

SUSTAINABLE DESIGN, BS

for the Bachelor of Science in Sustainable Design

The major in Sustainable Design offers an innovative, interdisciplinary course of study in design, with a focus on building sustainable communities through the intentional design of environmentally sensitive products, buildings, neighborhoods, landscapes and cities.

The program grounds concrete skills development with opportunities to move between disciplinary barriers, allowing students to prepare for the future in a sustainable world where ideas from many disciplines will be necessary to solve the complex problems of pollution reduction, energy conservation, and biodiversity protection in equitable, healthy, and thriving places.

Required introductory coursework provide a solid grounding in design thinking and skills, coupled with a broad understanding of the role of design in achieving sustainable results across scales. Students will apply their skills and knowledge in a required senior capstone project.

With expertise across disciplines, students in this program will be prepared to work in the public and private sector, or continue preparation in a variety of professional graduate programs such as Architecture, Industrial Design, Innovation Design, Landscape Architecture, Urban Design and Urban Planning.

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Code	Title	Hours
General Education Requirements		
	Composition I	4
	Advanced Composition (fulfilled by courses listed below)	3
	Humanities & the Arts (fulfilled by required courses listed below)	6
	Cultural Studies: Western/Comparative Culture(s) (fulfilled by course listed below)	3
	Cultural Studies: Non-Western Culture(s)	3
	Cultural Studies: US Minority Culture(s) (fulfilled by required course listed below)	3
	Natural Sciences and Technology (fulfilled by courses listed below)	6
	Social and Behavioral Sciences (1 is fulfilled by required course listed below)	6
	Quantitative Reasoning I and II	6
	Language Other Than English requirements (https://courses.illinois.edu/gened/DEFAULT/DEFAULT/)	0-12
Total Hours (with Language requirement fulfilled)		28

Code	Title	Hours
Major Requirements		
FAA 101	Arts at Illinois	1
FAA 201	Black Arts Today (Gen Ed: Humanities & the Arts & U.S. Minority Cultures)	3
LA 101	Introduction to Landscape Arch	2
UP 136	Urban Sustainability (Gen Ed: Social & Behav Sci, Social Sciences)	3

ARTD 225 or LA 280	Design Drawing Design Communications I	3
ARCH 171	Concepts and Theories of Architectural Design	3
ARCH 172	Drawing and Modeling	3
FAA 230	Sustainable Design of the Built Environment	3
ARTH 211	Design History Survey (Gen Ed: Humanities & the Arts)	3
ARTD 326	Sustainability & Manufacturing	3
ARCH 321	Environment, Architecture, and Global Health	3
ARTD 451	Ethics of a Designer in a Global Economy	4
FAA 330	Making Sustainable Design	5
FAA 430	Capstone Seminar	3
FAA 431	Capstone Studio	5
Total Hours		47

Code	Title	Hours
Major Electives		
Select 16 credit hours, with at least 10 hours at the 300 or 400-level, and with approval of advisor.		
ARTD 230	Design Thinking/Need-Finding	3
ARTD 270	Design Methods	2
ART 205	Experience & Meaning in Design (Gen Ed: Social & Beh Sci - Beh Sci + Cultural Studies: Western)	3
ART 208	Digital Art and Sustainability (Gen Ed: Humanities & the Arts- LA)	3
ART 310	Design Thinking (Gen Ed: Humanities & the Arts- LA)	3
ARTJ 398	Designing Everyday Life in Modern Japan	3
ARTD 426	Product Innovation	3
ARTS 321	Sustainable Fashion Development and Branding	3
UP 203	Cities: Planning & Urban Life	3
UP 204	Chicago: Planning & Urban Life	3
UP 205	Ecology & Environmental Sustainability (Gen Ed: Natural Sci & Tech)	3
UP 246	International Environmental Planning and Governance	3
UP 340	Planning for Healthy Cities	3
UP 405	Watershed Ecology and Planning	4
UP 406	Urban Ecology	4
UP 418	GIS for Planners	4
UP 420	Plng for Historic Preservation	4
UP 430	Urban Transportation Planning	4
UP 434	Pedestrian and Bicycle Planning	3
UP 437	Public Transportation Planning	3
UP 456	Sustainable Planning Workshop	4
UP 479	Community Engagement in Planning	3
UP 486	Planning with Climate Change	4
UP 494	Special Topics in Planning (section SK Food Systems Planning or PC Planning Colloquium)	1-4

