Courses in Cultural Studies (CST)

Graduate

200A. Histories of Cultural Studies (4)
Lecture/discussion—4 hours. Prerequisite: graduate standing or consent of instructor. Undergraduate coursework in the humanities or social sciences recommended. Histories and traditions of cultural studies internationally; multiple legacies of cultural studies as a field of inquiry in various geographical contexts; foregrounds important critical perspectives resulting from social and intellectual movements worldwide. F. [F]

2008. Theories of Cultural Studies (4)
Lecture/discussion—4 hours. Prerequisite: course 200A or consent of instructor. Definitions of "critical" scholarship and examination of various contexts in which cultural form has emerged worldwide. Both mainstream and alternative theoretical traditions, such as those developed by people of color and by other marginalized groups. W. [W]

200C. Practices of Cultural Studies (4)
Lecture/discussion—4 hours. Prerequisite: courses 200A and 200B or consent of instructor. Methodological and practical applications of cultural studies research. Critical analyses of ethnography, textual analysis, social formation, community development, and identity formation. Emphasis given to students' unique versions of cultural studies practices. S. (S)

204. History and Theory of Sexualities (4)
Lecture/discussion—4 hours. Prerequisite: course 200A (may be taken concurrently) or consent of instructor. Studies of sexuality in feminist, literary, historical, and cultural studies research, specifically examining the emergence of "sexuality" as a field of research and the relationship of sexuality studies to cultural forms, subjectivity, and social relations generally. May be repeated two times for credit. Offered irregularly. F. [F]

206. Studies in Race Theory (4)
Lecture/discussion—4 hours. Prerequisite: course 200A (may be taken concurrently) or consent of instructor. Theoretical framework for the critical study of race, drawing on contemporary cultural studies and postcolonial scholarship in order to understand the social production of "race" as a category for organizing social groups and determining group processes. Offered irregularly. W. [W]

208. Studies in Nationalism, Transnationalism, and State Capitalism (4)
Lecture/discussion—4 hours. Prerequisite: course 200A (may be taken concurrently) or consent of instructor. Contemporary theories of nation, nationalism, postcolonialism, and transnationalism. Specific attention to the relationship between cultural production and the formation of ideas about nation and nationalism, including examination of both "legitimating" and resistant discourses. Offered irregularly. S. (S)

210. Memory, Culture, and Human Rights (4)
Seminar—3 hours; term paper. Prerequisite: graduate standing or consent of instructor. Restricted to graduate students. Explores the multiple convergences among memory, culture, and human rights. Discusses diverse approaches to how societal actors in different historical, cultural, and national settings, construct meanings of past political violence, intergroup conflicts, and human rights struggles. (Same course as Human Rights 2008.) Offered in alternate years. F. Lazzara

212. Studies in the Rhetorics of Culture (4)
Lecture/discussion—4 hours. Prerequisite: course 200A (may be taken concurrently) or consent of instructor. Survey of rhetorical approaches to the study of texts. Examination of multi-mediated objects to understand their cultural import by focusing on discursive invention, dispersion, and reception processes, and related shifts in power relations. Offered irregularly. F. [F]

214. Studies in Political and Cultural Representations (4)
Lecture/discussion—4 hours. Prerequisite: course 200A (may be taken concurrently) and consent of graduate adviser. Framework for the analysis of political and popular cultural representations. Emphasis on concepts, theories, and methodologies illuminating dominant and vernacular cultural representation, appropriation, and innovation in transnational contexts. May be repeated for credit up to 4 times when topic differs. Offered irregularly. W. [W]

250. Research Seminar (4)
Seminar—4 hours. Prerequisite: courses 200A, 200B, 200C or consent of instructor. Designed to facilitate student interaction and promote student research by guiding students through the production of a publishable essay. Essays submitted, distributed, and discussed by seminar participants. May be repeated for credit. W. [W]

270A. Individually Guided Research in Cultural Studies (4)
Discussion—1 hour; independent study—2 hours; extensive writing. Prerequisite: course 200C, 250, consent of instructor. Individually guided research, under the supervision of a faculty member, on a Cultural Studies topic related to the student's proposed dissertation project to produce a dissertation prospectus. F. [F], W. [W], S. (S)

