

# Economics

IN THE COLLEGE OF ARTS AND LETTERS

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## Faculty

**Hisham S. Foad**, Ph.D., Associate Professor of Economics,  
Chair of Department (Graduate Adviser)  
**Catalina Amuedo-Dorantes**, Ph.D., Professor of Economics  
**Christiana E. Hilmer**, Ph.D., Professor of Economics  
**Michael J. Hilmer**, Ph.D., Professor of Economics  
**Jennifer Y. Imazeki**, Ph.D., Professor of Economics  
[Senate Distinguished Professor]  
**Kangoh Lee**, Ph.D., Professor of Economics (Graduate Adviser)  
**Quazi H. Shahriar**, Ph.D., Associate Professor of Economics  
**Ryan Abman**, Ph.D., Assistant Professor of Economics  
**Clark C. Lundberg**, Ph.D., Assistant Professor of Economics

## Assistantships

A number of teaching and research assistantships are available for qualified students. Appointments permitting up to 20 hours of service per week are available. In addition, students interested in pursuing teaching careers may apply for a teaching associate position. Application forms and additional information may be obtained from the graduate student coordinator of the Department of Economics.

## Scholarships

Two general scholarship programs are available for qualified incoming and continuing economics M.A. students. Applications for the Terhune Scholarship and the McCuen Scholarship must be submitted to the Office of Financial Aid and Scholarships by March 15 for awards distributed the following academic year. Terhune awards can be up to \$10,000 and McCuen awards can be up to \$20,000 annually. The department administers several additional scholarships, which are awarded each spring semester. These include the Center for Public Economics awards ranging from \$300 to \$1,500. Application forms and additional information may be obtained from the department office for these scholarship opportunities.

## General Information

The Department of Economics offers a Master of Arts degree in economics. The program provides students with advanced training in decision-making techniques and quantitative analysis by building on a core of applied microeconomic and econometric classes. Students learn to apply analytic methods to business and policy issues, use advanced econometric methods and computer software. An internship program provides students with valuable work experience. The program is designed to (1) prepare students for careers in consulting, domestic and multinational firms and government agencies, (2) provide students with university-level teaching experience, and (3) provide advanced training in economics for students planning on entering a Ph.D. program.

## Admission to Graduate Study

Students applying for admission to the Master of Arts program in economics should electronically submit the university application available at <http://www.calstate.edu/apply> along with the \$55 application fee by February 1 for fall admission.

All applicants must submit admissions materials separately to SDSU Graduate Admissions and to the Department of Economics.

## Graduate Admissions

The following materials should be submitted by March 1 for fall admission:

**Graduate Admissions**  
Enrollment Services  
San Diego State University  
San Diego, CA 92182-7416

1. Official transcripts (in sealed envelopes) from all postsecondary institutions attended;
  - Students who attended SDSU need only submit transcripts for work completed since last attendance.
  - Students with international coursework must submit both the official transcript and proof of degree. If documents are in a language other than English, they must be accompanied by a certified English translation.
2. GRE scores (<http://www.ets.org> SDSU institution code 4682);
3. English language score, if medium of instruction was in a language other than English (<http://www.ets.org> SDSU institution code 4682).

## Department of Economics

The following materials must be submitted electronically via Interfolio, <http://apply.interfolio.com/47215>, by March 1.

1. Two letters of recommendation;
2. A personal statement of no more than 750 words that describes why you wish to pursue graduate study in economics.

For information regarding the admissions process, visit the department's website at <http://economics.sdsu.edu/>.

International students interested in applying should first contact the International Student Center.

Visit the website at <http://www-rohan.sdsu.edu/~econ/graduate.htm>.

## Advancement to Candidacy

In addition to the general requirements for advancement to candidacy described in Part Four of this bulletin, the student must have completed Economics 630, 631, 640, and 641 with at least a 3.0 (B) average and no individual core course grade lower than a 2.7 (B-). Deficiencies may be addressed by retaking core courses.

## Specific Requirements for the Master of Arts Degree

(Major Code: 22041) (SIMS Code: 111901)

In addition to meeting the requirements for classified graduate standing and the basic requirements for the master's degree described in Part Four of this bulletin, the student must complete an approved graduate program of 32 units. Each program must include Economics 630, 631, 640, 640L, 641, 641L, 740, and 795. No program may contain more than nine units of approved courses outside economics. In addition, no program may contain more than six units of 500-level courses.

A written comprehensive examination covering the core fields of microeconomics and econometrics is required for Plan B students. Students selecting Plan A must include Economics 799A in their program and complete a master's thesis.

## Courses Acceptable for Master's Degree Program in Economics (ECON)

*Refer to Courses and Curricula and Regulations of the Division of Graduate Affairs sections of this bulletin for explanation of the course numbering system, unit or credit hour, prerequisites, and related information.*

## UPPER DIVISION COURSES

### ECON 507. Mathematical Economics (3)

Prerequisite: Mathematics 124 or 150. Recommended: Economics 320 or 321.

Mathematical concepts as tools in understanding, developing, and illustrating economic theories. Applications of calculus and linear equations to constrained optimization, macro models, elasticity, general equilibrium, and input-output analysis.

## Economics

### **ECON 561. International Trade (3)**

Prerequisites: Economics 320 and 321.

Theory and policy of international trade with examples drawn from current issues. Models of determinants of trade. Free trade and protectionism. Trade and economic development. Trading blocs, the European community, GATT and U.S. trade policy.

### **ECON 592. International Monetary Theory and Policy (3)**

Prerequisite: Economics 320 or 490.

International monetary spillovers from domestic macroeconomic policies. Foreign exchange markets and balance of payments. Fixed, flexible and managed exchange rates. Bretton Woods, international monetary fund, and world debt crisis.

