

Articulation Agreement

BACHELOR OF SCIENCE: BIOLOGY

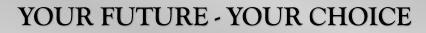
Molecular Catalog Year 2022 - 2023

Murray State College

East Central University

Murray State College			East Central University		
Associate of Science—Science				Bachelor of Science—Biology	
 BIO 1114 General B COL 1211 Academic ENG 1113 English C HST 1483 U.S. History HST 1493 U.S. I HWP 1112 Personal MTH 1513 Pre Calcory 	c Success Comp I ory to 1865 OR History since 1865 Health	16 hrs.		CHEM 3114 Organic Chemistry I BIOL 1214 General Botany PHYS 1214 Physics II —3 Upper Level Electives BIOL 3434 Genetics BIOL—3 Required Molecular Biology Elective	15 hrs.
 AP 2124 Anatomy and Physiology I* CHM 1114 General Chemistry I* CIS 1113 Computer Applications 			•	Math 2825 Calculus Choose one: EHS 3703, Math 1223, or SOC 3	833 15 hrs.
 ENG 1213 English Comp II —3 hrs. Art Elective 		17 hrs.	•	BIOL—3 Required Molecular Biology Elective BIOL 4313 Cell & Molecular Biology CHEM 4213 Biochemistry	
 AP 2134 Anatomy and Physiology II * CHM 1214 General Chemistry II* PSY 1113 Intro to Psychology 			•	CHEM 4221 Biochemistry Lab —4 Upper Level Electives	14 hrs.
 ZOO 1114 General Zoology* GVT 1113 American Federal Government MIC 2224 Introduction to Microbiology* PHY 1114 Physics I SPC 1113 Fundamentals of Speech 		15 hrs.	•	BIOL 4545 Advanced Molecular Biology BIOL 4881 Biology Senior Seminar BIOL—3 Required Molecular Biology Elective BIOL 3013 Research Methods and Bioethics —4 hrs. Upper Level Electives	16 hrs.
• —3 hrs. Humanities Elective		17 hrs.			
Total Credit Hours		65 hrs.	Tot	al Credit Hours	60 hrs.
* Please see course equi	chart on second page for valencies				







Course Equivalency Table

Murray State College	East Central University	
AP 2124 Anatomy and Physiology I	BIOL 2184 Human Anatomy	
AP 2134 Anatomy and Physiology II <	BIOL 3634 Human Physiology	
BIO 1114 General Biological Sciences	BIOL 1114 General Biology	
CHM 1114 Gen Chemistry I	CHEM 1114 General Chemistry I	
CHM 1214 Gen Chemistry II	CHEM 1214 General Chemistry II	
MIC 2224 Introduction to Microbiology*	BIOL 2344 General Microbiology	
MTH 1513 Pre Calculus	MATH 1513 College Algebra	
PHY 1114 General Physics I	PHYS 1114 General Physics I	
ZOO 1114 General Zoology	BIOL 1314 General Zoology	

NOTES:

- ⇒ Articulated using MSC's A.S. in Science and without a Minor. A Minor is not required.
- ⇒ 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. 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 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 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 <u>at least 60 semester hours</u>, 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.