270B. Individually Guided Research in Cultural Studies (4)
Discussion—1 hour; independent study—2 hours; extensive writing. Prerequisite: course 200C, 250, consent of instructor. Individually guided research, under the supervision of a faculty member, on a Cultural Studies topic related to the student's proposed dissertation project to produce a dissertation prospectus. F. [F], W. [W], S. (S)

270C. Individually Guided Research in Cultural Studies (4)
Discussion—1 hour; independent study—2 hours; extensive writing. Prerequisite: course 200C, 250, consent of instructor. Individually guided research, under the supervision of a faculty member, on a Cultural Studies topic related to the student's proposed dissertation project to produce a dissertation prospectus. F. [F], S. (S)

290. Colloquium (1)
Lecture—1 hour. Prerequisite: graduate standing or consent of instructor. Designed to provide cohort identity and faculty student exchange. Opportunity to present papers, hear guest lecturers, and see faculty presentations, gather for organizational and administrative news, exchange information, and make announcements. May be repeated up to 12 units of credit. (S/U grading only.)—F, W. [F], S. [F]

295. Special Topics (4)
Lecture/discussion—4 hours. Prerequisite: graduate standing or consent of instructor. Special topics courses offered according to faculty and student interests and demands. May be repeated for credit with consent of advisor. F. W. [F], S. [F]

298. Group Research (1-5)
(S/U grading only.)—F, W. [F], S. [F]

299. Directed Research (1-5)
(S/U grading only.)—F, W. [F], S. [F]

299D. Dissertation Research (1-12)
Independent study—3-36 hours. Prerequisite: advancement to doctoral candidacy. (S/U grading only.)—F, W. [F], S. [F]
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 education abroad through a variety of sponsored programs. For more information, contact UC Davis Study Abroad.

A.B. Major Requirements:

