

# Quantitative Economics Methods (QEM)

Texas A&M Department of Economics

Students who pursue an undergraduate degree in Economics and are interested in graduate degrees in Economics or highly quantitative careers should consider the Quantitative Economics Methods certificate (QEM). Students who complete this certificate will be far more likely to gain admission to selective Ph.D. programs and can hone their quantitative and analytical skills.

What's in it for me?

- Ability to integrate economic principles and apply to mathematical concepts
- Demonstrate area of focus to prospective employers
- Acquire sought after data analysis and forecasting skills

## QEM Course Outline

### QEM Required Courses

- ECMT 475: Economic Forecasting
- ECON 460: Introduction to Mathematical Economics
- ECON 470: Program Evaluation

### QEM Electives (Choose 3)

- STAT 414: Mathematical Statistics I
- STAT 415: Mathematical Statistics II
- MATH 220: Foundations of Math
- MATH 221: Several Variable Calculus
- MATH 304: Linear Algebra
- MATH 323: Linear Algebra
- MATH 409: Advanced Calculus I

*Note: These certificates will not be recorded on the student's transcript, but can be included in materials presented to potential employers, organizations, or other individuals. Graduates of the program will be supported by the Liberal Arts Career Services, which provides career counseling and arranges interviews with prospective employers.*



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