Environmental Design and Urbanism in Developing Countries

Minor

The undergraduate minor in environmental design and urbanism in developing countries serves students majoring in humanities, social sciences, and a variety of professional fields. The minor is intended to expose students to basic problems, cultural contexts, policy alternatives, and design solutions in the Third World.

There is no major program; students interested in pursuing this course of study at the major level should consider the BA in Architecture program (http://guide.berkeley.edu/undergraduate/degree-programs/architecture).

Declaring the Minor

A letter grade of C- or higher is required in ENV DES 1 to declare the minor. To declare, students must submit the CED Request to Add Minor Form (https://ced.berkeley.edu/students/undergraduate-advising/forms-documents), available on the CED website. When completing the final requirements for the minor, submit the CED Minor Completion Form (https://ced.berkeley.edu/students/undergraduate-advising/forms-documents).

Other Major and Minors Offered by the Department of Architecture

Architecture (http://guide.berkeley.edu/undergraduate/degree-programs/architecture) (Major and Minor)

History of the Built Environment (http://guide.berkeley.edu/undergraduate/degree-programs/history-built-environment) (Minor only)

Social and Cultural Factors in Design (http://guide.berkeley.edu/undergraduate/degree-programs/social-cultural-factors-environmental-design) (Minor only)

Sustainable Design (http://guide.berkeley.edu/undergraduate/degree-programs/sustainable-design) (Minor only)

Students who have a strong interest in an area of study outside their major often decide to complete a minor program. When completing their final requirements for the minor, students must submit the CED Minor Completion Form (https://ced.berkeley.edu/students/undergraduate-advising/forms-documents), available on the CED website.

General Guidelines

1. A letter grade of C- or higher in ENV DES 1 is required to declare the minor. To declare, students must submit the CED Request to Add Minor Form (https://ced.berkeley.edu/students/undergraduate-advising/forms-documents), available on the CED website.

2. Each course used to fulfill minor requirements must be completed with a letter grade of C- or above.

3. Students must earn a 2.0 GPA in the upper division requirements for the minor.

4. Any course used in fulfillment of minor requirements may also be used to fulfill major and upper division CED non-major requirements.

5. Courses used to fulfill a breadth requirement may also be used to satisfy minor requirements.

6. Students may apply the non-CED version of a CED cross-listed course towards the minor.

7. Students may use up to two courses taken abroad to fulfill upper division minor requirements, with faculty approval of the individual courses.

Requirements

<table>
<thead>
<tr>
<th>Prerequisite</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENV DES 1</td>
<td>Introduction to Environmental Design (A letter grade of C- or higher is required to declare the minor.)</td>
</tr>
</tbody>
</table>

Upper Division (5 courses)

Select three courses from the following:

- ARCH 170A An Historical Survey of Architecture and Urbanism
- ARCH 170B An Historical Survey of Architecture and Urbanism
- ARCH 179 Special Topics in the History of Architecture (when topic relates to developing countries only)
- ARCH 218/CY PLAN 231 Housing, Urbanization, and Urbanism: Design, Planning, and Policy Issues in Developing Countries (Instructor permission required)
- CY PLAN/ARCH 111 Introduction to Housing: An International Survey
- CY PLAN/GPP 115 Urbanization in Developing Countries
- ENV DES 100 The City: Theories and Methods in Urban Studies

Select two courses from the following:

- ANTHRO 141 Comparative Society
- ANTHRO courses numbered between ANTHRO 170-ANTHRO 188
- DEV STD C100 History of Development and Underdevelopment
- ESPM 155 Course Not Available
- HISTORY 109C The Middle East From the 18th Century to the Present
- HISTORY 111ETopics in the History of Southeast Asia: Modern Southeast Asia
- HISTORY 111C Topics in the History of Southeast Asia: Political and Cultural History of Vietnam
- HISTORY 112EAfrica: Modern South Africa, 1652-Present
- HISTORY 113ATraditional Korean History
- HISTORY 113EModern Korean History
- HISTORY 114AIndia: Medieval and Early Modern India to the Coming of the British
- HISTORY 114EIndia: Modern South Asia
- HISTORY 116BChina: Two Golden Ages: China During the Tang and Song Dynasties
- HISTORY 116CChina: Modern China
- HISTORY 140BMexico: Modern Mexico
- HISTORY 141ESocial History of Latin America: Social History of Modern Latin America
- HISTORY 143 Brazil
- POL SCI 139B Development Politics
- POL SCI 141C Politics and Government in Eastern Europe
- POL SCI 142A Middle East Politics
- POL SCI 143A Northeast Asian Politics
1 Graduate courses in subjects related to those on Lists 1 and 2 may be used as substitutes if approved by the faculty adviser.

2 All International and Area Studies (IAS) courses including those in Middle Eastern Studies (ME STU), Latin American Studies (LATAMST), Peace and Conflict Studies (PACS), Development Studies (DEV STD), and Political Economy of Industrial Societies (POLECON) may be used as substitutes provided prior approval of the faculty minor adviser is granted. Please contact the staff adviser for more information.

Environmental Design and Urbanism in Developing Countries

ENV DES 1 Introduction to Environmental Design 3 Units
Terms offered: Fall 2017, Summer 2017 8 Week Session, Spring 2017
This course will teach anyone how to start to be a designer, not just of drawings and objects, but also buildings, landscapes, and urban spaces. And not just in isolation, but in the complex web of ecological and man-made systems which makes up our shifting environment. You will take from the course first-hand experience of drawing, measuring, and design — which form the basis of the professions of architecture, landscape architecture, and urban planning — and which culminate in a final design project in the course. The course is open to all undergraduate students.

Introduction to Environmental Design: Read More [+]

Rules & Requirements

Credit Restrictions: Student will receive no credit for Environmental Design 1 after taking Environmental Design 4.

Repeat rules: Course may be repeated for credit.

Hours & Format

Fall and/or spring: 15 weeks - 3 hours of lecture and 2 hours of discussion per week
Summer: 8 weeks - 6 hours of lecture and 4 hours of discussion per week

Additional Details

Subject/Course Level: Environmental Design/Undergraduate

Grading/Final exam status: Letter grade. Final exam required.

Instructors: de Monchaux, Jewell

Introduction to Environmental Design: Read Less [-]

ENV DES 2 Summer [IN]STITUTE in Environmental Design 1 Unit
Terms offered: Summer 2017 Second 6 Week Session, Summer 2016 10 Week Session, Summer 2016 Second 6 Week Session
The Summer [IN]STITUTE consists of four cohorts, each an introductory course for participants with no previous experience in environmental design: [IN]ARCH, [IN]ARCH ADV, [IN]CITY and [IN]LAND. Institute participants explore the methods and theories of the environmental design disciplines, experience the culture of design and planning studios, connect to faculty and practitioners, and build a portfolio for graduate school application. Each program includes a lecture series, a design or planning studio, a media seminar, and site visits. For more information, visit http://ced.berkeley.edu/academics/summer-programs/summer-institute/.

Summer [IN]STITUTE in Environmental Design: Read More [+]

Hours & Format

Summer: 6 weeks - 3 hours of lecture per week

Additional Details

Subject/Course Level: Environmental Design/Undergraduate

Grading/Final exam status: Offered for pass/not pass grade only. Final exam not required.

Summer [IN]STITUTE in Environmental Design: Read Less [-]
ENV DES R3B Reading and Composition in Energy, Society, and Environmental Design 4 Units
Terms offered: Spring 2017, Spring 2016, Spring 2015
This course will expose students to key literature that examines, primarily, the relationship between sustainability and environmental design disciplines. Our goal will be not only to investigate the central ideas that inform the design of sustainable landscapes, cities, and buildings, but also to understand how competing arguments are presented in writing. Satisfies the second half of the Reading and Composition Requirement. Reading and Composition in Energy, Society, and Environmental Design: Read More [+]