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Preparatory Subject Matter</td>
<td>28</td>
</tr>
<tr>
<td>Design 1</td>
<td>4</td>
</tr>
<tr>
<td>Art 2 or Design 14</td>
<td>4</td>
</tr>
<tr>
<td>Design</td>
<td>4</td>
</tr>
<tr>
<td>Design 16</td>
<td>4</td>
</tr>
<tr>
<td>University Writing Program 11, 18 or 19</td>
<td>4</td>
</tr>
<tr>
<td>Design 40A, 40B, or 40C</td>
<td>4</td>
</tr>
<tr>
<td>One course from the following:</td>
<td></td>
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<tr>
<td>Design 21, 31, 37, 50, 60, 70, 77</td>
<td>4</td>
</tr>
<tr>
<td>Art 9</td>
<td>4</td>
</tr>
<tr>
<td>Depth Subject Matter</td>
<td>44</td>
</tr>
<tr>
<td>Two courses, at least one of which must be a Design course, from the following:</td>
<td></td>
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<tr>
<td>Art 110A, 110B, Design 107, 115, 117, 127B, 150A</td>
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<tr>
<td>Dramatic Art 128; Technological Studies 100</td>
<td></td>
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<tr>
<td>Three courses, at least two of which must be Design courses, from the following:</td>
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<tr>
<td>Art History 168, 184, 187, 188A, 188B, 189</td>
<td></td>
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<tr>
<td>Design 127A, 138, 142A, 142B, 143, 144, 145, 149</td>
<td></td>
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<tr>
<td>Dramatic Art 114, 150, 155</td>
<td></td>
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<tr>
<td>Technological Studies 150, 152, 153, 155, 159</td>
<td></td>
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<tr>
<td>Choose six courses from the lists below:</td>
<td></td>
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<tr>
<td>List B: Capstone Course Option (these courses are the most advanced in the major and prerequisites are strictly enforced):</td>
<td></td>
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<tr>
<td>Design 154, 157, 159, 179, 180B, 187</td>
<td></td>
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<tr>
<td>Note: Substitutions for the listed courses may be allowed under certain circumstances with prior departmental approval.</td>
<td></td>
</tr>
<tr>
<td>Total Units for the Major</td>
<td>72</td>
</tr>
<tr>
<td>Honors Program</td>
<td></td>
</tr>
<tr>
<td>A senior honors program is available to design majors, requiring preparation of an independent design research project in their final year. The honors program consists of 6 units of DES 194HA and DES 194HB, normally taken during the final two quarters of the senior year. Completion of the program is a prerequisite for High or Highest Honors at graduation. See the Design Department website for current honors application procedures.</td>
<td></td>
</tr>
<tr>
<td>Major Adviser</td>
<td>Information on the current Academic Advisers can be obtained by contacting the Undergraduate Adviser at designmajor <a href="mailto:adviser@ucdavis.edu">adviser@ucdavis.edu</a>.</td>
</tr>
<tr>
<td>Graduate Study</td>
<td>The graduate program in Design is housed within the Fine Arts Department. 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 faculty expertise includes design theory, exhibitions,安装, architecture, lighting, textiles, and visual communication (environmental, information, print and screen-based design). Design M.F.A. students collaborate with outstanding faculty in 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 the historical, theoretical, research methodologies, and sustainable practices. The M.F.A. degree culminates in a project-based thesis and exhibition. For more information, see <a href="http://arts.ucdavis.edu/design-graduate-program">http://arts.ucdavis.edu/design-graduate-program</a>.</td>
</tr>
<tr>
<td>Graduate Adviser</td>
<td>Please contact the Program at 530-752-8710.</td>
</tr>
<tr>
<td>Courses in Design (DES)</td>
<td>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 is subject to change; please contact the Advising office to confirm when a course is offered.</td>
</tr>
<tr>
<td>Lower Division</td>
<td></td>
</tr>
<tr>
<td>1. Introduction to Design (4)</td>
<td>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, color theory. Geometric principles, conceptualization strategies. Role of designer and products in contemporary culture including social responsibility and sustainability. GE credit: ArtHum</td>
</tr>
<tr>
<td>Graduate Adviser</td>
<td>Please contact the Program at 530-752-8710.</td>
</tr>
<tr>
<td>14. Design Drawing (4)</td>
<td>Studio 4 hours; lecture/discussion 2 hours. Pre-requisite: course 1 (may be taken concurrently); students with a background in drawing or Advanced Placement Art Studio units are encouraged to submit a portfolio for review to waive this course. Priority given to Design majors. Design for Aesthetics and Experience (4)</td>
</tr>
<tr>
<td>Studio 4 hours; lecture/discussion 2 hours. Pre-requisite: course 1 (may be taken concurrently) or consent of instructor. Priority given to Design majors. Understanding color, form and composition as ways of communicating concepts and content. Color theory, color mixing, interaction of color. Design principles and elements. Gestalt theory. Explores a variety of materials, media and presentation techniques. GE credit: ArtHum</td>
<td></td>
</tr>
<tr>
<td>Graphic Design and Computer Technology (4)</td>
<td>Studio 4 hours; lecture/discussion 2 hours. Pre-requisite: course 1 (may be taken concurrently) or consent of instructor. Priority given to Design majors. Introduction to digital tools with emphasis on graphic design including theory, practice and technology. Includes principles of resolution, vectors, image enhancement, layout, visual organization, visual hierarchy, typography. GE credit: ArtHum</td>
</tr>
<tr>
<td>21. Drafting and Perspective (4)</td>
<td>Studio 4 hours; lecture/discussion 2 hours. Pre-requisite: course 1 (may be taken concurrently) or consent of instructor. Priority given to Design majors. Introduction to mechanical drafting, including scaled drafting, orthogonal, axonometric, isometric, and perspective. Includes basic rendering techniques. GE credit: ArtHum</td>
</tr>
<tr>
<td>Photography for Designers (4)</td>
<td>Studio 4 hours; lecture/discussion 2 hours. Pre-requisite: course 1, 14 or 21, 15, 16 or consent of instructor. Pass One priority given to Design majors. Visual communication and digital imaging techniques using black and white, and color. Critical analysis of photographs and the role of photography in society combining theoretical design and development with practical applications. Explore use and meaning of single, sequence, and single composite images. GE credit: ArtHum</td>
</tr>
</tbody>
</table>
Design

99. Special Study for Undergraduates (1-5)
Prerequisite: consent of instructor. (F/NP grading only)

Upper Division

107. Advanced Structural Design for Fashion Studios—4 hours; lecture/discussion—2 hours. Prerequisite: course 1, 14 or 21, 15, 16 or consent of instructor. Priority given to Design majors. Advanced study and practice of designing clothing for the human body through pattern development and structural joining. Emphasis on draping techniques and advanced conceptualization for fashion design. Not open for credit to students who have taken course 77B. GE credit: ArtHum | AH, VL — F, W, S

