

Pressing environmental issues such as climate change and water quality are fundamentally connected to human impacts and problems of resource scarcity, access, and degradation. Sustainability requires integrated approaches that can improve the well-being of society without causing irreparable harm to the Earth's ecological systems. Solutions to these problems are based on knowledge of human and natural systems, which includes an understanding of the interdependencies among the economy, institutions, technology, society, and environmental challenges such as climate change, renewable energy, and water availability. Such problems call for a new generation of students with a strong understanding of sustainability issues, the practical skills to assess sustainable resource consumption and use, familiarity with the processes of social change and the knowledge to develop solutions.

The EEDS minor provides a multi-disciplinary approach with a focus on the economic, business, and social change aspects of sustainability. This minor responds to the emergence of sustainability as an important competency for many types of jobs in the private, public, and non-profit sectors. Through the EEDS minor, students obtain knowledge of sustainability concepts and methods that complement their major program of study in a variety of natural, physical, engineering, and social science disciplines. The EEDS minor curriculum is comprised of core courses from the EEDS major and includes a range of courses that can be selected by students to count toward the minor degree. These courses are designed to provide a foundation in sustainability concepts and theory related to economics, business, sociology and community and international development. The EEDS minor will assist students in a wide variety of OSU majors to be even more "job ready" for the ever-changing employment marketplace.

A total of 15 semester hours are required for the minor.

Course number	Course Title	Credit hours	Prerequisites
Required: Introductory Course			
ENR/AEDECON 2500	Introduction to Sustainability	3	Sophomore standing
Choose 1: Core Course (Economics & Business)			
AEDECON 4310	Environmental & Natural Resources Economics	3	ECON 2001 or AEDECON 2001
BUSADM 3640.02	Introduction to Sustainability in Business I: Principles and Concepts	3	ENR/AEDECON 2500
Choose 1: Core Course (Community & Development)			
AEDECON/INTSTDS 4597.01	Food, Population, and the Environment	3	Junior or Senior standing
ENR 3500	Community, Environment and Development	3	ENR 2300, RURLSOC 1500, or SOCIOL 1101
RURLSOC 3580	Social Groups in Developing Societies	3	3 credit hours in RURLSOC, SOC or a related social science
Choose 2: Elective Courses in Environment, Economy, Development & Sustainability			
AEDECON 3680	Regional Economics and Sustainable Growth	3	ECON 2001 or AEDECON 2001
AEDECON 4310	Environmental and Natural Resources Economics	3	ECON 2001 or AEDECON 2001
AEDECON/INTSTDS 4320	Energy, the Environment, and the Economy	3	ECON 2001 or AEDECON 2001
AEDECON 4330	The Sustainable Economy: Concepts and Methods	3	AEDECON 4310
AEDECON/INTSTDS 4532	Food Security and Globalization	3	ECON 2001 or AEDECON 2001
AEDECON/INTSTDS 4535	International Economic Development	3	ECON 2001 or AEDECON 2001
AEDECON/INTSTDS 4597.01	Food, Population, and the Environment	3	Junior or Senior standing
AEDECON 5330	Benefit-Cost Analysis	3	AEDECON 4310; or ECON 4001 or AEDECON 4001
BUSADM 3640.02	Introduction to Sustainability in Business I: Principles and Concepts	3	Junior or Senior standing
BUSADM 3642.02	Introduction to Sustainability in Business II: Applications, Solutions and Project Experience	3	BUSADM 3640.02
COMLDR 4430	Leadership in Teams and Community Organizations	3	--
CRPLAN 3400	Planning for Sustainable Economic Development	3	ECON 2001 or AEDECON 2001
ECON 4547	Economics of War	3	ECON 2001 or AEDECON 2001 & ECON 2002

Course number	Course Title	Credit hours	Prerequisites
ECON 4500	Economic Development	3	ECON 2001 or AEDECON 2001 & ECON 2002
ECON 4553	Economics of Population	3	ECON 2001 or AEDECON 2001
ECON 4560	Cooperation and Conflict in the Global Economy	3	ECON 2001 or AEDECON 2001 & ECON 2002
ENR 3200	Environmental and Natural Resources Policy	3	ENR 2100 & ENR 2300
ENR 3500	Community, Environment and Development	3	ENR 2300, RURLSOC 1500 or SOCIOL 1101
ENR 3900	Sustainability Metrics	4	ENR 2000 or AEDECON 2005 or other GE Data Analysis course
ENR 4400	Law and Legal Process	3	--
ENR 5210	US Environmental Impact Assessment	3	Junior or Senior Standing
ENR 5211	International Environmental Impact Assessment	3	Junior or Senior Standing
ENR/FABENG 5310	Ecological Engineering and Science	4	ENR 2000 or AEDECON 2005 or other GE Data Analysis course
RURLSOC 3580	Social Groups in Developing Societies	3	3 credit hours in RURLSOC, SOC or a related social science
RURLSOC 4500	Community Development in Practice	3	ENR 3500
RURLSOC 5500	Diffusion of Innovations	3	--
RURLSOC 5580	Social Impact Assessment	3	--
SOCIOL 3460	Environmental Justice	3	--

Restrictions and General Information

1. This minor is not available to students majoring in Environment, Economy, Development and Sustainability (EEDS).
2. A maximum of 3 approved study abroad credits (ENR 5797 or a related study abroad experience as approved by an ENR advisor) may be used toward the minor unless specified otherwise.
3. A minor should be declared by the time a student accumulates 60 hours.
4. A minimum 2.00 cumulative point-hour ratio is required in the minor course work; and a minimum grade of a C- is required for each course used to complete the minor.
5. A student is permitted to overlap up to 6 credit hours between the GE and the minor.
6. The minor must contain a minimum of 12 credit hours distinct from the major and/or additional minors (i.e. if a minor requires more than 12 credit hours, a student is permitted to overlap those hours beyond 12 with the major or with another minor).
7. The minor must include at least 6 hours of upper-level or upper-division course work (3000 or above).
8. Course work graded Pass/Non-Pass cannot count in the minor, and no more than 3 credit hours of course work graded Satisfactory/Unsatisfactory may count toward the minor.
9. No more than 3 credit hours of xx93 may count toward the minor.
10. A student is permitted to count up to 6 total hours of transfer credit and/or credit by examination.