Dermatology

See Medicine, School of, on page 396.

Design

(College of Letters and Science)

Design

Richard Berteaux, B.Arch., M.S., Professor Emeritus
Frances Butler, M.A., Professor Emeritus
Dolph Goetl, M.A., Professor Emeritus
Patricia Harrison, M.Arch., Professor Emerita
Gyorgy Laky, M.A., Professor Emerita
Helge B. Olsen, Senior Lecturer Emeritus
Victoria Z. Rivers, M.A.C.T., S.C.T., Professor Emerita
Katherine W. Rossbach, M.A., Professor Emerita
Barbara Shawcroft, M.C.A., Professor Emerita
JoAnn C. Stabb, M.A., Senior Lecturer Emeritus
Kathryn Sylva, M.F.A., Professor Emerita

Affiliated Faculty

John D'Alcoff, M.F.A., Lecturer
Barbara Malloy, M.F.A., Lecturer
Bob Morgan, B.S., Lecturer
Gale Okumura, M.F.A., Lecturer
D.R. Wagner, M.F.A., Lecturer

Adele Zhang, M.F.A., Lecturer and Design Collection Curator

The Major Program

The Department of Design offers a creative, challenging, and flexible approach to the study of design with emphasis on socially responsible, human centered, and sustainable practice.

The Program.

Foundation courses: Design and Visual Culture; Design Drawing, Form and Color, and Graphic Design and Computer Technology; are required of all design majors. One additional course in the student's area of study is required for Preparatory Subject Matter. Depth Subject Matter courses provide: (1) further exploration of design principles and conceptual, formal and technical issues, (2) conceptual and critical development through a series of history and theory classes, (3) in-depth studio experience with projects that demonstrate a research-based, iterative design process. Optional capstone class. A more detailed explanation is available through the Design Advising office in 107 Art Building: 530-752-6244.

Preparatory Requirements. Before declaring a major in Design, students must complete the following courses with a combined grade point average of at least 2.600 at the University of California. All courses must be taken for a letter grade.

Design

Design 1 ............................................4
Design 15 .........................................4
Design 40A, 40B, or 40C .......................4
University Writing Program 11, 18 or 19 ..4

Portfolios. Portfolios are not required for admission to the major. However, it is highly recommended that design students create an online portfolio of visual work for faculty and professional evaluation and consideration for enrollment in specialized courses, including independent study, group study and internship.

Internships, Careers, and Study Abroad.

Design students are encouraged to supplement their coursework with internships in design firms, museums, and design related businesses. Design graduates go directly from this program into further graduate study, or professional work including exhibition, fashion, information, interior architecture and product (lighting and furniture), textiles, visual communications (digital, environmental and print) and sustainable design. In addition, students have become entrepreneurs through freelance and commissioned work in many related areas. The Department of Design encourages students to experience design abroad through a variety of sponsored programs. For more information, contact UC Davis Study Abroad.

A.B. Major Requirements:

UNITS

Preparatory Subject Matter .................. 28

Design 1 ............................................4
Design 15 .........................................4
Design 16 .........................................4
University Writing Program 11, 18 or 19 ..4
Design 40A, 40B, or 40C .......................4
One course from the following:
Design 21, 31, 37, 50, 60, 70, 77, 197, 199 ..4

Depth Subject Matter .................. 44

Two courses, at least one of which must be a Design course, from the following: Art 110A, 110B, 110D; Design 107, 115, 117, 127B, 150A; Dramatic Art 128; Technocultural Studies 150; Dermatology 219

Collection Curator

Pre-Fall 2011 General Education (GE): ArtHumanities; SciEngScience and Engineering; SocSciSocial Sciences; DivDom-Domestic Diversity; Writ-Writing Experience Fall 2011 and on Revised General Education (GE): AHArts and Humanities; SE-Science and Engineering; SS-Social Sciences; ACHG-American Cultures; DD-Domestic Diversity; OL-Oral Skills; QL-Quantitative; SL-Scientific; VL-Visual; WC-World Cultures; WE-Writing Experience

Quarter Offered: I-Fall, II-Winter, III-Spring, IV-Summer; 2013-2016 offering in parentheses.
Design


List B: Captions of Option (these courses are the most advanced in the major and prerequisites are strictly enforced): Design 154, 157, 159, 179, 180B, 187

Note: Substitutions for the listed courses may be allowed under certain circumstances with prior departmental approval.

