



Programme syllabus

School of Business and Economics

Business Process Control and Supply Chain Management,
masterprogram, 120 högskolepoäng

Business Process Control and Supply Chain Management, Master
Programme, 120 credits

Level

Second cycle

Date of Ratification

Approved 2018-06-13.

Revised 2023-09-13.

The programme syllabus is valid from autumn semester 2024.

Prerequisites

Specialization: Frontiers in Management Accounting & Process-based Control

General entry requirements for second-cycle studies and specific entry requirements:

- Bachelor Degree in Business Administration with a minimum of 90 credits in Business Administration, with a minimum of 30 credits in Accounting, or the equivalent
- English 6 or the equivalent

Specialization: Frontiers in Logistics & Supply Chain Management

General entry requirements for second-cycle studies and specific entry requirements:

- Bachelor Degree in Business Administration with a minimum of 90 credits in Business Administration, with a minimum of 7,5 credits in logistics/supply chain management/transportation/operations management, or the equivalent
- English B/6 or the equivalent

Description of Programme

The aim of this two-year master programme is to put together knowledge in process management from especially logistics together with management accounting in order

for the student to develop abilities to work in processoriented organisations. The first semester contains a specialization in either logistics or management accounting. The programme provides professional skills within the control of economical and logistical processes in private companies, administration or other organisations, national as well as international. This two-year master's programme has an extensive research profile.

Objectives

Central degree objectives in accordance with the Higher Education Ordinance

Knowledge and understanding

For a Degree of Master (Two Years) students must

- demonstrate knowledge and understanding in their main field of study, including both broad knowledge in the field and substantially deeper knowledge of certain parts of the field, together with deeper insight into current research and development work, and
- demonstrate specialised methodological knowledge in the main field of study.

Skills and abilities

For a Degree of Master (Two Years) students must

- demonstrate an ability to critically and systematically integrate knowledge and to analyse, assess and deal with complex phenomena, issues and situations, even when limited information is available,
- demonstrate an ability to critically, independently and creatively identify and formulate issues and to plan and, using appropriate methods, carry out advanced tasks within specified time limits, so as to contribute to the development of knowledge and to evaluate this work,
- demonstrate an ability to clearly present and discuss their conclusions and the knowledge and argument behind them, in dialogue with different groups, orally and in writing, in national and international contexts, and
- demonstrate the skill required to participate in research and development work or to work independently in other advanced contexts.

Judgement and approach

For a Degree of Master (Two Years) students must

- demonstrate an ability to make assessments in their main field of study, taking into account relevant scientific, social and ethical aspects, and demonstrate an awareness of ethical aspects of research and development work,
- demonstrate insight into the potential and limitations of science, its role in society and people's responsibility for how it is used, and
- demonstrate an ability to identify their need of further knowledge and to take responsibility for developing their knowledge.

Programme specific objectives

- be able to argue for a conclusion using theory and/or empirical material of relevance for business process control and supply chain management
- display skills in collection and condensation of information pertaining to specific business process control and/or supply chain management issues, and in conveying gained insights in a pedagogical manner.

This is in accordance with the intended learning outcomes set for a masters' degree in the Swedish Higher Education Ordinance and School of Business and Economics' mission.

Content

Organisation

The Programme is placed and taught at the School of Business and Economics.

The Programme has a programme coordinator who has overall responsibility for the Programme and who serves as a representative of the Programme and coordinates Programme-related issues. The coordinator is responsible for the Programme's content and development and works actively to maintain good relationships and communication channels. This takes place with the Programme's teaching staff by means of continuous dialogue, with the Programme's students through a programme council, and with trade and industry through collaboration and interaction with relevant stakeholders.

Programme Overview

The structure of the programme is based on the integration courses in management accounting – which is the management of processes within and between companies – with courses in logistics and supply chain management (SCM). All courses are advanced-level and given in English. The first semester contains a specialisation in either management accounting or logistics/SCM. Courses within the programme can, in agreement with the programme coordinator, be exchanged. The programme coordinator will then be responsible for assessing whether the programme objectives still can be met.

Programme courses

Programme courses for Specialization: Frontiers in Management Accounting & Process-based Control

Year 1:

- Contemporary Perspectives in Management Accounting, 15 credits, A1N (mandatory), *

The course deals with the development of the modern area of Management Accounting and performance control, and its purpose is to address not only the process of change and its explanations as well as implications, but also the design and use of different management accounting and control systems and methods.

- Advanced Economic Analysis, Information Systems & Risk Management, 15 credits, A1N (mandatory), *

The course primarily focuses on aspects and applications of financial and management control systems that are in use. The course is theme-based, and some examples of themes are management accounting systems in different contexts (such as modern production systems and agile management), advanced financial analyses, setting goals and targets, and corporate governance and risk management.

- Process Based Management Control, 15 credits, A1F, (mandatory), *

Central in this course are themes on Performance Management Systems and on Businesses Processes in companies that are conducted from an integrated approach with the purpose of designing a “functional” control model for the company.

- Qualitative Methods and Applications, 7.5 credits, A1F, (elective), *

The objectives of the course is to critically discuss and apply qualitative and postpositivist methods within social sciences and business administration.

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Alternatively,

- Degree Project in Business Administration (Master), 15 credits, A1E, (elective)*,

The degree project aims for the students to perform a master thesis within the main field of study Business Administration; independently selecting a relevant topic, conduct thesis work and opposition seminars. Overlaps, and not applicable, with the 30 credits degree project.

