Course Curriculum for IMEN52 Environmental Management in Organisations

1. General information
Course code: IMEN52
Course name: Environmental Management in Organisations
Main field: Environmental Management and Policy
Master level. Advanced level A1F
Credits: 9 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 two semesters of the programme and provides a basis for both professional activities in the area and individual research projects within the IMEN54 (ARPEA) course and the final thesis semester.

3. Learning outcomes
On completion of the course the student shall have
- Ability to discuss sustainability in a business strategy perspective
- Ability to critically analyse and evaluate green business strategies and their implications in the market place.
- Ability to describe and discuss fundamental aspects of industrial environmental management, including environmental management systems, indicators, auditing, reporting and communication.
- Ability to design an environmental management system according to ISO 14001 including sub-components
- Ability to explain and argue for prevention vs. end-of-pipe, including generic cleaner technology strategies
- Ability to outline components of an industrial improvement programme in support of preventative measures,
- Ability to define and discuss eco-design principles, and to describe strategies for industrial product development,
- Ability to describe basic practices of the marketing function, and guidelines for green product communication.
- Ability to describe current approaches to corporate procurement of products/components/raw materials and services that are superior from a sustainability perspective, and challenges associated therewith

4. Course content
The course covers core corporate functions relevant to reducing the environmental impact from industrial production systems:
- Corporate environmental strategy
- Operational environmental management in industry
- Optimisation of technical systems
- Environment in product development and design
- Environment in sourcing and procurement
- Environment in marketing and sales.

In addition to in-class work, readings and assignments for the above functions the students will also take an active part in study visits and other discussions with professionals in the field.

5. Teaching and assessment
The course is designed as a series of lectures, practical exercises, study visits and assignments. The interaction with industry is done in various forms including direct study visits. Grading is based on both individual and group performance, via written and oral exams, and assignments.
Grading scale
The following grades are used: Fail -3 – 4 – 5 (TH).

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

7. Literature
The final reading list is issued by the Institute no later than five weeks before the course starts.