College of Architecture and Environmental Design

Architecture and Environmental Design Bldg. (05), Room 212
Phone: 805.756.1321
http://www.caed.calpoly.edu/

Dean: Christine Theodoropoulos
Associate Dean: Kevin Dong
Associate Dean: Michael Lucas
Assistant Dean: Mariam Emyan
Assistant Dean: Natalie Schaefer

Academic Programs

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<td>BS, Minor</td>
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<td>Architecture</td>
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<td>City and Regional Planning</td>
<td>BS, MCRP, Minor</td>
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<td>Construction Management</td>
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<td>Integrated Project Delivery</td>
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Graduate Certificate Program

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<td>Facilities Management and Operations</td>
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The five undergraduate programs share the common objective of betterment of the human physical environment through the effective application of natural and cultural systems knowledge in planning, design and construction. They are all nationally accredited by their respective external review organizations.

The masters degree programs are designed for students interested in advanced professional studies. Included under the MS Architecture are specializations in structural engineering, environmental design and professional practice. The college also offers the Master of City and Regional Planning (MCRP). The joint MCRP/MS Engineering with a specialization in Transportation Planning is an interdisciplinary program. It is a cooperative effort between the colleges of Engineering and Architecture and Environmental Design.

The well-equipped college facilities include design laboratories, grading presentation galleries, soils laboratory, stress laboratory, wood, metal and digital fabrication facilities, project yard, instructional resource center, computer laboratories, and photo presentation laboratory. An outlying area of 12 acres known as the "Canyon" is available for experimental construction.

The location of the campus between the population centers of San Francisco and Los Angeles is ideal for community and environmental studies in a variety of contexts and scales. An active visiting lecturer program joins with faculty in all departments in providing excellent student instruction. Course field trips to varying destinations are offered in each of the majors. Students have the opportunity to participate in national and international exchange programs. The college offers several opportunities through departmentally sponsored programs for directed foreign study. Students also regularly participate in the California State University's International Programs in Denmark and Italy.

In addition to individual faculty representation in a wide range of professional associations, departments are members of their respective educators associations: the Association of Collegiate Schools of Architecture (ACSA); the Council of Educators in Landscape Architecture (CELA); the Association of Collegiate Schools of Planning (ACSP); and the Associated Schools of Construction Management (ASCM).

Likewise, students maintain active chapters of the professional organizations of the American Institute of Architects (AIA), the American Society of Landscape Architects (ASLA), the Associated General Contractors (AGC), the Structural Engineers Association of California (SEAOC), the American Planning Association (APA), and the National Society of Architectural Engineers (NSAE).

The college has various enhanced computing capabilities including Geographic Information System Technology, Computer-Aided Design and Immersive Visualization (virtual reality).

Students interested in pursuing one of the five undergraduate program offerings within the college should familiarize themselves with the appropriate curriculum flow chart, available online and through the College Advising Center, Architecture and Environmental Design Bldg. (05), Room 221, and departments. Special attention is directed to the sequencing of courses and prerequisite requirements. Students who plan to transfer from a California community college should schedule classes to maximize transfer units. Current admission requirements may be found at the Cal Poly website (www.calpoly.edu).

As a consequence of the periodic review and accreditation requirements of its programs, the college reserves the right to keep selected student projects for its archives. These projects are returned to students at the discretion of their respective department faculty.

Additional information about the college and its programs may be found at its website, http://www.caed.calpoly.edu/.

CAED Advising Center

Ellen Notermann, Director
Bldg. (05), Room 210
Phone: 805.756.1325
www.calpoly.edu/~caed/the_CAED/Advising_Center/

The College of Architecture and Environmental Design (CAED) Advising Center provides academic advising services to all students within the CAED, in conjunction with each student's departmental faculty advisor. These services include providing information relative to curriculum requirements for all majors within the college, General
Education requirements, transfer and evaluation credit and articulation, academic probation advising, University, College and department policies and procedures, change of major policies and procedures, tutoring, special academic programs, and referral of students to other campus resources.

The Advising Center processes most student-related forms including those for curriculum substitution, course withdrawal, change of major and other forms. Curriculum sheets, flowcharts, information on CAED minors, jobs, scholarships and competitions are located in the Advising Center.

Integrated Project Delivery Minor
Construction Management Department (186), Room A100
Phone: 805.756.1323
Barbara J. Jackson, Minor Advisor
bjackson@calpoly.edu
This minor is offered by the Construction Management Department, and is specific and intentional in its design. It is intended to provide an “interdisciplinary” understanding of the design and construction process. It is designed to serve students who will be engaged in the Architecture/ Engineering/Construction (A/E/C) industry and be involved in integrated services project delivery.

Prerequisite
Upper division standing; and thus students are presumed to have completed the majority of their General Education courses, support, and/or major courses.

Real Property Development Minor
Construction Management Department (186), Room A100
Phone: 805.756.1323
Scott Kelting, Minor Advisor
skelting@calpoly.edu
This minor is designed for students who are interested in the built environment, and want to expand their knowledge of how projects get initiated, move through the development process, and then how they are managed after construction.

The program is designed to prepare students for entry-level employment with professionals engaged in real property development. Courses include aspects of practitioners’ real world experiences and knowledge of state-of-the-art practices, techniques, and challenges.

Students learn about the economic, design, environmental, and regulatory factors that influence housing, office, industrial, and commercial projects. They gain a clearer understanding of how these factors impact green development, urban sprawl, place-making, and transit oriented development.

Sustainable Environments Minor
Architecture Department (05), Room 212
Phone: 805.756.1298
Margot McDonald, Minor Advisor
mmcdonal@calpoly.edu
This minor educates students within the University in the principles and various aspects of sustainable environmental design with global, regional and local perspectives and concepts. It provides students with the knowledge and abilities needed to integrate concerns for ecology, social equity and economics within the context of human and natural resource systems and the built environment.

Environmental Studies Minor
Students who complete the Environmental Studies Minor, coordinated through the College of Science and Mathematics (see the College of Science and Mathematics (http://catalog.calpoly.edu/collegesandprograms/collegeofsciemathematics/#text) catalog section for additional information), are able to:

• Analyze, explain, and evaluate environmental issues from both scientific/technical and social/political/economic perspectives.
• Integrate and synthesize knowledge from multiple disciplines.
• Explain and apply the methodologies and approaches that different disciplines bring to bear on complex problems.
• Work productively and effectively with students from other disciplines and with other points of view.
• Confront real issues of contemporary significance; issues that affect them and their future.
• Gain employment or pursue further study that emphasizes interdisciplinary knowledge and skills.

The College of Architecture and Environmental Design offers the following course options as a part of this minor:

• EDES 406 Sustainable Environments
• CRP 336 Introduction to Environmental Decision Making
• CRP 404 Environmental Law