



Natural Resource Management and Resilience Building of Social-ecological Systems 7.5 cr

Naturrensursförvaltning och resiliensbyggnad för social-ekologiska system 7,5 hp

Set by Faculty of Engineering and Sustainable Development

Version	Set at	Valid from
	4/22/20	HT2021

Level	A1N
Education level	Second cycle
Course identifier	MIA009
Credits	7.5 cr
Main field of study	Sustainability Science
Subject group	Environmental Science
Disciplinary domain	Natural sciences 50.0 % Social sciences 50.0 %

Learning outcomes	After completion of the course, the student shall be able to <ol style="list-style-type: none">1. understand the central characteristics, features and concepts in resilience management of natural resources and social-ecological systems2. describe why and to what extent change and disturbance are important for ecosystem renewal3. review and critically reflect on the differences between management for sustainability and management for resilience4. discuss sustainable relations between psychological, social, and ecological factors in people's everyday habits5. analyze different urban sustainability approaches and models.
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Course content	The course contains ontological perspectives on natural resources, social-ecological systems and resilience. It also covers central concepts, theories and perspectives on these issues, including systems analysis and urban sustainability.
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Teaching	Lectures, seminars and group tasks
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Prerequisites	At least 180 credits first-cycle degree comprising at least 60 credits in sustainability science, environmental engineering, technology, psychology, industrial design, business administration, natural resource management, leadership, organization and governance, or other relevant main area.			
	In addition, knowledge of English is required corresponding to what is required basic eligibility for Swedish university education at undergraduate level.			
Examination	Written examination and seminars			
	Module 0010 Written assignment 5 cr, examines learning outcomes 1-3, grades A-F			
	Module 0020 Seminars 2.5 cr, examines learning outcomes 4-5, grades Pass, Fail			
Grade	A, B, C, D, E, Fx, F			
Other regulations	Degree Criteria for the final grade will be handed out by course responsible or examiner latest at the beginning of the course.			
Sustainable environment	The majority of the course content deals with sustainable development..			
Module	0010	Written assignment	5 cr	Grade: AF
	0020	Seminars	2.5 cr	Grade: UG