Rules & Requirements
Prerequisites: Previously passed an R_A course with a letter grade of C- or better. Previously passed an articulated R_A course with a letter grade of C- or better. Score a 4 on the Advanced Placement Exam in English Literature and Composition. Score a 4 or 5 on the Advanced Placement Exam in English Language and Composition. Score of 5, 6, or 7 on the International Baccalaureate Higher Level Examination in English

Requirements this course satisfies: Satisfies the second half of the Reading and Composition requirement

Hours & Format
Fall and/or spring: 15 weeks - 3 hours of lecture per week

Additional Details
Subject/Course Level: Environmental Design/Undergraduate
Grading/Final exam status: Final exam not required.

ENV DES 4B Global Cities 3 Units
Terms offered: Spring 2017, Spring 2016, Fall 2014
This study of cities is more important than ever; for the first time in history more people live in urban than rural areas, and cities will account for all of the world's population growth for at least the next half-century. We will explore the challenges facing global cities in the 21st Century and expose students to some of the key texts, theories, and methods of inquiry that shape the built environment, from the human scale of home and community to the regional scale of the megacity. Global Cities: Read More [+]

Hours & Format
Fall and/or spring: 15 weeks - 3 hours of lecture per week

Additional Details
Subject/Course Level: Environmental Design/Undergraduate
Grading/Final exam status: Letter grade. Final exam required.

ENV DES 4C Future Ecologies: Urban Design, Climate Adaptation, and Thermodynamics 3 Units
Terms offered: Spring 2017, Spring 2016, Spring 2015
This course is intended to provide students with an overview of current thinking about cities and their components (buildings, parks, streets) as ecological and cultural systems. It will provide an introduction to methods for investigating the dynamics of flows and relationships in the built environment and students will gain experience constructing their own narratives as ways of asking and answering questions about human habitat that could shape the future. Future Ecologies: Urban Design, Climate Adaptation, and Thermodynamics: Read More [+]

Hours & Format
Fall and/or spring: 15 weeks - 3 hours of lecture per week

Additional Details
Subject/Course Level: Environmental Design/Undergraduate
Grading/Final exam status: Letter grade. Final exam required.

ENV DES 4A Design and Activism 3 Units
Terms offered: Fall 2016, Fall 2015, Spring 2015
This course explores the relationships between design and activism, raising critical questions about what design is, and how designers serve as guardians of culture and as agents of change. Students will participate in "spontaneous acts of design activism" that address contemporary issues through the making of forms and space to reinvent relationships between people and their environments. Design and Activism: Read More [+]

Hours & Format
Fall and/or spring: 15 weeks - 3 hours of lecture per week

Additional Details
Subject/Course Level: Environmental Design/Undergraduate
Grading/Final exam status: Letter grade. Final exam required.

Design and Activism: Read Less [-]
ENV DES 8 Summer DISCovery Program: Design & Innovation for Sustainable Cities (DISC) 5 Units
Terms offered: Summer 2017 Second 6 Week Session, Summer 2016 10 Week Session, Summer 2016 Second 6 Week Session
Guided by UC Berkeley faculty, Bay Area urbanists, designers, makers, and entrepreneurs, Disc* students learn how to confront the most pressing challenges of global urbanization using innovative people-centered design. Through design and digital fabrication studio sessions, lectures and talks, demos and workshops, field work and site visits, students have the opportunity to develop and test their own creative ideas while working with some of the most forward-thinking researchers and practitioners from the Bay Area design community. Disc* graduates have a strong understanding of the present and future of global urbanization processes and a broad toolkit with which to tackle its most urgent demands.

Summer DISCovery Program: Design & Innovation for Sustainable Cities (DISC): Read More [+]

Objectives Outcomes
Course Objectives:
• Construct a project that bridges from conception to design and production.
• Design a product, artifact or intervention that affects environmental awareness or change.
• Identify the major debates around global urbanization.
• Understand the importance of user experience.
• Understand the issues of spatial scales and levels of intervention.
• Understand the potentials and dangers of design and technology interventions.

