

## **Possibilities for further studies**

A student who has completed the Soil and Water Management - Master's Programme and been awarded the qualification fulfils the specific entry requirements for third-cycle studies at the Faculty of Natural Resources and Agricultural Sciences in the subject

- Soil Science
- Environmental Assessment

The specific entry requirements are based on both first and second-cycle studies. Detailed requirements for each third-cycle subject area are shown in the respective study plan for the third cycle, see link

<https://internt.slu.se/en/research-education-ema/phd-education/responsible-committees-and-director-of-studies/postgraduate-subjects/postgraduate-subjects-at-the-nl-faculty/>

This appendix to the programme syllabus was approved by the study programmes board on 12 November and is valid as of the 2007/08 academic year. (Reg. no SLU ua 30-1558/07).

## Study plan for Soil and Water Management – Master’s Programme

### Programme structure for students admitted in autumn 2007

Year	Period 1	Period 2	Period 3	Period 4*	Summer
<b>1</b> 2007/08	<b>MV0159</b> Water and solute transport in the soil-plant system, 10 credits  <b>MV0141</b> Introduction - Soil and water management, 5credits	<b>MV0158</b> Soil and water chemistry, 10 credits  <b>BI0883</b> Soil biology, 5 credits	<b>MV0160</b> Watershed management with focus on eutrophication, 10 credits <b>MV0172</b> Biogeochemistry - element cycles and climate change, 5 credits or <b>BI0882</b> Ecological microbiology, 5 credits	<b>MX0052</b> Applied environmental assessment, 10 credits  <b>MV0166</b> Project - Soil and water management, 5 credits or <b>MV0163</b> Agroforestry - concepts and field methods, 5 credits	<b>MX0061/ MX0024</b> Sustainable use of natural resources in Sweden/USA – international course, 5 credits /5credits
<b>2</b> 2008/09	<b>MV0157</b> Water management, soil conservation and land evaluation, 10 credits  <b>MV0162</b> Soils of the world, 5 credits	<b>MV0178</b> Plant nutrition in agricultural and forest eco-systems, 10 credits <b>MV0166</b> Project- Soil and water management, 5 credits	<b>EX0431/EX0430</b> Independent project/degree project in Environmental Science/Soil Science E, 30 credits		

\*There is a possibility to do an independent project comprising 15 credits.

**In order for the degree certificate to state that the programme was completed according to the programme syllabus for the Soil and Water Management - Master's Programme the following requirements must be met:**

Approved compulsory programme courses of 30 credits comprising

- Soil and water chemistry 10 credits (MV0158)
- Soil biology, 5 credits (BI0883)
- Soils of the world, 5 credits (MV0162)
- Water and solute transport in the soil-plant system, 10 credits (MV0159)

Furthermore elective courses of at least 45 credits of the following courses are required

- Agroforestry - concepts and field methods, 5 credits (MV0163)
- Applied environmental assessment, 10 credits (MX0052)
- Biogeochemistry- element cycles and climate change, 5 credits (MV0172)
- Ecological microbiology, 5 credits (BI0882)
- Introduction - Soil and water management, 5 credits (MV0141)
- Sustainable use of natural resources in USA, International course, 5 credits (MX0024) (is given every other year, start summer 2009)
- Plant nutrition in agricultural- and forest ecosystems, 10 credits (MV0178)
- Project- Soil and water management, 5 credits (MV0166)
- Sustainable use of natural resources in Sweden, International course, 5 credits (MX0061) (is given every other year, start summer 2008)
- Water management, soil conservation and land evaluation, 10 credits (MV0157)
- Watershed management with focus on eutrophication, 10 credits (MV0160)

For a degree with **Soil science** as the main field: Approved independent project of 30 credits in Soil science, according to instructions for the programme.

For a degree with **Environmental science**: as the main field: Approved independent project of 30 credits in Environmental science, according to instructions for the programme.

This appendix to the programme syllabus was approved by the study programmes board on 12 November 2007 and is valid as of the 2007/08 academic year (Reg.no SLU ua 30-1558/07).

### **Instructions for independent projects**

All independent projects (degree projects) must follow the joint guidelines that apply for independent work at SLU (REB 2008-06-02, reg.no SLU ua 30-1972/08). This means that they are to be managed under the same routines and remits as other higher education.

Independent projects are tied to a syllabus and the guidelines state that for projects comprising 15 credits or more, the syllabus must specify that they are to be published in Epsilon and examined for plagiarism in Urkund. In exceptional cases publication may be delayed; if so this must be stated in the student's individual work plan. The individual work plan is to serve as an appendix to the curriculum and must specify how the independent project will fulfil the intended learning outcomes related to the degree. The supervisor and the examiner may not be the same person, and the same guidelines apply for independent project examiners as for examiners on other courses (REB 2008-06-02, reg.no SLU ua 30-2050/08).

Agreements with external clients are handled in a separate contract between SLU and the client. In cases where students have an external supervisor there must also be a principal supervisor at SLU who is responsible for ensuring that the project is carried out in accordance with SLU's guidelines and the current syllabus.

In addition to the general instructions that apply for all programmes and to the instructions in the syllabus for independent projects in Soil Science and Environmental Science (Independent project/degree project in Soil Science E and Independent project/degree project in Environmental Science E) an independent project on the Soil and Water Management - Master's Programme must be related to the intended learning outcomes specified in the programme syllabus.

This appendix to the programme syllabus was approved by the study programmes board on 24 April 2008 and is valid as of the 2007/08 academic year.