Total Units for the Major ....... 72

Major Adviser, Information on the current Academic Advisers can be obtained by contacting the Undergraduate Adviser at 530-752-6244.

Graduate Study, The graduate program in Design leading to the Master of Fine Arts

The UC Davis Master of Fine Arts (M.F.A.) in Design unites theory and practice, offering graduate students a unique opportunity to work with a dedicated and renowned design faculty within one of the nation’s top public research universities. This two-year program encourages an interdisciplinary approach. Design theory includes design theory, exhibition, fashion, history, interior architecture, lighting, textiles, and visual communication (environmental, information, print and screen-based design). Courses collaborate with outstanding faculty inside and outside the department whose work covers a broad array of disciplines. Graduate students in Design blend individually focused research and creative practice with an understanding of key design issues in history, theory, research methodology, and sustainable practices. The M.F.A. degree culminates in a project-based thesis and exhibition. For more information, see http://arts.ucdavis.edu/design-graduate-program.

Graduate Adviser, Please contact the Program at 530-752-8710.

Courses in Design (DES)

Questions pertaining to the following courses should be directed to the instructor or to the Design Advising office in 107 Art 530-752-6244. Scheduling of classes subject to change, please consult the Advising office to confirm when a course is offered.

Lower Division

1. Introduction to Design (4)
   Lecture—3 hours; discussion—1 hour. Priority given to Design majors. Introduction to design discipline through readings, writing, visual problem solving, and critical analysis. Topics: design principles and elements, vocabulary, color theory, Gestalt principles, conceptualization strategies. Role of designer and products in contemporary culture including social responsibility and sustainability. GE credit: ArtHum | AH, VL.—I, II, III, IV. (I, II, III, IV.)

2. Introduction to Three-Dimensional Design (4)
   Studio—4 hours; lecture/discussion—2 hours. Prerequisite: course 1, students with a background in drawing. Advanced Art Studio units are encouraged to submit a portfolio for review to waive this course. Priority given to Design majors. Drawing as a tool for design. Basic skills in objective observation and representation, including line, shape, tone, and space. Drawing as a tool for formulating and working through design problems. GE credit: ArtHum | AH, VL.—I, II, III, IV. (I, II, IV.)

3. Form and Color (4)
   Studio—4 hours; lecture/discussion—2 hours. Prerequisite: course 1. Priority given to Design majors. Understanding color and form as composition in ways of communicating design concepts and content. Color theory, color theory, properties, interaction of color. Design principles and elements. Gestalt theory.

4. Graphic Design and Computer Technology (4)
   Studio—4 hours; lecture/discussion—2 hours. Prerequisite: course 1. Priority given to Design students. Introduction to digital tools with emphasis on graphic design including theory, practice and technology. Includes principles of color, resolution, pixels, vectors, image enhancement, layout, visual organization, visualization, typography. GE credit: ArtHum | AH, VL—I, II, III, IV. (I, II, III, IV.)

5. Drafting and Perspective (4)
   Studio—4 hours; lecture/discussion—2 hours. Prerequisite: course 1, 14, 15, 16 or consent of instructor. Priority given to Design majors. Study of perspective techniques and practical applications of perspective. Not open for credit to students who have taken course 40 or 140. GE credit: ArtHum | AH, DD, VL.—I, II, III, IV. (I, II, III, IV.)