Hours & Format
Summer: 5 weeks - 15 hours of studio, 4 hours of laboratory, 4 hours of lecture, and 4 hours of seminar per week

Additional Details
Subject/Course Level: Environmental Design/Undergraduate
Grading/Final exam status: Letter grade. Final exam not required.

Summer DISCovery Program: Design & Innovation for Sustainable Cities (DISC): Read Less [-]

ENV DES 9 embARC Summer Design Academy 1 Unit
Terms offered: Summer 2017 Second 6 Week Session, Summer 2016 Second 6 Week Session, Summer 2015 Second 6 Week Session
embARC is a four week summer design intensive that brings together high school students from diverse backgrounds to explore architecture, urban design and sustainable city planning through three components: an Architecture & Urban Design Studio, a Sustainable City Planning Workshop and a Design-Build project. For more information, visit http://ced.berkeley.edu/academics/summer-programs/embrac-design-academy/

embARC Summer Design Academy: Read More [+]

Objectives Outcomes
Student Learning Outcomes:
Be exposed to actual public policy issues and make a real impact on the bay area community.
Build a design portfolio to use when applying to college.
Earn a certificate of completion and 1 unit of credit on an official UC Berkeley transcript.
Explore architecture, urban design and city planning as possible college majors and careers.
Hon e and develop two and three dimensional design skills through college-level coursework.
Immerse yourself in design studio culture and the college campus experience.
Work in a team environment with peers who have similar interests.

Hours & Format
Summer: 4 weeks - 5 hours of studio, 5 hours of laboratory, and 2.5 hours of lecture per week

Additional Details
Subject/Course Level: Environmental Design/Undergraduate
Grading/Final exam status: Letter grade. Final exam not required.
Instructor: Szczyinski-Smith

embARC Summer Design Academy: Read Less [-]
ENV DES 10 The History of Thought in Environmental Design 3 Units
Terms offered: Spring 2011, Fall 2009, Fall 2008
With emphasis on key events of the 20th and now 21st century, this course introduces the big ideas and individuals that have shaped architecture, urban planning, and landscape architecture.
The History of Thought in Environmental Design: Read More [+]

Rules & Requirements

Prerequisites: None. Open to all undergraduates in the College of Environmental Design and other colleges and majors

Hours & Format

Fall and/or spring: 15 weeks - 3 hours of lecture per week
Summer: 8 weeks - 6 hours of lecture and 2 hours of discussion per week

Additional Details

Subject/Course Level: Environmental Design/Undergraduate
Grading/Final exam status: Letter grade. Final exam required.

The History of Thought in Environmental Design: Read Less [-]

ENV DES 98BC Berkeley Connect 1 Unit
Terms offered: Prior to 2007
Berkeley Connect is a mentoring program, offered through various academic departments, that helps students build intellectual community. Over the course of a semester, enrolled students participate in regular small-group discussions facilitated by a graduate student mentor (following a faculty-directed curriculum), meet with their graduate student mentor for one-on-one academic advising, attend lectures and panel discussions featuring department faculty and alumni, and go on field trips to campus resources. Students are not required to be declared majors in order to participate.
Berkeley Connect: Read More [+]

Hours & Format

Fall and/or spring: 15 weeks - 1 hour of seminar per week

Additional Details

Subject/Course Level: Environmental Design/Undergraduate
Grading/Final exam status: Offered for pass/not pass grade only. Final exam not required.

