

# 2024 - 2025 Minor Map

## Sustainability

School/College: [College of Global Futures](#)

Location: [Downtown Phoenix](#), [Polytechnic](#), [Tempe](#), [West Valley](#)

## 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 110: Sustainable World \(SUST OR SB\)](#) (3)

[SOS 111: Sustainable Cities \(SUST OR \(HU or SB\) & G\)](#) (3)

### Required Theme Courses -- 6 credit hours

Theme Course: Complete a course from one of the four theme areas below. (3)

Upper Division Theme Course: Complete a second course from a second (different) theme area below. (3)

### Coupled Human-Environment Systems

[ASB 222: Buried Cities and Lost Tribes \(HUAD OR \(HU or SB\) & G & H\)](#) (3)

[CHM 107: Chemistry and Society \(SCIT OR SQ\)](#) (3)

[CRD 301: Sustainable Communities](#) (3)

[CRD 302: Inclusive Community Development \(SOBE OR SB & C\)](#) (3)

[GLG 110: Dangerous World \(SCIT OR SQ & G\)](#) (3)

[GPH 210: Society and Environment](#) (3)

[ISS 450: Consumerism and Sustainable Development \(SUST OR SB\)](#) (3)

[LSC 362: The Human Environment](#) (3)

[SOS 320: Society and Sustainability \(SOBE OR L or SB\)](#) (3)

[SOS 327: Sustainable Food and Farms](#) (3)

### Earth Systems

[ABS 225: Soils \(SQ\)](#) (3)

[ABS 270: Sustainable Biological Systems](#) (3)

BIO 100: The Living World (SCIT OR SQ) (4)  
ENV 410: Soil Science (4)  
GLG 101: Introduction to Geology I (Physical) (SCIT OR SQ) (3)  
GLG 108: Water Planet (SCIT OR SQ) (4)  
GLG 110: Dangerous World (SCIT OR SQ & G) (3)  
GPH 211: Landform Processes (SCIT OR SQ) (4)  
LSC 388: Bee Ecology in Urban and Wild Habitats (3)  
SES 106: Habitable Worlds (SCIT OR 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 (HUAD OR HU & H & G) (3)  
ASM 104: Bones, Stones, and Human Evolution (SCIT OR SG) (4)  
BIO 130: Introduction to Environmental Science (SCIT OR SQ) (4)  
CON 101: Construction and Culture: a Built Environment (HUAD OR HU & H) (3)  
ENV 201: Fundamentals of Environmental Science (SUST) (3)  
FSE 181: Technological, Social, and Sustainable Systems (SUST OR 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 (SUST OR (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 Trade (3)  
ASB 100: Introduction to Global Health (GCSI OR SB & G) (3)  
CRD 301: Sustainable Communities (3)  
GCU 441: Economic Geography (SB) (3)  
HCI 311: Health Innovation: Foundational Concepts (3)  
HCI 412: Transforming Health Care: A Systems Perspective for Innovation (3)  
HCI 421: Health Care Policy: The Innovator's View (CIVI) (3)  
HCR 230: Culture and Health (GCSI OR C & G) (3)  
HCR 336: Environmental Community Health (3)  
IAS 340 / PHI 320: Bioethics (HUAD OR HU) (3)  
IAS 409: Eco-Community Ethics (HU) (3)

NLM 410: Social Entrepreneurship (3)  
PHI 306: Applied Ethics (CIVI OR HU) (3)  
PHI 360: Business and Professional Ethics (HUAD OR HU) (3)  
PRM 340: Outdoor Survival (3)  
SGS 203: Contemporary Global Trends (SB & G) (3)  
SGS 303: Global Trends (GCSI OR SB & G) (3)  
SOS 110: Sustainable World (SUST OR SB) (3)  
SOS 321: Policy and Governance in Sustainable Systems (3)  
SOS 323: Sustainable Urban Dynamics (3)  
SOS 325: The Economics of Sustainability (3)  
SOS 330: Sustaining the Commons (3)  
STS 101: Introduction to Science, Technology and Society (SOBE OR SB) (3)  
STS 110: Global Technology and Development (SB & G) (3)  
TDM 482: Sustainable Revenue Management (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 selections and approvals. Possible courses for these electives can be explored at [the School of Sustainability website](#), but still need to be approved by the student's major academic advisor.

Prerequisite courses may be needed in order to complete the requirements of this minor.