

Graduate Certificate in Sustainability

2015-2016 Requirements

1 Required Course: 3 Credits

- WCOB 5023 Sustainability in Business

4 Elective Courses: 12 Credits

Students choose 12 hours in at least 2 thematic areas from the lists below. At least 9 hours must be chosen from courses numbered 5000 or above.

Students must take courses from at least two systems areas and earn a grade of 'B' or better for all courses used to fulfill the requirements of the Graduate Certificate in Sustainability.

Natural Systems

- BENG 5351 Sustainability Seminar
- BENG 5933 Environmental and Ecological Risk Assessment
- BIOL 4154 Biology of Global Change Biology
- BIOL 5814 Limnology
- BIOL 5843 Conservation Biology
- BIOL 5933 Global Biogeochemistry: Elemental Cycles and Environmental Change
- CHEM 5283 Energy Conversion and Storage
- CSES 5224 Soil Physics
- CSES 5264 Microbial Ecology
- ENDY 5063 Climate Through Time
- ENDY 5113 Global Change
- ENDY 6013 Environmental Dynamics
- GEOS 5423 Remote Sensing of Natural Resources

Built Systems

- ARCH 4023 Sustainable Design
- BENG 5613 Simulation Modeling of Biological Systems
- BENG 5623 Life Cycle Assessment
- CVEG 4863 Civil Engineering for Sustainability
- LARC 5043 Sustainable Housing
- LARC 5063 Alternative Stormwater Management

Program Director

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Managed Systems

- AGEC 4163 Agricultural and Rural Development
- AGEC 5133 Agricultural and Environmental Resource Economics
- BENG 5613 Simulation Modeling of Biological Systems
- BENG 5633/OMGT 5633 Linkages Among Technology, Economics, and Societal Values
- CSES 4103 Plant Breeding
- CSES 4133 Weed Identification, Morphology, and Ecology
- CSES 4143 Principles of Weed Control
- CSES 4224 Soil Fertility
- CSES 5023 Weed Physiology and Herbicide Resistance in Plants
- CSES 5033 Advanced Soil Fertility and Plant Nutrition
- MGMT 4243 Ethics and Corporate Responsibility
- WCOB 5843 Cross Sector Collaboration for Sustainability

Social Systems

- AGEC 5153 The Economics of Public Policy
- COMM 5513 Sustainability and Communications
- CVEG 4203 Environmental Regulations and Permits
- ENDY 6033 Society and Environment
- GEOS 4693 Environmental Justice
- HIST 4773 Environmental History
- HIST 5103 Agricultural and Environmental History
- LAWW 500V Climate Change Law
- LAWW 5824/7827 Food Justice: Law and Policy
- PLSC 5153 Environmental Politics and Policy
- PLSC 5173 Community Development
- PUBP 604V Mixed Method Research Design
- RSOC 4603 Environmental Sociology
- SOCI 5113 Seminar in Social Inequality

Sustainability Academic Programs

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Graduate Certificate in Sustainability

Who?

Current graduate students and working professionals interested in working with sustainability.

What?

The Graduate Certificate in Sustainability consists of 15 credit hours of coursework.

Where?

Classes are primarily on-campus, face-to-face offerings, but some may be offered online.

Why?

Gain a working understanding of how to implement sustainability for the next step in your career.

How?

Submit an application to the Graduate School at grad.uark.edu