Year 2:

- Business Process and Supply Chain Management, 15 credits, A1F (mandatory),*

The course deals with strategic inter-organisational management accounting and process integration in supply chains.

- E-Business Management, 15 credits, A1F, (mandatory),*

The course also deals with e-business/on-line business, B2B and B2C, and e-supply chain management.

- Business Administration, Business Process & Supply Chain Management, Degree project (master), 30 credits, A2E, (mandatory), *

The degree project aims for the students to undertake a full-semester master’s thesis with specialisation in business process control and supply chain management, and this is to include independently selecting a topic with theoretical relevance, conducting advanced research work, and presenting and discussing the thesis at seminars

Programme courses for Specialization: Frontiers in Logistics & Supply Chain Management

Year 1:

- Logistics Management in Supply Chains, 15 credits, A1N (mandatory), *

The course provides the students with contemporary applications of how to manage logistics flows, both currently and in the future, in a supply chain context.

- Supply Chain Information Systems, 15 credits, A1N (mandatory), *

The course is based upon different types of information systems needed to manage supply chains and for managing customers, suppliers, manufacturing, and overall planning. It also deals with implementation and change issues.

- Process Based Management Control, 15 credits, A1F, (mandatory), *

Central in this course are themes on Performance Management Systems and on Businesses Processes in companies that are conducted from an integrated approach with the purpose of designing a “functional” control model for the company.

- Qualitative Methods and Applications, 7.5 credits, A1F, (elective), *

The objectives of the course is to critically discuss and apply qualitative and postpositivist methods within social sciences and business administration.

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- Business Administration, Business Process & Supply Chain Management, Degree project (master), 30 credits, A2E, (mandatory), *

The degree project aims for the students to undertake a full-semester master's thesis with specialisation in business process control and supply chain management, and this is to include independently selecting a topic with theoretical relevance, conducting advanced research work, and presenting and discussing the thesis at seminars

Some of the courses on the Programme are studied together with students from other programmes and single subject courses, and may be taught in another order.

* course in the main field of study Business Administration

A Master's programme of 120 credits must, in accordance with the Higher Education Ordinance, contain at least 60 credits of specialised study in the main field, of which a degree project of at least 30 credits. At least 90 credits should comprise courses at second cycle in accordance with the local rules (Ref. no. 2014/442–1.1). Courses previously given within the same programme code, EABS2, can also be included in the programme degree and thus replace courses with equivalent content.

Societal relevance

The programme has clear ties to industry in that it chiefly builds on empirically-based research traditions in the relevant knowledge areas, which capture very well current trends and changes in the management and development of business and other processes. Furthermore, case companies are used in several programme courses simultaneously with guest lecturers being engaged in various parts of the course.

Internationalization

There is no option of exchange studies within the framework of the programme. The only exception is formal double degree agreements which would relocate year 2 of the programme to a partner institution with a set of courses deemed equal to those of the programme.

Sustainable social development

Working with diversity means making use of and evaluating the diversity prevailing among colleagues, students and other cooperation partners. This becomes a matter of course in a programme like this which is open to international students. Equal opportunities may be viewed as an aspect of diversity. In connection with the consequences of business process management, especially in the courses “Process-based Management Control” and “Logistics Management in Supply Chains”, issues concerning sustainable development and ethics are discussed.

Quality Development

Continuous evaluation and improvement of the Programme takes place, among other things, through the University's course evaluations, where the results are handled by the programme coordinator and programme council and feedback is then provided to

students and archived. Programme students actively participate in the follow-up and development of the programme through the programme council and through student representatives in the faculty-wide Education Committee. All programmes of the School of Business and Economics also undergo a quality analysis based on the standards of the Association to Advance Collegiate Schools of Business (AACSB), and quality evaluations are conducted for all main subjects through the national quality assurance system with the help of UKÄ (Swedish Higher Education Authority). The School of Business and Economics' faculty-wide quality plan requires, among other things, that a recurrent programme analysis is conducted and that course evaluations are monitored. As part of the annual university-wide survey, the Linnaeus Barometer, all students are asked about their experiences of their education in terms of different quality aspects.

Degree

After completing their studies which correspond to the requirements stated in the Higher Education Ordinance and in Linnaeus University's local Degree Ordinance, students may apply for a degree. Students, who have completed the Business Process Control and Supply Chain Management Programme, can obtain the following degree:

Students from first cycle with a Bachelor of Science in Business and Economics, main field of study: Business Administration, may obtain the following degree:

Master of Science (120 credits) in Business and Economics with specialization in Business Process Control and SCM,Frontiers in Management Accounting & Process-based Control
(Main field of study: Business Administration)

or

Master of Science (120 credits) in Business and Economics with specialization in Business Process Control and SCM,Frontiers in Logistics & Supply Chain Management
(Main field of study: Business Administration)

Students who have completed one of the programmes' two years and, meet the requirements of a master's degree (60 credits), may obtain the following degree:

Master of Science (60 credits) in Business and Economics with specialisation in Business Process Control and Supply Chain Management
(Main field of study: Business Administration)

The degree certificate is bilingual (Swedish/English). A Diploma Supplement (English) will be provided along with the degree certificate.

Other Information

In order to be admitted to the courses on the programme, the specific entry requirements stated in each course syllabus must be fulfilled by the start of the course. Should deviations be found between the Swedish and English version of this programme syllabus, the Swedish one is superior.