

ECONOMICS (EC)

Courses

EC 222. QR: Adv Macroeconomic Theory. 3 Credits.

Tools and lessons of advanced macroeconomic theory with a focus on programming in Mathematica to simulate the predictions of advanced theoretical models. Prerequisites: EC 170 or STAT 141, EC 171, EC 172.

EC 237. Economy as a Complex System. 3 Credits.

Enhances understanding of the application of simulation methods to economics. Topics include problems from micro and macroeconomics; game theory and general equilibrium; cellular automata, and agent-based modeling with learning and evolution. Prerequisites: EC 170 and EC 171 and EC 172.