



DEPARTMENT OF BUSINESS ADMINISTRATION

FEK3L2 Operations Management, Bachelor Course, 7.5 credits

Operativ styrning, kandidatkurs, 7,5 högskolepoäng

First Cycle

Confirmation

This course syllabus was confirmed by Department of Business Administration on 2019-09-11 and was last revised on 2020-11-09 to be valid from 2021-01-18, spring semester of 2021.

Field of education: Social Sciences 100%

Department: Department of Business Administration

Position in the educational system

The course is offered as a freestanding course.

The course can be part of the following programmes: 1) Bachelor's Programme in Logistic management (S1LOG), 2) Programme in Business and Economics (S1EPG) and 3) Bachelor's Programme in Business and Economics (S1EKA)

Main field of studies

Business Administration

Specialization

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

Entry requirements

Admission to the course requires at least 105 credits, at least 45 of which must be from FEK101 Business Administration, Organization and Leadership, 7.5 credits, FEK102 Business Administration, Marketing, 7.5 credits, FEK103 Business Administration, Financial Accounting, 7.5 credits, FEK104 Business Administration, Management Accounting, 7.5 credits, FEK201 Business Administration, Strategic Marketing Management, 7.5 credits, FEK202 Business Administration, Strategy, 7.5 credits, FEK203 Business Administration, Economic and Financial Management, 7.5 credits, FEK204 Business Administration and Operations Management, 7.5 credits, or from FEG100 Business Administration 1, 30 credits and FEG200 Business Administration 2,

30 credits or equivalent.

Learning outcomes

On successful completion of the course, students should be able to:

1. Use a selection of scientific, operations analysis methods and models for managing a company's operational activities; and, be able to assess if, when and how these methods and models are applicable for managing a company's operational activities.
2. Use a computer to solve complex problems related to managing a company's operational activities; and, present the results in writing.

The qualitative targets for a Degree of Bachelor are related to the course's intended learning outcomes as follows:

Qualitative targets	Learning outcomes
<i>Knowledge and understanding</i>	1
<i>Skills and abilities</i>	2
<i>Judgement and approach</i>	1

Course content

A company's operating activities create added value by transforming inputs (in a wide sense) into goods and services. This course contains methods and models, mainly based on a quantitative approach, that can be used for the rational management of a company's operating activities. The course covers a number of themes that are traditionally included in this field. Amongst other things, it includes models for production planning and inventory control, linear programming, integer programming, goal programming, network models, transportation models, a number of probability concepts and Lean.

Form of teaching

Lectures, classes and seminars.

Language of instruction: English and Swedish

The course is given mainly in Swedish. Teaching in English may occur.

Assessment

Assessment comprises three compulsory elements, namely, a written exam and two written assignments.

Intended learning outcome 1 is assessed via a written exam.

Intended learning outcome 2 is assessed via two written assignments.

Due to resource constraints, written assignments can only be performed and assessed within the course dates.

If the student has been granted special educational support from the University of Gothenburg because of a disability, the examiner has the right to offer the student an adapted test.

If a student, who has failed the same examined element on two occasions, wishes to change examiner before the next examination session, such a request is to be submitted to the department in writing and granted unless there are special reasons to the contrary (Chapter 6, Section 22 of Higher Education Ordinance).

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, though at most 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 pass the course, a student must receive a passing grade on all intended learning outcomes. This means a passing grade (A-E) on the written exam and Pass (G) on the written assignments. Points on assignments and exam are added together and translated to grade A-F for the course.

Grade (Definition) Characteristic:

A (Excellent) A distinguished result that is excellent with regard to theoretical depth, practical relevance, analytical ability and independent thought.

B (Very good) A very good result with regard to theoretical depth, practical relevance, analytical ability and independent thought.

C (Good) The result is of a good standard with regard to theoretical depth, practical

relevance, analytical ability and independent thought and lives up to expectations.

D (Satisfactory) The result is of a satisfactory standard with regard to theoretical depth, practical relevance, analytical ability and independent thought.

E (Sufficient) The result satisfies the minimum requirements with regard to theoretical depth, practical relevance, analytical ability and independent thought, but not more.

F (Fail) The result does not meet the minimum requirements with regard to theoretical depth, practical relevance, analytical ability and independent thought.

Some occasional examination elements of the course may have the grading scale UG (Fail/Pass).

Course evaluation

A course evaluation is conducted anonymously either digitally via the course website or via a written questionnaire handed out at the last scheduled meeting of the course or in connection with the exam. The results of the evaluation are to be communicated to students via the course committee and course website.

The results of and possible changes to the course will be shared with students who participated in the evaluation and students who are starting the course.