



Sveriges lantbruksuniversitet
Swedish University of Agricultural Sciences

SLUkurs

Syllabus

PNS0140 Processing Biomass, 3.0 credits

Syllabus approved

2016-05-17

Subjects

Biology

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

Higher academic degree or accepted as Ph.D. student in a scientific subject.

Objective, including learning outcomes

The course aims to give the participants a comprehensive, broad and up-to-date overview of how biomass is processed and refined into biofuels in Sweden, in Europe and worldwide.

Content

The course is divided into two main blocks:

The first part consists of an introductory seven day long workshop where all course participants take part in lectures, seminars, discussion groups, and study visits at a pellet factory, bio-ethanol production plant, bio-gas production plant.

The second part of the course is a home study period during which each course participant should complete an individual home assignment. Each course participant will either choose or be given a topic relevant for the scope of the course (i.e. a topic not covered during the first seven days of the course).

Requirements for examination

Based on the home assignment each participant should prepare a written presentation that shall be sent in to the course organisers. The individual assignment will thereafter be critically assessed and graded by the course organisers. Requirements for passed course:

Active participation in scheduled activities + Approved individual assignment

Additional information

The course is given within the Bioenergy Graduate School at SLU, and is free of charge for PhD students at SLU connected to this graduate school.

Responsible department

Department of Molecular Sciences