



**Karolinska
Institutet**

Course syllabus for

Economic Evaluation of Health Care Programmes, 7.5 credits

Ekonomisk utvärdering av hälso- och sjukvårdsprogram, 7.5 hp

This course syllabus is valid from spring 2018.

Please note that the course syllabus is available in the following versions:

Spring2018 , Spring2021 , Spring2023

Course code	4HM006
Course name	Economic Evaluation of Health Care Programmes
Credits	7.5 credits
Form of Education	Higher Education, study regulation 2007
Main field of study	Medical Management
Level	AV - Second cycle
Grading scale	Fail (U), pass (G) or pass with distinction (VG)
Department	Department of Learning, Informatics, Management and Ethics
Decided by	Education committee LIME
Decision date	2017-10-25
Course syllabus valid from	Spring 2018

Specific entry requirements

Bachelor's degree or professional qualification worth at least 180 credits in public health science, healthcare or other relevant social sciences subject area. Proficiency in the English language documented by an internationally recognized test such as TOEFL with a total score of at least 79 (internet based), 550 (paper based), 213 (computer based), IELTS with a total score of at least 6,0 (no band less than 5,0), or other documentation that certifies English language skills equivalent to English B at Swedish upper secondary school.

Objectives

To give an understanding of practical, methodological and theoretical issues related to the economic evaluation of health care programmes, and how economic evaluation can be applied to the health care sector to inform decisions.

After completion of the course, students should be able:

Knowledge and understanding

- to describe the theory, principles and methods of economic evaluation
- to describe and compare basic cost concepts and methods for analysing uncertainty

- to describe and compare methods for modelling and collection of data for economic evaluation
- to describe and compare methods for monetary valuations of health improvements

Skills and abilities

- to perform a basic economic evaluation
- to select medical interventions according to the decision rules of cost-effectiveness analysis
- to calculate costs and health outcomes of different medical interventions
- to develop a decision model

Judgement and approach

- to critically assess health economic evaluations identified in databases
- to reflect on the choice of methods for economic evaluation of health care programmes
- to reflect on the role of health economic evaluation for different actors in society

Content

The course covers cost-effectiveness analysis, cost-utility analysis, cost-benefit analysis, costs, modelling, decision rules, willingness to pay for health improvements, practical applications and critical assessment of economic evaluation studies.

Teaching methods

The course includes lectures, seminars, group work, student presentations and individual assignments.

Examination

- Individual written assignment
- Individual contribution in written report and oral presentation of group work

Requirements for the grade pass with distinction (VG), are VG on the individual written assignment, and pass (G) on remaining assignments.

Compulsory participation

Participation in selected lectures, seminars and group work is compulsory. The course director assesses if, and in that case how, absence can be compensated. Before the student has participated in all compulsory parts or compensated absence in accordance with the course director's instructions, the student's results for the course/respective part will not be registered in LADOK.

Limitation of number of occasions to write the exam

The student has the right to write the exam six times. If the student has not passed the exam after four participations he/she is encouraged to visit the study advisor.

The number of times that the student has participated in one and the same examination is regarded as an examination session. Submission of a blank examination is regarded as an examination. An examination for which the student registered but not participated in will not be counted as an examination.

Transitional provisions

Examination will be provided during a time of two years after a possible cancellation of the course. Examination can take place according to an earlier literature list during a time of one year after the date when a major renewal of the literature list has been made.

Other directives

Course evaluation will be carried out in accordance with the guidelines established by the Board of

Education.

The course language is English.

Literature and other teaching aids

Drummond, Michael F.

Methods for the economic evaluation of health care programmes

3., [updated and rev.] ed. : Oxford : Oxford University Press, 2005 - xv, 379p.

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