

BACHELOR OF SCIENCE IN SUSTAINABLE BUILT ENVIRONMENTS 2020-2021

COURSE #	COURSE TITLE	UNITS
FALL 1		
SBE 195A	Introduction to Sustainability	1
ENGL 101	First-Year Composition	3
MATH 112	College Algebra	3
	2nd Semester Second Language	4
	Gen. Ed. – Tier I Traditions & Cultures ●	3
TOTAL FALL 1 UNITS		14
SPRING 1		
SBE 195B	Careers in Sustainability	1
ENGL 102	First-Year Composition	3
ECOL 182R	Introductory Biology II – Lecture	3
ECOL 182L	Introductory Biology II – Lab	1
	Gen. Ed. – Tier I Traditions & Cultures ●	3
	Gen. Ed. – Tier I Individuals & Societies ●	3
	Gen. Ed. – Tier I Individuals & Societies ●	3
TOTAL SPRING 1 UNITS		17
FALL 2		
SBE 201	Sustainable Design & Planning	3
SBE 221	History of the Built Environment I	3
SBS 200	Introduction to Statistics	4
ECON 200	Basic Economic Issues	4
EVS 260	Environmental Studies: Ideas & Institutions	3
TOTAL FALL 2 UNITS		16
SPRING 2		
SBE 202	Professional Communication & Presentation	3
SBE 222	History of the Built Environment II	3
CHEE 204	Water & Energy: Conventional & Alt. Systems	3
PHYS 102	Introductory Physics I – Lecture	3
PHYS 181	Introductory Physics I – Lab	1
	Gen. Ed. - Tier II Humanities ●	3
TOTAL SPRING 2 UNITS		16
FALL 3		
LAR 470	Intro to GIS for Planning & Land Arch	4
	Emphasis course ●	3
	Emphasis Course ●	3
	Gen. Ed. – Tier II Arts ●	3
	Gen. Ed. – Tier II Individuals & Societies ●	3
TOTAL FALL 3 UNITS		16
SPRING 3		
SBE 301	Introduction to Design Thinking	4
GEOG 367	Population Geography	3
PHIL 323	Environmental Ethics	3
	Emphasis Course ●	3
	Emphasis Course ●	3
TOTAL SPRING 3 UNITS		16

COURSE #	COURSE TITLE	UNITS
FALL 4 ●		
SBE 393	Professional Internship	3
SBE 480	Research Methods	3
	Emphasis Course ●	3
	Elective	3
	Elective	3
TOTAL FALL 4 UNITS		16
SPRING 4 ●		
SBE 498	Senior Capstone	3
ARC 471S	History + Theory of Arch IV: Contemporary Arch	3
	Emphasis Course ●	3
	Elective	3
TOTAL SPRING 4 UNITS		12

● Students are required to select one of the following emphasis areas (6 courses/18 units):

Heritage Conservation | Learn historic preservation and preservation planning to protect and adapt the existing built environment to be more sustainable.

Sustainable Building | Learn building efficiency analysis, passive solar techniques, and net-zero design to create more sustainable buildings.

Sustainable Communities | Learn city and regional planning, including land development, transportation, and urban resilience, to create more sustainable communities.

Sustainable Landscapes | Learn landscape ecology, green infrastructure, water harvesting, and conservation land planning to create sustainable landscapes

Sustainable Real Estate Development | Learn responsible land development and real estate finance to create more sustainable real estate developments

● UA General Education requires one course to have a "diversity" emphasis focus.

● Additional 500-Level course may be taken during this time to prepare for Accelerated Master's Program.

Some elective courses may be fulfilled by emphasis courses taken during the B.S. in Sustainable Built Environments degree.



Sean Kramer

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BACHELOR OF SCIENCE IN SUSTAINABLE BUILT ENVIRONMENTS 2020-2021

EMPHASIS AREAS

Main Campus

SUSTAINABLE BUILDINGS

COURSE #	COURSE TITLE	UNITS
ARC 471F	Introduction to Heritage Conservation	3
ARC 461P	Environmental Science Laboratory	3
ARC 461E	Sustainable Design and the LEED Initiative	3
ARC 461D	Computer Energy Analysis	3
RED 415	Construction and Project Management	3
ARC 461K	Energy and the Environment	3

HERITAGE CONSERVATION

COURSE #	COURSE TITLE	UNITS
ARC 471F	Introduction to Heritage Conservation	3
PLG 408	Planning for Urban Resilience	3
ARC 497J	Doc. & Interpretation of the Hist Built Envir	3
ANTH 440A	Cultural Resource Management	3
AIS 431A	Traditional Ecological Knowledge	3
PLG 464	Preservation Planning Issues	3

SUSTAINABLE COMMUNITIES

COURSE #	COURSE TITLE	UNITS
PLG 401A	Planning Theory and Practice	3
PLG 468	Urban Transportation Planning	3
PLG 476	The Land Development Process	3
PLG 497S	Sustainable Urban Development and Design	3
PLG 472	Land Use Planning Analysis	3
PLG 408	Planning for Urban Resilience	3

SUSTAINABLE REAL ESTATE DEVELOPMENT

COURSE #	COURSE TITLE	UNITS
RED 401	Introduction to Real Estate Finance	3
RED 409	Due Diligence and Entitlements	3
RED 421	Placemaking & Urban Form	3
RED 407	Survey of Responsible Real Estate Devel	3
RED 415	Construction and Project Management	3
PLG 476	The Land Development Process	3

SUSTAINABLE LANDSCAPES

COURSE #	COURSE TITLE	UNITS
LAR 440	History, Theory, & Contemporary Landscape Arch	3
RNR 448	Conservation Planning & Wildland Recreation	3
LAR 423	Landscape Ecology	3
LAR 420	Plant Materials	4
PLG 408	Planning for Urban Resilience	3
PLG 495A	Geodesign: Geographic Info & Tools	3

GENERAL EMPHASIS AREA

6 courses (18 units) from any of the above in consultation with your advisor.

Arizona Online

SUSTAINABLE BUILDINGS

COURSE #	COURSE TITLE	UNITS
ARC 471F	Introduction to Heritage Conservation	3
ARC 461L	Energy Use in Buildings	3
ARC 461M	Energy Efficient Design	3
ARC 461N	Energy Auditing and Modeling	3
RED 415	Construction and Project Management	3
ARC 461K	Energy and the Environment	3

SUSTAINABLE REAL ESTATE DEVELOPMENT

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RED 407	Survey of Responsible Real Estate Devel.	3
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THE UNIVERSITY OF ARIZONA

College of Architecture, Planning
& Landscape Architecture