Courses in Sustainable Agriculture and Food Systems (SAF)

Lower Division

92. Internship (1-12)
Internship—3-36 hours. Prerequisite: consent of instructor. Restricted to Sustainable Agriculture and Food Systems majors or with consent of instructor. Lower-division internship for students enrolled in the Sustainable Agriculture and Food Systems program of study. Enrollment for non-majors by consent of instructor. May be repeated up to 12 units for credit with consent of instructor. (P/NP grading only.)—I, II, III. (I, II, III.)

98. Directed Group Study (1-5)
Prerequisite: consent of instructor. Restricted to Sustainable Agriculture and Food Systems major or with consent of instructor. Group study on focused topics in Sustainable Agriculture and Food Systems. Varies according to instructor. Course plan is adapted to student need and interest in conjunction with the expertise of the instructor. Offered irregularly. (P/NP grading only.)—I, II, III. (I, II, III.)

99. Special Study for Undergraduates (1-5)
Independent study—3-15 hours. Prerequisite: consent of instructor. Under faculty supervision, students pursue a special or individualized course of study related to Sustainable Agriculture and Food Systems. May be repeated for credit. (P/NP grading only.)—I, II, III. (I, II, III.)

Upper Division

192. Internship (1-12)
Internship—3-36 hours. Prerequisite: upper-division standing for instructor. Restricted to Sustainable Agriculture and Food Systems majors or with consent of instructor. Upper-division internship for students enrolled in the Sustainable Agriculture and Food Systems Program of study. Enrollment for non-majors by consent of instructor. May be repeated up to 12 units for credit. (P/NP grading only.)—I, II, III. (I, II, III.)

197T. Tutoring in Sustainable Agriculture and Food Systems (1-5)
Tutorial—3-15 hours. Prerequisite: upper division standing; consent of instructor. Undergraduates assist the instructor by tutoring students in regularly scheduled courses that fulfill SAFS major requirements. May be repeated for credit. Offered irregularly. (P/NP grading only.)—I, II, III. (I, II, III.)

197C. S&AFS Tutoring in the Community (1-5)
Tutotorial—3-15 hours. Prerequisite: upper division standing; consent of instructor. Undergraduates assist the instructor by tutoring the community in settings related to Sustainable Agriculture and Food Systems. May be repeated for credit. Offered irregularly. (P/NP grading only.)—I, II, III. (I, II, III.)

198. Directed Group Study (1-5)
Prerequisite: upper division standing; consent of instructor. Restricted to Sustainable Agriculture and Food Systems major or with consent of instructor. Group study on focused topics in Sustainable Agriculture and Food Systems. Varies according to instructor. Course plan is adapted to student need and interest in conjunction with the expertise of the instructor. May be repeated for credit. Offered irregularly. (P/NP grading only.)—I, II, III. (I, II, III.)

199. Special Study for Advanced Undergraduates (1-5)
Independent study—3-15 hours. Prerequisite: upper division standing; consent of instructor. Under faculty supervision, advanced students pursue a special or individualized course of study related to Sustainable Agriculture and Food Systems. May be repeated for credit. (P/NP grading only.)—I, II, III. (I, II, III.)

Sustainable Environmental Design

[College of Agriculture and Environmental Sciences] [Department of Human Ecology]
Patsy Eubanks Owens, M.L.A., Chairperson, Human Ecology
Department Office. 131 Hunt Hall; 530-752-3907; http://sed.ucdavis.edu

Faculty
Elizabeth Boults, MLA Continuing Lecturer
David de la Pena, Ph.D., Assistant Professor
Steven E. Greco, Ph.D., Associate Professor
Eric Larsen, Ph.D., Associate Research Scientist
Jeff Loux, Ph.D., Associate Adjunct Professor
Bret Milligan, M.L.A., Assistant Professor
N. Claire Napawan, M.L.A., Assistant Professor
Lorence Oki, Ph.D., Associate Specialist in Cooperative Extension
Patsy Eubanks Owens, M.L.A., Professor
Michael Rios, Ph.D., Associate Professor
Phillip Arntzen, Ph.D., Associate Professor
Shirley Halliman, M.L.A., Assistant Professor

The 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 and practice, green building, local government planning and decision-making, community dynamics and organizations, and written, graphic, and oral presentation of sustainability strategies.

