Courses in Jewish Studies (JST)

Lower Division
10. Introduction to Jewish Cultures (4) Lecture—3 hours; term paper. Diverse Jewish cultures created over the past 2,000 years using examples from less-familiar communities such as India, China, and Ethiopia. Topics include the tensions between homeland/diaspora and questions of identity (race, nationality, culture, or religion). GE credit: SocSci, Div Wrt | SS, WC, WE. —II. [III]

11. Topics in Jewish Thought (4) Lecture/discussion—3 hours; extensive writing. Prerequisite: course 10 or Religious Studies 23 or consent of instructor. Selected themes in Jewish thought in historical and social perspective. This course traces the historical development of topics in Jewish thought such as Messianism, or focuses on one specific historical period, such as modern Jewish thought. May be repeated for credit when topic differs. GE credit: ArtHum, Div Wrt | AH, OL, WC, WE.—II. [III]

12. Selected Topics in Jewish Literature (4) Lecture/discussion—3 hours; extensive writing. Prerequisite: one lower division literature or Jewish Studies course or consent of instructor. Literature written about the Jewish experience, treated in its historical and social context. Examines literature written in various languages, such as English, Hebrew, or Yiddish, or a theme, such as gender or modern identities, as expressed in different literary traditions. May be repeated for credit when topic differs. GE credit: ArtHum, Div Wrt | AH, WC, WE.—II. [III]

111. Israeli Writing Since 1960 (4) Lecture/laboratory—3 hours; extensive writing. Prerequisite: one course in American or European literature. Comparative Hebrew literature, in translation, in relation to post-independence debates about religious, social, and political identity of the Jewish state; literary reflections of Israeli ethnic diversity and conceptions of Israel as modern Hebrew poetry and postmodern experiments in fiction. Not open for credit to students who have completed Humanities 119. Offered in alternate years. GE credit: ArtHum, Div Wrt | AH, WC, WE.—II. [III]

112. Readings in Jewish Writing and Thought in German Culture (4) Lecture/discussion—3 hours; term paper. Prerequisite: Religious Studies 23 or consent of instructor. Historical tradition of Jewish thought in the German cultural context; unique contributions of Jewish writers to culture of the German-speaking world; what it means to be “other” in the mainstream culture. No credit will be given to those students who have completed Humanities 121. May be repeated two times for credit if topic differs. Offered in alternate years. (Same course as German 116.) GE credit: ArtHum, Div Wrt | AH, OL, WC, WE.—II. [III]

120. Cinema and the American Jewish Experience (4) Lecture/discussion—3 hours; film viewing—3 hours. Prerequisite: one course in American or European literature recommended. Examination of American cinema to reveal how Jewish identity is expressed and submer ged, tracing the relations between religion, identity, race, politics, and art. Not open for credit to students who have completed Humanities 122. Offered in alternate years. GE credit: ArtHum, Div Wrt | AH, WE.—I.

121. Oral History and Jewish Life (4) Lecture/discussion—3 hours; term paper. Oral history methodologies and application to an in-depth oral history interview about Jewish life. Topics include oral history practices and ethics, immigration, migration, religious practice, ethnic relations, and community organization structures. Not open for credit to students who have completed Humanities 123. GE credit: SocSci, Wrt | SS.—III.

Land, Air, and Water Resources

(University of California, Davis)

Lectures—3 hours; term paper. Prerequisite: Religious Studies 23 or consent of instructor. Historical tradition of Jewish thought in the German cultural context; unique contributions of Jewish writers to culture of the German-speaking world; what it means to be “other” in the mainstream culture. No credit will be given to those students who have completed Humanities 121. May be repeated two times for credit if topic differs. Offered in alternate years. (Same course as German 116.) GE credit: ArtHum, Div Wrt | AH, OL, WC, WE.—II. [III]

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Land, Air and Water Resources is a multidisciplinary department with faculty who specialize in atmospheric science, environmental and natural resources. The faculty contribute to numerous other undergraduate and graduate programs in the Colleges of Letters and Science, Engineering, and Agricultural and Environmental Sciences.

**Major Programs.** Undergraduates in the departments in Atmospheric Science, Environmental and Natural Resources, Environmental Science and Management, and Hydrology, and Soil and Water Science; see http://lawr.ucdavis.edu/academic_programs.htm.

