Mittuniversitetet
MID SWEDEN UNIVERSITY

Course Syllabus:

Environmental Engineering MA, Ecotechnology, 15 Credits

General data

Code	MÖ005A
Subject/Main field	Environmental Engineering
Cycle	Second cycle
Credits	15.00
Progressive specialisation	Second cycle, has only first-cycle course/s as entry requirements
Answerable department	Faculty of Science, Technology and Media
Established	2007-12-14
Date of change	2015-03-04
Version valid from	2014-02-01

Aim

By working in an individual project the student should acquire knowledge in specific areas within the Ecotechnology field and also achieve an orientation on conducting research on selected areas in some ongoing research topics within the Department of Ecotechnology and Sustainable Building Engineering. The student should also acquire skills in presenting scientific results in a concise manner.

Course of objectives

After completing the course the student is expected to:
1. Demonstrate deeper understanding of the chosen research topic related to Ecotechnology and Sustainable Development
2. Carry out a project related to current research at the department
3. Make a poster presentation to present results, from the project, in a scientific manner
4. Present and defend the poster at an open seminar

Content

The course includes a project related to current research at the department Ecotechnology and Sustainable Building Engineering. Project work can be carried out individually or in small groups.

Entry requirements

Degree of Bachelor of at least 180 Credits (180 ECTS) or equivalent, with at least 45 Credits (45 ECTS) in Environmental Science or Environmental Technology/Engineering.
Proven language proficiency in English (English course B), for example shown from one of the following international English tests:
- TOEFL with a minimum score of 575 on a paper based test and not below 4.5 on the TWE
- TOEFL with a minimum score of 90 on internet based test and not below 20 on the TWE
- IELTS Academic Training with a minimum overall score of 6.5 and a minimum score on the specific parts of at least 5.5.

Selection rules and procedures

The selectionprocess is in accordance with the Higher Education Ordinance and the local order of admission.

Teaching form

The student will undertake an individual assignment that is preferably relevant to the research activities of Department of Ecotechnology and Sustainable Building Engineering. The topic needs to be approved by the course examiner. Students will be assigned a project supervisor according to the chosen project. The supervisor gives continuous guidance to the student during the course of the project.

Examination form

The course assessment will be based on two parts (i) oral examination of the chosen literature (ii) a poster presentation of the project. The student is expected to actively participate in discussions during other students presentations.

Grading system

The grades A, B, C, D, E, Fx and F are given on the course. On this scale the grades A through E represent pass levels, whereas Fx and F represent fail levels.

Other information

Examination by this curriculum must be made within one year of registration on the course. A student which have not passed within this time should contact the examiner.