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://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 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 Environomental Science

Programme structure for students admitted in autumn 2011

Ecosystems and Biodiversity

Example for programme structure if SLU is home university

<table>
<tr><th></th><th colspan="2">BSP</th><th>ASP-1</th><th></th><th></th></tr>
<tr><th>Year</th><th>Period 1</th><th>Period 2</th><th>Period 3</th><th>Period 4</th><th>summer</th></tr>
<tr><td rowspan="3">1
2011/12</td><td colspan="2">Environmental Management in Europe, 15 credits, starts with introduction one week in Köpenhamn (Compulsory distance course from University of Copenhagen)</td><td>BI1082
Applied population biology, 15 credits</td><td rowspan="3">BI1080
Landscape ecology, 15 credits

BI1157
Fish and wildlife management, 15 credits Umeå</td><td rowspan="3">Environmental case studies in Europe, 7,5 credits</td></tr>
<tr><td colspan="3">BI1042 Cryptogams and Nature Conservation, 15 credits</td></tr>
<tr><td>BI1083
Ecological concepts, 10 credits

BI1087
Introduction to master’s study, 5 credits

BI0872
Wildlife biology, 15 credits

BI1090
Plants and fungi: species knowledge and nature conservation, 15 credits

BI1041
Insect biology and diversity, 15 credits

BI1044
Plant pathology, 15 credits

BI0874
Ecology & management of diseases and pests of forest trees, 15 credits

MS0037
Statistics for biologists I, 7,5 credits</td><td>BI1084
Ecological methods, 15 credits

BI1055
Applied insect ecology, 15 credits

BI1173
Conservation biology, 10 credits

BI0869
Forest environment and conservation, 15 credits

BI1103 Genetic diversity and plant breeding, 15 credits

MS0038
Statistics for biologists II, 7,5 credits</td><td>(SG0028
Forest production for multipurpose use, 10 credits Kurstillfället inställt)

BI1126
Human dimensions of fish and wildlife management, 15 credits (Umeå)

MX0095
Ecotoxicoloy, 10 credits</td></tr>
</table>

	ASP-2		
2 2012/13	Elective and/or compulsory courses at host university, 30 credits	Independent project in Biology – Master's thesis, 30 credits	

Soil Resources and Land Use

Example for programme structure if SLU is home university

	BSP		ASP-1		
Year	**Period 1**	**Period 2**	**Period 3**	**Period 4**	**summer**
1 **2011/12**	Environmental Management in Europe, 15 credits, starts with introduction one week in Köpenhamn (**Compulsory** distance course from University of Copenhagen)		**MV0177** Watershed management with focus on eutrophication, 10 credits **BI1095** Microbial ecology, 5 credits **MX0095** Ecotoxicology, 10 credits	**MX0096** Applied environmental assessment, 10 credits **MV0172** Biogeochemistry – element cycles and climate change, 5 credits	Environmental case studies in Europe, 7,5 credits
	MV0187 Water and solute transport in the soil-plant system, 10 credits **BI1087** Introduction to master's study, 5 credits **BI1094** Contaminated soils – risk assessment and remediation, 5 credits **MV0162** Soils of the world, 5 credits **MV0174** Water management, soil conservation and land evaluation, 10 credits	**BI0883** Soil biology, 5 credits **MV0186** Soil and water chemistry, 10 credits **MX0087** Risk assessment of pollutants in soils and waters, 5 credits **BI0876** Safe nutrient recycling, 10 credits			
	(BI1175 Global environmental problems, 10 credits **cancelled)**				

