

# *East Central University/Seminole State College Articulation Agreement*

## **Bachelor of Science : Biology**

### **Clinical Laboratory Science Concentration Catalog Year 2017-2018**

#### Associate in Science—Biology

<input type="checkbox"/> SOC 1101 Freshman Seminar	
<input type="checkbox"/> ENG 1113 Composition I	
<input type="checkbox"/> BIOL 1214 Principles of Biology	
<input type="checkbox"/> MATH 1513 Pre-Calculus*	
<input type="checkbox"/> HPER 1012 Wellness and Human Development	
<input type="checkbox"/> CAP 1103 Introduction to Microsoft Office	16
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<input type="checkbox"/> BIOL 1224 General Botany	
<input type="checkbox"/> ENG 1213 Composition II	
<input type="checkbox"/> HIST 1483 American History Survey To 1877 <b>OR</b> HIST 1493 American History Survey Since 1877	
<input type="checkbox"/> ---6 Humanities Elective	16
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<input type="checkbox"/> CHEM 1315 General Chemistry I*	
<input type="checkbox"/> PHYS 2114 General Physics I	
<input type="checkbox"/> BIOL 2224 General Zoology*	
<input type="checkbox"/> SPCH 1143 Speech	16
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<input type="checkbox"/> CHEM 1515 General Chemistry II*	
<input type="checkbox"/> BIOL 2224 Microbiology*	
<input type="checkbox"/> GOV 1113 American National Government	
<input type="checkbox"/> ---3 Required Electives (Social Science, Psych, World Language or Fine Arts)	15
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Total Credit Hours	65

\* please see chart on second page  
for course equivalencies



#### Bachelor of Science—Biology

<input type="checkbox"/> CHEM 3114 Organic Chemistry I—Summer	4
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<input type="checkbox"/> BIOL 3654 Histology	
<input type="checkbox"/> BIOL 2184 Human Anatomy	
<input type="checkbox"/> CHEM 4213 Biochemistry	
<input type="checkbox"/> CHEM 4221 Biochemistry Lab	12
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<input type="checkbox"/> BIOL 3434 Genetics	
<input type="checkbox"/> BIOL 3683 Immunology	
<input type="checkbox"/> BIOL 3634 Human Physiology	
<input type="checkbox"/> BIOL 4881 Biology Senior Seminar	
<input type="checkbox"/> ---4 Elective	16
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<input type="checkbox"/> MEDTE 4117 Clinical Microbiology	
<input type="checkbox"/> MEDTE 4125 Clinical Chemistry I	12
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<input type="checkbox"/> MEDTE 4236 Clinical Hematology	
<input type="checkbox"/> MEDTE 4246 Clinical Immunology/Immunoematology	12
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<input type="checkbox"/> MEDTE 4325 Clinical Chemistry II — Summer	
<input type="checkbox"/> MEDTE 4351 Topics in Medical Technology — Summer	6
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Total Credit Hours	62



**Total Credit Hours Taken: 127**  
**Total Credit Hours Applied to BS Degree: 124**

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## Bachelor of Science: Biology - Clinical Laboratory Science

### Course Equivalency Table

Seminole State College	East Central University
MATH 1513 Pre-Calculus	MATH 1513 College Algebra
BIOL 1214 Principles of Biology	BIOL 1114 General Biology
BIOL 1234 General Zoology	BIOL 1314 General Zoology
BIOL 1224 General Botany	BIOL 1214 General Botany
BIOL 2224 Microbiology	BIOL 2345 General Microbiology
CHEM 1315 General Chemistry I	CHEM 1114 General Chemistry I
CHEM 1515 General Chemistry II	CHEM 1214 General Chemistry II
PHYS 2114 General Physics I	PHYS 1114 General Physics I

Articulated using SSC's A.S. Biology.

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 *Academics* and scrolling down to *Course Transfer Matrix*.

Articulated without a minor. A minor is not required, please see an advisor for appropriate courses.

**\*\*Will transfer as course content but not for upper level credit: Student should meet with an ECU advisor for more information.**

#### NOTES:

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.

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.