6. Ideologies of Design (4)
   Lecture—3 hours; discussion—1 hour. Priority to Design majors. Introduction to the history and theory of design in particular related to political, philosophical, cultural, and environmental debates and objectives. GE credit: ArtHum | AH, WE.—I, II, III, IV. (I, II, III, IV.)

7. Design for the Human Body (4)
   Studio—4 hours; lecture/discussion—2 hours. Prerequisite: course 1, 14, 15, 16 or consent of instructor. Priority given to Design majors. Advanced and in-depth study of the human body. Development and practice of designing the body for performance. GE credit: ArtHum | AH, VL—I, II, III, IV. (I, II, III, IV.)

8. Fashion (4)
   Studio—4 hours; lecture/discussion—2 hours. Prerequisite: course 1, 124A, 124C, course 16 recommended or consent of instructor. Priority given to Design majors. Design of sportswear, accessories, and lifestyle. Not open for credit to students who have completed courses 152 or 152A. GE credit: ArtHum | AH, VL—I, II, III, IV. (I, II, III, IV.)

9. Introduction to Surface Design (4)
   Studio—4 hours; lecture/discussion—2 hours. Prerequisite: course 1, 14, 15, 16 or consent of instructor. Priority given to Design majors. Introduction to diverse methods for creating imagery, patterns, and textures on cloth. Exploration and experimentation with dyes and pigments, media and techniques of the fashion and textile art. GE credit: ArtHum | AH, VL—AVila

10. Introduction to Textile Design Structures (4)
    Studio—4 hours; lecture/discussion—2 hours. Prerequisite: course 1, 14, 15, 16 or consent of instructor. Priority given to Design majors. Introduction to diverse methods for creating imagery, patterns, and textures on cloth. Exploration of the creative potential of hand-construction, manipulation of fabric to create dimensional surfaces, and the basics of building and joining fabric structures. GE credit: ArtHum | AH, VL—AVila

11. Letterforms and Typography (4)
    Studio—4 hours; lecture/discussion—2 hours. Prerequisite: course 1, 14, 15, 16 or consent of instructor. Priority given to Design majors. Fundamentals of letterforms and typography. Characteristics of typefaces; formatting and composition of type. Principles of legibility, visual hierarchy, grid systems, and the integration of type and image. Not available for credit to students who have completed course 227A. GE credit: ArtHum | AH, VL—I, II, III, IV. (I, II, III, IV.)

12. Introduction to Surface Design (4)
    Studio—4 hours; lecture/discussion—2 hours. Prerequisite: course 1, 14, 15, 16 or consent of instructor. Priority given to Design majors. Introduction to the history and theory of design in particular related to political, philosophical, cultural, and environmental debates and objectives. GE credit: ArtHum | AH, WE.—I, II, III, IV. (I, II, III, IV.)

13. Ideologies of Design (4)
    Lecture—3 hours; discussion—1 hour. Priority to Design majors. Introduction to the history and theory of design in particular related to political, philosophical, cultural, and environmental debates and objectives. GE credit: ArtHum | AH, WE.—I, II, III, IV. (I, II, III, IV.)

14. Design Studio (4)
    Studio—4 hours; lecture/discussion—2 hours. Prerequisite: course 1, students with a background in drawing. Advanced Art Studio units are encouraged to submit a portfolio for review to waive this course. Priority given to Design majors. Drawing as a tool for design. Basic skills in objective observation and representation, including line, shape, tone, and space. Drawing as a tool for formulating and working through design problems. GE credit: ArtHum | AH, VL.—I, II, III, IV. (I, II, IV.)

15. Form and Color (4)
    Studio—4 hours; lecture/discussion—2 hours. Prerequisite: course 1. Priority given to Design majors. Understanding color and form as composition in ways of communicating design concepts and content. Color theory, color theory, properties, interaction of color. Design principles and elements. Gestalt theory.

