



Evolutionary Economics

ECO 370, Section 46337

Fall 2015 Winslow Hall 201
MWF: 3:10 – 4:00pm Professor: Tim Waring

Course Overview

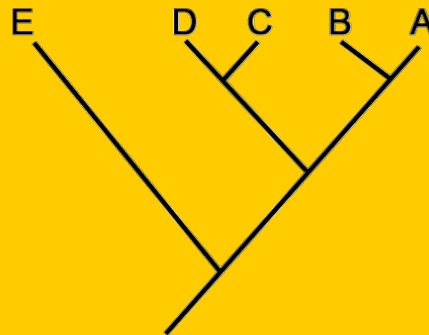
Evolution is a general phenomenon describing a certain type of change. The evolutionary process is not restricted to genetic or biological change alone. Evolutionary models address important gaps in the social sciences, and are useful in describing economic processes. We will begin with a study of the general processes of evolution, and those related specifically to human behavior, culture and society. We will then explore the field of evolutionary economics as it has developed. We will apply these new interpretive skills to student-built case studies, presentations, and computer simulations of evolving economic systems, from markets to technological evolution. *In the process we will change how you think about evolution, and about economics.*

Where do preferences come from?

What is evolution precisely?

Do economies evolve?

How?



http://cnx.org/contents/12696f5e-80cb-4399-9449-b753db45280b@6/Taxonomy_and_phylogeny



<http://cdn.wonderfulengineering.com>

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Course Learning Objectives

- Identify, describe and analyze evolutionary processes in economic systems.
- Detail the particular benefits of an evolutionary account of economic change.
- Use agent-based simulations of simple evolving economic systems and markets.
- Use evolutionary thinking and models to prescribe policy solutions.
- Identify and avoid “evolutionary story telling.”
- ... and the usual stuff: scientific thinking, good writing & communication

Learn more and download a reading list at:

timwaring.wordpress.com

