Topics in Microeconomics – Course Catalogue

This course will consist of lectures in three broad areas :

1. Topics in Economic and Social Networks :

2. Introduction to Mechanism Design

3. Matching Theory.

The bulk of the lectures will be on Economic and Social Networks.

The following book (pdf dowloadable) is an excellent introduction to the recent literature on Economic and Social Networks.

*Networks, Markets, Crowds* by David Easley and Jon Kleinberg.

A more advanced textbook is Networks : An Economic Approach by Sanjeev Goyal.

This is available in the library.

While the tools of analysis will be a combination of game theory and elementary graph theory, the lectures will be self-contained and no prior knowledge is assumed. Lecture notes will be distributed throughout the semester. Students will also have to read papers and other reading material during the semester.

**The course is open to all MA Economics students as well as ASP students who have majored in Economics.**

**Attendance Policy**

There is no formal attendance requirement. However, students who miss lectures will find it difficult to follow the material in subsequent lectures.

**Grading**

There will be a midterm exam (weight 40%) and three assignments (weight 20% each).