115. Letterforms and Typography (4)
Studio—4 hours; lecture/discussion—2 hours. Prerequisite: course 1, 14 or 21, 15, 16 or consent of instructor. Priority given to Design majors. Fundamentals of letterforms and typography. Characteristics, history, and principles of legibility; format 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 22. GE credit: ArtHum | AH, VL — F, W, S, Su. (F, W, S, Su.) Verba

116. Visual Communication: Graphic Design (4)
Studio—4 hours; lecture/discussion—2 hours. Prerequisite: course 1, 14 or 21, 15, 16 or consent of instructor. Priority to Design majors. Practice of creating interactive visual media for network-based applications and principles of human computer interaction. Responsive design, user-centric research, information architecture, interface and interaction. Analysis of usability. Development and presentation of design production materials and completed interactive projects. GE credit: ArtHum | AH, VL — W, S, Su. (W, S, Su.) Verba

117. Interactive Media I (4)
Studio—4 hours; lecture/discussion—2 hours. Prerequisite: course 1, 14 or 21, 15, 16 or consent of instructor. Priority to Design majors. Practice of creating interactive visual media for network-based applications and principles of human computer interaction. Responsive design, user-centric research, information architecture, interface and interaction. Analysis of usability. Development and presentation of design production materials and completed interactive projects. GE credit: ArtHum | AH, VL — W, S, Su. (W, S, Su.) Verba

127A. Sustainable Design (4)
Lecture/discussion—4 hours. Prerequisite: course 1. Priority to Design majors. Principles, practice and materials of sustainable design; the context of environmental crisis. History of sustainable design in relation to the fields of textiles, visual communication, interior architecture, exhibition design and lighting. GE credit: ArtHum | AH, VL — F. (F)

127B. Studio Practice in Sustainable Design (4)
Studio—4 hours; lecture/discussion—2 hours. Prerequisite: course 1, 127A or consent of instructor. Priority to Design majors. Analysis and practice of sustainable design within studio context. Design project that incorporates the reuse of post consumer waste; standard materials vs. sustainable materials. Cradle to Cradle philosophy and practice. Field trips required. GE credit: ArtHum | AH, VL — S. (S.)

131. Global Fashion and Product Design (4)
Studio—4 hours; lecture/discussion—2 hours. Prerequisite: course 1, 14 or 21, 15, 16 or consent of instructor. Priority given to Design majors. Exploration of materials, embellishments, and structural techniques derived from historic and contemporary world cultures. Development of unique qualities of individual expression applied to hand made textiles, fashion and textile products. Offered irregularly. GE credit: ArtHum | AH, VL — Avila

132A. Textile Design: Woven Structures (4)
Studio—4 hours; lecture/discussion—2 hours. Prerequisite: course 1, 14 or 21, 15, 16 or consent of instructor. Priority to Design majors. Foundation course in hand-woven textile structure and design, emphasizing yarn identification, basic drafting, basic weaving techniques, and the exploration of techniques controlling various color effects and yarn combinations. May be repeated one time for credit with consent of instructor. Offered irregularly. GE credit: ArtHum | AH, VL — F

132B. Loom-Constructed Textile Design (4)
Studio—4 hours; lecture/discussion—2 hours. Prerequisite: course 1, 14 or 21, 15, 16, 132A or consent of instructor. Priority to Design majors. Advanced study and practice of complex fabric structure with emphasis on pattern in relation to surface, dimension, and material. 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 (4)
Studio—4 hours; lecture/discussion—2 hours. Prerequisite: course 1, 21 or 150A 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, development, and presentation. GE credit: ArtHum | AH, VL — Avila

134B. Introduction to Interior Design—Commercial and Technical Spaces (4)
Studio—4 hours; lecture/discussion—2 hours. Prerequisite: course 1, 21 or 150A or consent of instructor. Pass One priority given to Design majors. Introduction to the theory and practice of interior design with focus on small commercial and technical spaces. Archetypal spaces, non-residential building systems, ADA accessibility, design programming and research methods. GE credit: ArtHum | AH, VL — F, W, S. (F, W, S.) Kessler

135A. Furniture Design and Detailing (4)
Studio—4 hours; lecture/discussion—2 hours. Prerequisite: course 1, 14 or 21, 15, 16 or consent of instructor. Priority given to Design majors. Development of designs for contemporary furniture. Consideration of behavioral and physical requirements, cultural and historic expression, and structural and aesthetic qualities. Process includes research, drawings, and construction of scale models. Required field trip. GE credit: ArtHum | AH, VL — W (W)

