The Bachelor of Science in Sustainable Built Environments (SBE) is designed for students interested in entering the new green economy.

The world's communities are facing many challenges, including urbanization, climate change and social inequities.

As an SBE student, you'll gain a comprehensive understanding of sustainability principles that will prepare you with the skills to make our buildings, landscapes and communities more resilient. Discover the ecological, social and economic forces that affect the built environment and how to create innovative and realistic solutions.

In SBE, you will have the opportunity to learn:

- Climate change mitigation and adaptation
- Construction and project management
- Design thinking
- Energy management and design, including alternative energy
- Environmental landscape design and urban ecology
- Geographic information systems (GIS) and geodesign
- Green infrastructure and water harvesting
- Historic preservation and heritage conservation
- Placemaking and urban design, planning and policy
- Responsible real estate and urban development
- Transportation planning
- Professional communication, digital media and presentation

We have the opportunity right now to create more sustainable and resilient cities, decreasing their environmental impact to the world, increasing their resilience and equitably improving their residents’ quality of life.

BACHELOR OF SCIENCE IN SUSTAINABLE BUILT ENVIRONMENTS

CONTACT

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CAPLA.ARIZONA.EDU/SBE
BS SUSTAINABLE BUILT ENVIRONMENTS CURRICULUM

FALL 1
Introduction to Sustainability
First-Year Composition
College Algebra
Second Semester Second Language
GenEd - Tier I Traditions & Cultures ●

SPRING 1
Careers in Sustainability
First-Year Composition
Introductory Biology II - Lecture
Introductory Biology II - Lab
GenEd - Tier I Traditions & Cultures ●
GenEd - Tier I Individuals & Societies ●
GenEd - Tier I Individuals & Societies ●

FALL 2
Sustainable Design and Planning
History of the Built Environment I
Introduction to Statistics
Basic Economic Issues
Environmental Studies: Ideas and Institutions

SPRING 2
Professional Communication and Presentation
History of the Built Environment II
Water & Energy: Conventional and Alternative Systems
Introductory Physics I - Lecture
Introductory Physics I - Lab
GenEd - Tier II Humanities ●

FALL 3
Introduction to GIS for Planning and Landscape Architecture
Emphasis Course ●
Emphasis Course ●
GenEd - Tier II Arts ●
GenEd - Tier II Individuals & Societies ●

SPRING 3
Introduction to Design Thinking
Population Geography
Environmental Ethics
Emphasis Course ●
Emphasis Course ●

FALL 4 □
Professional Internship
Research Methods
Emphasis Course ●
Elective

SPRING 4 □
Senior Capstone
History and Theory of Architecture IV: Contemporary Architecture
Emphasis Course ●
Elective

IMPORTANT NOTES:
● UA General Education requires one course to have a “diversity” emphasis.

☐ Students are required to select one of the following emphasis areas (6 courses/18 units):
  - Sustainable Building
  - Sustainable Communities
  - Sustainable Landscapes
  - Sustainable Real Estate Development
  - Heritage Conservation

☐ Additional 500-Level courses may be taken to prepare for the Accelerated Master’s Program (AMP). Some elective courses may be fulfilled by emphasis courses taken during SBE program.

ACADEMIC ADVISOR
SEAN KRAMER-LAZAR
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