



HÖGSKOLAN I GÄVLE

Advanced studies of Sustainability in Nordic Ecosystems 7.5 cr

Avancerade studier av hållbarhet i nordiska ekosystem 7,5 hp

Set by Faculty of Health and Occupational Studies

Version	Set at	Valid from
	10/9/17	HT2017

Level	A1N
Education level	Second cycle
Course identifier	BIA007
Credits	7.5 cr
Main field of study	Biology
Subject group	Biology
Disciplinary domain	Natural sciences 100.0 %

Learning outcomes	On completion of the course the student should be able to: 1. describe environmental conditions of concern regarding sustainability in Nordic ecosystems 2. analyse current environmental issues in the Nordic countries 3. evaluate past and present environmental problems and propose ways to improve conditions 4. discuss the importance of sustainable use of natural resources. 5. communicate to different audiences the importance of stimulating a sustainable development in Nordic ecosystems
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Course content	<ul style="list-style-type: none">- Fishery, mining agriculture and forestry today and in history- Energy use in Sweden- The use of nature for recreation, fishing, hunting and ecotourism- Soil and land use in Swedish agriculture- Effects of climate change- Use and misuse of natural resources- Consequences of pollution in cold climates- Practical Communication activities of sustainable development to different audiences- Examples of different types of companies that promote sustainable development
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Teaching	Lectures, seminars (in- and outdoor), Projects (out- indoors), and excursions. Participation in seminars, projekts and exkursions is compulsory.		
Prerequisites	Bachelor of Science degree in Biology, Horticulture, Agriculture or equivalent education and English 6.		
Examination	Written and oral examinations. Active participation during seminars, projekts and exkursions. Oral and written projects presentation		
Grade	A, B, C, D, E, Fx, F		
Other regulations	Criteria for final grade will be handed out at the beginning of the course by the course coordinator or the examiner. All parts of the cours vill be included in the final grade. Examination include compulsory seminars, projekts, workshops studievisits, workshops and exkursions. The course is given in English		
Sustainable environment	The majority of the course content deals with sustainable development..		
Module			
	0010	Excursions and field trips (learning outcomes 1-5)	Grade: UV
	0020	Seminars and exercises (learning outcomes 1-5)	Grade: UV
	0030	Project work (learning outcomes 1-5)	Grade: UV