

## **Possibility for further study**

A student who has completed the Enveuro – European master in Environmental Science and been awarded the qualification fulfils the specific entry requirements for third-cycle studies at the Faculty of Natural Resources and Agricultural Sciences in any of the subjects

- Biology
- Environmental Science

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://internet.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 14 October 2010 och is valid as of the 2011/12 academic year (Reg. no. SLU.ua.Fe.2010.3.0-3112).

## Study plan for EnvEuro – European Master in Environmental Science

### Programme structure for students admitted in autumn 2013

#### Soil Resources and Land Use

Example for programme structure if SLU is home university

Year	BSP		ASP-1		
	Period 1	Period 2	Period 3	Period 4	summer
1 2013/14	Environmental Management in Europe, 15 credits, starts with introduction one week in Köpenhamn ( <b>Compulsory</b> distance course from University of Copenhagen)		<b>MV0194</b> Land use and watershed management to reduce eutrophication, 10 credits  <b>BI1095</b> Microbial ecology, 5 credits  <b>BI1179</b> Agricultural cropping systems, 5 credits	<b>MX0096</b> Applied environmental assessment, 10 credits  <b>MV0172</b> Biogeochemistry – element cycles and climate change, 5 credits	Environmental case studies in Europe, 7,5 credits
	<b>MV0198</b> Water and solute transport in the soil-plant system, 10 credits  <b>BI1087</b> Introduction to master's study, 5 credits  <b>MV0199</b> Soils of the world, 5 credits  <b>MV0197</b> Water management, soil conservation and land evaluation, 10 credits	<b>BI0883</b> Soil biology, 5 credits  <b>MV0196</b> Soil and water chemistry, 10 credits  <b>MX0087</b> Risk assessment of pollutants in soils and waters, 5 credits  <b>BI0876</b> Safe nutrient recycling, 10 credits			
<b>ASP-2</b>					
2 2014/15	Elective and/or compulsory courses at host university, 30 credits		Independent project in Environmental Science – Master's thesis, 30 credits		

## Water Resources

Example for programme structure if SLU is home university

Year	BSP		ASP-1		
	Period 1	Period 2	Period 3	Period 4	summer
1 2013/14	Environmental Management in Europe, 15 credits, starts with introduction one week in Köpenhamn ( <b>Compulsory</b> distance course from University of Copenhagen)		<b>MV0194</b> Land use and watershed management to reduce eutrophication, 10	<b>MX0096</b> Applied environmental assessment, 10 credits	Environmental case studies in Europe, 7,5 credits
	<b>MV0198</b> Water and solute transport in the soil-plant system, 10 credits  <b>BI1087</b> Introduction to master's study, 5 credits  <b>MV0199</b> Soils of the world, 5 credits  <b>MV0197</b> Water management, soil conservation and land evaluation, 10 credits	<b>BI0883</b> Soil biology, 5 credits  <b>MV0196</b> Soil and water chemistry, 10 credits  <b>MX0087</b> Risk assessment of pollutants in soil and water, 5 credits  <b>BI0876</b> Safe nutrient recycling, 10 credits			
<b>ASP-2</b>					
2 2014/15	Elective and/or compulsory courses at host university, 30 credits		Independent project in Environmental Science – Master's thesis, 30 credits		

## Environmental Management

Example for programme structure if SLU is home university

Year	BSP		ASP-1		summer
	Period 1	Period 2	Period 3	Period 4	
1 2013/14	Environmental Management in Europe, 15 credits, startar med en veckas introduktion i Köpenhamn ( <b>Obligatorisk</b> distanskurs från Köpenhamns universitet)		<b>LU0056</b> International rural development I, 10 credits	<b>MX0096</b> Applied environmental assessment, 10 credits	Environmental case studies in Europe, 7,5 credits
	<b>BI1087</b> Introduction to master's study, 5 credits  <b>MV0198</b> Water and solute transport in the soil-plant system, 10 credits  <b>MX0100</b> Introduction to environmental communication, 15 credits  <b>LU0078</b> The context and process of research I: Theories and methods I, 7,5 hp  <b>LU0079</b> The context and process of research II: Theories and methods II, 7,5 hp  <b>LU0055</b> Rurality, livelihood and gender, 15 credits	<b>LU0058</b> Sustainable natural resource management, 15 credits  <b>BI0883</b> Soil biology, 5 credits  <b>MV0196</b> Soil and water chemistry, 10 credits  <b>MX0073</b> Environmental impact assessment – Survey course, 5 credits  <b>MX0087</b> Risk assessment of pollutants in soil and waters, 5 credits  <b>LU0059</b> The process of research: Methods, data analysis and scientific writing, 15 credits  <b>MX0101</b> Systems thinking and social learning in natural resource management, 15 credits	<b>MX0099</b> Facilitation in project and conflict management, 15 credits  <b>TN0268</b> Systems analysis for sustainable development, 5 credits  <b>MV0194</b> Land use and watershed management to reduce eutrophication, 10 credits	<b>MX0097</b> Communicative strategy, 10 credits  <b>MX0098</b> Communicative theories, 5 credits  <b>FÖ0309</b> Ethics, 5 credits	
<b>ASP-2</b>					
2 2014/15	Elective and/or compulsory courses at host university, 30 credits		Independent project in Environmental Science – Master's thesis, 30 credits		

