

Econ 117a. Introduction to Data Analysis and Econometrics

Day / time: T/Th 1:00 - 2:15 pm

Course Type: Undergraduate

Course term: Fall

Year: 2018

Instructor(s): [Nicholas Ryan](#)

Core course

Introduction to data analysis from the beginning of the econometrics sequence; exposure to modern empirical economics; and development of credible economic analysis. This course emphasizes working directly and early with data, through such economic examples as studies of environmental/natural resource economics, intergenerational mobility, discrimination, and finance. Topics include: probability, statistics, and sampling; selection, causation and causal inference; regression and model specification; and machine learning and big data.

Prerequisites: ECON 108, 110, 115, or equivalent and familiarity with single variable calculus. Students who have taken 131 will not receive major credit for 117

Undergrad Course Category: Core

Methodology

Prerequisite List: Only intro micro as prerequisite

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