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 and regional planning, landscape architecture, architecture, public policy, public administration, law, real estate, and related fields.

B.S. Major Requirements:

<table>
<thead>
<tr>
<th>Preparatory Subject Matter</th>
<th>UNITS</th>
</tr>
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<tbody>
<tr>
<td>English/Writing/Oral Communication</td>
<td>8</td>
</tr>
<tr>
<td>Biological Sciences 2A, 2B</td>
<td>9</td>
</tr>
<tr>
<td>One course each in Statistics, Economics, Political Science, Physical Sciences, and Sociology</td>
<td>20</td>
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<tr>
<td>Landscape Architecture 1, 2, 3, 21, 30, 50</td>
<td>70</td>
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<tr>
<td>Depth Subject Matter</td>
<td>21</td>
</tr>
<tr>
<td>Landscape Architecture 140, 141, 142, 143</td>
<td>14</td>
</tr>
<tr>
<td>Environmental Science and Policy 171</td>
<td>4</td>
</tr>
<tr>
<td>Landscape Architecture 190 (three quarters)</td>
<td>3</td>
</tr>
<tr>
<td>Restricted Electives</td>
<td>20-25</td>
</tr>
<tr>
<td>Select 20 units of upper division courses chosen from courses related to community sustainability</td>
<td>20</td>
</tr>
<tr>
<td>Internship: Recommended</td>
<td>5</td>
</tr>
<tr>
<td>Total units for the major</td>
<td>104-109</td>
</tr>
<tr>
<td>Major Adviser, Stephen Wheeler</td>
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</tbody>
</table>
Advising Center is located in 135 Hunt Hall; 530-754-8628

Quarter Offered: I-Fall, II-Winter, III-Spring, IV-Summer, 2015-2016 offering in parentheses.

Technocultural Studies

See Cinema and Technocultural Studies, on page 195.

Textile Arts and Costume Design

See Design, on page 219.

Textile Science

See Fiber and Polymer Science, on page 311.

Textiles (A Graduate Group)

Gang Sun, Ph.D., Chairperson of the Group
Group Office. 129 Everson Hall
530752-8035; jblevins@ucdavis.edu
http://textiles.ucdavis.edu

Faculty
Susan Avila, M.F.A., Professor (Design)
Colin A. Carter, Ph.D., Professor (Agricultural and Resource Economics)
James Chaliant, Ph.D, Professor (Agricultural & Resource Economics)
Hidgeride Heymann, Professor (Textile and Apparel)
You-Lo Hsieh, Ph.D., Professor (Textiles and Clothing)
Jarl Johnson, Professor (Psychology)
Susan B. Kaiser, Ph.D., Professor (Textiles and Clothing, Women and Gender Studies)
Ning Pan, Ph.D., Professor (Textiles and Clothing, Biological and Agricultural Engineering)
Tingrui Pan, Ph.D, Associate Professor (Biomedical Engineering)
Diana Strazdes, Associate Professor (Art History)
Gang Sun, Ph.D., Professor (Textiles and Clothing)
Susan Verba, M.F.A., Associate Professor (Design Program)

Emeriti Faculty
Stephen Jett, Ph.D., Professor Emeritus (Textiles and Clothing, Geography)
Gyongy Laky, M.A., Professor Emeritus (Textiles and Clothing)
Maregh H. Rucker, Ph.D., Professor Emeritus (Textiles and Clothing)
Howard G. Schultz, Ph.D., Professor Emeritus (Consumer Science)
James F. Shoemaker, Ph.D., Professor Emeritus (Chemical Engineering and Materials Science)
Charles E. Shoemaker, Ph.D., Professor Emeritus (Food Science and Technology)
Jo Ann C. Stapp, M.A., Senior Lecturer Emeritus (Design)
S. Haig Zeronian, Ph.D., Professor Emeritus (Textiles and Clothing)

Graduate Study: The Graduate Group in Textiles offers a program of study and research leading to the M.S. degree. Students in the program use an interdisciplinary approach emphasizing the physical and behavioral science aspects of textiles. Research areas include chemical, physical, biochemical, and mechanical properties of fibers and polymers as well as performance characteristics of textiles.