MS in Quantitative Finance and Economics

The McCoy College of Business at Texas State University offers a 30-hour master of science in quantitative finance and economics program designed to equip students with the skills needed to succeed in an increasingly technical and data-drive job market.

Students in the MSQFE program will focus on the application of mathematics and statistics in the finance industry, while developing theoretical and quantitative skills in economic theory, financial analysis, and quantitative methods. Because economists research and analyze data using a wide range of technologies and software, the MS in quantitative finance and economics will also help you obtain skills in programming languages such as Python and MATLAB.

This program is intended for students and working professionals who are interested in obtaining applicable industry-oriented abilities. Learn the tools you need for a successful career in finance, investment, banking, financial consultation and other related industries.

To achieve this mission, the following goals/learning outcomes are the focus of the curriculum and instruction in the program.

1. Demonstrate the necessary critical thinking skills to identify and define business problems in multiple domains.
2. Apply analytical skills to solve financial and economic problems.
3. Implement economic and financial data analysis and modeling skills (or programming languages and tools) to make sound business decisions.
4. Possess the ability to communicate complex financial and economic concepts to a non-business audience to enhance decision-making.
5. Demonstrate necessary skills required for industry certifications such as Chartered Financial Analyst (CFA), the Certified Business Economist (CBE), and Bloomberg’s certification.

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