

THE UNIVERSITY OF ARIZONA

College of Architecture, Planning
& Landscape Architecture

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 strategies
- Design thinking methodologies
- Energy management and design, incorporating alternative energy solutions for sustainable development
- Environmentally conscious and sustainable design for landscapes and urban ecosystems
- Geographic Information Systems (GIS) and other spatial techniques
- Effective communication strategies using graphic and oral presentations, digital media platforms, and professional publications

CAPLA.ARIZONA.EDU/SBE

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.

CAREER OUTLOOK

The BS Sustainable Built Environments prepares students to compete in the 21st century globalized economy. Our graduates are employed as designers in architecture firms, designers and managers of renewable and other energy systems, managers within nonprofit organizations, leaders in government agencies and corporations offering sustainability-focused products or services and as researchers. Others go on to continue their education in a graduate degree program.

With the BS SBE, you'll be prepared for careers in these industries:

- Sustainability consulting
- Urban & regional planning
- Renewable energy systems design
- Energy auditing
- Environmental research
- Architectural design
- Civil engineering

CONTACT

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BS SUSTAINABLE BUILT ENVIRONMENTS

2+2 TRANSFER CURRICULUM

UNITS

COURSE

Foundations Requirements

First-Year Composition
First-Year Composition
Second Semester Second Language Proficiency

General Education Requirements

2 Exploring Perspectives: 1 Artist + 1 Humanist
2 Building Connections

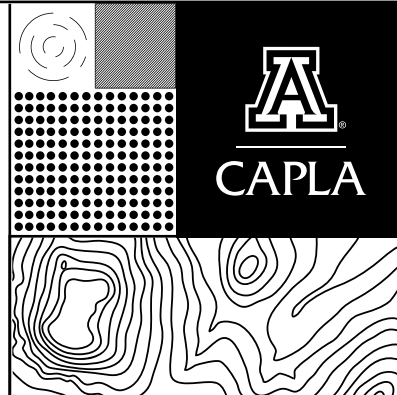
Note: Completion of an AGECE will satisfy your General Education requirements for the SBE degree.

Transferable Courses and Equivalencies

UA Requirement	Pima CC	Maricopa CC
MATH 112 College Algebra	MAT 151	MAT 150/151/152
ECOL 182R&L Introductory Biology II - Lecture/Lab	BIO 182IN	BIO 182
PHYS 102 & 181 Introductory Physics I - Lecture/Lab	PHY 121IN	PHY 111
SBS 200 Introduction to Statistics	MAT 167	MAT 206
ECON 200 Basic Economic Issues	ECN 201 & ECN 202	ECN 211 & ECN 212 <i>two courses required</i>
SBE 202 Professional Communication and Presentation	CMN 110	COM 125

University of Arizona Only Courses

History and Theory of Architecture IV: Contemporary Architecture
Water & Energy: Conventional and Alternative Systems
Environmental Studies: Ideas and Institutions
Population Geography
Introduction to GIS for Planning and Landscape Architecture
Environmental Ethics
Introduction to Sustainability
Careers in Sustainability
Sustainable Design and Planning
History of Sustainability Solutions in Buildings and Communities
Urban Ecology
Introduction to Design Thinking
Professional Internship
Research Methods
Senior Capstone
Required Emphasis Courses (emphasis declared during enrollment) ○ □



NOTES:

- 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.



UPDATED 03/03/2025