

Cost-Benefit Analysis

Samhällsekonomiska lönsamhetskalkyler
7.5 credits

Single subject and programme course

770G23

Valid from: 2027 Spring semester

Determined by	Main field of study	
Course and Programme Syllabus Board at the Faculty of Arts and Sciences	Economics	
Date determined	Course level	Progressive specialisation
2020-05-11	First cycle	G1F
Revised by	Disciplinary domain	
Chairman of the Course and Programme Syllabus Board at the Faculty of Arts and Sciences	Social sciences	
Revision date	Subject group	
2026-04-21	Economics	
Offered first time	Offered for the last time	
Spring semester 2021		
Department	Replaced by	
Institutionen för ekonomisk och industriell utveckling		

Course offered for

- Business and Economics Programme - International - French
- Business and Economics Programme - International - Spanish
- Business and Economics Programme - International - German
- Business and Economics Programme - International - English
- Business and Economics Programme
- Bachelor's Programme in Political Science and Economics
- Master's Programme in Economics

Entry requirements

- Economics, basic course, 30 ECTS credits (including Microeconomics and Macroeconomics with at least 7,5 ECTS credit each) with at least 15 ECTS credits passed.

Intended learning outcomes

On completion of the course, the student should be able to:

- account for the parts of micro and welfare theory that socioeconomic profitability calculations are based on,
- account for the use of socioeconomic profitability calculations in practice,
- critically review and be able to carry out a socioeconomic profitability calculation,
- apply methods for estimating benefits and cost items for effects, in cases both with and without a market price,
- analyse the problems and weaknesses that may be associated with socioeconomic profitability calculations.

Course content

The course covers basic theory and realia about:

- Welfare theory background
- Procedures for performing socioeconomic calculations in theory and practice
- Valuation of marketed goods and services in perfect markets and in cases of market imperfections or taxes/grants.
- Effects on secondary markets and indirect effects
- Discounting, time horizon, risk and uncertainty
- Methods for evaluating utility and costs when there are no market prices available i.e. revealed preferences methods and stated preferences methods, respectively
- Empirical applications within different fields
- Issues and limitations of socioeconomic profitability calculations.

Teaching and working methods

The teaching takes the form of lectures and exercises. The students should also study independently.

Examination

The examination consists of:

- Individually written examination, grading scale: UV
- Group project, grading scale: UG

The final grade G requires G in both examinations. The final grade VG also requires VG in the individually written examination.

Detailed information can be found in the study guide.

If special circumstances prevail, and if it is possible with consideration of the nature of the compulsory component, the examiner may decide to replace the compulsory component with another equivalent component.

If the LiU coordinator for students with disabilities has granted a student the right to an adapted examination for a written examination in an examination hall, the student has the right to it.

If the coordinator has recommended for the student an adapted examination or alternative form of examination, the examiner may grant this if the examiner assesses that it is possible, based on consideration of the course objectives.

An examiner may also decide that an adapted examination or alternative form of examination if the examiner assessed that special circumstances prevail, and the examiner assesses that it is possible while maintaining the objectives of the course.

Students failing an exam covering either the entire course or part of the course twice are entitled to have a new examiner appointed for the reexamination.

Students who have passed an examination may not retake it in order to improve their grades.

Grades

Three-grade scale, U, G, VG

Other information

Planning and implementation of a course must take its starting point in the wording of the syllabus. The course evaluation included in each course must therefore take up the question how well the course agrees with the syllabus.

The course is conducted in such a way that there are equal opportunities with regard to sex, transgender identity or expression, ethnicity, religion or other belief, disability, sexual orientation and age.

If special circumstances prevail, the vice-chancellor may in a special decision specify the preconditions for temporary deviations from this course syllabus, and delegate the right to take such decisions.

About teaching and examination language

The teaching language is presented in the Overview tab for each course. The examination language relates to the teaching language as follows:

- If teaching language is “Swedish”, the course as a whole could be given in Swedish, or partly, or as a whole, in English. Examination language is Swedish, but parts of the examination can be in English.
- If teaching language is “English”, the course as a whole is taught in English. Examination language is English.
- If teaching language is “Swedish/English”, the course as a whole will be taught in English if students without prior knowledge of the Swedish language participate. Examination language is Swedish or English depending on teaching language.