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

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

CAPLA.ARIZONA.EDU/SBE
### FALL 1
- **SBE 195A**: Introduction to Sustainability
- **ENGL 101**: First-Year Composition
- **MATH 112**: College Algebra
- **UNIV 101**: Second Language Semester 1

**Intro to the General Education Experience**

### SPRING 1
- **SBE 195B**: Careers in Sustainability
- **ENGL 102**: First-Year Composition
- **ECOL 182R**: Introductory Biology II: Lecture
- **ECOL 182L**: Introductory Biology II: Lab
- **SBE 201**: Second Language Semester 2
- **SBE 221**: General Education: Exploring Perspectives

### FALL 2
- **SBE 201**: Sustainable Design and Planning
- **SBE 221**: History of the Built Environment I
- **SBS 200**: Introduction to Statistics
- **ECON 200**: Basic Economic Issues
- **EVS 260**: Environmental Studies: Ideas and Institutions

### SPRING 2
- **SBE 202**: Professional Communication and Presentation
- **SBE 222**: History of the Built Environment II
- **CHEE 204**: Water & Energy: Conventional and Alternative Systems
- **PHYS 102**: Introductory Physics I: Lecture
- **PHYS 181**: Introductory Physics I: Lab
- **LAR 470**: General Education: Building Connections

### FALL 3
- **LAR 470**: Introduction to GIS for Planning and Landscape Architecture
- **PHIL 323**: Emphasis Course
- **PHIL 323**: Emphasis Course
- **PHIL 323**: General Education: Building Connections
- **PHIL 323**: General Education: Exploring Perspectives

### SPRING 3
- **SBE 301**: Introduction to Design Thinking
- **GEOG 367**: Population Geography
- **PHIL 323**: Environmental Ethics
- **PHIL 323**: Emphasis Course
- **PHIL 323**: Emphasis Course

### FALL 4
- **SBE 393**: Professional Internship
- **SBE 480**: Research Methods
- **UNIV 301**: General Education Portfolio
- **SBE 498**: Elective
- **ARC 471S**: Elective

### SPRING 4
- **SBE 498**: Senior Capstone
- **ARC 471S**: History and Theory of Architecture IV: Contemporary Architecture
- **SBE 498**: Emphasis Course
- **SBE 498**: Elective
- **SBE 498**: Elective

**NOTES:**

- A minimum of 120 units of coursework are required.
- The following courses fulfill these GE requirements:
  - **PHYS 102** – Exploring Perspectives: Natural Scientist
  - **ECON 200** – Exploring Perspectives: Social Scientist
  - **PHIL 323** – Building Connections
- Students are required to select one of the following emphasis areas (6 courses/18 units):
  - Heritage Conservation
  - Sustainable Buildings
  - Sustainable Communities
  - Sustainable Landscapes
  - Sustainable Real Estate Development
- Additional 500-Level courses may be taken to prepare for an Accelerated Master’s Program (AMP). Some elective courses may be fulfilled by emphasis courses taken during SBE program.

**CONTACT**

**ACADEMIC ADVISOR**

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**UPDATED 04/12/2022**