

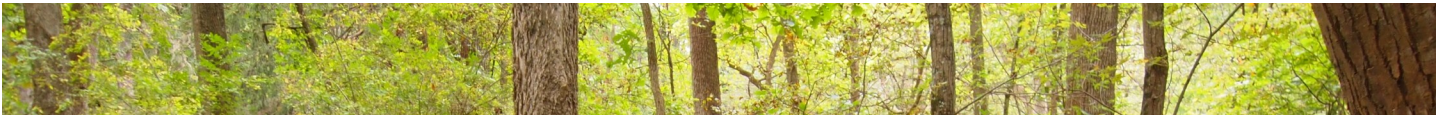


ILLINOIS

COLLEGE OF
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Department of
Natural Resources and
Environmental Sciences

Summer 2019 Online M.S. Courses in Natural Resources and Environmental Sciences



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Tuition and Fees: \$686/credit hour

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416 Forest Biology

Tuesdays 6:30 PM – 9:30 PM (May 13-August 1)

Instructor: Dr. Jeff Dawson

Credit Hours: 3 (CRN 40303)

Increase your understanding of the interaction between biotic and abiotic components of forests as they relate to the structure, composition, health and function of forest ecosystems. Topics will include biogeochemical processes, genealogy of trees, regeneration of forests, plant and animal disease interactions, and forest and landscape ecology. Great course for arboriculturists, landscape managers, park rangers, urban foresters, environmental educators, and timber resource managers.

NRES 472 Environmental Psychology

Thursdays 6:30 PM – 9:45 PM (May 13-August 1)

Instructor: Dr. Matthew Browning

Credit Hours: 4 (CRN 37527)

Interested in how people are affected by nature? How they decide on the value of natural resources? The most effective ways to work for change? This course covers the theory and research in environmental psychology. Topics include environmental perception, cognition, experience, values and emotion, perceived environmental quality, environmental hazards and risk perception, and conservation attitudes and behavior.



NRES 598 Principles of Environmental Toxicology

Asynchronous (May 13 – August 1)

Instructor: Dr. Theresa Johnston

Credit Hours: 3 (CRN 40251)

This course is a comprehensive examination of environmental contaminant pathways into the environment, fate and effect of toxic substances resulting from human activities, and ecosystem effects of contaminants. Topics include an introduction to basic principles of toxicology, discussion of differences in species' response to toxicants, survey of major classes of toxicants, environmental exposures, toxicants in consumer products, and ecotoxicology. We will address research techniques for both human health and ecotoxicology, as well as measures to reduce exposure and remediate contaminated systems. Students will learn how to interpret toxicological data and analyze results. By the end of the course, students should have a basic understanding of toxicological pathways, biological effects, and environmental consequences and be able to apply this knowledge to a variety of current environmental toxicology situations.

Learn more about the NRES Online M.S. Program at nres.illinois.edu/online.