Microeconomic Theory – Choice and Competitive Markets

Goal
After successful completion of the course, the PhD student is expected to (i) be able to command and master fundamental methods and theories of microeconomics, (ii) have a rigorous understanding of how to formalize core microeconomic ideas into mathematical models, and (iii) be able to understand and critically reflect on scientific papers representing the research frontier of microeconomic theory.

Content
This course covers the modern microeconomic theory of economic choices made by individual consumers and firms. The course covers core microeconomic concepts and methods, such as choice, preferences and utility; properties of preferences and utility; consumer demand; revealed preferences; choice under uncertainty; social choice; competitive and profit-maximizing firms; and general equilibrium.

Prerequisites
Students enrolled in an economics PhD program. Other students may follow this course if they can demonstrate adequate proficiencies in economics and mathematics.

Target group
First year PhD students in economics.

Organization
Part-time course involving lectures, exercise sessions, and self-studies.

Literature
See separate list of literature.

Examination
Assignments or a written exam, or both.

Credits
7.5 credits.

Other information
This course is a part of the Swedish Graduate Program in Economics (SWEGPEC).