



School of Economics and Management

EEH011F, Innovation for Sustainable Development 7.5 credits

Innovation och hållbar utveckling, 7,5 högskolepoäng
Third Cycle / Doktorandnivå

Details of approval

Approved by the Board of the Department of Economic History, Lund University School of Economics and Management 2021-03-09.

General Information

This is an optional course at the PhD programme.

The language of instruction is English.

Learning outcomes

On a general level the student will acquire advanced knowledge about innovation for sustainable development. More specifically the student will be able to:

Knowledge and understanding

- understand how innovation is related to economic, social and environmental sustainability at different geographical scales and parts of the world;

Competence and skills

- analyse and interpret the findings of advanced theoretical and empirical applications;

Judgement and approach

- critically assess the benefits and drawbacks of various technological and non-technological innovations in relation to economic, social and environmental sustainability.

Course content

This is a highly multidisciplinary course based on economics of innovation, sustainability studies, economic geography and development studies. This is an advanced course which builds on notions introduced in the “Economics of Innovation” and the “Energy transitions, Innovation and Trade” courses. The students will be introduced to the hard

and soft notions of sustainability and discuss how economic growth relates to socially inclusive and environmentally sustainable development and the role of innovations in achieving sustainable development.

Topics covered throughout the course include inclusive, social and sustainable innovations and innovation systems. Theoretical insights will be complemented with practical cases of innovations for sustainable development in a variety of sectors around the world. Among the cases that will be covered during the course are innovations related to food production and consumption, protection of ecosystems and sustainable tourism, water and waste management, housing, energy or transport. Examples of the so-called Nordic model will be combined with cases of innovation from developed and developing countries.

Teaching and assessment

The course is designed as a series of lectures and exercises. Grading is based on both individual and group performance, via papers and presentations.

The University views plagiarism very seriously, and will take disciplinary actions against students for any kind of attempted malpractice in examinations and assessments. The penalty that may be imposed for this, and other unfair practice in examinations or assessments, includes suspension from the University.

Grading scale

Marking scale: Fail or Pass.

Prerequisites

PhD students applying for this course should have at least 60 credit points in either economic history, business administration, economic and social geography, economics, history or the equivalent knowledge.

Further information

This course cannot be included in the same degree as EKHM75.