



PROGRAMME IN BUSINESS AND ECONOMICS

EFI256 Managerial economics, 7.5 credits

Industriell ekonomi, 7,5 högskolepoäng

First Cycle

Confirmation

This course syllabus was confirmed by Programme in Business and Economics (ICU) on 2020-02-27 and was last revised on 2021-05-20 to be valid from 2021-08-30, autumn semester of 2021.

Field of education: Social Sciences 100%

Department: Programme in Business and Economics

Other participating department

Department of Business Administration

Position in the educational system

The course is offered in the first cycle and is included in the fifth semester of the Bachelor's Programme in Business and Economics for students majoring in financial economics. It is also offered as a freestanding course.

The course can be part of the following programme: 1) Bachelor's Programme in Business and Economics (S1EKA)

Main field of studies

Financial Economics

Specialization

G2F, First cycle, has at least 60 credits in first-cycle course/s as entry requirements

Entry requirements

To be eligible for the course, the student must have successfully completed at least 60 credits in first cycle courses in Business administration and Economics (including a course in microeconomics equivalent to EKN102 Microeconomics, 6 credits) and completed the course EFI242 Finance, Intermediate Course (7.5 credits) or equivalent.

Learning outcomes

On successful completion of the course the student will be able to:

Knowledge and understanding

1. understand and be able to use quantitative methods and models to analyse business problems,
2. describe and explain economic principles behind operational and strategic decision-making in companies and other organisations,

Competence and skills

3. in cooperation with other students, identify, formulate, analyse and solve decision problems based on unstructured information.

Course content

This course covers quantitative methods and models in operations and supply chain management. Operating activities of firms and organizations create value by efficiently transforming inputs into goods and services. The emphasis is on forecasting methods, linear programming, capacity planning, quality management, project management, timetabling, inventory management, and general production planning.

Throughout the course, students are being trained in formulating and solving problems analytically, as well as using computerized software in the resolution of mathematical problems. In addition, the course includes a case assignment which trains students to collect and manage data, use different types of information technology and apply statistical tools and techniques.

Form of teaching

Lectures, classes and case assignment. The case assignment includes a mandatory workshop.

Language of instruction: English

Assessment

Learning outcomes 1 and 2 are assessed through a written individual exam and learning outcome 3 is assessed through a case assignment.

Absence from mandatory elements can be replaced by alternative assignments.

Individual take-home assignments and exams shall be written individually, cooperation in formulating text, tables, figures etc. is not allowed.

A student who has taken two exams in a course or part of a course without obtaining a pass grade is entitled to the nomination of another examiner. The student needs to contact the department for a new examiner, preferably in writing, and this should be approved by the department unless there are special reasons to the contrary (Chapter 6 Section 22 of the Higher Education Ordinance).

If a student has received a recommendation from the University of Gothenburg for special educational support, where it is compatible with the learning outcomes of the course and provided that no unreasonable resources are required, the examiner may decide to allow the student to sit an adjusted exam or alternative form of assessment.

In the event that a course has ceased or undergone major changes, students are to be guaranteed at least three examination sessions (including the ordinary examination session) over a period of at least one year, but no more than two years, after the course has ceased/been changed.

Grades

The grading scale comprises: Excellent (A), Very good (B), Good (C), Satisfactory (D), Sufficient (E) and Fail (F).

To obtain a passing course grade, students must receive a passing grade on the written individual examination and the case assignment. A failed casework can be completed to a pass grade. The final grade corresponds to the total score a student obtains.

Course evaluation

Upon completion, the course will be evaluated in accordance with the rules for course evaluations established by the Bachelor's Programme in Business and Economics at the School of Business, Economics and Law. The results of the evaluation as well as any changes to the course structure shall be communicated to both the students who completed the evaluation and the students who are enrolled in the subsequent round of the course.