16. Graphic Design and Computer Technology (4)
    Studio—4 hours; lecture/discussion—2 hours. Prerequisite: course 1. Priority given to Design students. Introduction to digital tools with emphasis on graphic design including theory, practice and technology. Includes principles of color, resolution, pixels, vectors, image enhancement, layout, visual organization, visualization, typography. GE credit: ArtHum | AH, VL—I, II, III, IV. (I, II, III, IV.)
127A. Sustainable Design (4)
Lecture—3 hours; discussion—1 hour. Prerequisite: course 1. Priority to Design majors. Principles, prac-
tice, and history of contemporary sustainable design in the context of environmental crisis. History of sustainable design in relation to the fields of tex-
tiles, visual communication, interior architecture, exhibition design, and lighting. GE credit: ArtHum | AH; VL—II. (II.) Kessler

132A. Textile Design: Woven Structures (4)
Studio—4 hours; lecture/discussion—2 hours. Pre-
requisite: course 1, 14, 15, 16; course 60 recom-
manded or consent of instructor. Priority given to Textile Design majors. Foundation course in handwoven textile structure and design, emphasizing yarn identifi-
cation, basic drafting, basic weaves and their deriva-
tives exploiting original color and effect. May be repeated one time for credit with consent of instructor. Offered irregularly. GE credit: ArtHum | AH, VL—Avila

134A. Introduction to Interior Design—Residential and Commercial Spaces (4)
Studio—4 hours; lecture/discussion—2 hours. Pre-
requisite: course 1 and 21; courses 14, 15, 16 recom-
manded or consent of instructor. Priority to Design majors. Introduction to the theory and practice of interior design with focus on residential spaces. Basic methods of design conceptualization, develop-
ment, and presentation. GE credit: ArtHum | AH, VL—Avila

142A. World Textiles: Eastern Hemisphere (4)
Lecture—4 hours. Prerequisite: course 1; Art History 1A, 1B, 1C, or 1D recommended. Social contexts, meanings, aesthetics, stylistic developments, and methods significant in eastern hemisphere textiles. Emphasis on China, Japan, Korea, and India. GE credit: ArtHum, Div—Savageau

Middle East, Europe, and the Americas up to con-
temporary times. Two required field trips. GE credit: ArtHum | AH, VL—II. (II.) Kessler

143. History of Fashion (4)
Lecture—3 hours; discussion—1 hour. Prerequisite: course 1; Art History 1A, 1B or 1C recommended or consent of instructor. Priority to Design majors. Social context, aesthetics, and historical and contemporary techniques and methods significant in western hemisphere textiles. Emphasis on the Middle East, Europe, and the Americas up to contemporary times. Two field trips required. GE credit: ArtHum | AH, VL, WE—II. (II.) Avila

144. History of Interior Architecture (4)
Lecture—3 hours; discussion—1 hour. Prerequisite: course 1. Pass One priority to Design majors. The-
maic survey of interior design, with emphasis on dwellings in their cultural settings and development of modern interior design theories. Emphasis considered in relation to buildings’ exteriors, sites, and use of the interior environment. GE credit: ArtHum | AH, WE—I. (I.) Housefield

145. History of Visual Communication (4)
Lecture—3 hours; discussion—1 hour. Prerequisite: upper division standing or consent of instructor. Restriction to students with upper division standing. Design principles and visual strategies for effective information display; analysis of contemporary and historical examples of visual representations and visual narratives in science, humanities, and the arts; emergence of digital methods for interactive data presentation. GE credit: ArtHum | AH, VL—II. (III.) Verba

150A. Computer-Assisted Drawing for Designers (4)
Studio—4 hours; lecture/discussion—2 hours. Pre-
requisite: courses 1 and 21; 14, 15, 16 recommended or consent of instructor. Priority given to Design majors. Computer assisted drawing and modeling using a mid-level, multi-use CAD program. Basic architectural drawing and modeling technique in both two-dimensional and three-dimensional environments. Not open for credit to students who have taken course 150. GE credit: ArtHum | AH, VL—I. (I.) Kessler

