MASTER OF SCIENCE IN QUANTITATIVE ECONOMICS

Program Learning Outcomes

a. Students will learn micro and macroeconomic theories at the appropriate level and will be able to use these theories to analyze economic problems and issues relevant to the local, state, national, or global economy. With this knowledge, students will be able to understand and critically assess scholarly economics articles and propose possible pathways for future research.

b. Students will learn practical skills in collecting, processing, interpreting and analyzing economic data with appropriate statistical and econometric techniques.

c. Students will be able to employ economic reasoning in analyzing real-world economic problems and effectively communicate their knowledge and findings both orally and in written formats.

Admission to Program

For admission to the graduate program in economics, a student must meet, at a minimum, the general University requirements as stated in this Bulletin. To qualify for classified status, a student must satisfy the following criteria:

- Earn a 3.0-grade point average in an undergraduate major in economics (or equivalent);
- Complete courses in intermediate micro and macro theory (ECON 301 and ECON 302 or equivalents) with grades of B or better;
- Complete a semester of calculus (MATH 226 or equivalent) with a grade of B or better;
- Complete a semester-length course in Statistics (ECON 311 or equivalent) and in Econometrics (ECON 312 or equivalent) with a grade of B or better in each.

Students who do not have B grades in all of the above five courses, or who did not major in economics but earned an overall grade point average of 3.0 or better, may be admitted conditionally. Students admitted conditionally cannot apply courses taken to satisfy the program prerequisites toward their graduate program.

Students applying to the graduate program must submit the following materials:

- Transcripts from all colleges and universities attended;
- Two or more letters of recommendation, preferably from professors the applicant has taken one or more courses with; and
- A personal statement.

For more detailed information about admission to the MS Program and how to apply, please visit the Economics Department MSQE website: http://cob.sfsu.edu/economics/graduate-programs (http://cob.sfsu.edu/economics/graduate-programs/)

Written English Proficiency Requirements

The University requires that graduate students must demonstrate both initial English proficiency (level one) upon entrance to graduate study and an advanced English proficiency (level two) prior to graduating.
Research Project
As one of the culminating experience options students may choose to pursue a research project in economics under faculty supervision leading to a written project report and an oral presentation. This option is limited to students who have completed 21 units of the Advancement to Candidacy (ATC) with a GPA of 3.5 or better. ECON 701, ECON 702, ECON 715, and ECON 731 must be included in these 21 units. Students choosing the Research Project option can take no more than 3 units of ECON 899 Independent Study towards the degree. Additional guidelines and requirements are available through the economics graduate program coordinator.

Master's Thesis and Oral Defense
Six units of graduate economics electives in addition to Thesis and Oral Defense.

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