

CERTIFICATE OF UNDERGRADUATE STUDY
IN
SUSTAINABLE URBANISM

Program Guide

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Two global imperatives make knowledge of sustainable urbanism a critical topic in the 21st century: first, the majority of the world's population is now urban; and second, the cumulative effects of urban life are generating the most pressing global environmental problems facing humanity. Cities, in short, are both the cause of major environmental problems and the solution. With our population expected to reach 9.6 billion by 2050, humanity's future is hinged upon our ability to make cities sustainable: the capacity to meet the needs of the present, without compromising the needs of future generations. To support humanity in the 21st century, we must re-think the processes of urban environments in regards to both their built form and social practices. This Certificate of Undergraduate Study (CUGS) emphasizes the social and place-based dimensions of sustainability, from issues of social equity to the role of communication technologies and aesthetics. Students in disciplines such as business, engineering, political science, psychology, communication, the natural sciences, and education will be exposed to key concepts, practices, and technologies in sustainability and their application to urban environments. This certificate in sustainable urbanism will position students from diverse disciplines for employment in the burgeoning green economy.

Certificate of Undergraduate Study in Sustainable Urbanism 12 s.h.
Requirements

	Course Number	Course Title	Semester Taken	S.H.
1	PLAN 31280	Intro to City Planning		3 s.h.
2	Program elective #1			
3	Program elective #2			
4	Program elective #3			

Students must take **any three** courses from the following list (9 s.h.):

ENST 94102 Human Nature: Intro to Environmental and Sustainability Studies (3 s.h.)

ENST 94201 Sustainability Assessment (3 s.h.)

ENST 94302 Technology and the Environment (3 s.h.)

ENST 94400 Environmental Impact Assessment (3 s.h.)

GEOG 16302 Urban Geography (3 s.h.)

GEOG 16301 Natural Resources, Capitalism, and Society (3 s.h.)

GEOG 16304 Population Geography (3 s.h.)

GEOG 16307 Transportation Planning and Policy (3 s.h.)

GEOG 16308 Sensing the Sustainable City (3 s.h.)

GEOG 16309 Smell Studio: Art, Nature, Place (3 s.h.)

GEOG 16312 Cultural Landscapes (3 s.h.)

GEOG 16333 Suburbia: People, Place, and Politics (3 s.h.)

PLAN 31387 Food Systems Planning (3 s.h.)

PLAN 31389 Environmental / Sustainable Planning (3 s.h.)

PLAN 31486 Community Planning, Engagement, and Design (3 s.h.)

To be awarded the CUGS in Sustainable Urbanism, students must complete all courses required for the CUGS in Sustainable Urbanism with at least a 2.0 average. This CUGS is restricted to students not enrolled in the Community & Environmental Planning B.S. or Minor programs.