

Foundations of Sustainability Minor

2017-2018 Requirements

Required Courses: 9 Credits

- ___ SUST 1103 Foundations of Sustainability (Sp)
- ___ SUST 2103 Applications of Sustainability (Fa)
- ___ SUST 4103 Capstone Project in Sustainability (Sp)

Elective Courses: 9 Credits

- ___ Tier 1 Elective: _____
- ___ Tier 1 Elective: _____
- ___ Tier 1 **or** Tier 2 Elective: _____

STUDENTS MUST EARN A GRADE OF 'C' OR BETTER FOR ALL COURSES USED TO FULFILL THE REQUIREMENTS OF THE FOUNDATIONS OF SUSTAINABILITY MINOR.

STUDENTS MAY TAKE COURSES FROM ANY SYSTEMS AREA AND FROM ANY COMBINATION OF AREAS.

Tier 1 ————— Natural Systems ————— Tier 2

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|---|--|
| ___ BENG 4933 Sustainable Watershed Engineering | ___ BIOL 1543 Principles of Biology |
| ___ BIOL 3861L General Ecology Lab | ___ CHEM 1103 University Chemistry I |
| ___ BIOL 3863 General Ecology | ___ CHEM 1123 University Chemistry II |
| ___ BIOL 4154 Biology of Global Change | ___ CHEM 3603 Organic Chemistry I |
| ___ BIOL 4174 Conservation Genetics | ___ CHEM 3703 Organic Chemistry I Lecture for Majors |
| ___ CHEM 4283 Energy Conversion and Storage | ___ CSES 2203/2201L Soil Science |
| ___ CSES 3214 Soil Resources & Nutrient Cycles | ___ ENSC 1003 Environmental Science |
| ___ ENSC 3003 Introduction to Water Science | ___ GEOS 1113/1111L General Geology + Lab |
| ___ ENSC 3103 Plants & Environmental Restoration | ___ GEOS 1133/1131L Earth Science + Lab |
| ___ ENSC 3223/3221L Ecosystem Assessment | ___ GEOS 2003 World & Regional Geography |
| ___ ENSC 3263 Soil & Water Conservation | ___ GEOS 3333 Oceanography |
| ___ ENSC 4023 Water Quality | ___ GEOS 3383 Principles of Landscape Evolution |
| ___ ENSC 4263 Environmental Soil Science | ___ GEOS 4033 Hydrogeology |
| ___ GEOS 3043 Sustaining Earth | ___ GEOS 4053 Geomorphology |
| ___ GEOS 4933 Ancient Forests: Science and Sustainability | ___ GEOS 4063 Principles Geochemistry |
| | ___ GEOS 4353 Meteorology |
| | ___ GEOS 4363 Climatology |
| | ___ GEOS 4413 Principles of Remote Sensing |
| | ___ MATH 4163/BIOL4163 Dynamic Models in Biology |
| | ___ PHYS 2054 University Physics I |
| | ___ PHYS 2074 University Physics II |

Tier 1 ————— Managed Systems ————— Tier 2

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|---|---|
| ___ AGECE 3413 Principles of Environmental Economics | ___ AGED 4443 Methods of Technological Change |
| ___ AGECE 3523 Environmental & Natural Resource Law | ___ AGME 1613 Fundamentals of Agricultural Systems Technology |
| ___ AGED 4003 Issues in Agriculture | ___ CSES 2012 Organic Crop Production |
| ___ BENG 3603 Sustainable Agricultural Systems | ___ CSES 2203/2201L Soil Science |
| ___ CSES 3214 Soil Resources & Nutrient cycles | ___ ENSC 1003 Environmental Science |
| ___ ECON 3843 Economic Development, Poverty, & the Role of the World Bank and IMF in Low-Income Countries | ___ MGMT 4243 Ethics & Corporate Responsibility |
| ___ ENSC 3103 Plants & Environmental Restoration | |
| ___ ENSC 3223 Ecosystems Assessment | |
| ___ ENSC 3263 Soil and Water Conservation | |
| ___ ENSC 4023 Water Quality | |
| ___ ENSC 404V Soils and Civilization | |
| ___ ENSC 4263 Environmental Soil Science | |
| ___ HORT 3503 Sustainability & Organic Horticulture | |
| ___ SCMT 4123 Sustainable Logistics & Supply Chain Management | |
| ___ SCMT 4853 Cross-Sector Collaboration for Sustainability | |
| ___ WCOB 3023 Sustainability in Business | |

