

ADVANCED QUANTITATIVE ECONOMICS CERTIFICATE

Advanced Quantitative Economics Certificate, 9 credits (3 courses)

Students in the Early Admission master's program can take up to 2 of these courses at the 5000/6000 level.

Code	Title	Hours
Required: Choose two from the following; if all three taken, one will count as the required elective below:		
ECON 4300 or ECON 530	Mathematical Economics Mathematical Economics	6
ECON 4810 or ECON 5810	Econometrics Models And Methods I Econometrics Models And Methods I	
ECON 4820 or ECON 582	Econometrics Models And Methods II Econometrics Models And Methods II	3
Select one elective ECON course from the following; all include data analysis applications:		
ECON 4050 or ECON 505	Population Economics Population Economics	3
ECON 4750 or ECON 5750	Health Economics Health Economics	
ECON 4250 or ECON 525	Labor Economics Labor Economics	3
ECON 4260 or ECON 6260	Behavioral Economics Behavioral Economics	
Total Hours		9

- PLO 1. Identification abilities. Students will demonstrate the ability to identify and describe economic phenomena using economic terms and concepts from the provided information and data.
- IPLO 2. Analytic and quantitative abilities. Students will demonstrate the ability to analyze economic models and its implications using graphical and quantitative tools. Students will demonstrate the ability to analyze economic data. In particular:\n
- PLO 3. Application abilities. Students will demonstrate the ability to apply economic theory to a range of economic problems.
- PLO 4. Communication skills. Student written work and/or oral presentations will demonstrate the ability to convey, interpret, and summarize ideas effectively in terms of content, clarity, syntax, and organization of information.