

Spring 2012

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Evolutionary Game Theory
LPS/Phil 144/244

T-Th / 11:00am – 12:20pm
SSTR 103

Course Description

Game theory is about problems of interactive decision making, where the consequences of a decision also depend on the choices of other decision makers. Such problems play an important role in the social sciences and in parts of biology. This course is an introduction to some basic game theoretic concepts from the point of view of evolutionary game theory. In particular, we investigate to what extent Nash equilibria can be understood as outcomes of evolutionary or learning processes. I will use my lecture notes for this course, which will be available on the course website.