

## Networks

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The minicourse will provide an overview of some recent research on social network formation as well as how network patterns of interactions affect behavior. It will begin with some background on empirical observations of social and economic networks, both in terms of their description and also in terms of their influence on behavior.

The course will then cover recent models of network formation combining random and game theoretic approaches. The course will then discuss models of how network structure affects learning, both Bayesian and non-Bayesian. This will conclude with discussion of recent models of games on networks, including static and repeated games.

### Background Readings:

Matthew O. Jackson (2008) *Social and Economic Networks*, Princeton University Press, <http://www.stanford.edu/~jacksonm/>

Matthew O. Jackson (2009) "An Overview of Social Networks and Economic Applications," <http://www.stanford.edu/~jacksonm/socialnetecon-chapter.pdf>