### **ECON 596. Experimental Topics (3)**

Prerequisite: Consent of instructor.

Intensive study in specific areas of economics. May be repeated with new content. See *Class Schedule* for specific content. Limit of nine units of any combination of 296, 496, 596 courses applicable to a bachelor's degree. Maximum credit of nine units of 596 applicable to a bachelor's degree. Credit for 596 and 696 applicable to a master's degree with approval of the graduate adviser.

## GRADUATE COURSES

### **ECON 630. Microeconomic Theory (3)**

Prerequisite: Economics 321.

Theories of the consumer, the firm, and the market. Topics in welfare and general equilibrium. Duality and uncertainty.

### **ECON 631. Applied Microeconomic Methods (3)**

Prerequisite: Economics 630.

Decision-making techniques in applied microeconomics including cost-benefit analysis, choice under uncertainty and applied game theory techniques.

### **ECON 640. Econometrics (3)**

Prerequisites: Economics 321; Mathematics 120 or 121 or 150.

Measurement in economics. Use of economic models involving multiple regression analysis, simultaneous equation systems, and time series analysis.

### **ECON 640L. Econometrics Laboratory I (1)**

Two hours of laboratory for 12 weeks.

Prerequisite: Concurrent registration in Economics 640.

Data analysis and econometric modeling using SAS. Applied statistical skills and SAS programming skills necessary to perform advanced data analysis to construct datasets, build, and estimate statistical models covered in Economics 640.

### **ECON 641. Applied Research in Econometrics (3)**

Prerequisite: Economics 640.

Econometric applications and techniques including discrete choice, panel data simultaneous equations and time series. Data analysis and statistical software training in STATA, SAS, and SPSS.

### **ECON 641L. Econometrics Laboratory II (1)**

Two hours of laboratory for 12 weeks.

Prerequisite: Concurrent registration in Economics 641.

Data analysis and econometric modeling using STATA. Applied statistical skills and STATA programming skills necessary to perform advanced data analysis to construct datasets, build, and estimate statistical models covered in Economics 641.

### **ECON 696. Experimental Topics (3)**

Prerequisite: Consent of instructor.

Intensive study in specific areas of economics. May be repeated with new content. See *Class Schedule* for specific content. Credit for 596 and 696 applicable to a master's degree with approval of the graduate adviser.

### **ECON 700. Seminar in Microeconomic Applications (3)**

Prerequisites: Economics 630 or classified graduate standing in another department and consent of instructor.

Microeconomic applications to individual, firm, or government. Maximum credit six units of Economics 700 applicable to a master's degree. Seminars to include topics in economic issues in demography, experimental economics, industrial organization and firm behavior, and labor economics. See *Class Schedule* for specific content.

### **ECON 710. Seminar in Public Economics (3)**

Prerequisites: Economics 630 or classified graduate standing in another department and consent of instructor.

Government in a market economy. Impact on individual and firm behavior. Maximum credit six units of Economics 710 applicable to a master's degree. Seminars to include topics in environmental issues, international trade and commercial policy, public expenditures, regulation, tax policy, and urban and regional economies. See *Class Schedule* for specific content.

### **ECON 720. Seminar in Development and Planning (3)**

Prerequisite: Consent of instructor.

Development process and policies. Planning techniques. Relations among developing and developed countries. Maximum credit six units of Economics 720 applicable to a master's degree. Seminars to include topics in development economics, development planning, and international trade and commercial policy. See *Class Schedule* for specific content.

### **ECON 730. Seminar in Macroeconomic Policy (3)**

Prerequisite: Consent of instructor.

Applications of macroeconomics to open economies. Maximum credit six units of Economics 730 applicable to a master's degree. Seminars to include topics in business cycles, international monetary policy, macroeconomic modeling and prediction, national monetary institutions. See *Class Schedule* for specific content.

### **ECON 740. Seminar in Applied Economic Research (3)**

Prerequisites: Advancement to candidacy and consent of graduate adviser.

Advanced treatment of research design and methodology. Application of empirical techniques to selected problems.

### **ECON 750. Seminar in History of Economic Thought (3)**

Prerequisite: Consent of instructor.

Economic development in historical perspective. Maximum credit six units of Economics 750 applicable to a master's degree. Seminars to include topics in contemporary economic systems, economic growth in historical perspective, and U.S. economic history. See *Class Schedule* for specific content.

### **ECON 795. Internship in Economics (3) Cr/NC**

Prerequisites: Economics 630, 640, and approval of graduate adviser.

Students will be assigned to various jobs in which economic theory can be applied to decision making. Supervision will be shared by the graduate adviser and on-the-job supervisor.

### **ECON 797. Research (3) Cr/NC/RP**

Prerequisites: Classified graduate standing and consent of instructor.

Independent research project in an area of economics.

### **ECON 798. Special Study (1-3) Cr/NC/RP**

Prerequisite: Consent of staff; to be arranged with department chair and instructor.

Individual study. Maximum credit six units applicable to a master's degree.

### **ECON 799A. Thesis (3) Cr/NC/RP**

Prerequisites: An officially appointed thesis committee and advancement to candidacy.

Preparation of a project or thesis for the master's degree.

### **ECON 799B. Thesis Extension (0) Cr/NC**

Prerequisite: Prior registration in Thesis 799A with an assigned grade symbol of RP.

Registration required in any semester or term following assignment of RP in Course 799A in which the student expects to use the facilities and resources of the university; also student must be registered in the course when the completed thesis is granted final approval.

### **ECON 799C. Comprehensive Examination Extension (0) Cr/NC**

Prerequisite: Completion or concurrent enrollment in degree program courses.

Registration required of students whose only requirement is completion of the comprehensive examination for the master's degree. Registration in 799C limited to two semesters.