

MASTER OF SCIENCE IN APPLIED ECONOMICS



UNIVERSITY OF SAN FRANCISCO

STUDY APPLIED ECONOMICS IN SAN FRANCISCO!

In the San Francisco Bay Area, new technologies are altering the way people live and work throughout the world. New marketplaces and platforms created here are fundamentally changing interactions between consumers, businesses, nonprofits and governments. As a next-generation economist with an M.S. in Applied Economics, you will gain the skills to take a leadership role in this dynamic environment.

PROGRAM HIGHLIGHTS:

- › Economics for the digitized age: Study market design, reputational systems, auction theory, pricing, behavioral economics and other concepts essential to understanding and shaping the new economy.
- › Practical programming and data skills: Learn to work with your data using major programming languages Python and R from your first semester and build these skills throughout the program.
- › Data analysis: Courses in experimental design, machine learning and econometrics take you beyond description and correlation to understand causal processes and economic mechanisms.
- › San Francisco Advantage: San Francisco's tech firms are leading the way in digitizing the global economy. Studying at USF positions you to take internships and jobs with global technology giants — or with startups on the way to becoming the next big thing. Graduates have achieved success in their careers, joining and leading teams at companies including Google, Intel, Apple, Amazon, Realtor.com, Morgan Stanley, Visa, Citi, Bloomberg, Disney, and more.
- › MSAE is a designated STEM program allowing eligible international students to work in the U.S. for three years after graduation under Optional Practical Training (OPT).

GRADUATES OF APPLIED ECONOMICS:

- › Analyze massive and often unstructured data sets.
- › Design research to draw causal inferences about consumer behavior and market structure.
- › Create new markets, platforms and reputation systems.
- › Optimize pricing, advertising, and investments.
- › Develop public policies that adapt to, and shape, the impact of new technologies.
- › Help non-profits and NGOs take advantage of opportunities that digitization creates.

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MASTER OF SCIENCE IN DEVELOPMENT ECONOMICS



UNIVERSITY OF SAN FRANCISCO

DEVELOPMENT ECONOMICS PROGRAM IN SAN FRANCISCO

The rapid pace of globalization has increased the demand for professionals with training in international economics and economic development. Our one of a kind Master of Science in International and Development Economics (MS IDEC) provides students with the knowledge and skills to understand how market forces can be harnessed to empower developing countries to break from cycles of poverty.

PROGRAM HIGHLIGHTS:

- › Leading edge analytics: Study the latest programming languages, data acquisition and analytical techniques.
- › Learn the detailed econometric techniques practitioners use to analyze and enhance their programs.
- › Women and Development. Study the dramatic impact of programs that focus on women and their contributions to economic growth.
- › Climate change, health and environmental policy in developing countries: Learn about the impact of climate change in developing economies.
- › Study the methods of behavioral economics.
- › Overseas field study: Travel to a developing country to pursue your research interests with guidance and advice from award winning senior faculty.
- › Original research thesis and oral defense. You will have the opportunity present your research to faculty and students.
- › IDEC is a designated STEM program allowing eligible international students to work in the U.S. for three years after graduation under Optional Practical Training (OPT).

GRADUATES OF THE MS IDEC PROGRAM SERVE AS:

- › Leaders of intervention and research teams at the World Bank and regional development banks.
- › Senior managers of NGOs working in international development.
- › Data scientists at international social media companies.
- › Professors of Economics.

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