

# East Central University/Murray State College Articulation Agreement

## Bachelor of Science: Biology

**Catalog Year 2017-2018**

### Associate of Science—Science

- |  |    |
|--|----|
| <input type="checkbox"/> ENG 1113 English Comp I   |    |
| <input type="checkbox"/> CIS 1113 Computer Applications  |    |
| <input type="checkbox"/> MTH 1513 College Algebra*   |    |
| <input type="checkbox"/> BIO 1114 Principals of Biology  |    |
| <input type="checkbox"/> COL 1211 Academic Success   |    |
| <input type="checkbox"/> HWP 1112 Personal Health  | 16 |
| <hr/>  |    |
| <input type="checkbox"/> ENG 1213 English Comp II  |    |
| <input type="checkbox"/> HST 1483 U.S. History to 1865 <b>OR</b><br>HST 1493 U.S. History since 1865 |    |
| <input type="checkbox"/> CHM 1114 General Chemistry I*   |    |
| <input type="checkbox"/> PHS 1114 General Physical Science   |    |
| <input type="checkbox"/> ---3 Humanities Elective  | 17 |
| <hr/>  |    |
| <input type="checkbox"/> BOT 1114 General Botany*  |    |
| <input type="checkbox"/> PHY 1114 Physics I*   |    |
| <input type="checkbox"/> CHM 1214 General Chemistry II*  |    |
| <input type="checkbox"/> SPC 1113 Fundamentals of Speech   | 15 |
| <hr/>  |    |
| <input type="checkbox"/> PSY 1113 Intro to Psychology  |    |
| <input type="checkbox"/> PHY 1214 General Physics II*  |    |
| <input type="checkbox"/> ZOO 1114 General Zoology*   |    |
| <input type="checkbox"/> GVT 1113 American Federal Government  |    |
| <input type="checkbox"/> ---3 Art Elective   | 17 |
| <hr/>  |    |
| Total Credit Hours   | 65 |

\* please see chart on second page  
for course equivalencies



### Bachelor of Science—Biology

- |   |    |
|---|----|
| <input type="checkbox"/> ---4 Biology Upper Level Required Elective |    |
| <input type="checkbox"/> CHEM 3114 Organic Chemistry I              |    |
| <input type="checkbox"/> BIOL 2344 General Microbiology             |    |
| <input type="checkbox"/> ---3 Minor or Elective                     | 15 |
| <hr/>   |    |
| <input type="checkbox"/> BIOL 3434 Genetics                         |    |
| <input type="checkbox"/> BIOL 3634 Human Physiology                 |    |
| <input type="checkbox"/> ---3 Upper Level Minor or Elective         |    |
| <input type="checkbox"/> ---4 Upper Level Minor or Elective         |    |
| <input type="checkbox"/> ---2 Elective                              | 16 |
| <hr/>   |    |
| <input type="checkbox"/> BIOL 4313 Cell & Molecular Biology         |    |
| <input type="checkbox"/> ---4 Biology Upper Level Required Elective |    |
| <input type="checkbox"/> ---3 Upper Level Minor or Elective         |    |
| <input type="checkbox"/> ---3 Minor or Elective                     |    |
| <input type="checkbox"/> ---2 Minor or Elective                     | 15 |
| <hr/>   |    |
| <input type="checkbox"/> BIOL 4414 Ecology                          |    |
| <input type="checkbox"/> BIOL 4881 Biology Senior Seminar           |    |
| <input type="checkbox"/> ---4 Biology Required Elective             |    |
| <input type="checkbox"/> ---3 Upper Level Minor or Elective         |    |
| <input type="checkbox"/> ---3 Minor or Elective                     | 15 |
| <hr/>   |    |
| Total Credit Hours  | 61 |



<b>Total Credit Hours Required for BS Degree:</b>	<b>126</b>
<b>Total Hours Completed:</b>	<b>124</b>

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

## **Bachelor of Science: Biology**

### **Course Equivalency Table**

<b>Murray State College</b>	<b>East Central University</b>
CHM 1114 Gen Chemistry I	CHEM 1114 General Chemistry I
CHM 1214 Gen Chemistry II	CHEM 1214 General Chemistry II
BOT 1114 General Botany	BIOL 1214 General Botany
ZOO 1114 General Zoology	BIOL 1314 General Zoology
MTH 1513 College Algebra	MATH 1513 College Algebra
PHY 1114 General Physics I	PHYS 1114 General Physics I
PHY 1214 General Physics II	PHYS 1214 General Physics II

Articulated using MSC's A. S in Science.

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 in Chemistry is strongly recommended. A minor is required, if a different minor is desired, 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 MSC 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 MSC 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.