	ASP-2		
2 2012/13	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

	BSP		**ASP-1**		
Year	**Period 1**	**Period 2**	**Period 3**	**Period 4**	**summer**
1 **2011/12**	Environmental Management in Europe, 15 credits, starts with introduction one week in Köpenhamn (**Compulsory** distance course from University of Copenhagen)		**MV0177** Watershed management with focus on eutrophication, 10 credits **BI1095** Microbial ecology, 5 credits **MX0095** Ecotoxicology, 10 credits **TN0268** Systems analysis for sustainable development, 5 credits	**MX0052** Applied environmental assessment, 10 credits **MV0172** Biogeochemistry – element cycles and climate change, 5 credits **MV0166** Project – soil and water management, 5 credits **MX0049** Integrated water resource governance, 15 credits	Environmental case studies in Europe, 7,5 credits
	MV0187 Water and solute transport in the soil-plant system, 10 credits **BI1087** Introduction to master's study, 5 credits **BI1094** Contaminated soils – risk assessment and remedition, 5 credits **MV0162** Soils of the world, 5 credits **MV0174** Water management, soil conservation and land evaluation, 10 credits **MX0105** Water resource dilemmas, uncertainty and complexity: the biophysical basis, 10 credits	**BI0883** Soil biology, 5 credits **MV0186** Soil and water chemistry, 10 credits **MX0087** Risk assessment of pollutants in soil and water, 5 credits **BI0876** Safe nutrient recycling, 10 credits			

	ASP-2		
2 2012/13	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:

For a degree of master (120 credits) in the main field Biology)
Approved compulsory course of 15 credits):

- Environmental Management in Europe, 15 credits (Compulsary distance course from University of Copenhagen)

Approved elective programme courses of 30 credits at SLU of the following courses:

- Applied population biology, 15 credits
- Applied insect ecology
- Conservation Biology, 10 credits
- Cryptogams and Nature Conservation, 15 credits
- Ecological concepts, 10 credits
- Ecological methods, 15 credits
- Ecology & management of diseases and pests of forest trees, 15 credits
- Exotoxicology, 10 credits
- Environmental case studies in Europe, 7,5 credits
- Fish and wildlife management, 15 credits
- Forest environment and conservation, 15 credits
- Forest production for multipurpose use, 10 credits
- Genetic diversity and plant breeding, 15 credits
- Human dimensions of fish and wildlife management, 15 credits
- Introduction to master's study, 5 credits
- Insect biology and diversity, 15 credits
- Landscape ecology, 15 credits
- Plants and fungi: species knowledge and nature conservation, 15 credits
- Plant pathology, 15 credits
- Wildlife biology, 15 credits

Eligible courses

- Statistics for biologists I, 7,5 credits
- Statistics for biologists II, 7,5 credits
- Sustainable natural resource management, 15 credits

At another university within EnvEuro:
Semester 3: Courses comprising 30 credits.

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

For a degree of master (120 credits) in the main field Environmental science
Approved compulsory course of 15 credits:

- Environmental Management in Europe, 15 credits (Compulsary distance course from University of Copenhagen)

Approved elective programme courses of 30 credits at SLU of the following courses:

- Applied environmental assessment, 10 credits
- Biogeochemistry – element cycles and climate change, 5 credits
- Ecotoxicology, 10 credits
- Environmental case studies in Europe, 7,5 credits
- Global environmental problems, 10 credits
- Introduction to master's study, 5 credits
- Integrated water resource governance, 15 credits
- Project – soil and water management
- Risk assessment of pollutants in soil and water, 5 credits
- Safe nutrient recycling, 10 credits
- Soil and water chemistry, 10 credits
- Systems analysis for sustainable development, 5 credits
- Water and solute transport in the soil-plant system, 10 credits
- Watershed management with focus on eutrophication, 10 credits
- Water Resource Dilemmas, uncertainty and complexity, the biophysical basis, 10 credits

Eligible courses:

- Contaminated soils – risk assessment and remediation, 5 credits
- Microbial ecology, 5 credits
- Soil biology, 5 credits
- Soils of the world, 5 credits
- Statistics for biologists I, 7,5 credits
- Statistics for biologists II, 7,5 credits
- Sustainable natural resource management, 15 credits
- Water management, soil conservation and land evaluation, 10 credits

At another university within EnvEuro:
Semester 3: Courses of 30 credits.

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 16 February 2011 and is valid as of the 2011/12 academic year (Dnr SLU.ua.Fe.2010.3.2-3112).

Appendix 3, Programme Syllabus for EnvEuro – European Master in Environmental Science

Instructions for independent projects

All independent projects (degree projects) must follow the joint guidelines that apply for independent work at SLU (REB 2010-05-10, reg.no. SLU ua 30-1405/10). 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 coursesr (REB 2010-05-10, reg.no. SLU.ua.Fe.2010.3.0-1440).

Agreements with external cleints 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 biology (Independent project in Biology – Master´s thesis) alternative 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).