

Lindenwood University - St. Charles Community College

BIOLOGY, BS 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 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
		Students must also select one of the following combinations of courses:	
		<i>Combination 1</i>	
MAT 180	Calculus & Analytic Geometry I (5)	MTH 271000	Calculus I
MAT 230	Calculus & Analytic Geometry II (5)	MTH 27200	Calculus II
		<i>Combination 2</i>	
MAT 210	Survey Calculus (4)	MTH 17300	Survey of Calculus
PHY 150	General Physics I (3)	PHY 25100	Introductory Physics I
PHY 151	General Physics II (3)	PHY 25200	Introductory Physics II
		Plus 10 credit hours of Biology Electives from:	
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
		BIO 33200	Plant 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	Medicinal Chemistry
		BIO 40000	Field Research
		BIO 41300	Immunology
		BIO 41700	Molecular Biology
		BIO 42200/	Biochemistry: Metabolism

	BIO 42600	Developmental Biology
	BIO 48000	Independent Research

Additional hours are required for each emphasis through an approved LU advisor.

For more information contact Dr. Richard Finger at 618-239-6177 or RFinger@lindenwood.edu

Visit Lindenwood University-Belleville at www.lindenwood.edu/belleville or call 618-239-6260.