Tier 1 ————— **Built Systems** ————— Tier 2

- ___ARCH 4023 Sustainability & Design
- ___ARCH 4023/LARC 5043 Housing as if the Future Matters
- ___BENG 3653 Global Bio-Energy Engineering
- ___BENG 4663 Sustainable Bio-systems Engineering
- ___CVEG 3243 Environmental Engineering
- ___CVEG 4243 Environmental Engineering Design
- ___CVEG 4863 Sustainability in Civil Engineering
- ___GEOS 4383 Hazard & Disaster Assessment, Mitigation & Risk Policy
- ___LARC 303V/5386 Environmental Land Use Planning
- ___LARC 4753 Incremental Sprawl Repair
- ___LARC 5493 Environmental Land Use Planning
- ___MEEG 4453 Industrial Waste & Energy Management
- ___MEEG 4473 Indoor Environmental Design

- ___ARCH 2114 Building Environmental Technology: Passive Systems Buildings
- ___ARCH 2132 Environmental Technology I
- ___ARCH 3134 Building Systems: Lighting, Acoustics, & HVAC
- ___ARCH 4154 Environmental Technology II and Building Systems
- ___CSCE 4233 Low Power Digital Systems
- ___CVEG 4323 Design of Structural Systems
- ___GEOS 3543 Geospatial Applications & Information Science
- ___GEOS 4073 Urban Geography
- ___IDES 3833 Building Systems for Interiors
- ___LARC 4743 Site Planning in Landscape Architecture
- ___LARC 4743 Public Participation in Design & Planning
- ___TEED 2103 Technology and Society

Tier 1 ————— **Social Systems** ————— Tier 2

- ___AGEC 3523 Environmental & Natural Resource Law
- ___AGEC 4163 Agriculture & Rural Development
- ___ANTH 4143 Ecological Anthropology
- ___CHLP 6553 Environmental Health
- ___COMM 4643 Environmental Communications
- ___ENGL 4133 Environmental Literature & Nature Writing
- ___ENSC 3933/ PHIL 3113 Environmental Ethics
- ___GEOS 4693 Environmental Justice
- ___RESM 1023 Recreation & Natural Resources
- ___RESM 4023 Outdoor Adventure Leadership
- ___RSOC 4603/SOCI 4603 Environmental Sociology

- ___CHLP 4643/5643 Multicultural Health
- ___HIST 3273 Agricultural and Rural History of America
- ___HIST 3323 The West of Imagination
- ___HIST 4463 The American Frontier
- ___SCWK 3193 Human Diversity & Social Work
- ___SCWK 4093 Human Behavior & Social Environments I
- ___SCWK 4103 Human Behavior & Social Environments II
- ___SOC 2033 Social Problems
- ___SOC 3013 Population and Society
- ___SOC 3193 Race, Class, Gender in the U.S.
- ___SOC 3303 Social Data & Analysis

Tier 1 courses are those with a primary focus on content directly applicable to sustainability.

Tier 2 courses are those which provide students with the foundational knowledge needed to understand sustainability principles.

Foundations of Sustainability Minor Declaration Form

Copy of completed form will be uploaded to student's record in UA Success.

Student Name _____ ID# _____ Major _____

Signatures of Approval:

Student _____ Date _____

Major Advisor _____ Date _____

SUST Director _____ Date _____

Program Director

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Return completed form to:

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