135B. Furniture Design and Prototyping (4)
Studio—4 hours; lecture/discussion—2 hours. Prerequisite: course 1, 14 or 21, 15, 16 or consent of instructor. Priority given to Design majors. Design and construction of full size prototype furniture based on preliminary work completed in course 135A. Materials technology, construction methods, and finishes discussed. Development of shop drawings and furniture construction. Required field trip. Offered irregularly. GE credit: ArtHum | AH, VL — W (W)

136A. Lighting Technology (4)
Laboratory—4 hours; lecture/discussion—2 hours. Prerequisite: course 1, 14 or 21, 15, 16 or consent of instructor. Priority to Design majors. Introduction to lighting design and technology. Understanding the role of lighting analogy, the development of functional and aesthetically pleasing environments. GE credit: ArtHum | AH, VL — F. (F) Siminovich

136B. Designing with Light—Industrial Design (4)
Lecture—4 hours; lecture/discussion—2 hours. Prerequisite: course 1, 14 or 21, 15, 16, 136A or consent of instructor. Priority to Design majors. Design and manipulation of light sources, luminaires, and fixtures to enhance the functional and aesthetic impact of interior and exterior spaces. Industrial design projects explore lighting effects, light distribution characteristics, and luminaire design. GE credit: ArtHum | AH, VL — W (W)

137A. Daylighting and Interior Design (4)
Studio—4 hours; lecture/discussion—2 hours. Prerequisite: course 1, 14 or 21, 15, 16 or consent of instructor. Priority to Design majors. Emphasis on understanding the effect of daylight on the perception of interior designs as well as on vision, luminous and thermal comfort, health and energy efficiency. GE credit: ArtHum | AH, VL — F. (F) Papamichael

137B. Daylighting Design Studio (4)
Studio—4 hours; lecture/discussion—2 hours. Prerequisite: course 1, 14 or 21, 15, 16 or consent of instructor. Priority to Design majors. Introduction to daylighting through observation and analysis of its effects on interior designs using scale models of interior designs of choice and photographing them outdoors and in CEB’s Heliodon to understand year-round performance. GE credit: ArtHum | AH, VL — S. (S.) Papamichael

138. Materials and Methods in Interior Design (4)
Lecture/discussion—3 hours; project—1 hour. Prerequisite: course 1, 1 or consent of instructor. Priority to Design majors. Introduction to the finish materials used for interior design with special emphasis on sustainable and recycled products. Performance factors, relative costs and energy impacts, installation conditions and construction details, and design potential for a full range of interior materials. Offered in alternate years. GE credit: ArtHum | AH, VL, WE — Kesler

142A. World Textiles: Eastern Hemisphere (4)
Lecture—4 hours. Prerequisite: course 1; Art History 1A, 1B, 1C, or 1D recommended. Social context, aesthetics, stylistic development and stylistic development methods significant in eastern hemisphere textiles. Emphasis on Japan, China, Indonesia, Oceanica, Southern and Central Asia, Africa. Offered irregularly. GE credit: ArtHum | AH, VL, WE — Kesler

142B. World Textiles: Western Hemisphere (4)
Lecture—4 hours. Prerequisite: course 1; Art History 1A, 1B, or 1C recommended. Social context, aesthetics, stylistic development and stylistic development methods significant in western hemisphere textiles. Emphasis on the Middle East, Europe, and the Americas up to contemporary times. Two required field trips. GE credit: ArtHum | Div | AH — Avila

143. History of Fashion (4)
Lecture—3 hours; discussion—1 hour. Priority to Design majors. History of fashion design from the earliest times to the present focusing on the ancient Middle East and Commercial and Technical Spaces. Emphasis on aesthetic, functional, social, economic, political and cultural aspects of clothing and personal adornment. GE credit: ArtHum | AH, VL, WE — W (W)

144. History of Interior Architecture (4)
Lecture—3 hours; discussion—1 hour. Priority to Design majors. History of fashion design from the earliest times to the present focusing on the ancient Middle East and Commercial and Technical Spaces. Emphasis on aesthetic, functional, social, economic, political and cultural aspects of clothing and personal adornment. GE credit: ArtHum | AH, VL, WE — Housefield

