

SYLLABUS

Cost-benefit analysis 7.5 credits N0041N

Samhällsekonomiska kalkyler

Course syllabus admitted: Autumn 2023 Sp 1 - Present

DECISION DATE
2023-02-15

Cost-benefit analysis 7.5 credits N0041N

Samhällsekonomiska kalkyler

First cycle, N0041N

Education level	Grade scale	Subject	Subject group (SCB)
First cycle	U G VG	Nationalekonomi	Economics

Main field of study

Economics

Entry requirements

In order to meet the general entry requirements for first cycle studies you must have successfully completed upper secondary education and documented skills in English language

Selection

The selection is based on final school grades or Swedish Scholastic Aptitude Test.

Course Aim

After the course the students should be able to:

Knowledge and understanding

- explain what cost-benefit analyses are, why they are useful, how they are conducted and how the results can be used
- describe and explain economic efficiency, societal costs and benefits, and the need for cost-benefit analyses in the society

Skills and abilities

- search, analyse and present relevant information that addresses different parts of cost-benefit analyses
- perform simpler cost-benefit analyses

Judgement

- evaluate and reflect critically over the usefulness of cost-benefit analyses in decision making

Contents

The following areas are addressed:

- Description of cost-benefit analyses
- Economic efficiency and justice
- Theoretical description of societal costs and benefits
- How the effects of a certain measure can be measured
- Methods for utility valuation
- Analysis of cost effects
- Time evaluation, uncertainty and sensitivity analysis
- The usefulness of cost-benefit analysis in society

Realization

Each course occasion's language and form is stated and appear on the course page on Luleå University of Technology's website.

The teaching will be in the form of lectures, cases and seminars where the students in groups discuss and present solutions to relevant problems related to the course areas. The students will also perform a simpler cost-benefit analysis in groups.

The course realization may be in English.

Examination

If there is a decision on special educational support, in accordance with the Guideline Student's rights and obligations at Luleå University of Technology, an adapted or alternative form of examination can be provided.

The course includes compulsory seminars corresponding to 1.5 ECTS. At the seminars, students will orally, in groups and individually, present, motivate and discuss solutions to problems related to the different areas of the course. At seminars, the grades U, G are given.

The course also includes a written report corresponding to 3 ECTS. The written report is carried out in groups and includes a simpler cost-benefit analysis. The report can be graded U, G, VG and the report determines the final grade on the course.

The course ends with a written individual exam corresponding to 3 ECTS. On the exam, the grades U, G, VG are given.

Unauthorized aids during exams and assessments

If a student, by using unauthorized aids, tries to mislead during an exam or when a study performance is to be assessed, disciplinary measures may be taken. The term "unauthorized aids" refers to aids that the teacher has not previously specified as permissible aids and that may assist in solving the examination task. This means that all aids not specified as permissible are prohibited. The Swedish version has interpretative precedence in the event of a conflict.

Remarks

Students must register for the courses themselves, or contact ETKS educational administration eduetks@itu.se, no later than three days after the quarter commences. Failure to do so can result in the place being lost. This rule also applies to students with a guaranteed place.

Course offered by

Department of Social Sciences, Technology and Arts

Modules

Code	Description	Grade scale	Cr	Status	From period	Title
0003	Seminars	U G#	1.5	Mandatory	S22	
0004	Written report	U G VG	3	Mandatory	A23	
0005	Written exam	U G VG	3	Mandatory	A23	

Last revised

by Director of Undergraduate Studies Daniel Örtqvist, Department of Business Administration, Technology and Social Sciences 2023-02-15

Syllabus established

by Director of Undergraduate Studies Daniel Örtqvist, Department of Social Sciences, Technology and Arts 2021-02-17