College of
Architecture &
Environmental
Design

Architecture and Environmental Design Bldg. (05)
Room 212
(805) 756-1321
R. Thomas Jones, Dean
K. Richard Zweifel, Associate Dean

ACADEMIC PROGRAMS
Architectural Engineering .......... BS, Minor
Architecture ......................... BArch, MS
City and Regional Planning .......... BS, MCRP, Minor
Construction Management .......... BS, Minor
Integrated Project Delivery .......... Minor
Landscape Architecture ............. BLA
Real Property Development .......... Minor
Sustainable Environments .......... Minor
Transportation Planning ............ MCRP/MS Engineering

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 galleries, soils laboratory, stress laboratory, construction shop, 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 great 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. Field trips are arranged to various parts of the state as required coursework. 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).

Opportunities for interdisciplinary interaction within the college are made available through coursework, annual forums, participation in district and national student competitions, student council activities and community service projects. Students are exposed to viable economic and ecological alternatives to conventional planning, design and construction through faculty applied research in such areas as passive solar building, post-disaster community rebuilding, sustainable design and construction technologies, earthquake-resistant building systems, project delivery methodologies, and daylighting and electrical lighting integration.

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 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

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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, www.caed.calpoly.edu.

CAED ADVISING CENTER
Ellen Notermann, Director
Bldg. (05), Room 210
(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.

ENVIRONMENTAL STUDIES MINOR
Students who complete the Environmental Studies Minor, coordinated through the College of Science and Mathematics (see that College’s 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:

- LA 321 Concepts in Environmental Design
- EDES 406 Sustainable Environments
- CRP 336 Introduction to Environmental Decision Making
- CRP 404 Environmental Law