**Undergraduate Advising Center** is located in 1150 Plant and Environmental Sciences Building, 530-752-1603.

**Graduate Study.** Graduate work is offered in the area of Atmospheric Science, Hydrologic Sciences, and Soil and Biogeochemistry. For detailed information, call 530-752-1669 or see http://lawr.ucdavis.edu/academic_programs.htm.

**Courses.** See courses listed under Atmospheric Science, Hydrologic Sciences, Hydrology, Environmental Resources, Environmental Science and Management, and Soil Science. See also the websites listed above.

### Landscape Architecture

College of Agricultural and Environmental Sciences

- Department of Human Ecology
- Patsy Eubanks Owens, M.L.A., Chairperson, Human Ecology
- Lorence Oki, Ph.D., Associate Specialist in Landscape Architecture

**Department Office.** 131 Hunt Hall 530-752-3207; http://lida.ucdavis.edu

**Faculty**

- Elizabeth Boult, M.L.A., Continuing Lecturer
- Steven E. Greco, Ph.D., Associate Professor
- Eric Larsen, Ph.D., Associate Professor
- Brett Milligan, M.L.A., Assistant Professor
- N. Claire Napawan, M.L.A., Assistant Professor
- Mark Francis, M.L.A., Professor Emeritus
- DeLancey McNiel, M.L.A., Senior Lecturer
- Edward S. McNiel, M.L.A., Professor Emeritus
- Robert L. Thayer, Jr., M.A., Professor Emeritus

**Emeriti Faculty**

- Mark Francis, M.L.A., Professor Emeritus
- Don MacCannell, Ph.D., Professor Emeritus
- Heath Massey, M.F.A., Professor Emerita
- Byron McCutley, B.S.L.A., Continuing Lecturer
- Eric Larsen, Ph.D., Associated Adjunct Professor
- Sheryl-Ann Simpson, Ph.D., Assistant Professor
- Stephen Wheeler, Ph.D., Associate Professor

**The Major Program**

Landscape architecture is the planning and design of land areas where human use requires adaptation or conservation of the environment and the people who use and shape it. They are capable of solving physical problems, and are able to visualize and think in terms of spaces and three-dimensional concepts. The program is fully accredited by the Landscape Architecture Accreditation Board (LAAB) which is the only organization professionally sanctioned to grant landscape architectural accreditations in the United States. The program was last reviewed in 2012.

**The Program.** The curriculum balances creativity and visual and spatial skills with technical expertise and a thorough background in physical, natural, and social sciences. Students develop proficiency at problem solving relating to design of parks, public spaces, energy-efficient neighborhoods, land reclamation projects, city and regional planning, and landscape planning for wilderness and scenic regions, coastal and riparian environments, and agricultural landscapes. The program stresses a process-oriented approach to design and emphasizes environmental and community values.

**Preparatory Requirements.** Students are admitted to the landscape architecture major only after submitting a portfolio selection by the faculty. Contact the Landscape Architecture Advising Office for further information in 135 Hunt Hall 530-754-8628.

**Career Alternatives.** Graduates may find jobs in private landscape architectural firms or public agencies, non-profit organizations, and corporations employing landscape architects. The landscape architecture major provides the student with excellent preparation for graduate school or career development in a wide range of environmental and design-related fields.

**B.S. Major Requirements:**

**Preparatory Subject Matter: 75-78**

- English Writing 1-4
- Communication 1-4
- Biological Sciences 2A, 2B
- 5
- Environmental Horticulture 6
- One course from: Mathematics 16A; Statistics 13; Computer Science 10
- 3
- One course from: Chemistry 2A, 10; Physics 1A, 10; Geology 1; Geophysics 1, or Soil Science 103
- 5
- Two courses satisfying Social Sciences general education requirement
- 8
- Two courses satisfying Arts and Humanities general education requirement
- 8
- Landscape Architecture 1, 2, 3, 21, 30, 50, 60, 70
- 32

**Depth Subject Matter: 61**

- Landscape Architecture 160, 161, 170, 171
- Three studios from Landscape Architecture 191
- Honors alternative: two studios from Landscape Architecture 191; Landscape Architecture 102, Honors Thesis (landscape Architecture 109); 20
- Landscape Architecture 120 or 150
- Landscape Architecture 190
- Psychology 132
- 8
- Restricted Electives: 20
- Select 20 units of upper division courses in consultation with adviser
- 20

