

Prof. Xiaodong Liu

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Location: ECON 119
Meeting Times: TTH 2:00-3:15
Office Hours: TTH 11:00-12:30

Course Description:

This is the second course of the first year econometrics sequence. Built on the fundamental concepts in probability and statistics covered in ECON 7818, this course introduces linear and nonlinear regression models, and methods for estimation and inference.

Prerequisite: ECON 7818 (or equivalent).

Text:

Davidson, R. and J. G. Mackinnon, 2004, *Econometric Theory and Methods*, Oxford University Press.

Other Reference Books:

1. Davidson, J., 2000, *Econometric Theory*, Blackwell Publishing.
2. Cameron, A. C. and P. K. Trivedi, 2005, *Microeconometrics*, Cambridge University Press.

Assessment:

There will be a midterm exam, a final exam, and periodic problem sets.

1. Homework assignments (20%)
2. Midterm examination (40%)
3. Final Examination (40%)