Berkeley Connect: Read Less [-]

ENV DES 100 The City: Theories and Methods in Urban Studies 4 Units
Terms offered: Summer 2017 8 Week Session, Spring 2017, Summer 2016 8 Week Session
This course is concerned with the study of cities. Focusing on great cities around the world - from Chicago to Los Angeles, from Rio to Shanghai, from Vienna to Cairo it covers of historical and contemporary patterns of urbanization and urbanism. Through these case studies, it introduces the key ideas, debates, and research genres of the interdisciplinary field of urban studies. In other words, this is simultaneously a "great cities" and "great theories" course. Its purpose is to train students in critical analysis of the socio-spatial formations of their lived world.
The City: Theories and Methods in Urban Studies: Read More [+]

Hours & Format

Fall and/or spring: 15 weeks - 3 hours of lecture and 1 hour of discussion per week
Summer: 8 weeks - 6 hours of lecture and 2 hours of discussion per week

Additional Details

Subject/Course Level: Environmental Design/Undergraduate
Grading/Final exam status: Letter grade. Final exam required.
Instructor: Roy

The City: Theories and Methods in Urban Studies: Read Less [-]
ENV DES 101A Writing about Environmental Design: Short Compositions 2 - 4 Units
Terms offered: Spring 2017, Spring 2016, Spring 2015
An intensive workshop for students interested in writing about architecture, landscape, and the built environment. Recognizing that undergraduate students who take this course represent departments outside as well as within the College of Environmental Design, assignments are touchstones for students of different disciplines to bring their current academic interests into play when writing about environmental design. Weekly assignments include prose readings, generally essays related to life experience. Brief readings and discussions during each class, along with weekly writing assignments of 3-5 pages of prose will illustrate the skills involved in the craft of writing.

Rules & Requirements
Prerequisites: English 1B and consent of instructor
Repeat rules: Course may be repeated for credit.

Hours & Format
Fall and/or spring: 10 weeks - 3 hours of laboratory and .5 hours of tutorial per week

Additional Details
Subject/Course Level: Environmental Design/Undergraduate
Grading/Final exam status: Letter grade. Final exam not required.
Instructor: Lifchez
Formerly known as: 101

Writing about Environmental Design: Short Compositions: Read Less [-]

ENV DES 101B Writing about Environmental Design: One Longer Composition 2 - 4 Units
Terms offered: Fall 2017, Fall 2016, Fall 2015
In 101B: The Notebook (one long composition in 14 weekly assignments) assigned readings (principally short stories) offer examples of writing which parallel the focus of the week's writing assignment. Prompts and assigned readings encourage the individual development of a "story" or "theme" that each student at the outset or in the process of writing, arrives at a personal narrative. Course approved for English department credit and UC Undergraduate Minor in Creative Writing.

Rules & Requirements
Prerequisites: English 1B and consent of instructor
Repeat rules: Course may be repeated once for credit.

Hours & Format
Fall and/or spring: 15 weeks - 3 hours of seminar per week

Additional Details
Subject/Course Level: Environmental Design/Undergraduate
Grading/Final exam status: Letter grade. Final exam not required.
Instructor: Lifchez
Formerly known as: 101

Writing about Environmental Design: One Longer Composition: Read Less [-]

ENV DES 102 Critical Debates in Sustainable Urbanism 3 Units
Terms offered: Fall 2017, Fall 2016, Fall 2015
The aim of the course is to provide students with knowledge and insight into the major issues and debates relating to sustainability. By the end of the course, students should have a critical understanding of the complexity and scale of the sustainability challenge, how different actors characterize and understand sustainability, the approaches that have been developed to implement these varying visions, and the institutional, political, and individual barriers to these visions.

Rules & Requirements
Prerequisites: English 1B and consent of instructor
Repeat rules: Course may be repeated once for credit.

Hours & Format
Fall and/or spring: 15 weeks - 3 hours of lecture per week
Summer: 8 weeks - 6 hours of lecture per week

Additional Details
Subject/Course Level: Environmental Design/Undergraduate
Grading/Final exam status: Letter grade. Final exam required.

Critical Debates in Sustainable Urbanism: Read Less [-]
ENV DES 104 Design Frameworks 3 Units
Terms offered: Fall 2017, Fall 2016, Spring 1997
This course begins with an open-ended question (“What is design?”) and asks students to think critically about the central tenets, commonalities, and limits of design in an ever-changing complex world. A historical and theoretical overview of predominant schools of thought across all scales of design (i.e. industrialization, modernism, post-modernism, and beyond) will ground the discussions to follow. Topics related to environmental sustainability including industrial ecologies, ecological design principles, lifecycle, biomimicry, LEED and accreditation systems, and closed-loop cycles will be presented.

