MS QUANTITATIVE ECONOMICS

Program Learning Objectives

Graduates are prepared to:

1. Exhibit sufficient knowledge of the main quantitative methods of economic analysis (both theoretical and empirical).

2. Are proficient at applying quantitative economics techniques in new and unfamiliar circumstances and will develop the ability to adapt and innovate to solve relevant economic problems.

3. Are able to effectively communicate the implications of their analyses to their relevant audience.

Required Courses

GSE 510	Essential Mathematics for Economic Analysis	4
GSE 511	Microeconomic Analysis	4
GSE 512	Dynamic Stochastic Modeling	4
GSE 518	Essential Statistics for Econometrics	4
GSE 520	Advanced Econometrics I	4
GSE 522	Advanced Econometrics II	4
GSE 524	Computing and Machine Learning for Economics	4
GSE 526	Microeconometrics	4
Approved Electives (400-500 level) [1]		13
Comprehensive Exam		
Total units		**45**

[1]   To be selected with advisor's approval from economics or other courses in masters programs, such as: Master of Business Administration (GSB), Agribusiness (AGB), Master of City and Regional Planning (CRP), Engineering, Mathematics, Master of Public Policy. Maximum 12 units from 400 level courses. Maximum 12 units from courses other than GSE/ECON.