

# LINDENWOOD

LINDENWOOD UNIVERSITY      BELLEVILLE, ILLINOIS

**Addendum to the 2014-2015  
Lindenwood University-Belleville  
Catalog**

Published April 2015

## BIOLOGY, BS

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76-77 credit hours

### Requirements

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The Bachelor of Science in Biology requires the following courses:

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
<del>BIO 40000</del>	<del>Field Research</del>
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 23100	General Chemistry 2
CHM 23200	General Chemistry 3
CHM 24100	General Chemistry 2 Laboratory
CHM 24200	General Chemistry 3 Laboratory
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:

Combination 1:

MTH 27100	Calculus I
MTH 27200	Calculus II

Combination 2:

MTH 17300	Survey of Calculus
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PHY 25100	Introductory Physics I
PHY 25200	Introductory Physics II

Plus 10 credit hours of biology electives, selected from the following options:

BIO 22700	Human Anatomy and Physiology I
BIO 22800	Human Anatomy and Physiology II
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 33200	Plant Physiology
BIO 34300	Invertebrate Zoology
BIO 34500	Identification and Taxonomy of the Local Flora
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