



East Central University/Murray State College Articulation Agreement

Bachelor of Science: Biology

Clinical Laboratory Scientist Concentration Catalog Year 2017-2018

Associate of Science—Science	Bachelor of Science—Biology
<input type="checkbox"/> ENG 1113 English Comp I <input type="checkbox"/> HST 1483 U.S. History to 1865 OR <input type="checkbox"/> HST 1493 U.S. History since 1865 <input type="checkbox"/> MTH 1513 College Algebra* <input type="checkbox"/> BIO 1114 Principals of Biology <input type="checkbox"/> HWP 1112 Personal Health <input type="checkbox"/> COL 1211 Academic Success 16 <hr/> <input type="checkbox"/> ENG 1213 English Comp II <input type="checkbox"/> AP 2124 Anatomy and Physiology I* <input type="checkbox"/> CHM 1114 General Chemistry I* <input type="checkbox"/> CIS 1113 Computer Applications <input type="checkbox"/> —3 Art Elective 17 <hr/> <input type="checkbox"/> AP 2134 Anatomy and Physiology II* <input type="checkbox"/> CHM 1214 General Chemistry II* <input type="checkbox"/> ZOO 1114 General Zoology* <input type="checkbox"/> PSY 1113 Intro to Psychology 15 <hr/> <input type="checkbox"/> PHY 1114 Physics I <input type="checkbox"/> MIC 2224 Introduction to Microbiology* <input type="checkbox"/> GVT 1113 American Federal Government <input type="checkbox"/> SPC 1113 Fundamentals of Speech <input type="checkbox"/> —3 Humanities Elective 17 <hr/> <p>Total Credit Hours 65</p>	<input type="checkbox"/> BIOL 3654 Histology <input type="checkbox"/> CHEM 3114 Organic Chemistry I <input type="checkbox"/> —4 Elective <input type="checkbox"/> —3 Elective 15 <hr/> <input type="checkbox"/> BIOL 3434 Genetics <input type="checkbox"/> BIOL 3683 Immunology <input type="checkbox"/> BIOL 4881 Biology Senior Seminar <input type="checkbox"/> CHEM 4213 Biochemistry <input type="checkbox"/> CHEM 4221 Biochemistry Laboratory <input type="checkbox"/> —3 Elective 15 <hr/> <input type="checkbox"/> MEDTE 4117 Clinical Microbiology <input type="checkbox"/> MEDTE 4125 Clinical Chemistry I 12 <hr/> <input type="checkbox"/> MEDTE 4236 Clinical Hematology <input type="checkbox"/> MEDTE 4246 Clinical Immunology/ Immunohematology 12 <hr/> <p style="text-align: center;">Summer Semester</p> <input type="checkbox"/> MEDTE 4325 Clinical Chemistry II <input type="checkbox"/> MEDTE 4351 Topics in medical Technology 6 <hr/> <p>Total Credit Hours 60</p>
<p>* please see chart on second page for course equivalencies</p> 	

Total Credit Hours Required for BS Degree: 125
Total Hours Completed: 126

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Course Equivalency Table

Murray State College	East Central University
ZOO 1114 General Zoology	BIOL 1314 General Zoology
AP 2124 Anatomy and Physiology I	BIOL 2184 Human Anatomy
AP 2134 Anatomy and Physiology II**	BIOL 3634 Human Physiology
MIC 2224 Introduction to Microbiology*	BIOL 2344 General Microbiology
CHM 1114 General Chemistry I	CHEM 1114 General Chemistry I
CHM 1214 General Chemistry II	CHEM 1214 General Chemistry II
MTH 1513 College Algebra	MATH 1513 College Algebra

Articulated using MSC's A. S in Chemistry.

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 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 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.