150B. Computer-Assisted Presentations for Interior Architects (4)
Studio—4 hours; lecture/discussion—2 hours. Pre-
requisite: courses 1 and 21; 14, 15, 16 recommended or consent of instructor. Priority given to Design majors. Introduction to computer-aided architectural pre-
sentation including the development of complex 3D models, techniques of photo-realistic rendering and computer simulation of movement through architectural interiors. Offered irregularly. GE credit: ArtHum | AH, VL—II. (II.) Kessler
177. Computer-Assisted Fashion Design (4)
| Studio—4 hours; lecture/discussion—2 hours. Pre- | requisite: course 77, 107, 170 or 177 or consent of instructor. Priority to Design majors. Advanced exploration of fashion design with an emphasis on professional portfolio development and presentation. Emphasis on conceptualizing, designing, and fabricating a cohesive line of wearable garments suitable for presentation in a professional fashion show. Not open for credit to students who have taken more than 8 units of course 191A. May be repeated one time for credit. GE credit: ArtHum | AH; VL—II. | Iva | Avila

179. Fashion Design: Signature Collection (4)
| Studio—4 hours; lecture/discussion—2 hours. Pre- | requisite: course 77, 107, 170 or 177 or consent of instructor. Priority to Design majors. Advanced exploration of fashion design with an emphasis on professional portfolio development and presentation. Emphasis on conceptualizing, designing, and fabricating a cohesive line of wearable garments suitable for presentation in a professional fashion show. Not open for credit to students who have taken more than 8 units of course 191A. May be repeated one time for credit. GE credit: ArtHum | AH; VL—II. | Iva | Avila

180A. Advanced Interior Design: Institutional Spaces (4)
| Studio—4 hours; lecture/discussion—2 hours. Pre- | requisite: course 1 and 21; 14, 15, 16, recommended or consent of instructor. Priority to Design majors. Advanced exploration of fashion design with an emphasis on professional portfolio development and presentation. Emphasis on conceptualizing, designing, and fabricating a cohesive line of wearable garments suitable for presentation in a professional fashion show. Not open for credit to students who have taken more than 8 units of course 191A. May be repeated one time for credit. GE credit: ArtHum | AH; VL—II. | Iva | Avila

180B. Advanced Interior Architecture (4)
| Studio—4 hours; lecture/discussion—2 hours. Pre- | requisite: course 180A or consent of instructor. Prior- | ity to Design majors. Advanced exploration of fashion design with an emphasis on professional portfolio development and presentation. Emphasis on conceptualizing, designing, and fabricating a cohesive line of wearable garments suitable for presentation in a professional fashion show. Not open for credit to students who have taken more than 8 units of course 191A. May be repeated one time for credit. GE credit: ArtHum | AH; VL—II. | Kes- | sler

185. Exhibition Design (4)
| Studio—4 hours; lecture/discussion—2 hours. Pre- | requisite: course 1, 14, 15, 16; courses 50, 115, 150A recommended or consent of instructor. Priority to Design majors. Design of cultural and commercial exhibition environments, including exhibition development and object selection, spatial planning and architectural finishes, object placement and staging, interpretive strategies, exhibition and promotional graphics. GE credit: ArtHum | AH, VL—I. | I. | McNeil

186. Environmental Graphic Design (4)
| Studio—4 hours; lecture/discussion—2 hours. Pre- | requisite: course 1, 14, 15, 16; courses 115 recom- | mended or consent of instructor. Priority to Design majors. Design of cultural and commercial exhibition environments, including exhibition development and object selection, spatial planning and architectural finishes, object placement and staging, interpretive strategies, exhibition and promotional graphics. GE credit: ArtHum | AH, VL—I. | I. | McNeil

187. Narrative Environments (4)
| Studio—4 hours; lecture/discussion—2 hours. Pre- | requisite: course 185 or 186 or consent of instructor. Prior- | ity to Design majors. Design of storytelling envi- | ronments and multi-sensory experiences for cultural, commercial, entertainment and public spaces. Interpretive planning and design for specific exhibit audi- | ences. Manipulation of objects and the cove- | rmination of complex ideas in the exhibition environment. GE credit: ArtHum | AH, VL—II. | I. | McNeil

190. Proseminar (1)
| Seminar—1 hour. Prerequisite: major or con- | sent of instructor. Philosophies of design explored through discussion and presentation of research results. May be repeated three times for credit. (P/NP grading only.)