**In order for the degree certificate to state that the programme was completed according to the programme syllabus for the EnvEuro - European master in Environmental Science, the following requirements must be met:**

Approved courses in Environmental Science of 30 credits:

- Environmental Management in Europe, 15 credits (Compulsary distance course from University of Copenhagen)
- Course/courses of at least 15 credits in Environmental science at SLU and/or the host university

Approved elective programme courses of 45 credits at SLU of following courses:

### **Main field Environmental Science**

- Introduction to environmental communication – Society, social interaction and communicative skills, 15 credits (MX0100)
- The context and process of research I: Theories and Methods, 7,5 hp (LU0078)
- The context and process of research II: Theories and Methods, 7,5 hp (LU0079)
- Rural livelihood and gender, 15 credits (LU0055)
- Sustainable natural resource management, 15 credits (LU0058)
- Environmental impact assessment – Survey course, 5 credits (MX0073)
- The process of research: Methods, data analysis and scientific writing, 15 credits (LU0059)
- Systems thinking and social learning in natural resource management, 15 credits (MX0101)
- Facilitation in project and conflict management, 15 credits (MX0099)
- Communicative strategy, 10 credits (MX0097)
- Communicative theories, 5 credits (MX0098)
- Applied environmental assessment, 10 credits (MX0096)
- Biogeochemistry – element cycles and climate change (MV0172)
- Environmental case studies in Europe, 7,5 credits
- Introduction to master's study, 5 credits (BI1087)
- Project – soil and water management, 5 credits (MV0166)
- Risk assessment of pollutants in soil and water, 5 credits (MX0087)
- Safe nutrient recycling, 10 credits (BI0876)
- Soil and water chemistry, 10 credits (MV0196)
- Systems analysis for sustainable development, 5 credits (TN0268)
- Water and solute transport in the soil-plant system, 10 credits (MV0198)
- Land use and watershed management to reduce eutrophication, 10 credits (MV0194)

**Other main fields**

- Agricultural cropping systems, 5 credits (BI1179)
- Ethics, 5 credits (FÖ0309)
- International rural development I, 10 credits (LU0056)
- Microbial ecology, 5 credits (BI1095)
- Soil biology, 5 credits (BI0883)
- Soils of the world, 5 credits (MV0199)
- Water management, soil conservation and land evaluation, 10 credits (MV0174)

Approved courses of 30 credits at another university within EnvEuro.

Approved independent project of at least 30 credits in Environmental Science, according to instructions for the programme. The independent project is carried out at the host university.

This appendix to the programme syllabus was approved by the study programmes board on 10 October 2012 (Reg. no. SLU.ua.Fe.2012.3.2-2780).

## **Instructions for independent projects**

All independent projects (degree projects) must follow the joint guidelines that apply for independent work at SLU (REB 2011-07-01, Reg. no. SLU ua Fe.2011.3.2-2336. 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 a supplement 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 2011-07-01, Reg. no. SLU ua Fe.2011.3.0-2335).

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 project in environmental science (Independent project in Environmental Science – Master's thesis) an independent project on the EnvEuro must be related to the intended learning outcomes specified in the programme syllabus.

The independent project shall be carried out at the host university with a principal supervisor from the host university and an assistant supervisor from SLU. Further instructions on EnvEuros home page <http://www.enveuro.eu/Master-programme/Masters-thesis.aspx>.

This appendix to the programme syllabus was approved by the study programmes board on 2 Mars 2011 and is valid as of the 2011/12 academic year (Reg. no. SLU.ua.Fe.2010.3.0-3112).