Wellness and Human Development
- PSY 1113 General Psychology
- SPCH 1143 Speech 17 hrs.
- BIOL 2114 Human Anatomy \*
- CHEM 1515 General Chemistry II\*
- —3 hrs. Humanities Elective
- —3 hrs. Foreign Language/ or 2 yrs. H.S. 15 hrs.
- Total Credit Hours** **66 hrs.**

- BIOL 3634 Human Physiology
- PHYS 1314 Astronomy
- EDUC 2631 Foundations of Education Technology
- PSYCH 3463 Child & Adolescent Psych 17 hrs.
- BIOL 4414 Ecology
- EDPSY 3513 Educational Psychology
- EDUC 3001 Field Experience II
- GEOG 1214 Earth Science
- PHYS 1214 General Physics II 16 hrs.
- B/C/P 4113 Methods Teach Biol/Phys Science
- BIOL 3434 Genetics
- Choose One: CHEM 3114, OR 3214
- EDUC 4042 Strategies for Effective Teaching
- EDUC 4611 Field Experience III
- EDUC 4632 Educational Tech Int. Strat 16 hrs.
- EDUC 4262 Student Teaching Seminar I
- EDUC 4282 Student Teaching Seminar II
- EDUC 4974 Student Teaching
- EDUC 4974 Student Teaching 12 hrs.

Courses Below completed at Seminole State through ECU and hours counted in the ECU Total Credit hours.

- EDUC 2012 Diversity in American Education
- EDUC 2211 Field Experience I
- EDUC 2402 Survey of Exceptional Children

\* Please see chart on second page for course equivalencies

**Hours taken at Seminole** **5 hrs.**  
**Total Credit Hours** **66 hrs.**



**YOUR FUTURE - YOUR CHOICE**



# Course Equivalency Table

Seminole State College	East Central University
BIOL 1214 Principles of Biology	BIOL 1114 General Biology
BIOL 1224 General Botany	BIOL 1214 General Botany
BIOL 1234 General Zoology	BIOL 1314 General Zoology
BIOL 2114 Human Anatomy	BIOL 2184 Human Anatomy
CHEM 1315 General Chemistry I	CHEM 1114 General Chemistry I
CHEM 1515 General Chemistry II	CHEM 1214 General Chemistry II
MATH 1523 Pre-Calculus for Bus-Biology	MATH 1653 Mathematics for Biological Science
PHYS 2114 General Physics I	PHYS 1114 General Physics I
PSY 1113 General Psychology	PSYCH 1113 General Psychology

## NOTES:

- ⇒ 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.