

BEE 2012-2014 - Barents Master's Degree Programme in Environmental Engineering

Period→ Study year ↓	1 3.9.-5.10.2012	2 8.10.-9.11.2012	3 12.11.-14.12.2012	4 7.1.-8.2.2013	5 11.2.-22.3.2013	6 25.3.-10.5.2013
YEAR I	Orientation to the BEE Studies					
Study option	Intro. to the Environm. Issues of the Barents Region		Sustainable Development	Process Design		Environm. Issues in BR
Clean				Experimental Design		Adv. Separ. Proc. (2014)
Production	Global Change				Advanced Process Design	
Basic & Advanced modules		Industrial Ecology			Industrial and Municipal Waste Management	
		Process & Env. Catal.			Environmental Legislation	Env. Load of Process Ind.
					Ympäristöekologia (Environmental Ecology)	Summer: Adv. Pract. Tr.
	Research Methodology					
Year II	Prod. Use of Energy	Virtausdyn. (Flow Dyn.)	Air Pollution Control Eng.			
Study option			Non-ideal Reactors			
Clean			Simulation			
Production			Chemical Process Simulation			
Supplementary module	(by Dept. Industrial Engineering & Management: Risk management)					
& Master' thesis			(by Fac. Econ & Busin. Adm.: Princ. of Env. Econ.)			
			(by Fac. Econ & Busin. Adm.: Business Logistics)			
	(Courses by the BEE or BCBU partner universities)					
	Master's thesis					
YEAR I	Orientation to the BEE studies					
Study option				Environmental legislation		Adv. Separ. Proc. (2014)
Water and Environment	Introduction to the environmental issues of the Barents Region		Sustainable Development	Process Design		Environm. Issues in BR
Basic & Advanced modules				Experimental Design	Industrial and Municipal Waste Management	
	Water and Wastewater Treatment				Hydrologiset prosessit (Hydrological Processes)	
			Research Methodology			
	Laboratory and field measurements in environmental engineering					
Year II	(by Dept. Industrial Engineering & Management: Risk management)					
Study option			(by Fac. Econ & Busin. Adm.: Princ. of Env. Econ.)			
Water and Environment			(by Fac. Econ & Busin. Adm.: Business Logistics)			
Supplementary module	(Courses by the BEE or BCBU partner universities)					
& Master' thesis	Environmental Impact Assessment					
		Industrial Ecology	Introduction to Surface Water Quality Modelling			
	Global Change					
	Grounwater Eng. (2013)					
	Statistical Methods (2013)		Water Resources Management (2013-2014)			
	Master's thesis					

21.3.2012

Saara Luhtaanmäki

Planning officer

24.4.2012

Marita Puikkonen

BEE Study Advisor