Course curriculum for IMEN54  Applied Research in Preventive Environmental Approaches

1. General information
Course code: IMEN54
Course title: Applied research in preventive environmental approaches
Main field: Environmental Management and Policy
Master Level. Advanced level A1F
Credit points: 6 ECTS
Language of instruction: English
Approved by Utbildningsnämnd C, Lund University, Faculty of Engineering, 9 April 2014
Valid from Autumn semester 2014

2. General Description of the Course
This course is a compulsory course in the third semester of the MESPOM (MSc in Environmental Science, Policy and Management) programme. The course builds on the previous knowledge built during the first and second semesters of the programme and it is a preparation for the individual research projects undertaken in the final thesis semester.

3. Learning outcomes
On completion of the course a student will be able to prepare an academic paper, and thereby will be able to undertake the following tasks:

- Identify a relevant problem;
- Formulate research questions, aims and objectives;
- Design and apply methodology;
- Gather information for the research task;
- Analyse collected information in an objective manner;
- Draw conclusions on the problem researched and provide reflections;
- Present and argue findings from the research task;
- Demonstrate adequate knowledge in a particular topic; and
- Review the work of other students in the class using relevant scientific and ethical aspects.

4. Course content
The course is carried out in the form of an individual research project and the outcome is an individual research paper and input to a peer review process. In addition, a presentation, proposal and plan are required to support the preparation and development of the research paper. ARPEA will introduce the students into research on preventive environmental approaches and the research topic is selected from the research interests/projects of IIIEE research staff. The research projects are presented and defended in a form that allows appropriate discussion and feedback of the individual paper, as well as a common discussion of the research area.

5. Teaching and assessment
The course is designed as a research project with individual work under supervision of IIIEE research staff. The results are presented in a paper based on preparation tasks, including a presentation, discussions, proposal and plan. Grading is based on the quality of the paper and preparation tasks.

Grading scale
The following grades are used: Fail -3 – 4 – 5 (TH).

6. Prerequisites
Students should have completed the first and second semesters of the MESPOM programme.

7. Literature
There is no specific course literature for this course.