**Total Units for the Major: 158**

**Major Adviser.** Stephen Wheeler

**Advising Center** is located in 135 Hunt Hall 530-754-8628.

**Graduate Study.** Graduate-level landscape architecture courses are available to students pursuing graduate programs compatible with or directed toward landscape management, planning, and design issues. Department faculty are active members of various professional organizations and anxiety development, Geography, Transportation Technology and Policy and Ecology. Faculty members have expertise in many areas, including landscape history, social theory, human population regulation, community structure, ecological concepts, including nutrient dynamics, community participation in urban landscape design, landscape ecology, resource management, bioregionalism, and regenerative landscape systems.

Graduate students pursue more focused interests, expanding their professional expertise and/or continuing advanced research in landscape architecture or related disciplines.

### Courses in Landscape Architecture (LDA)

**Lower Division**

1. **Introduction to Environmental Design (4)**
   - Lecture—3 hours; discussion—1 hour; term paper
   - Introduction to the role of design professionals in contributing to the built environment at a range of scales. Introduction to basic methods used by design professionals to evaluate design, plan, and manage landscapes and the built environment. Not open for credit to students who have taken course 40. GE credit: ArtHum or SciEng or SocSci, Wrt | AH or SS, VL, WC, WE—I. (II.) Napawan

2. **Place, Culture and Community (4)**
   - Lecture—4 hours. Introduction to recognizing and reading cultural landscapes, and the application of cultural landscape meaning to the creation of contemporary built environments. Topics include patterns and influences relating to agriculture, military, transportation, housing, wilderness, recreation and tourism. GE credit: SocSci, Wrt | ACGH, SS, VL, WC, WE—II. (II.) Wheeler

3. **Sustainable Development: Theory and Practice (4)**
   - Lecture—2 hours; extensive problem solving—2 hours, discussion—1 hour. Origins, theoretical perspectives, and practical applications of the concept of sustainable development at a number of scales (site, building, neighborhood, city, region, and nation) through lectures, sketch exercises, student projects, walking tours. GE credit: ACGH, SS, VL, WE—I. (III.) Wheeler

21. **Environmental Design Visualization (5)**
   - Lecture—3 hours; laboratory/discussion—3 hours.
   - Prerequisite: course 1. Restricted to Landscape Architecture majors. Major emphasis on graphic and digital design techniques for visualization of the built environment, including conventional drafting and expressive techniques. Introduction to computerized graphics techniques. GE credit: ArtHum | AH, SS, VL—II. (III.)

23. **Computer Graphics for Landscape Architecture (4)**
   - Studio—8 hours; two all-day field trips. Prerequisite: course 21. Landscape architectural communications explored through the construction of computerized drafting, drawing, rendering, desktop publishing, and photorealistic simulation.

30. **History of Environmental Design (4)**
   - Lecture—2 hours; discussion—1 hour
   - Prerequisite: course 1. Pass one restricted to Pre-Landscape Architecture and Landscape Architecture majors or consent of instructor. History of Environmental Design across disciplines, including landscape architecture, planning, community and urban design. GE credit: ArtHum, Wrt | ACGH, AH, VL, WE—I. (II.)

50. **Site Ecology (4)**
   - Lecture—3 hours; laboratory—3 hours.
   - Prerequisite: Biological Sciences 1A, 2A or 10 or an introductory course in biology, botany, or plant science; priority given to Landscape Architecture majors. Introduction to ecological concepts, including nutrient dynamics, population regulation, community structure, ecosystem function. Principles will be applied to human activities such as biological conservation, ecological restoration, landscape planning, and management. Weekly laboratory devoted to field exercises in local ecosystems. GE credit: SciEng | SE, VL, WE—I. (III.)

60. **Landform and Grading Studio (6)**
   - Studio—8 hours; extensive problem solving. Prerequisite: course 1, 21, 30, 70. Restricted to Landscape Architecture major. Introduction of landform and topography as landscape medium and utilization of grading and drainage to design meaningful and functional spaces. Introduction to site analysis, site planning, and the conventions of grading & drain-