Design Frameworks: Read More [+]

Hours & Format
Fall and/or spring: 15 weeks - 3 hours of lecture per week

Additional Details
Subject/Course Level: Environmental Design/Undergraduate
Grading/Final exam status: Letter grade. Final exam required.

Design Frameworks: Read Less [-]

ENV DES 105 Deep Green Design 4 Units
Terms offered: Fall 2013, Fall 2012, Fall 2011
Design problems from an ecological perspective. Design studies of relationships among ecosystem, energy, and resource flows, human social and cultural values, and technological variables as they interact to produce the built environment.

Deep Green Design: Read More [+]

Rules & Requirements
Prerequisites: Consent of instructor and upper division standing.
Students are to have taken at least one design studio and one course on sustainable design prior to taking this course

Hours & Format
Fall and/or spring: 15 weeks - 4 hours of seminar per week

Additional Details
Subject/Course Level: Environmental Design/Undergraduate
Grading/Final exam status: Letter grade. Final exam required.
Instructor: Ubbelohde

Deep Green Design: Read Less [-]

ENV DES 106 Sustainable Environmental Design Workshop 4 Units
Terms offered: Spring 2017, Spring 2016, Spring 2015
This course asks students to reflect back, reviewing the various disciplinary approaches introduced toward sustainability and to look forward by proposing interdisciplinary ways to affect the environment. Each year will be organized around a theme and project advanced by the faculty of the College. The workshop will require independent as well as collaborative research often in partnership with an external ‘client’ organization.

Sustainable Environmental Design Workshop: Read More [+]

Rules & Requirements
Prerequisites: Environmental Design 102

Hours & Format
Fall and/or spring: 15 weeks - 3 hours of seminar per week
Summer: 8 weeks - 6 hours of seminar per week

Additional Details
Subject/Course Level: Environmental Design/Undergraduate
Grading/Final exam status: Letter grade. Alternative to final exam.
Instructor: Ubbelohde

Sustainable Environmental Design Workshop: Read Less [-]

ENV DES 107 Design and Difference 4 Units
Terms offered: Fall 2016
This course explores contemporary debates around race, gender, sexuality, disability rights and other forms of embodied politics and considers their potential to transform the normative assumptions and practices of the built environment disciplines. Concepts such as self-abstraction, assimilation, and discourses of the “universal” or neutral body will be examined critically in relation to socially situated theories of power, identity, and activism. The course will investigate case studies of everyday objects, buildings and urban space that exemplify the creative limits and possibilities of embodied difference in the design process. Weekly reading responses, class discussions, presentations, and a final project are required.

Design and Difference: Read More [+]

Rules & Requirements
Prerequisites: Completion of a minimum of one design studio, two studios preferred
Repeat rules: Course may be repeated for credit when topic changes.

Hours & Format
Fall and/or spring: 15 weeks - 3 hours of seminar per week
Summer: 8 weeks - 6 hours of seminar per week

Additional Details
Subject/Course Level: Environmental Design/Undergraduate
Grading/Final exam status: Letter grade. Alternative to final exam.

Design and Difference: Read Less [-]
ENV DES C169A American Cultural Landscapes, 1600 to 1900 4 Units
Terms offered: Fall 2014, Fall 2013, Fall 2012, Fall 2011
Introduces ways of seeing and interpreting American histories and cultures, as revealed in everyday built surroundings--houses, highways, farms, factories, stores, recreation areas, small towns, city districts, and regions. Encourages students to read landscapes as records of past and present social relations and to speculate for themselves about cultural meaning.
American Cultural Landscapes, 1600 to 1900: Read More [+]

Hours & Format
Fall and/or spring: 15 weeks - 3 hours of lecture and 1 hour of discussion per week