191A-D. Workshops in Design (4-12)
| Seminar—1 hour; studio or field experience—3 | hours per unit (units determined by instructor and stu- | dent). Field trips. Prerequisite: course 14, 15, 16; division standing and consent of instructor. Faculty initiated workshops featuring advanced studies and applications of original work in Design: (A) Costume, (B) Environment, (C) Graphics; (D) Textiles. Credit limited to 12 units in one section or a combi- | nation of sections. Letter grading by contract. Field trips included.

192. Internship (1-6)
| Internship—3–18 hours. Prerequisite: completion of 84 units and consent of instructor. Supervised intern- | ship, off and on campus, in areas of design includ- | ing environmental, costume, textile, museum and interior design. Emphasis on professional portfolio development and presentation. Emphasis on conceptualizing, designing, and fabricating a cohesive line of wearable garments suitable for presentation in a professional fashion show. Not open for credit to students who have taken more than 8 units of course 191A. May be repeated one time for credit. GE credit: ArtHum | AH; VL—II. | Iva | Avila

194A. Special Study for Honors Students (3)
| Independent study—9 hours. Prerequisite: qualifica- | tion for Letters and Science Honors Program; senior standing; approval of Design Honors Program pro- | posal by the Curriculum Committee and major ad- | viser. Limited enrollment. Preparation and presen- | tation of a culminating project. Supervision of an instructor in one of the creative or scholarly areas of Design. (Deferred grading only, pending completion of sequence.)—II. | Iva | Avila

194B. Special Study for Honors Students (3)
| Independent study—9 hours. Prerequisite: course 160A; qualification for Letters and Science Honors Program; senior standing; consent of instructor. Lim- | ited. Preparation and presentation of a culminating project. Supervision of an instructor in one of the creative or scholarly areas of Design. (Deferred grading only, pending completion of sequence.)—II. | Iva | Avila

197. Tutoring in Design (1-5)
| Discussion—3-15 hours. Prerequisite: upper division standing and consent of instructor. Leading of small discussion groups or studio meetings affiliated with one of the department's regular courses. (P/NP grading only.)

198. Directed Group Study (1-5)
| Prerequisite: upper division standing and consent of instructor. (P/NP grading only.)

199. Special Study of Advanced Undergraduates (1-5)
| (P/NP grading only.)

Graduate

221. Theory and Issues in Design (4)
| Seminar—3 hours; independent study. Prerequisite: graduate standing in Design or consent of instructor. Perspectives on theoretical and aesthetic issues related to the design professions such as methodol- | gy in historical and contemporary contexts, impli- | cations of technology on design theory and practice, and design relationships to environmental sustain- | ability, recycling, and other social issues. May be repeated one time for credit.—I. | Iva | Avila

222. Research Methods and Critical Writing for Design (4)
| Seminar—3 hours; independent study. Prerequisite: course 221; graduate standing in Design or consent of instructor. Focused on research methods and criti- | cal writing related to design topics including case studies, original research, and reviews. Critical reviews. Expectation of a paper meeting profes- | sional standards suitable for publication from each student at end of course. May be repeated one time for credit.—II. | Iva | Avila

223. Professional Practice and Ethics in Design (4)
| Seminar—3 hours; independent study. Prerequisite: courses 221, 222; graduate standing in Design or consent of instructor. Introduction to issues of professional design practice: business ethics, con- | tracts and business practices, social responsibility
through case studies, guest lectures and field trips, and readings. Short written assignments and presentations will be required. — I, II, III.

