Sveriges lantbruksuniversitet
Swedish University of Agricultural Sciences

Syllabus

EX0720.1 Master thesis in Technology at the Unit of Biomass Technology and Chemistry, 30.0 credits

Master thesis in Technology at the Unit of Biomass Technology and Chemistry

The course is given as course independent of study programme

Syllabus discontinued 8 November 2013

Version 1 in Slukurs. Corresponds to version 1 in Ladok

Syllabus approved

24 August 2011

The version applies to students admitted from spring 2013 to spring 2013

The version is not a module version

Subjects

Technology

Education cycle

Second cycle

Modules

Title	Code	Credits
Single module	0101	30.0

Advanced study in the main field

Second cycle, contains degree project for Master of Arts/Master of Science (120 credits) (A2E)

Grading scale

5:Pass with Distinction, 4:Pass with Credit, 3:Pass, U:Fail
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

Approved Bachelor thesis in the first cycle or a Degree of Bachelor in technology or Forest Sciences. Knowledge equivalent to 30 credits at advanced level in technology or Forest Science including at least 15 credits in technology. Knowledge equivalent to English B from upper secondary school. Special demands for special thesis may occur.

Objectives

The student shall after completion of the thesis be able to:
- use previously acquired knowledge in order to independently and individually solve an assignment at advanced level
- identify a scientific problem, choose a suitable problem solving method, and collect relevant data
- search and collect literature or other information needed to put the work in a scientific context
- analyse and discuss collected data on a scientific basis
- write a report where the study is presented in a correct, interesting and linguistically good way
- orally present the study at a seminar

Content

To fulfil the learning outcomes, the student shall based on previously acquired knowledge and in collaboration with the supervisor identify a for the subject suitable problem. The student work independently with support from the supervisor. The student has access to library, computers and other special equipment that might be needed to solve the problem. The student shall report the work in paper that

is graded based on introduction to the problem, problem formulation, description of material and methods, data processing, conclusions, use of literature, linguistic usage, and extent of irrelevant text.

Implementation

Scheduled activities

Presentation of literature search

approx. 3 Hours

Compulsory

Report seminar

approx. 2 Hours

Compulsory

Individual studies, not scheduled

Literature search

approx. 80 Hours

Planning and data aquisition

approx. 240 Hours

Compilation and analyses of data and report writing

approx. 440 Hours

Preparing report seminar and publishing

approx. 35 Hours

Total

approx. 800 Hours

Formats and requirements for examination

1. Literature search within the scientific area in question
2. Oral presentation of the results at a seminar, with an audience familiar with the scientific area.
3. Scientific report which should be electronically published in EPSILON.

Approved demands according to above. The examiner approves of the thesis when it fulfils the scientific and reporting requirements.

- If the student fails a test, the examiner may give the student a supplementary assignment, provided this is possible and there is reason to do so.
- If the student has been granted special educational support because of a disability, the examiner has the right to offer the student an adapted test, or provide an alternative assessment.
- If changes are made to this course syllabus, or if the course is closed, SLU shall decide on transitional rules for examination of students admitted under this syllabus but who have not yet passed the course.
- For the examination of a degree project (independent project), the examiner may also allow the student to add supplemental information after the deadline. For more information on this, please refer to the regulations for education at Bachelor's and Master's level.

Additional information

The main part of the literature consists of scientific papers that the student independently finds and in cooperation with the supervisor judge as relevant to the project chosen.
More detailed information about master thesis is to be found in the report "Instruktion för Examensarbete vid Fakulteten för skogsvetenskap, SLU" and from the the deptartment of Forest Resource Management.
The Master thesis may start when the WORK PLAN is established and acknowledged.

- The right to take part in teaching and/or supervision only applies to the course date to which the student has been admitted and registered on.
- If there are special reasons, the student may take part in course components that require compulsory attendance at a later date. For more information on this, please refer to the regulations for education at Bachelor's and Master's level.

Responsible department

Department of Forest Biomaterials and Technology

Supplementary Information

Finalized by: Vice dekan S-fak