Additional Details
Subject/Course Level: Environmental Design/Undergraduate
Grading/Final exam status: Letter grade. Final exam required.
Instructor: Groth
Also listed as: AMERSTD C112A/GEOG C160A
American Cultural Landscapes, 1600 to 1900: Read Less [-]

ENV DES C169B American Cultural Landscapes, 1900 to Present 4 Units
Terms offered: Spring 2017, Spring 2015, Spring 2014
Introduces ways of seeing and interpreting American histories and cultures, as revealed in everyday built surroundings--homes, highways, farms, factories, stores, recreation areas, small towns, city districts, and regions. Encourages students to read landscapes as records of past and present social relations, and to speculate for themselves about cultural meaning.
American Cultural Landscapes, 1900 to Present: Read More [+]

Hours & Format
Fall and/or spring: 15 weeks - 3 hours of lecture and 1 hour of discussion per week

Additional Details
Subject/Course Level: Environmental Design/Undergraduate
Grading/Final exam status: Letter grade. Final exam required.
Instructor: Groth
Also listed as: AMERSTD C112B/GEOG C160B
American Cultural Landscapes, 1900 to Present: Read Less [-]

ENV DES 170 The Social Art of Architecture 3 Units
Terms offered: Spring 2012, Spring 2011, Spring 2010
What is the social art of architecture in America? What was it historically, where is it now, where is it going--and why should you care? In this course, we will explore contemporary and historic attempts to confront social needs through themes: Design by Professionals (Architects, City Planners, Urban Designers, Sociologists, Philosophers, Philanthropists), and Design by Laypeople (Squatters, Intentional Communities, Do It Yourself). The objective is to discharge the false dualism that has emerged in architecture between social concerns and creative design.
The Social Art of Architecture: Read More [+]

Rules & Requirements
Repeat rules: Course may be repeated by students working on thesis or dissertation. Course may be repeated for credit by students working on thesis or dissertation.

Hours & Format
Fall and/or spring: 15 weeks - 2 hours of seminar per week

Additional Details
Subject/Course Level: Environmental Design/Undergraduate
Grading/Final exam status: Letter grade. Final exam not required.
Instructor: Lifchez
The Social Art of Architecture: Read Less [-]

ENV DES 193 Curricular Practical Training for International Students 0.0 Units
Terms offered: Summer 2014 8 Week Session, Summer 2013 10 Week Session
This is a zero-unit internship course for F-1, non-immigrant, international students participating in internships under the Curricular Practical Training program. Requires a paper exploring how the theoretical contracts learned in Environmental Design courses were applied during the internship.
Curricular Practical Training for International Students: Read More [+]

Rules & Requirements
Prerequisites: International students only

Hours & Format
Fall and/or spring: 15 weeks - 0 hours of internship per week
Summer: 8 weeks - 0 hours of internship per week

Additional Details
Subject/Course Level: Environmental Design/Undergraduate
Grading/Final exam status: Offered for pass/not pass grade only. Final exam not required.
Curricular Practical Training for International Students: Read Less [-]
ENV DES 195 Senior Thesis 4 Units  
Terms offered: Fall 2012, Fall 2011, Spring 2011  
Directed study leading to preparation of a senior thesis.  
Senior Thesis: Read More [+]

Rules & Requirements

Prerequisites: Limited to students with approved individual majors in the College of Environmental Design  
Repeat rules: Course may be repeated once for credit. Course may be repeated for a maximum of 8 units.

Hours & Format

Fall and/or spring: 15 weeks - 0 hours of independent study per week  
Additional Details

Subject/Course Level: Environmental Design/Undergraduate  
Grading/Final exam status: Letter grade. Final exam required.

Introduction to Methods and Thesis Preparation: Read Less [-]

ENV DES 195A Introduction to Methods and Thesis Preparation 3 Units  
Terms offered: Fall 2014, Fall 2013  
The Senior Thesis in Environmental Design is an advanced research and writing project that presents an original and thorough analysis of a topic of individual interest in architecture, landscape architecture, or urban studies. This class provides an introduction to various methodologies relevant for a senior thesis including qualitative, quantitative, and descriptive research approaches.