145. History of Visual Communication (4)
Lecture—3 hours; discussion—1 hour. Prerequisite: course 1 or consent of instructor. Pass One priority to Design majors. Thematic survey of interior architecture. Emphasis on dwellings in their cultural settings and development of modern interior design theories. Interiors considered in relation to buildings’ exteriors, sites, and uses. Offered in alternate years. GE credit: ArtHum | Div | AH — WE — Housefield

149. Information Design: Principles and Practice (4)
Lecture—3 hours; discussion—1 hour. Prerequisite: upper division standing or consent of instructor. Restricted to students with upper division standing. Design principles and visual strategies for effective information display; analysis of contemporary and
160. Textile Surface Design: Patterns and Resists (4)
Studio—4 hours; lecture/discussion—2 hours. Pre-
requisite: course 1, 14 or 21, 15, 16 or consent of
instructor. Exploration of textile design processes, and
materials that open up new possibilities for the emer-
gence of digital methods for interactive data presenta-
tion. GE credit: ArtHum | AH, VL—F. (S.) Verba

185. Exhibition Design (4)
Studio—4 hours; lecture/discussion—2 hours. Pre-
requisite: course 1, 14 or 21, 15, 16 or consent of
instructor. Advanced exploration of fashion design
projects for students interested in the design and
presentation of visual merchandising. GE credit: ArtHum | AH, VL—F. (F.) McNeil

186. Environmental Graphic Design (4)
Studio—4 hours; lecture/discussion—2 hours. Pre-
requisite: course 1, 14 or 21, 15, 16 or consent of
instructor. Design of informational and direc-
tional graphics for the built environment. GE credit:
ArtHum | AH, VL—F. (F.) McNeil

187. Narrative Environments (4)
Studio—4 hours; lecture/discussion—2 hours. Pre-
requisite: course 1, 14 or 21, 15, 16 or consent of
instructor. Design of storytelling environments and
multi-sensory experiences for cultural, commercial,

190. Proseminar (1)
Seminar—1 hour. Prerequisite: design major or
consent of instructor. Philosophies of design explored
through discussion and presentation of research
results. May be repeated three times for credit when
topic differs. (P/NP grading only.)—(S, Su.) Koo

191A. Workshops in Design (4-12)
Seminar—1 hour; studio or field experience—3
hours per unit (units determined by instructor and stu-
dent); field trip. Prerequisite: course 14, 15; upper
division standing and consent of instructor. Faculty
initiated workshops featuring advanced studies and
applications of original work in Design: Costume.
Letter grading by contract. Field trips included.
Credit limited to 12 units in one section or a com-
binati of sections.—F, W, S. (F, W, S.)

191B. Workshops in Design (4-12)
Seminar—1 hour; studio or field experience—3
hours per unit (units determined by instructor and stu-
dent); field trip. Prerequisite: course 14, 15; upper
division standing and consent of instructor. Faculty
initiated workshops featuring advanced studies and
applications of original work in Design: Environment.
Letter grading by contract. Field trips included.
Credit limited to 12 units in one section or a com-
binati of sections.—F, W, S. (F, W, S.)

191C. Workshops in Design (4-12)
Seminar—1 hour; studio or field experience—3
hours per unit (units determined by instructor and stu-
dent); field trip. Prerequisite: course 14, 15; upper
division standing and consent of instructor. Faculty
initiated workshops featuring advanced studies and
applications of original work in Design: Graphics.
Letter grading by contract. Field trips included.
Credit limited to 12 units in one section or a com-
binati of sections.—F, W, S. (F, W, S.)

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

150A. Computer-Assisted Drawing for
Designers (4)
Studio—4 hours; lecture/discussion—2 hours. Pre-
requisite: course 1, 14 or 21, 15, 16 or consent of
instructor; 115 recommended. Priority to Design
majors. Computer-assisted drafting and modeling
using a mid-level, multi-use CAD program. Basic
architectural and structural modeling techniques
and model updating. GE credit: ArtHum | AH, VL—F. (W.) W."
of design including environmental, costume, textile, museum, display and interior design. (P/NP grading only.)

194HA. Special Study for Honors Students (3)
Independent study—9 hours. Prerequisite: course 194HA; qualification for Letters and Science Honors Program; senior standing; consent of instructor. Forms Design Honors Program proposal by the Curriculum Committee and major advisor; consent of instructor. Limited enrollment. Preparation and presentation of a culminating project. Supervision of a student in one of the creative or scholarly areas of Design. (Deferred grading only, pending completion of sequence.)—W. (W.)