224. Seminar in Design Research and Teaching (4)
Independent study—6 hours; extensive writing—4 hours; discussion—2 hours. Prerequisite: courses 221, 222, 223; concurrent academic appointment (TA) in courses 142A, 142B, 143, 144, 145; graduate standing in Design; consent of instructor. Student will work closely with instructor on a research and writing project related to subject matter of undergraduate history courses noted above with the goal of introducing student to advanced historical research processes and development of writing skills. May be repeated two times for credit. — I, II, III. (I, II, III.)

225. Studio Practice in Design (4)
Studio—3 hours. Prerequisite: course 221. Class size limited to graduate standing in Design or consent of instructor. Students work together on an experience to experience the multiple phases of design through an iterative process. Design projects will be geared towards relevance in contemporary social, cultural and political contexts. Credit limited to 12 units. May be repeated two times for credit. — II.

290. Seminar in Design (4)
Seminar—4 hours. Prerequisite: standing or consent of instructor. Selected topics in design methodology, research, communication, and education. May be repeated for credit. — II. (II.)

292. Practicum in Design (1-12)
Prerequisite: graduate standing in Design or consent of instructor. Interaction with a working professional in the student's field of interest to apply theories and concepts to working practice. (S/U grading only.)

298. Directed Group Study for Graduate Students (1-5)
Study. Prerequisite: consent of instructor. (S/U grading only.)

299. Individual Focused Study (1-12)
Prerequisite: graduate standing in Textile Arts and Costume Design or consent of instructor. Advanced study in studio practice on independent projects with faculty consultation. May be repeated for credit.

299D. Project Concentration (1-12)
Prerequisite: graduate standing in Textile Arts and Costume Design or consent of instructor. A minimum of 22 units must be taken in Project Concentration and Individual Focused Study. Student creates a body of original work at a professional level, with written and visual documentation of process and concepts underlying the project, culminating in public presentation. (S/U grading only.) — I, II, III. (I, II, III.)

Professional

396. Teaching Assistant Training Practicum (1-4)
Prerequisite: graduate standing. May be repeated for credit. (S/U grading only.) — I, II, III. (I, II, III.)

Dietetics

See Clinical Nutrition, on page 203.

Dramatic Art

See Theatre and Dance, on page 526.

Earth and Planetary Sciences

(College of Letters and Science)

Louise H. Kellogg, Ph.D., Acting Chairperson of the Department

David A. Osleger, Ph.D., Vice-Chairperson of the Department

Department Office, 2119 Earth and Physical Sciences Building 530-752-0350; http://www.geology.ucdavis.edu

Faculty

Magali I. Billen, Ph.D., Associate Professor
Sandra J. Carlson, Ph.D., Professor
William H. Casey, Ph.D., Professor (Chemistry)
Kari M. Cooper, Ph.D., Associate Professor
Eric S. Cowgill, Ph.D., Associate Professor
Howard W. Day, Ph.D., Professor
Graham E. Fogg, Ph.D., Professor
Louna and Air Resources
Tessa M. Hill, Ph.D., Associate Professor
Louise H. Kellogg, Ph.D., Professor
Charles E. Leston, Ph.D., Professor
James S. McClain, Ph.D., Professor
Academic Senate Distinguished Teaching Award
Isabel F. Montanez, Ph.D., Professor
Ryosuke Motani, Ph.D., Professor
Suyojit Mukhopadhyay, Ph.D., Professor
Alexandra Navrotsky, Ph.D., Professor (Chemistry)
Michael E. Oskin, Ph.D., Associate Professor
David A. Osleger, Ph.D., Lecturer SOE
Academic Senate Distinguished Teaching Award
John B. Rundle, Ph.D., Professor (Physics, Earth and Planetary Sciences)
Howard J. Spera, Ph.D., Professor
Sarah T. Stewart, Ph.D., Professor
Dawn Y. Summer, Ph.D., Professor
Donald L. Turcotte, Ph.D., Professor
Geerat J. Vermeij, Ph.D., Professor
Kenneth L. Verosub, Ph.D., Professor
Academic Senate Distinguished Teaching Award
Qing-zhu Yin, Ph.D., Professor
Robert A. Zierenberg, Ph.D., Professor
Emeriti Faculty