Introduction to Methods and Thesis Preparation: Read More [+]

Rules & Requirements

Prerequisites: Environmental Design 195A  

Hours & Format

Fall and/or spring: 15 weeks - 3 hours of seminar per week  
Summer: 8 weeks - 6 hours of seminar per week  
Additional Details

Subject/Course Level: Environmental Design/Undergraduate  
Grading/Final exam status: Letter grade. Final exam not required.

Thesis Research and Writing: Read Less [-]

ENV DES 195B Thesis Research and Writing 3 Units  
Terms offered: Spring 2017, Spring 2014  
Students taking this class will use it to complete the writing of their thesis under the supervision of a Senior Thesis Advisor. This class will operate as an independent study; faculty with more than one Senior Thesis student may choose to meet them in group sessions.

Thesis Research and Writing: Read More [+]

Rules & Requirements

Prerequisites: Environmental Design 195A

Hours & Format

Fall and/or spring: 15 weeks - 3 hours of independent study per week  
Summer: 8 weeks - 6 hours of independent study per week  
Additional Details

Subject/Course Level: Environmental Design/Undergraduate  
Grading/Final exam status: Letter grade. Final exam not required.

ENV DES 198 Directed Group Study 1 - 4 Units  
Terms offered: Fall 2015, Spring 2015, Fall 2014  
This is a special topics course intended to fulfill the individual interests of students, and provide a vehicle for professors to instruct students based on new and innovative developments in the field of environmental design.

Directed Group Study: Read More [+]

Rules & Requirements

Prerequisites: Restricted to 3rd and 4th year students  
Credit Restrictions: Enrollment is restricted; see the Introduction to Courses and Curricula section of this catalog.

Repeat rules: Course may be repeated for credit.

Hours & Format

Fall and/or spring: 15 weeks - 1-4 hours of directed group study per week  
Summer:

6 weeks - 2.5-10 hours of directed group study per week  
8 weeks - 2-8 hours of directed group study per week

Additional Details

Subject/Course Level: Environmental Design/Undergraduate  
Grading/Final exam status: Offered for pass/not pass grade only. Final exam not required.

Directed Group Study: Read Less [-]
ENV DES 198BC Berkeley Connect 1 Unit
Terms offered: Prior to 2007
Berkeley Connect is a mentoring program, offered through various academic departments, that helps students build intellectual community. Over the course of a semester, enrolled students participate in regular small-group discussions facilitated by a graduate student mentor (following a faculty-directed curriculum), meet with their graduate student mentor for one-on-one academic advising, attend lectures and panel discussions featuring department faculty and alumni, and go on field trips to campus resources. Students are not required to be declared majors in order to participate.

Berkeley Connect: Read More [+]

Hours & Format

Fall and/or spring: 15 weeks - 1 hour of seminar per week

Additional Details

Subject/Course Level: Environmental Design/Undergraduate

Grading/Final exam status: Offered for pass/not pass grade only. Final exam not required.

Berkeley Connect: Read Less [-]

ENV DES 199 Supervised Independent Study and Research 1 - 4 Units
Terms offered: Fall 2017, Spring 2017, Fall 2016
Enrollment is restricted by regulations in the General Catalog. Studies developed to meet individual needs.

Supervised Independent Study and Research: Read More [+]

Rules & Requirements

Prerequisites: Must have upper division standing

Credit Restrictions: Enrollment is restricted; see the section on Academic Policies-Course Number Guide in the Berkeley Bulletin.

Hours & Format

Fall and/or spring: 15 weeks - 1-4 hours of independent study per week

Summer:
6 weeks - 2.5-10 hours of independent study per week
8 weeks - 2-7.5 hours of independent study per week

Additional Details

Subject/Course Level: Environmental Design/Undergraduate

Grading/Final exam status: Offered for pass/not pass grade only. Final exam not required.

Supervised Independent Study and Research: Read Less [-]