GLOBAL LOGISTICS
College of Liberal Arts
Department of Economics

Director: Seiji S.C. Steimetz

Department Office: Social Science/Public Affairs (SS/PA), Rm 361A
Telephone: (562) 985-5061
Email: magl@csulb.edu
Website: www.csulb.edu/economics
FAX: (562) 985-5804

Graduate Advisor/Associate Director: Wade E. Martin

Faculty: Omer Benli, Burkhard Englert, Elaine Frey, Jack Hou, Shui Lam, Joseph P. Magaddino, Wade E. Martin, Kristen A. Monaco, Khosrow Moshirvaziri, Chen Ng, Seiji S.C. Steimetz, Steve Yamarik, Guy Yamashiro

Career Possibilities

Purchasing Manager • Fleet Manager • Transportation Manager • Logistics Director • Supply Chain Manager • Customer Account Manager • Warehouse Manager • Business Analyst • Decision Support Manager • Demand Management Specialist (For more information, see www.careers.csulb.edu)

Prerequisites

1. A bachelor's degree with a grade-point average of 2.75 or better. A student whose overall grade-point average is less than 2.75, but who possesses a strong employment history in supply chain management or logistics or who possesses a recent record of academic excellence by completion of certificate or other coursework, may be admitted by special action of the Admissions Committee.
2. Students are required to submit: a completed application form; two letters of recommendation from members of the academic profession under whom the applicant studied or from individuals in positions of leadership with whom the applicant worked; and a statement of the applicant's interest in pursuing a career in global logistics. Students are also required to submit scores from the Graduate Record Examination (GRE).

Advancement to Candidacy

Satisfy the general requirements of the University for advancement to candidacy.

Requirements

Completion of a minimum of 33 units beyond the bachelor's degree and graduate coursework as follows:
1. Core requirements (16 units), satisfactory completion of:
    ECON 500 Business Economics (3)
       Prerequisites: None
    ECON 555 Transportation Economics (3)
       Prerequisites: None
    GLG 540 Benefit-Cost Analysis for Logistics (2)
       Prerequisites: Consent of instructor.
    GLG 556 Economics of Logistics Management (3)
       Prerequisite: ECON 500.
    GLG 560 Research Methods for Global Logistics (3)
       Prerequisite: ECON 500.

GLG 570 International Trade & Finance for Logistics (2)
   Prerequisites: Consent of instructor.
2. Satisfactory completion of at least one course in each of the following four emphases (11 units):
    A. Quantitative Analysis in Logistics, one of the following:
       CECS 552 Computer Simulation and Modeling (3)
          Prerequisites: EE 380 (or MATH 380) and CECS 326.
       GLG 690 Selected Topics in Global Logistics (1-3)
          Prerequisites: Consent of instructor.
    B. Forecasting for Logistics, take the following:
       GLG 520 Forecasting (2)
          Prerequisites: GLG 560.
    C. Advanced Topics in Logistics, one of the following:
       GLG 530 Introduction to Optimization Methods in Transportation (3)
          Prerequisities: ECON 500.
       CECS 590 Selected Topics in Computer Science (3)
          Prerequisites: Graduate standing and consent of instructor.
    D. Seminar in Global Logistics, take the following:
       ECON 666 Seminar in Transportation Economics (3)
          Prerequisites: ECON 510, ECON 511, ECON 555, ECON 585, ECON 586, and ECON 587.
3. Practical Applications of Logistics, take the following:
    GLG 595 Field Studies Practicum in Logistics (3)
       Prerequisites: Consent of instructor.
4. Complete the following:
    GLG 655 Seminar in Global Logistics (3)
       Prerequisites: Completion of at least 27 units in the M.A.G.L.

Global Logistics Courses (GLG)

520. Forecasting (2)
Prerequisites: GLG 560.

A comprehensive introduction to forecasting in economics and business. Topics covered include statistical graphics, trends, seasonality, cycles, forecast construction, forecast evaluation and forecast combination.

Letter grade only (A-F).

530. Introduction to Optimization Methods in Transportation (3)
Prerequisites: ECON 500.

Optimization methods applied to transportation problems. Introduction to optimization, simple calculus-based function optimization, linear programming, simplex method and computer based solution of linear programming problems. Introduction to network flow, dynamic programming. Practical considerations for large problems; optimal and near optimal solutions.

Letter grade only (A-F).

540. Benefit-Cost Analysis for Logistics (2)
Prerequisites: Consent of instructor.

Introduces benefit-cost analysis. Discussion of private costs and benefits, social costs and benefits, and project analysis.

Letter grade only (A-F).

556. Economics of Logistics Management (3)

Prerequisite: ECON 500.

Analysis and design of domestic and international logistics systems. Topics include: transportation, warehousing, inventory control, materials management, systems design and organization.

Not open for credit to students with credit in ECON 556. Letter grade only (A-F).

560. Research Methods for Global Logistics (3)

Prerequisite: ECON 500.

Applications of research methods to topics in logistics. Topics include: developing a research question, performing a literature review, data collection, and statistical analysis.

Letter grade only (A-F).

570. International Trade and Finance for Logistics (2)

Prerequisites: Consent of instructor.

Examines theories of trade, tariffs, customs, foreign exchange market and international financial institutions.

Letter grade only (A-F).

595. Field Studies Practicum in Logistics (3)

Prerequisites: Consent of instructor.

Practical experience, at a management level, in an appropriate logistics firm.

Letter grade only (A-F)

655. Seminar in Global Logistics (3)

Prerequisites: Completion of at least 27 units in the M.A.G.L.

A capstone seminar in global logistics. Major research project to integrate knowledge of global logistics. Research paper and oral presentation of research.

Not open for credit to students with credit in ECON 655. Letter grade only (A-F).

690. Selected Topics in Global Logistics (1-3)

Prerequisites: Consent of instructor.

Topics of current interest in global logistics selected for intensive study.

Letter grade only (A-F). May be repeated to a maximum of 6 units with different topics in the same semester. Topics announced in the *Schedule of Classes*.