
SUSTAINABILITY (SUST) – CATALOG YEAR 2013-14

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Requirements for a Minor in Sustainability (18 hours):

Students must earn a grade of 'C' or better for all courses used to fulfill requirements of the minor in Sustainability.

- SUST 1103** Foundations of Sustainability
- SUST 2103** Applications of Sustainability
- SUST 4103** Capstone Experience in Sustainability
(To qualify for SUST 4103 or other sustainability capstone experience, students must have successfully completed SUST 1103, SUST 2103, and 6 hours of elective course work toward the minor in Sustainability.)

In addition, at least 9 hours of approved elective courses (Students *may* take classes from multiple thematic areas):

Elective courses are categorized as Tier 1 and Tier 2. Tier 1 courses are those with dominant sustainability content or fundamental principles related to understanding sustainability. *Tier 1 courses must comprise at least 6 hours of the 9 elective hours.* Tier 2 courses are those with subordinate sustainability content or associated principles related to understanding sustainability, but with content useful in preparing students with prerequisite knowledge for Tier 1 courses. Only 3 hours of Tier 2 courses will be accepted in fulfillment of the elective hours in the Minor in Sustainability.

Sustainability of Natural Systems Courses

Tier 1

- BENG 4903** Watershed Ecology & Hydrology
- BIOL 3863/3861L** General Ecology/Lab
- CSES 3214** Solid Resources and Nutrient Cycles
- ENSC 3003** Introduction to Water Science
- ENSC 3103** Plants and Environmental Restoration
- ENSC 3223/3221L** Ecosystems Assessment/Lab
- ENSC 3263** Environmental Soil and Water Conservation
- ENSC 4023** Water Quality
- ENSC 4263** Environmental Soil Science

Tier 2

- BIOL 1543/1541L** Principles of Biology/Lab
- CHEM 1103** University Chemistry I

- CHEM 1123/1121L** University Chemistry II/Lab
- CSES 2203/2201L** Soil Science/Lab
- GEOG 2003** World Regional Geography
- GEOG 3333** Oceanography
- GEOG 3383** Principles of Landscape Evolution
- GEOG 4353** Elements of Weather
- GEOG 4363** Climatology
- GEOL 1113/1111L** General Geology/Lab
- GEOL 1133/1131L** Environmental Geology/Lab
- GEOL 4033** Hydrogeology
- GEOL 4053** Geomorphology
- GEOL 4063** Principles of Geochemistry
- GEOS 4413** Principles of Remote Sensing
- MATH/BIOL 4163** Dynamic Models in Biology
- PHYS 2054** University Physics I
- PHYS 2074** University Physics II

Sustainability of Managed Systems

Tier 1

- AGEC 3413** Principles of Environmental Economics
- AGEC 3523** Environmental and Natural Resources Law
- AGED 4003** Issues in Agriculture
- CSES 3214** Soil Resources and Nutrient Cycles
- ECON 3843** Economic Development, Poverty, & the Role of the World Bank and IMF in Low-Income Countries
- ENSC 3103** Plants and Environmental Restoration
- ENSC 3223/3221L** Ecosystems Assessment/Lab
- ENSC 3263** Environmental Soil and Water Conservation
- ENSC 4023** Water Quality
- ENSC 4263** Environmental Soil Science
- HORT 3503** Sustainable and Organic Horticulture
- WCOB 3023** Sustainability in Business

Tier 2

- AGED 4443** Principles of Technological Change
- AGME 1613** Fundamentals of Agricultural Systems Technology
- CSES 2012** Introduction to Organic Crop Production
- CSES 2203/2201L** Soil Science/Lab
- ENSC 1003** Environmental Science
- MGMT 4243** Ethics and Corporate Responsibility

Sustainability of Built Systems

Tier 1

- ARCH 4023H** Honors Advanced Architectural Studies
- CVEG 488V** Special Problems
- GEOG 4383** Hazard & Disaster Assessment, Mitigation, Risk & Policy
- INEG 4583** Renewable Energy: Green Power Sources
- MEEG 4453** Industrial Waste and Energy Management
- MEEG 4473** Indoor Environmental Control
- LARC 5043** Landscape Architecture Seminar
- LARC 5063** Alternative Stormwater Management

Tier 2

- GEOG 4063** Urban Geography
- ARCH 2113** Architectural Structures I
- ARCH 3134** Building Materials and Assemblies
- CVEG 3243** Environmental Engineering
- CVEG 4243** Environmental Engineering Design
- CVEG 4323** Design of Structural Systems
- CSCE 4233** Low Power Digital Systems

Sustainability of Social Systems

Tier 1

- AGEC 3523** Environmental and Natural Resources Law
- AGEC 4163** Agricultural and Rural Development
- COMM 4643** Environmental Communication
- ENGL 4133** Writing Nature
- ENSC 3933/PHIL 3113** Environmental Ethics
- GEOS 4693** Environmental Justice
- RESM 1023** Recreation and Natural Resources
- RESM 4023** Outdoor Adventure Leadership
- RSOC/SOCI 4603** Environmental Sociology

Tier 2

- ANTH 4143** Ecological Anthropology
- HIST 4773** Diplomatic History of the US, 1945 to Present
- CHLP 6553** Environmental Health
- CHLP 4643/5643** Multicultural Health
- SCWK 3193** Human Diversity and Social Work
- SCWK 4093** Human Behavior and the Social Environment I
- SCWK 4103** Human Behavior and the Social Environment II
- SOCI 2033** Social Problems
- SOCI 3193** Race, Class, and Gender in America
- SOCI 4013** Special Topics in Sociology

Please visit catalog.uark.edu for an extensive list of graduation and prerequisite requirements.