Genetics

See Molecular and Cellular Biology, on page 463; and Integrative Genetics and Genomics (A Graduate Group), on page 380.

Geographic Information Systems

The Department of Biological and Agricultural Engineering offers a minor in Geographic Information Systems with an emphasis on spatial analysis. This minor is ideal for students interested in information processing of spatial data related to remote sensing, land information systems, marine cartography, thematic mapping, surface modeling, environmental modeling resources management, public utility planning, emergency response, geomarketing, geotechnics, precision agriculture, archaeology, military, and computer-aided design. Prerequisites include Mathematics 16A-16B, Statistics 13 or Plant Sciences 120 or Civil and Environmental Engineering 114, and Plant Sciences 21 or Computer Science Engineering 15.

Minor Program Requirements:

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Minor Adviser, S. K. Upadhyaya and S.G. Vouliagkas (Biological and Agricultural Engineering Department)

Geographic Studies

The interdepartmental minor in Geographic Studies is defined by its concern with place. Geographers strive to answer spatial questions regarding the earth’s surface; to describe and explain the characteristics and cultural aspects of a region; to understand the interactions of physical, biotic, and human systems within our global environment. The minor is compatible with a variety of environmental majors in the college and also with graduate programs in geography.

The minor is sponsored by the Department of Environmental Design.

Geography

See Geography (A Graduate Group), below.

Geography (A Graduate Group)

Robert Hjimans, Ph.D., Chairperson of the Group

Group Office, Carrie Armstrong-Rupport, Student Affairs Officer, 133 Hunt Hall 530-752-4119; carropot@ucdavis.edu http://geography.ucdavis.edu

Faculty

Gwen Arnold, Ph.D., Assistant Professor (Environmental Science and Policy)
Tom Beamish, Ph.D., Associate Professor (Sociology)
Chris Benner, Ph.D., Professor (Human Ecology)

Fall 2011 and on Revised General Education (GE): AH—Arts and Humanities; SC—Science and Engineering; SS—Social Sciences; ACH—American Cultures; DD—Domestic Diversity; OL—Oral Skills; QT—Quantitative; SL—Scientific; VL—Visual; WC—World Cultures; WE—Writing Experience
Pre-Fall 2011 General Education (GE): AH—Arts and Humanities; SClEng—Science and Engineering; SSociSci—Social Sciences; DD—Domestic Diversity; WRT—Writing Experience
Quarter Offered: F—Fall, W—Winter, S—Spring, Su—Summer; 2017-2018 offering in parentheses