ARCH 210	Introduction to the History of World Architecture	3
ARCH 231	Anatomy of Buildings	4
ARCH 273	Strategies of Architectural Design	3
ARCH 416	The Architecture of the United States, c.1650 to Present	3
ARCH 417	Modern and Contemporary Global Architecture	3
LA 222	Islamic Gardens & Architecture (Gen Ed: Humanities & the Arts -HP + Cultural Studies- Non-West)	3
LA 314	History of World Landscapes (Gen Ed: Advanced Composition + Humanities & the Arts-HP + Cultural Studies- West)	4
LA 370	Environmental Sustainability	3
LA 446	Sustainable Planning Seminar	4
LA 466	Energy & the Built Environment	4
LA 480	Sustainable Design Principles	2

Other courses approved by advisor

Total Hours (minimum) 16

Code Title Hours
Free Electives

Select approximately 26 credit hours with approval of advisor to complete degree requirements.

Code Title Hours
Summary of Credits for Bachelor of Science in Sustainable Design

General Education requirements	28
Language Requirements	0 - 12
Major Requirements	47
Major Electives	16
Free Electives	29
A minimum of 40 credits at the 300 or 400 course level are required	
Total Hours for Bachelor of Science in Sustainable Design	120

This sample sequence is intended to be used only as a guide for degree completion. All students should work individually with their academic advisors to decide the actual course selection and sequence that works best for them based on their academic preparation and goals. Enrichment programming such as study abroad, minors, internships, and so on may impact the structure of this four-year plan. Course availability is not guaranteed during the semester indicated in the sample sequence.

Students must fulfill their Language Other Than English requirement by successfully completing a third level of a language other than English. This may require up to three semesters of language depending on high school coursework or placement. See the corresponding section on the Degree General and Education Requirements page: <http://catalog.illinois.edu/general-information/degree-general-education-requirements/>.

First Year			
First Semester	Hours	Second Semester	Hours
FAA 101		1 UP 136	3
ARCH 171		3 General Education course	3
LA 101		2 General Education course	3
Comp. I or Language Other than English (3rd level)		4 Comp. I or Language Other than English (3rd level)	4
General Education course		3 Free Elective course	1
General Education course		3	
		16	14

Second Year			
First Semester	Hours	Second Semester	Hours
FAA 230		3 FAA 330	5
ARCH 273		3 ARTH 211	3
ARTD 225 or ARCH 172		3 General Education course	3
General Education course		3 General Education course	3
Free Elective course		3 Free Elective course	1
		15	15

Third Year			
First Semester	Hours	Second Semester	Hours
ARCH 321		3 ARTD 326	3
SD Major Elective		3 SD Major Elective	4
SD Major Elective		3 SD Major Elective	3
General Education course		3 General Education course	3
Free Elective course		3 Free Elective course	2
		15	15

Fourth Year			
First Semester	Hours	Second Semester	Hours
FAA 430		3 FAA 431	5
ARTD 451		4 General Education course	3
SD Major Elective		3 Free Elective course	7
Free Elective course		5	
		15	15

Total Hours 120

for the Bachelor of Science in Sustainable Design

Bachelor of Science in Sustainable Design
College of Fine and Applied Arts Office of Undergraduate Affairs
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Program Coordinator: Professor Karin Hodgin-Jones
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Program Website: <https://faa.illinois.edu/bachelor-science-sustainable-design> (<https://faa.illinois.edu/bachelor-science-sustainable-design/>)

Program Email: sustaindesign@illinois.edu (sustaindesign@illinois.edu)

College Website: <https://faa.illinois.edu/>