



For more information on the
Environmental Sciences program
please contact

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BACHELOR OF SCIENCE IN
ENVIRONMENTAL SCIENCES

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About the Program

The Bachelor of Science in Environmental Sciences degree is a new academic program at Lindenwood University. The curriculum has been designed to provide students with the necessary expertise to work in the environmental field. Students will gain technical competence to analyze and address a variety of environmental problems, including their causes, impacts, and solutions. Students will learn to recognize environmental hazards and develop strategies to reduce risk to humans and wildlife. Upon graduation, students wanting to work immediately will have the skill sets necessary to begin their career in the private sector or work for an environmental advocacy group or regulatory agency. For students wanting to go on to graduate school, their Lindenwood degree will equip them with the science fundamentals necessary to research environmental problems and develop scientific solutions.



Hazardous waste site before...



and after clean up

Degree Required Courses (Credit hour)

- BSC 24000 Intro to Biological Diversity (4)
- BSC 24400 Intro to Cellular and Molecular Biology (4)
- BSC 24800 Intro to Ecology and Evolution (4)
- BSC 26300 Environmental Policy (3)
- BSC 36200 Advanced Environmental Biology (4)
- CHM 23000 General Chemistry 1 (3)
- CHM 23100 General Chemistry 2 (3)
- CHM 23200 General Chemistry 3 (3)
- CHM 24100 General Chemistry 2 Lab (1)
- CHM 24200 General Chemistry 3 Lab (1)
- CHM 35500 Analytical Chemistry (4) or CHM 36100 Organic Chemistry 1 (4)
- MTH 17300 Survey of Calculus (4)
- MTH 24100 Statistics for Natural Science (3)
- PHY 25100 Introductory Physics I (4)
- ESC 10000 Physical Geology with Lab1 (4)
- ESC 11200 Fundamentals of Environmental Science (4)
- ESC 20000 Intro to Geographic Info Systems (3)

- ESC 31000 Fundamentals of Soil Science (4)
- ESC 32000 Hydrology (3)
- ESC 40000 Hydrogeology (3)
- ESC 41000 Environmental Fate of Contaminants (3)

Plus a minimum of 6 credits from the list below:

- BSC 32000 Plant Biology (4)
- BSC 32400 Animal Biology (4)
- BSC 36600 Field Biology (3)
- BSC 37000 Wetlands Ecology (4)
- BSC 46500 General Ecology (4)
- ESC 30000 Advanced Topics in GIS (3)
- ENV 45000 Environmental Internship (3-9)