Program Requirements

The sustainability minor requires 18 credit hours of study, at least nine of which must be upper-division. The program includes six credit hours of required core courses, six credit hours of required theme courses, and six credit hours of upper-division sustainability-related electives that relate to the student's major.

All courses must be completed with a grade of "C" (2.00) or higher.

**Required Core Courses -- 6 credit hours**

- SOS 100: Introduction to Sustainability (G) (3)
- SOS 300: Advanced Concepts and Integrated Approaches in Sustainability (3)

**Required Theme Courses -- 6 credit hours**

Two courses, each from a different sustainability theme area below.

**Coupled Human-Environment Systems**

- ASB 222: Buried Cities and Lost Tribes ((HU or SB) & G & H) (3)
- CHM 107: Chemistry and Society (SQ) (3)
- GLG 110: Dangerous World (SG & G) (3)
- GPH 210: Society and Environment (G) (3)
- ISS 450: Consumerism and Sustainable Development (3)
- LSC 362: The Human Environment (3)
- SOS 320: Society and Sustainability (L or SB) (3)
- SOS 327: Sustainable Food and Farms (3)
- STS 250: Science, Society, and Global Warming (3)

**Earth Systems**

- ABS 225: Soils (SQ) (3)
- ABS 270: Sustainable Biological Systems (3)
- BIO 100: The Living World (SQ) (4)
- ENV 410: Soil Science (4)
- GLG 101: Introduction to Geology I (Physical) (SQ) (3)
- GLG 108: Water Planet (SQ) (4)
- GLG 110: Dangerous World (SG & G) (3)
GPH 211: Landform Processes (SQ) (4)
LSC 388: Bee Ecology in Urban and Wild Habitats (L) (3)
SES 106: Habitable Worlds (SQ) (4)
SOS 326: Sustainable Ecosystems (3)

**Human Transformation of the Earth**

ABS 260: Fundamentals of Sustainable Horticulture (SG) (4)
ABS 270: Sustainable Biological Systems (3)
ABS 363: Sustainable Landscape Practice (4)
ALA 100: Introduction to Environmental Design (HU & H & G) (3)
ASM 104: Bones, Stones, and Human Evolution (SB or SG) (4)
BIO 130: Introduction to Environmental Science (SQ) (4)
CON 101: Construction and Culture: a Built Environment (HU & H) (3)
ENV 201: Fundamentals of Environmental Science (3)
FSE 181: Technological, Social, and Sustainable Systems (HU) (3)
IAS 407 / PHI 407: Environmental Philosophy and Policy (L or HU) (3)
IND 243: Design for Ecology and Social Equity (3)
SOS 111 / PUP 190: Sustainable Cities ((HU or SB) & G) (3)
SOS 323: Sustainable Urban Dynamics (3)
SOS 324: Sustainable Energy Technology and Systems (3)
SOS 465 / PUP 465: Sustainable Urbanism (3)
STS 235: Technology and Urban Systems (L) (3)

**Social, Political and Economic Treatment of Natural Resources and Environment**

ABS 381: Natural Resources Policy (3)
ABS 479: Ecosystem Management and Planning (L) (3)
AGB 250: Economics of Resource Allocation: Food and Agriculture (3)
AGB 414: Food and Agribusiness Policy Issues (L) (3)
AGB 452: Global Food and Agricultural Policy (3)
ASB 100 / SSH 100: Introduction to Global Health (SB & G) (3)
GCU 441: Economic Geography (SB) (3)
IAS 340 / PHI 320: Bioethics (HU) (3)
IAS 409: Eco-Community Ethics (HU) (3)
PHI 306: Applied Ethics (HU) (3)
PHI 360: Business and Professional Ethics (HU) (3)
SGS 203: Contemporary Global Trends (SB & G) (3)
SGS 303: Global Trends (SB) (3)
SOS 110: Sustainable World (SB) (3)
SOS 321: Policy and Governance in Sustainable Systems (3)
SOS 323: Sustainable Urban Dynamics (3)
SOS 325: The Economics of Sustainability (3)
STS 101: Introduction to Science, Technology, and Society (SB) (3)
STS 110: Global Technology and Development (SB & G) (3)

**Upper-Division Sustainability-Related Electives -- 6 credit hours**

Upper Division courses that are sustainability-related and ideally make a connection between the student's major and the minor (6)

Students should consult with their major advisor for upper division sustainability-related elective course selection. Possible courses for these electives can be explored at https://schoolofsustainability.asu.edu/sustainability-courses-at-asu/, but still need to be approved by the student's major academic advisor.

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.