



**LUND**  
UNIVERSITY

Faculty of Social Sciences

## **SMMV27, Assessment of Environmental Impact, 7.5 credits**

*Bedömning av miljöpåverkan, 7,5 högskolepoäng*

Second Cycle / Avancerad nivå

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### **Details of approval**

The syllabus was approved by the board of the Department of Service Management and Service Studies on 2019-03-20 to be valid from 2019-08-01, spring semester 2020.

### **General Information**

The course is included in the second semester of the Master of Science (120 credits) programme in Service Management and is the third course specific to the specialisation in Sustainable Service Management.

*Language of instruction:* English

*Main field of studies*

Service Management

*Depth of study relative to the degree requirements*

A1F, Second cycle, has second-cycle course/s as entry requirements

### **Learning outcomes**

For a Pass on the course, the students shall be able to

#### **Knowledge and understanding**

- demonstrate social sciences knowledge of how different methods of measurement are used to assess environmental impact, and understand the chain of events consisting of environmental impact-effect-consequence from a sustainability perspective
- understand the connections between environmental theories and environmental assessments of services and societal resource flows

### **Competence and skills**

- discuss the societal effects in the assessment of environmental impact and understand the associated methods of measurement and their advantages and shortcomings from a service perspective
- problematise the quantification of environmental effects from a social sciences perspective on sustainability
- work with concepts such as life-cycle analysis (LCA), ecological footprint and ecosystem services, and understand the importance of clear and measurable projects and impact goals
- perform simple environmental assessments of services, resource flows or products

### **Judgement and approach**

- apply a critical approach to understand, assess and discuss the assessment of environmental effects and different quantitative methods of measurement by executing a simple environmental assessment.

### **Course content**

The aim of the course is to enable students to develop knowledge of the assessment of environmental effects and associated methods of measurement to understand how this can be quantified from a social sciences perspective.

The course consists of the following components and will include lectures, a literature seminar, workshops and supervision:

Part 1: The social sciences and assessment of environmental effects

Part 2: Quantifiable tools for assessing environmental effects

Part 3: Environmental assessment of the chain: environmental impact-effect-consequence

Part 4: Assessment of environmental effects in practice

### **Course design**

The teaching consists of lectures, seminars and supervision of group assignments.

Unless there are valid reasons to the contrary, compulsory participation is required in seminars. Students who have been unable to participate due to circumstances such as accidents or sudden illness will be offered the opportunity to compensate for or re-take compulsory components. This also applies to students who have been absent because of duties as an elected student representative.

### **Assessment**

The assessment is based on

active participation in seminars with individual written assignments (3.5 credits)

project work in groups (4 credits)

The course includes opportunities for assessment at a first examination, a re-sit close to the first examination and a second re-sit for courses completed in the past year (catch-up exam). At least two further re-examinations on the same course content are offered within a year of a major change or discontinuation of the course. After this, further re-examination opportunities are offered but in accordance with the current course syllabus.

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.

*Subcourses that are part of this course can be found in an appendix at the end of this document.*

## Grades

Marking scale: Fail, E, D, C, B, A.

The grade for a non-passing result is Fail. The student's performance is assessed with reference to the learning outcomes of the course. For the grade of E, the student must show acceptable results. For the grade of D the student must show satisfactory results. For the grade of C the student must show good results. For the grade of B the student must show very good results. For the grade A the student must show excellent results. For the grade of Fail the student must have shown unacceptable results.

All assessments assign points between 0 and 100 and grades according to the following scale:

A: 90-100 points  
B: 80-89 points  
C: 70-79 points  
D: 60-69 points  
E: 50-59 points  
Fail: 0-49 points

For the grade of Pass on the whole course, the student must have been awarded at least the grade of E for all assessed components. Students who fail to meet this requirement are awarded the grade of Fail.

The grade for the whole course is awarded in accordance with the formula  $3.5/7.5 \times$  number of credits for assessed component 1 (module code 2001) +  $4.0/7.5 \times$  number of credits for assessed component 2 (module code 2002). Up to 49 points, the total number of points is rounded down and over 50 it is rounded up.

At the start of the course, students are informed about the learning outcomes stated in the syllabus and about the grading scale and how it is applied on the course.

## **Entry requirements**

To be admitted to the course, the student must have fulfilled course requirements amounting to at least 15 credits within the programme.

## Subcourses in SMMV27, Assessment of Environmental Impact

Applies from V20

- 2001 Seminars, 3,5 hp  
Grading scale: Fail, E, D, C, B, A
- 2002 Project Work, 4,0 hp  
Grading scale: Fail, E, D, C, B, A