

BACHELOR OF SCIENCE IN SUSTAINABLE BUILT ENVIRONMENTS**2+2 Transfer Curriculum**

120 units required

Required Transfer Equivalency Courses to UA

WRIT/ENGL 101	First-Year Composition
WRIT/ENGL 102	First-Year Composition
XXXX 102	Second Semester Second Language Proficiency
MATH 112	College Algebra
ECOL 182 R/L	Introductory Biology II Lecture and Lab
PHYS 110	Introductory Physics Lecture and Lab
SBS 200	Introduction to Statistics
ECON 200	Basic Economic Issues
SBE 202	Professional Communication and Presentation
	General Education: Exploring Perspectives, Artist
	General Education: Exploring Perspectives, Humanist
	General Education: Building Connections
	General Education: Building Connections

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

University of Arizona Only Courses

Fall 1			Spring 1		
SBE 195A	Introduction to Sustainability	1	SBE 195B	Careers in Sustainability	1
SBE 201	Sustainable Design and Planning	3	CHEE 204	Water & Energy	3
SBE 223	History of Sustainability Solutions	3	LAR 470	Introduction to GIS for PLG and LAR	4
SBE 301	Introduction to Design Thinking	4	PHIL 323	Environmental Ethics	3
EVS 260	Environmental Studies	3	SBE 424	Urban Ecology	3
GEOG 367	Population Geography	3			
		17			14
Fall 2			Spring 2		
SBE 393	Professional Internship	3	ARC 471S	Contemp Arch and Urban Theory	3
SBE 480	Research Methods	3	SBE 498	Senior Capstone	3
	Emphasis Area Course	3		Emphasis Area Course	3
	Emphasis Area Course	3		Emphasis Area Course	3
	Emphasis Area Course	3		Emphasis Area Course	3
		15			15

Fulfills the General Education requirements for:

* Exploring Perspectives - Natural Scientist

** Exploring Perspectives - Social Scientist

*** Building Connections

Emphasis Areas

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



THE UNIVERSITY OF ARIZONA

**College of Architecture, Planning
& Landscape Architecture**

capla-ugrad@arizona.edu

5/11/26

BSSBE EMPHASIS AREAS**Heritage Conservation**

Explore the value of historic structures and landscapes and the reasons for preserving and adapting them. Coursework focuses on how the preservation and adaptation of historic structures advances environmental, cultural and economic sustainability. Learn the processes and protocols of conservation as well as current issues in historic preservation and resource management.

Main Campus

AIS 431A	Traditional Ecological Knowledge
LAR 465	Cultural Landscapes
LAR 471F	Introduction to Heritage Conservation
LAR 497J	Doc and Interp of the Historic Built Envir
PLG 408	Climate Action Planning
PLG 464	Preservation Planning Issues

Sustainable Buildings

Explore the science and practice the techniques behind building energy efficiency. Hands-on coursework includes such topics as climate-responsive design, net-zero energy design, energy conservation, passive solar design and natural ventilation systems. In this interdisciplinary program, students learn how to analyze existing and planned structures and use critical-thinking skills and solutions-based strategies to create workable plans to make those buildings more efficient.

Main Campus

ARC 461K	Energy and the Environment
ARC 461M	Energy Efficient Design
ARC 461N	Energy Auditing and Modeling
LAR 471F	Introduction to Heritage Conservation
RED 415	Construction and Project Management
Academic advisor approved elective course	

AZ Online

ARC 461K	Energy and the Environment
ARC 461L	Energy Use in Building
ARC 461M	Energy Efficient Design
ARC 461N	Energy Auditing and Modeling
LAR 471F	Introduction to Heritage Conservation
RED 415	Construction and Project Management

Sustainable Communities

Discover how local and regional planning creates more sustainable communities. Explore climate action planning, transportation planning and urban development—and build critical thinking skills and a solutions-based approach to navigate the urban challenges of the present and future. Learn how planning impacts—and is influenced by—the environment, and how to make cities more sustainable and resilient.

Main Campus

PLG 402	Planning for Sust Cities and Regions
PLG 408	Climate Action Planning
PLG 468	Urban Transportation Planning
PLG 472	Environmental Planning
PLG 476	The Land Development Process
PLG 497S	Sust Urban Development and Design

Sustainable Landscapes

Learn about environmental design, planning and management challenges and how to overcome them. Study subjects such as water harvesting, passive cooling, urban heat island mitigation, climate adaptability and how landscapes can improve human health. Explore urban ecology, natural resource management and environmental policy.

Main Campus

LAR 420	Plant Materials
LAR 422	Landscape Analysis
LAR 423	Landscape Ecology
LAR 440	Contemporary Landscape Architecture
LAR 428	Landscape Planning
PLG 408	Climate Action Planning

Sustainable Real Estate Development

Coursework focuses on sustainable practices, urban design, real estate finance, site development and construction. Learn practical business skills such as accounting, marketing and economics.

Main campus and AZ Online

PLG 476	The Land Development Process
RED 407	Survey of Responsible RED
RED 409	Due Diligence and Entitlements
RED 415	Construction and Project Management
RED 421	Placemaking and Urban Form
RED 425	Real Estate Market Analysis

