Sustainable Environmental Design 567

Select one course from: Animal Science 129, Environmental Horticulture 160 or, Environmental Science and Policy 100, Evolution and Ecology 101, Plant Sciences 105, 142, Wildllife, Fish, and Conservation Biology 154

Advisors: T. Tomich restricted elective courses chosen in consultation with the track faculty adviser.

Track II: Food and Society
Focuses on issues related to the social, cultural, political and community development aspects of agriculture and food systems.

Track II Adviser, R. Galt, Ph.D.

Preparatory Subject Matter

Preparatory Subject Matter............57-64
Philosophy 5 or 31..........................4
Select one course from: Philosophy 14, 15, 24 ........................................ 4
Sociology 46B or Statistics 13 ...............4
Select at least one course from: Community and Regional Development 151, Applied Biological Systems Technology 180, Landscape Architecture 150, Statistics 103, Sociology 109, 302, Sociology 351, 362 ........................................ 3-6
Chemistry 2A ..................................5
Biological Sciences 2A or 10 ...............5
Plant Sciences 2 ................................4
Select one course from: Evolution and Ecology 2 or Biological Sciences 28 or Environmental Science and Policy 1 or 30 or Wildlife, Fish, and Conservation Biology 10 or 11 ................................................ 5-6
Food Science 1 ................................3
Soil Science 10 ................................3
Economics 1A ..................................4
Political Science 1 or 4 ......................4
Select one course from: Anthropology 2, Sociology 1 ..................................4-5
Community and Regional Development 1, 2, 4, 4 or 5 ........................................ 4-5

Depth Subject Matter

Agricultural and Resource Economics 112 or 150 ........................................ 3-4
Select one course from: Agricultural and Resource Economics 147, 176, Environmental Science and Policy 160, 161, 169, 172, 179 ................................................ 3-4
Choose 12 units from: Anthropology 101, 102, Community and Regional Development 142, 152, Sociology 139, 144, 145A, 145B ................................................ 12
Select 1 course from: American Studies 101C, 155, 156, 157, 172 or Philosophy 109 ................................................ 4
Additional upper-division restricted electives chosen in consultation with the track faculty adviser.

Track III: Economics and Policy
Focuses on issues related to agricultural and resource economics, policy and management.

Track III Adviser, T. Tomich, Ph.D.

Preparatory Subject Matter

Preparatory Subject Matter............60-64
Mathematics 16A, 16B ........................6
Sociology 46B or Statistics 13 ...............4
Select one course from: Agricultural and Resource Economics 106, Statistics 103, Sociology 106 ..................................4
Chemistry 2A ..................................5
Biological Sciences 2A or 10 ...............5
Plant Sciences 2 ................................4
Select one course from: Evolution and Ecology 2, Biological Sciences 28, Environmental Science and Policy 1, 30, Wildlife, Fish, and Conservation Biology 10, 11 ................................................ 5-6
Food Science 1 ................................3
Soil Science 10 ................................3
Economics 1A, 18 ......................... 8
Political Science 4 ............................4
Select one course from: Anthropology 2, Sociology 1 ..................................3-4-5
Community and Regional Development 1 ........................................ 4
Select 1 course from: Philosophy 14, 15, 24 ........................................ 4

Depth Subject Matter

Agricultural and Resource Economics 122 or 150 ........................................ 3-4
Select one course from: Agricultural and Resource Economics 147, 176, Environmental Science and Policy 160, 161, 169, 172, 179 ................................................ 3-4
Choose 12 units from: Anthropology 101, 102, Community and Regional Development 142, 152, Sociology 139, 144, 145A, 145B ................................................ 12
Select 1 course from: American Studies 101C, 155, 156, 157, 172 or Philosophy 109 ................................................ 4
Additional upper-division restricted electives chosen in consultation with the track faculty adviser.

