Managerial Economics

[College of Agricultural and Environmental Sciences] http://manecon.ucdavis.edu

Faculty. See Agricultural and Resource Economics, on page 143.

Major Advisers. Contact Department office.

Undergraduate Advising Center for the major, minor, and course offerings (including peer advising) is located in 1176 Social Sciences and Humanities Building, 530-754-9536, http://manecon.ucdavis.edu.

The Major Program

The Managerial Economics major at UC Davis is a disciplinary program combining strong preparation in microeconomics and quantitative methods. It prepares students for the analysis of management and policy issues in business, finance, marketing, production, agriculture, food distribution, natural resources, the environment, resource allocation, and international trade and development. Students specialize in one of three options: (1) Managerial Economics focuses on the economic aspects of managerial decision-making. (2) Environmental and Natural Resource Economics focuses on issues related to the use of resources and environmental quality. (3) Agricultural Economics focuses on the economic and policy aspects of production and marketing of foods and fibers. Students in the Managerial Economics program develop valuable skills and strengths that lead to careers in business and government.

Internships and Career Alternatives. Students in managerial economics have opportunities to gain additional career information and preparation through internships in a variety of private business and governmental agencies. Graduates qualify for supervisory and management training positions in banking, finance, commodity and stock brokerages in the private sector, farm and ranch production, food and agricultural processing, agricultural sales and service, and a variety of agency career positions in local, state, and federal government. Graduates are well qualified to seek advanced degrees in agricultural and resource economics, economics, business administration, public policy, or law. For more information, see http://iccweb.ucdavis.edu.

Study Abroad. The Agricultural and Resource Economics department wishes to accommodate students who would like to complement their Managerial Economics degree with a study abroad experience. Up to eight units of upper division credit (excluding core courses) from international campuses may be used towards the completion of the degree or the major. To qualify for such courses will apply towards the Managerial Economics degree or minor, students need to select courses from the pre-approved list of UC Davis Study Abroad or seek pre-approval in the Agricultural and Resource Economics department for the courses they wish to complete.

B.S. Major Requirements:

UNITs

Major English Requirement ................. 4
Choose one course from: English 3, University Writing Program 1, 18, 19, 101, 102A-G, 104A-F. (May not duplicate courses taken to meet the English Composition requirement for the College of Agricultural and Environmental Sciences.) NOTE: University Writing Program 104A is highly recommended.

Preparatory Subject Matter ............... 35-37
One course from: Plant Sciences 21; Engineering Computer Science 10, 15 or 30. ............................................. 3-4
Economics 1A-1B ............................................. 8
Management 11A-11B.......................... 8
Statistics 13, 103 ............................................. 8

Major Breadth .................................. 37
Social Science, Natural Science, and Agricultural Science. (Students allowed to take major breadth courses for Passed/Not Passed grading.) *For a complete listing of approved subjects for major breadth see http://manecon.ucdavis.edu.

Total Depth Subject Matter ............... 52
Core .............................................. 20
Agricultural and Resource Economics 100A, 100B, 106, 155 and Economics 101

Restricted Electives ....................... 32
Choose at least one of the options below:

Managerial Economics option
Agricultural and Resource Economics 18. 4
Choose at least 12 units from: Agricultural and Resource Economics 112, 118, 119, 136, 157, 171A, 171B.
Select the remaining 15 units from the aforementioned courses or from Agricultural and Natural Resources 115A, 120, 121, 130, 132, 138, 139, 140, 143, 144, 145, 146, 150, 157, 175, 194A-194B, Economics 115A, 121A, 121B, 151A, 151B, 160A, 160B.

Environmental and Resource Economics option
 Agricultural and Resource Economics 175, 176. 8
Select the remaining 15 units from the aforementioned courses or upper division courses in Agricultural and Resource Economics and/or, Economics, Environmental Science and Policy 160, 161, 163, 165, 166, 167, 171, 172, 173, Environmental Toxicology 138.

