



Sveriges lantbruksuniversitet  
Swedish University of Agricultural Sciences

# SLUkurs

## Syllabus

**PNSo187 Innovation and the Bioeconomy, 5.0 credits**

## Syllabus approved

2019-09-18

## Subjects

Agricultural Science

## Education cycle

Third cycle

## Grading scale

Pass / Failed

The requirements for attaining different grades are described in the course assessment criteria which are contained in a supplement to the course syllabus. Current information on assessment criteria shall be made available at the start of the course.

## Language

English

## Prior knowledge

Enrolled as a PhD student

## Objective, including learning outcomes

Transitions to circular bioeconomy has gained considerable interests in policy, industry and academic circles to move society away from unsustainability and promote more sustainable futures. Innovation is needed to achieve such transitions. Upon

completion of this course, the students will be able to

- Describe and discuss ideas, concepts and theories of innovation and the bioeconomy.
- Identify, analyze and critically reflect on empirical examples of innovation in the bioeconomy.

## **Content**

This course builds on two interrelated parts; a review of different theoretical concepts of innovation and circular bioeconomy, interwoven with empirical cases of innovation from the food, fiber and energy sectors that promote a more circular bioeconomy in society. The course is implemented through a set of literature reviews, seminars and assignments, with about five scheduled course meetings.

## **Requirements for examination**

Examination is conducted through assessment of written assignments and active participation in seminars, for a grading outcome of pass/fail.

## **Additional information**

Application to the course should be sent to Per-Anders Langendahl, per.anders.langendahl@slu.se be written in English and include:

- name, affiliation, full address, e-mail and phone number
- name and affiliation of PhD supervisor
- short description of PhD project (0,5-1 page)

This course is offered by the research school Social Science Perspectives on Sustainable Development, an umbrella organization between the Department of Economics and the Department of Urban and Rural Development.

## **Responsible department**

Department of Economics