贫困环境设计

(College of Agriculture and Environmental Sciences)
(Department of Human Ecology)
Steven E. Greco, Ph.D., Chairperson, Landscape Architecture and Environmental Design Program

Program Offer, 131 Hunt Hall, 530-752-3907, http://humanecology.ucdavis.edu/laa/academic_programs/ed

Faculty

Elizabeth Boultz, M.L.A, Continuing Lecturer
David de la Pena, Ph.D., Assistant Professor
Steven E. Greco, Ph.D., Professor
Eric Larsen, Ph.D., Associate Research Scientist
Jeff Loux, Ph.D., Associate Adjunct Professor
Brett Milligan, M.L.A., Assistant Professor
N. Claire Napawan, M.L.A., Assistant Professor
Loren Oki, Ph.D., Associate Specialist in Cooperative Extension
Paty Eubanks Owens, M.L.A., Professor
Michael Rosi, Ph.D., Assistant Professor
Sheryl-Ann Simpson, M.L.A., Assistant Professor

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 and practice, green building, local government planning and decision-making, community dynamics and 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 and design of communities and related public and private processes. It is focused on the physical nature of textile products and the process of designing, planning for, and regulating the built landscape and the place-making considerations involved in creating sustainable communities.

Career Alternatives
Graduates who 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:

Preparatory Subject Matter ........................................ 64

English Writing/Oral Communication.......................... 8

Biological Sciences 2A, 2B, 2C .................................... 10

One course each in Statistics, Economics, Political Science, Physical Sciences, and Sociology........................................ 20

Landscape Architecture 1, 2, 3, 21, 30, 50, 70 ........................................ 26

Depth Subject Matter .................................................. 21

Landscape Architecture 140, 141, 142, 143 .......................... 14

Environmental Science and Policy 171 .......................... 4

Landscape Architecture 190 (three quarters) ................. 3

Restricted Electives.................................................. 20-25

Select 20 units of upper division courses chosen from courses related to community sustainability .................................................. 20

Internship. Recommended ........................................... 5

Total units for the major ............................................. 105-110

Major Adviser. Stephen Wheeler
Advising Center. See Sharla Cheney, 135 Hunt Hall, 530-754-8628, scheney@ucdavis.edu.

Technocultural Studies

See Cinema and Digital Media, on page 207.

Textile Arts and Costume Design

See Design, on page 233.

Textile Science

See Fiber and Polymer Science, on page 338.

Textiles (A Graduate Group)

Ning Pan, Ph.D., Chairperson of the Group
Group Office. 129 Everson Hall
530-752-8035, nerabaud@ucdavis.edu
http://textiles.ucdavis.edu

Faculty

You-Lo Hsieh, Ph.D., Distinguished Professor (Textiles and Clothing)
Susan B. Kass, Ph.D., Professor (Textiles and Clothing)
Helen Koo, Assistant Professor (Design)
Ning Pan, Ph.D., Professor (Textiles and Clothing, Biological & Agricultural Engineering)
Tingrui Pan, Ph.D., Associate Professor (Biomedical Engineering)
Diana Strazdas, 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)
J. T. Johnson, Professor (Psychology)
G Yongyi Laky, M.A., Professor Emeritus (Textiles and Clothing)
Margaret H. Rucker, Ph.D., Professor Emeritus (Textiles and Clothing)
Howard G. Schutz, Ph.D., Professor Emeritus (Consumer Science)
James F. Shackelford, Ph.D., Professor Emeritus (Chemical Engineering and Materials Science)
Charles F. Shoemaker, Ph.D., Professor Emeritus (Food Science and Technology)
Jo Ann C. Stabb, M.A., Senior Lecturer Emeritus (Design)
S. Haig Zeronian, Ph.D., Professor Emeritus (Textiles and Clothing)

Graduate Study. The Graduate Program 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 fibrous assemblies, including composites, paper, and nonwovens; and psychological and sociological factors relating to perception and consumption of textiles and apparel. Extensive specialized fiber, polymer, and textiles research facilities and a behavioral research laboratory are available. For detailed information regarding the program, address the Chairperson of the Group.

