SUSTAINABLE ENVIRONMENTAL DESIGN, BACHELOR OF SCIENCE

College of Agricultural & Environmental Sciences

Program Office
131 Hunt Hall; 530-752-1805; Sustainable Environmental Design (http://humanecology.ucdavis.edu/lda/academic_programs/sed/); Faculty (https://humanecology.ucdavis.edu/people/?first=&last=&title=&unit=Landscape%20Architecture%20%20Environmental%20Design&field_sf_person_type_target_id%5B0%5D=26)

The Major Program
The Sustainable Environmental Design major is intended to build student understanding and skills related to creation of sustainable communities and landscapes. Coursework emphasizes urban and environmental design, sustainable development theory & practice, green building, local government planning & decision-making, community dynamics & organizations, and written, graphic, and oral presentation of sustainability strategies.

The Program
The Sustainable Environmental Design major is particularly suited for students who are interested in the physical form & design of communities and related public & private processes. It is focused on the physical environment of communities and the process of designing, planning for, and regulating the built landscape and the place-making considerations involved in creating sustainable communities.

Advising Center
See Jana Krezo (skrezo@ucdavis.edu) (Snjezana J Krezo); 530-752-9322

Lead Faculty Advisor
N. Claire Napawan (ncnapawan@ucdavis.edu)

Career Alternatives
Graduates will choose to pursue work in government, community organizations, education, or the private sector. They will also be well-positioned to pursue graduate education in city & regional planning, landscape architecture, architecture, public policy, public administration, law, real estate, and related fields.

Courses in Sustainable Environmental Design

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Preparatory Subject Matter</td>
<td></td>
<td></td>
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<tr>
<td>English Writing/Oral Communication—Also counts toward English Composition Requirement (<a href="https://caes.ucdavis.edu/students/advising/academic-planning/bachelors-degree-requirements/">https://caes.ucdavis.edu/students/advising/academic-planning/bachelors-degree-requirements/</a>)</td>
<td>8</td>
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<tr>
<td>BIS 002B</td>
<td>Introduction to Biology: Principles of Ecology &amp; Evolution</td>
<td>5</td>
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<tr>
<td>Choose one 4 unit course each in:</td>
<td>20</td>
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Statistics (STA) (https://catalog.ucdavis.edu/courses-subject-code/sta/)
Economics (ECN) (https://catalog.ucdavis.edu/courses-subject-code/ecn/)
Political Science (POL) (https://catalog.ucdavis.edu/courses-subject-code/pol/)
Sociology (SOC) (https://catalog.ucdavis.edu/courses-subject-code/soc/)
Physical Sciences:
  Astronomy (AST) (https://catalog.ucdavis.edu/courses-subject-code/ast/)
  Chemistry (CHE) (https://catalog.ucdavis.edu/courses-subject-code/che/)
  Geology (GEL) (https://catalog.ucdavis.edu/courses-subject-code/gel/)
  Physics (PHY) (https://catalog.ucdavis.edu/courses-subject-code/phy/)
Soil Science (SSC) (https://catalog.ucdavis.edu/courses-subject-code/ssc/)
LDA 001 | Introduction to Environmental Design | 4
LDA 002 | Place, Culture & Community | 4
LDA 003 | Sustainable Development: Theory & Practice | 4
LDA 021 | Landscape Representation I | 4
LDA 030 | History of Environmental Design | 4
LDA 050 | Site Ecology | 4
LDA 070 | Introduction to Spacemaking | 4
Preparatory Subject Matter Subtotal | 61

Depth Subject Matter
LDA 140 | Green Building, Design, & Materials | 4
LDA 141 | Community Participation & Design | 4
LDA 142 | Applying Sustainable Strategies | 6
ESP 171 | Urban & Regional Planning | 4
LDA 190 | Proseminar in Landscape Architecture (Two quarters for 2 units total.) | 2
Depth Subject Matter Subtotal | 20

Restricted Electives
Choose 20 units of upper division courses chosen from courses related to Community Sustainability.
Internship; recommended | 0-5
Restricted Electives Subtotal | 20-25

Total Units | 101-106