Agricultural Economics option
Choose at least 15 units from Agricultural and Resource Economics 120, 121, 130, 132, 138, 139, 140, 145, 150. Select the remaining 17 units from the aforementioned courses or upper division courses in Agricultural and Resource Economics and/or, Economics, Environmental Science and Policy 160, 161, 163, 165, 166, 167, 171, 172, 173, Environmental Toxicology 138.

Agricultural Economics option
Choose at least 15 units from Agricultural and Resource Economics 120, 121, 130, 132, 138, 139, 140, 145, 150. Select the remaining 17 units from the aforementioned courses or upper division courses in Agricultural and Resource Economics and/or, Economics.

*Students must attain a major GPA of at least a C average (2.000) in all core and upper-division restricted electives. These courses must be taken for a letter grade. (The Department does not average grades after 16 units of repeat, however, non-repeated Fs are included in the major GPA calculation.

Total Units for the Major .................. 128-130

Minor Program Requirements:
The Department of Agricultural and Resource Economics offers four minor program emphases open to students majoring in other disciplines who wish to complement their studies with a minor in Managerial Economics. Some courses have required prerequisites not included as part of the minor and students should plan accordingly. One upper division class to satisfy the minor may be taken for Passed/Not Passed grading. All minor courses must be taken in residence; no more than two pre-approved study abroad courses are allowed.

To qualify for a minor in Managerial Economics, a student must complete the following courses:

Economics 1A and 1B................. 8
Mathematics 16A-16B or 21A-21B................. 6-8
Statistics 13.......................... 4

UNITs

Managerial Economics ................. 18
General emphasis Agricultural and Resource Economics 100A or the equivalent. 4
Additional upper division courses in Agricultural and Resource Economics . . . 14
Managerial Economics emphasis Agricultural and Resource Economics 100A or the equivalent. 4
Additional upper division courses in Agricultural and Resource Economics . . . 14
Select 9 or more units from Agricultural and Resource Economics 112, 118, 136, 157, 171A, 171B.
Select additional upper division Agricultural and Resource Economics courses to complete the 18-unit total for the minor.

Environmental and Natural Resource Economics emphasis
Agricultural and Resource Economics 100A or the equivalent. 4
Additional upper division courses in Agricultural and Resource Economics . . . 14
Select 9 or more units from Agricultural and Resource Economics 112, 118, 136, 157, 171A, 171B.
Select additional upper division Agricultural and Resource Economics courses to complete the 18-unit total for the minor.

Agricultural Economics emphasis
Agricultural and Resource Economics 100A or the equivalent. 4
Additional upper division courses in Agricultural and Resource Economics . . . 14
Select 9 or more units from Agricultural and Resource Economics 120, 130, 132, 138, 139, 140, 145, 150.
Select additional upper division Agricultural and Resource Economics courses to complete the 18-unit total for the minor.

Graduate Study. Students who meet the admission requirements of Graduate Studies and the Department of Agricultural and Resource Economics may pursue studies leading to the M.S. and Ph.D. degrees. For information on admission to graduate study, degree requirements, consult the Graduate Program Coordinator in the Department of Agricultural and Natural Resources; see also http://agecon.ucdavis.edu.

Quarter Offered: I-Fall, II-Winter, III-Spring, IV-Summer; 2012-2013 offering in parentheses.

Pre-Fall 2011 General Education (GE): ArtHum—Arts and Humanities; SciEng—Science and Engineering; SocSci—Social Sciences; DomDy—Domestic Diversity; Wrt—Writing Experience

Fall 2011 and on Revised General Education (GE): AH—Arts and Humanities; SE—Science and Engineering; SS—Social Sciences; ACGH—American Cultures; DD—Domestic Diversity; OL—Oral Skills; QL—Quantitative; SL—Scientific; VL—Visual; WC—World Cultures; WE—Writing Experience