



SWEDISH UNIVERSITY OF AGRICULTURAL SCIENCES

Department of Economics

Syllabus

Experimental Economics for Sustainable Development

3,0 Credits

Code: P000062

Finalized by: People, Society and Sustainability research school, 2023-11-08

Valid from: Spring semester 2024 (2024-01-15)

Level within study regulation: Third cycle

Subject

Other social science

Entry requirements

Accepted as a PhD student in social science/business studies/economics (interested students from other subject areas may join upon agreement)

Examination formats

- Students present one recent research paper in the field, assigned by the course leader not later than four weeks before the start of the course; apart from the presentation, students write a short research proposal (of not more than three pages) on how to extend the experimental design of the paper they were assigned to
- Students submit an assignment on power calculations
- Students, in groups of up to four people, present an initial idea/design for an experiment in relation to sustainable development

Objectives

Upon completion of this course, the students will be able to:

- Describe the history and recent research in the field of Experimental Economics with a special emphasis on experiments addressing sustainability challenges
- Develop initial experimental designs in the field of economics with a focus on sustainability
- Discuss basics of statistical power in the design of an experiment
- Discuss potential and limitations of experimental approaches

Content

In this course, the history, classification, and empirical examples of economic experiments will be discussed. The course will give an overview of experiments with strategic interdependence, decision-theory experiments, and experimental consumer research. Principles of experimental design will be covered, so will power calculations for economic experiments.

- History, classification, and empirical examples of economic experiments
- Overview of experiments with strategic interdependence, decision-theory experiments, experimental consumer research
- Principles of experimental design
- Power calculations for economic experiments - Ethical considerations for economics experiments