

MASTER *of* SCIENCE *in*

# ECONOMICS

## Program Description

The Manoogian Simone College of Business and Economics (CBE) offers a Master of Science in Economics (MSE) to prepare graduates for careers and advanced study in economics, finance, applied research, and public policy. MSE offers three tracks for specialization.

### Finance

Monetary and Macroeconomic Policy  
Applied Economics

MSE is an academically rigorous program with strong quantitative and applied research components, targeting students who have work experience and professional aspirations in the fields of economics and finance. The program emphasizes extensive training in mathematical and statistical methods, including significant exposure to econometrics and forecasting, and working with data sets and statistical software.

The curriculum equips students with theoretical knowledge, quantitative skills, and applied analytical abilities to investigate and solve economic problems and prepares them for careers and advanced studies in a wide range of fields in economics and finance. .

### CAREER OPPORTUNITIES

- Government
- International Finance
- Banking
- Financial Institutions
- Insurance
- Consulting
- Corporate Strategic Planning
- Real Estate
- Environment
- Urban and Regional Planning
- Quantitative Analysis

### GRADUATE STUDY OPPORTUNITIES

- Economics
- Finance
- Outcomes Research
- Data Analytics
- Statistics
- Biometrics
- Business Analysis
- Industrial Organization
- Financial Engineering
- Other Social Sciences



MSE is a two-year program with courses typically starting in late August. Classes take place during the weekdays starting at 6:30pm and on Saturdays. First-year courses take place in Dilijan; second-year courses take place in Yerevan. Subsidized housing in Dilijan is provided to all admitted MSE students. Students with a full-time job commitment in Yerevan who are unable to attend courses in Dilijan will be given the opportunity to attend courses virtually.

The program also offers significant flexibility to meet each student's career goals. Students unable to pursue full-time studies may choose to take a lighter course load of a minimum of 6 credit hours per semester. In such cases, students typically need additional semester(s) to complete the program.

## Degree Requirements

MSE requires successful completion of a minimum of 36 semester-credits for graduation. These are divided as follows:

### Core Courses

#### 7 courses required for all MSE tracks

- Quantitative Methods for Economists\*
- Economic Statistic
- Microeconomic Theory
- Macroeconomic Theory
- Econometrics
- Economic Research Seminar
- Capstone (6 credits)

### Elective Courses\*\*

#### Finance Track\*\*\*

- Financial Econometrics and Time Series Analysis
- Finance Theory
- Economics of Corporate Finance
- Free Elective

#### Monetary and Macroeconomic Policy Track\*\*\*

- Financial Econometrics and Time Series Analysis
- Monetary Theory and Policy
- Macroeconomic Policy Seminar
- Free Elective

#### Applied Economics Track\*\*\*

- Financial Econometrics and Time Series Analysis
- Data Scraping
- Applied Health Econometrics
- Free Elective

\* This course will start 1 week earlier than rest of the classes

\*\* Minimum 3 track-specific courses are required

\*\*\* Courses listed for track requirements may change

Students are also required to complete an environmental course. The MSE program seeks to advance each student's career and academic goals. In addition to courses in economics, students in consultation with the program chair, may take other graduate level courses offered at AUA.

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#### MSE Program

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