194HB. Special Study for Honors Students (3)
Independent study—9 hours. Prerequisite: course 194HA; qualification for Letters and Science Honors Program; senior standing; consent of instructor. Limited enrollment. Preparation and presentation of a culminating project. Supervision of a student in one of the creative or scholarly areas of Design. (Deferred grading only, pending completion of sequence.)—S. (S.)

197T. Tutoring in Design (1-5)
Discussion—2 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

211. 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 methodology in historical and contemporary contexts, implications of these to design theory and practice, and design relationships to environmental sustainability, recycling, and other social issues. May be repeated one time for credit.—F. (F.)

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 research methods and critical writing related to design topics including case studies, original and secondary sources, critical reviews. Expectation of a paper meeting professional standards suitable for publication from each student at end of course. May be repeated one time for credit.—W. (W.)

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. Introduces students to issues of professional design practice: business ethics, contracts and business practices, social responsibility through case studies, guest lectures and field trips, and readings. Short written assignments and presentations will be required. —S. (S.)

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. Students 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 students to advanced historical research processes and development of writing skills. May be repeated twice for credit.—W, S. (F, W, S.)

225. Studio Practice in Design (4)
Studio—3 hours. Prerequisite: course 221. Restricted to graduate standing in Design or consent of instructor. Students work together on a collective project 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. May be repeated twice for credit.—W. (W.)

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

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)
Studio. Prerequisite: consent of instructor. (S/U grading only.)

299. Individual Focused Study (1-12)
Prerequisite: graduate standing in Design or consent of instructor. Advanced study in studio practice on independent projects with faculty consultation. May be repeated for credit. (P/NP grading only.)

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.)—S. (S.)

Professional

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

Dietetics

See Clinical Nutrition, on page 216.

Dramatic Art

See Theatre and Dance, on page 568.

Earth and Planetary Sciences

[College of Letters and Science]

Dawn Y. Sumner, Ph.D., Chairperson of the Department

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

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Kari M. Cooper, Ph.D., Professor

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Charles E. Lesher, Ph.D., Professor

James S. McClain, Ph.D., Professor

Academic Senate Distinguished Teaching Award

Isabel P. Montañez, Ph.D., Professor

Academic Senate Distinguished Teaching Award

Ryosuke Matani, Ph.D., Professor

Suyoj Mukhopadhyay, Ph.D., Professor

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Academic Senate Distinguished Teaching Award

John B. Rundle, Ph.D., Professor

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Howard W. Day, Ph.D., Professor Emeritus

John F. Dewey, Ph.D., Professor Emeritus

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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. Twiss, Ph.D., Professor Emeritus

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

Courses. See courses listed under Geology.

Geology Major Programs

“Civilization exists by geological consent—subject to change without notice.”—Will Durant

Geology is the study of the Earth, and in particular its history, structure, and the processes that have molded our planet or its biosphere. Geology involves the origin of continents and ocean basins, earthquakes and volcanoes, variations in global climate, and how these physical changes impact the evolution of life. All of these planetary processes are viewed through the prism of “deep time,” a perspective unique to geologists and one that distinguishes geology from most of the other physical sciences.

A significant component of geology is oriented toward the interaction between humans and the Earth. This aspect includes the study of resources such as minerals, oil, and water; identification and mitigation of Earth hazards such as earthquakes, landslides, floods, and volcanic eruptions; identification and mitigation of polluted ground water; land use planning; and the study of ancient and modern climate change.

The Program. Students interested in becoming professional geologists or continuing their geological studies at the graduate level should choose the Bachelor of Science degree program. The Bachelor of Arts program is for students interested in an interdisciplinary program of studies who plan to go into pre-college teaching. Both programs allow students to emphasize an aspect of the field of particular interest to them. The upper division electives are not restricted to geology courses but must be chosen to provide a relevant, coherent, and in-depth program of study. Transfer students should have completed as much as possible of the preparatory subject matter listed below.

Internships and Career Alternatives. In recent years in California, the largest employers of geologists have been environmental and geotechnical consulting firms, with oil companies, research laboratories and government agencies providing opportunities. Students graduating with a Bachelor’s degree may get entry-level positions in the private