Graduate Advisers. Y.L. Hsieh, N. Pan

Textiles and Clothing

[College of Agricultural and Environmental Sciences]

You-Lo Hsieh, Ph.D., Chairperson of the Division
Division Office, 129 Everson Hall

Faculty

You-Lo Hsieh, Ph.D., Professor
Susan B. Kass, Ph.D., Professor
J. T. Johnson, Professor (Psychology)
G Yongyi Laky, M.A., Professor Emeritus
Margaret H. Rucker, Ph.D., Professor Emeritus
S. Haig Zeronian, Ph.D., D Sc., Professor Emeritus

Emeriti Faculty

Stephen C. Jett, Ph.D., Professor Emeritus
G Yongyi Laky, M.A., Professor Emeritus
Mary Ann Morris, Ph.D., Professor Emeritus
Margaret H. Rucker, Ph.D., Professor Emeritus
S. Haig Zeronian, Ph.D., D Sc., Professor Emeritus

The Major Program

The textiles and clothing major emphasizes the connections among (a) the physical characteristics of textile products, (b) human perceptions of and behavior toward these products, and (c) global economic trends affecting the textile/apparel marketplace. An integrative knowledge base links textile products with people and processes, to focus on the production, distribution, and consumption of textiles and apparel; see also Fiber and Polymer Science, on page 338.

The Program. The textiles and clothing major offers two options: textiles science and marketing/economics. The Textiles Science option emphasizes students with a broad knowledge base in both the social and physical sciences. This base includes production, end-use applications and care of textiles and apparel, physical and chemical properties of textiles, and social-psychological and economic aspects of textiles and clothing. The Marketing/Economics option emphasizes social science and business course work, while allowing students with an awareness of the physical nature of textile products.

Internships and Career Alternatives. Textiles and clothing majors can pursue internships and careers in apparel production and merchandising, retail management, international marketing, textile testing and conservation, and textiles journalism. The majority of majors in textiles and clothing graduates accept entry-level management and technical positions within the textile and apparel industry or in related fields; e.g., merchandising and marketing, product development, technical service and design. Students may also pursue graduate studies in textiles, business, and other areas depending on their specific selections of restricted elective course work.

B.S. Major Requirements:

Preparatory Subject Matter ........................................ 42-44

English Writing/Oral Communication.......................... 8

Economics 1A-1B ........................................... 8

Sociology 101, 112, 113, 123, 126, 127, 128 .......................... 1

Physics 1A or 10A ........................................ 4

Psychology 1 ........................................... 4

Sociology 2 ........................................... 4

Statistics 13 ............................................ 4

Textiles and Clothing 6, 7A, 7B ................................ 12

Select one of the following two options:

Marketing/Economics option

Additional Preparatory Subject Matter for the option .......... 18-19

Management 11A, 11B ........................................ 8

Chemistry 10 or 2A ................................... 4-5

Mathematics 16A, 16B ..................................... 6

Depth Subject Matter ........................................ 36-57

Agricultural and Resource Economics 100A-100B, 106, 136 .......................... 3-4

Statistics 103 ........................................... 4

Psychology 151 or Consumer Science 100 .......................... 3-4

Fiber and Polymer Science 110, Textiles and Clothing 107, 162, 162L, 163, 163L, 164, 165, 171, 173, 174 .......................... 33

Restricted Electives.................................................. 12

Courses selected from the following:

Agricultural and Resource Economics 18, 112, 142, 155, 157, 171A, 171B, Anthropology 122A, 126A, Consumer Science 100, Design 77, 107, 143, Economics 101, 121A, 121B, 134, 162, 166, 186, 204, 230, 293, with consent of instructor, and a maximum of five units in either Textiles and Clothing 192 or 199.

Textile Science option

Additional Preparatory Subject Matter for the option .......... 19

Chemistry 2A, 2B, 8A .................................. 8

Mathematics 16A ........................................ 3

Depth Subject Matter ........................................ 51-52

Agricultural and Resource Economics 112, 113 .......................... 8

Design 143 ........................................... 4