Richard Cowen, Ph.D., Senior Lecturer Emeritus, Academic Senate Distinguished Teaching Award
John F. Dewey, Ph.D., Professor Emeritus
James A. Doyle, Ph.D., Professor Emeritus (Evolution and Ecology)
Charles G. Higgins, Ph.D., Professor Emeritus
Eldridge M. Moores, Ph.D., Professor Emeritus
Jeffrey F. Mount, Ph.D., Professor Emeritus
James R. Rustad, Ph.D., Professor Emeritus
Peter Schiffman, Ph.D., Professor Emeritus
Donald L. Turcotte, Ph.D., Professor Emeritus
Robert J. Twins, Ph.D., Professor Emeritus

Major Programs. See Geology, Marine and Coastal Science, and Natural Sciences.

Undergraduate advising center is located in 2119 Earth and Physical Sciences 530-752-9100.

Graduate Study. The department offers programs of study and research leading to the M.S. and Ph.D.

Earth Sciences

See Earth and Planetary Sciences, on page 223; Environmental and Resource Sciences, on page 298; Hydrologic Sciences (A Graduate Group), on page 347; Hydrology, on page 348; Soil and Water Science, on page 511; and Soil Science, on page 509.

East Asian Languages and Cultures

(College of Letters and Science)

Michelle Yeh, Ph.D., Chairperson of the Department

Department Office. 209 Sproul Hall 530-752-4999; http://chinese.ucdavis.edu; http://japanese.ucdavis.edu

Faculty

Chaoxing Chang, Ph.D., Professor (Japanese)
Xiaomei Chen, Ph.D., Professor (Chinese)
Chengzhui Chu, Ph.D., Associate Professor (Chinese)
David Gundy, Ph.D., Assistant Professor (Japanese)
Mark Halperin, Ph.D., Associate Professor (Chinese)
Yuming He, Ph.D., Assistant Professor (Chinese)
Noriko Koyama, Ph.D., Assistant Professor (Japanese)
Joseph Sorensen, Ph.D., Assistant Professor (Japanese)
Michelle Yeh, Ph.D., Professor (Chinese)
Emeriti Faculty

Robert Borgen, Ph.D, Professor Emeritus
Donald A. Gibbs, Ph.D, Professor Emeritus

Affiliated Faculty

Junko Ito, Lecturer (Japanese)
Jiao Li, Lecturer (Chinese)
Ling-Yu Lu, Lecturer (Chinese)
Mayumi Saito, Lecturer (Japanese)
Haruko Sakakibara, Lecturer (Japanese)
Miyoko Uchida, Lecturer (Japanese)
Chunxiao Wang, Lecturer (Chinese)
Yu-Yin Wang, Lecturer (Chinese)
Shan Xiang, Lecturer (Chinese)
Moeo Watanabe, Lecturer (Japanese)
Binbin Yang, Lecturer (Chinese)
Jie Yuen, Lecturer (Chinese)

The Major Program

The department offers a core language program in both Chinese and Japanese and courses in literature and culture. The core language program in Chinese has two tracks: one for students who have no background whatsoever and one for students with prior language background.

The Program. A student selects to major in either Japanese or Chinese. Practical language skills are taught using the most modern methods so that upon entering the upper division a student will have attained substantial fluency in the spoken language (hearing and speaking) and the written language (reading and writing). Upper-division courses balance the need for further language skills with the need to understand and appreciate the cultural richness of either Chinese or Japanese civilization. All students are encouraged to combine their study of