Exempel på hållbarhetslösningar - projektkurs  
Sustainability solutions in context - client project

IMEN68, 10 credits, A (Second Cycle)

Valid for:  
Decided by: PLED W  
Date of Decision: 2018-03-22

General Information

Main field: Environmental Management and Policy. Depth of study relative to the degree requirements: Second cycle, has second-cycle course/s as entry requirements.  
Compulsory for: XA_EMP2  
Language of instruction: The course will be given in English

Aim

This is the capstone team project and provides an opportunity to develop solutions for a client facing an environment-related challenge – normally somewhere in Europe. The project is carried out in teams and involves understanding the problem in the given context, research and benchmarking, on-site information-gathering and analysis, interaction on findings, and final reporting. The multi-disciplinary teams are challenged to develop for the client meaningful advice on a real-world complex problem with time and information constraints.

Learning outcomes

Knowledge and understanding  
For a passing grade the student must

• Demonstrate the ability to contrast, and reflect upon the contribution of, different disciplinary perspectives on the specific real-world problem/phenomenon addressed in the project.  
• Demonstrate the ability assess the relevance of, and apply, sustainability concepts, tools and strategies in a specific real-world context.  
• Demonstrate ability to identify and/or create potential solutions for a professional client and assess their relative viability in the specific project context.

Competences and skills  
For a passing grade the student must

• Demonstrate the ability to plan, execute and report a project for a professional client, within a given timeframe, following principles for good project management in complex settings involving several stakeholders.  
• Demonstrate the ability to describe, analyse and intervene in a real-life complex system using a systematic approach.  
• Demonstrate the ability to solicit and understand the perspectives of different people/stakeholders relevant to the project  
• Demonstrate the ability to systematically synthesize and analyze a broad range of information, including academic literature and other written sources sources, as well as first hand empirical data  
• Demonstrate the ability to effectively align efforts and leadership in the completion of the project with that of fellow team members
• Demonstrate the ability to create a report that can serve as decision support for a non-academic audience.

Judgement and approach

For a passing grade the student must

• Demonstrate the capability to reflect on how their own ways of thinking are based on certain values which are affected by, and impact upon, others and the world around them
• Demonstrate the ability to identify the personal need for further knowledge and take responsibility for his or her ongoing learning
• Demonstrate the ability to make assessments in the main field of study informed by relevant disciplinary, social and ethical issues and also to demonstrate awareness of ethical aspects of research and development work

Contents

The teams are presented their task and client. Based on this the teams ensure that problem is defined in a way that is meaningful to the project, develop a plan for the project, gather information to support the project based in Lund, engage with the client in the local setting further gathering information for the project, present the initial findings in a workshop to the client, engage in documentation of the project, and finally reflection. Teams are supported by a supervisor throughout the process. To prepare students for the assignment the course also includes lectures/seminars related to project management and consultancy skills, with a particular focus on consultancy and facilitation in multi-stakeholder settings.

Examination details

Grading scale: TH - (U,3,4,5) - (Fail, Three, Four, Five)
Assessment: The assessment of the course is based on several milestones and outputs from the teams. The final course grade is based on the quality of the “inception phase” report and oral presentation/defence of this (30%) and the final project report and oral presentation (70%). Individual adjustment of the group grade can be made based on assessment of the individual’s participation in consultations and feedback sessions, and the individual’s contribution to the written reports, as well as the oral presentation.

The examiner, in consultation with Disability Support Services, may deviate from the regular form of examination in order to provide a permanently disabled student with a form of examination equivalent to that of a student without a disability.

Admission

Admission requirements:

• Students should have been admitted to the MSc Programme in Environmental Management and Policy, and have completed a minimum of 52.5 credits of programme courses

The number of participants is limited to: No
The course overlaps following course/s: IMEN55

Reading list

• According to a literature list that will be available at the latest eight weeks before start of the course on the course web page.

Contact and other information

Course coordinator: Håkan Rodhe, hakan.rodhe@iiiee.lu.se
Course homepage: http://www.iiiee.lu.se/education/emp/curriculum