

# Lindenwood University - St. Charles Community College

## BIOLOGY, BA Transfer Guide

### CORE REQUIREMENTS (76-78 credit hours)

STCCC Course #	St. Charles Community College	LU Course #	Lindenwood University - Belleville
		BIO 25100	Introduction to Cell Biology and Genetics
		BIO 25200	Diversity, Ecology and Evolution
		BIO 28500	Methods and Writing for Biology
		BIO 32000	Plant Biology
		BIO 32400	Animal Biology
		BIO 40400	Cell Biology
		BIO 40800	Genetics
		BIO 46400	Evolution
		BIO 46500	General Ecology
		BIO 48500	Biology Seminar
		BIO 48600	Senior Synthesis
		CHM 23000	General Chemistry 1
CHM 115	General Chemistry I (5)	CHM 23100 & 24100	General Chemistry 2 & Lab
CHM 116	General Chemistry II (5)	CHM 23200 & 24200	General Chemistry 3 & Lab
		CHM 36100	Organic Chemistry I
		CHM 36200	Organic Chemistry II
		MTH 24100	Statistics for Natural Science
MAT 156	College Algebra -Educators (4)	MTH 15100	College Algebra
MAT 157	College Algebra-General Education (4)	MTH 15100	College Algebra
MAT 158	College Algebra-General Education (4)	MTH 15100	College Algebra
MAT 162	College Algebra-STEM (4)	MTH 15100	College Algebra
MAT 171	Pre-Calculus (6)	MTH 15200	Pre-calculus: Elementary Functions
		<b>Plus 6 credit hours of Biology Electives from:</b>	
BIO 250A and 250B	Anatomy & Physiology I & Lab (4)	BIO 22700	Human Anatomy and Physiology I
BIO 251A and 251B	Anatomy & Physiology II & Lab (4)	BIO 22800	Human Anatomy and Physiology II
BIO 246	Microbiology (4)	BIO 23000	Microbiology for Health Sciences
		BIO 26300	Environmental Policy
		BIO 28000	Introduction to Clinical Laboratory Science
		BIO 32900	Human Physiology
		BIO 33000	Comparative Vertebrate Anatomy and Physiology
		BIO 34300	Invertebrate Zoology
		BIO 34500	Identification and Taxonomy of the Local Flora
		BIO 34800	Cancer Biology
		BIO 34900	Genetic Engineering
		BIO 35100	Field Studies in Taxonomy
		BIO 35300	Microbiology
		BIO 35800	Parasitology
		BIO 36200	Advanced Environmental Biology
		BIO 36600	Field Biology
		BIO 37000	Wetlands Ecology
		BIO 38500/ CHM 38500	Medicinal Chemistry
		BIO 40000	Field Research
		BIO 41300	Immunology
		BIO 41700	Molecular Biology
		BIO 42200/ CHM 42200	Biochemistry: Metabolism
		BIO 42600	Developmental Biology
		BIO 48000	Independent Research

**For more information contact Dr. Richard Finger at 618-239-6117 or [RFinger@lindenwood.edu](mailto:RFinger@lindenwood.edu)**

Visit Lindenwood University-Belleville at [www.belleville.lindenwood.edu](http://www.belleville.lindenwood.edu) or call 618-239-6210.