



PROGRAMME SYLLABUS

(This is a translation of the Swedish programme syllabus)

Systemvetenskapliga programmet, 180 högskolepoäng

Programme of Systems Analysis, 180 Credits

Programme code:	SSV1K
Education cycle:	First cycle
Established:	3/27/95
Approved:	12/18/14 (Registration number ORU 4.1-4238/2014)
Valid from:	Autumn semester 2015
Approved by:	Faculty Board of Business, Science and Engineering
School:	Örebro University School of Business

AIMS AND OBJECTIVES

General aims for first cycle education

First-cycle courses and study programmes shall develop:

- the ability of students to make independent and critical assessments
- the ability of students to identify, formulate and solve problems autonomously, and
- the preparedness of students to deal with changes in working life.

In addition to knowledge and skills in their field of study, students shall develop the ability to:

- gather and interpret information at a scholarly level
- stay abreast of the development of knowledge, and
- communicate their knowledge to others, including those who lack specialist knowledge in the field.

(Higher Education Act, Chapter 1, Section 8)

Objectives for the programme

DEGREE OF BACHELOR

Knowledge and understanding

For a Degree of Bachelor the student shall

- demonstrate knowledge and understanding in the main field of study, including knowledge of the disciplinary foundation of the field, knowledge of applicable methodologies in the field, specialised study in some aspect of the field as well as awareness of current research issues.

Competence and skills

For a Degree of Bachelor the student shall

- demonstrate the ability to search for, gather, evaluate and critically interpret the relevant information for a formulated problem and also discuss phenomena, issues and situations critically,
- demonstrate the ability to identify, formulate and solve problems autonomously and to complete tasks within predetermined time frames,
- demonstrate the ability to present and discuss information, problems and solutions in speech and writing and in dialogue with different audiences, and
- demonstrate the skills required to work autonomously in the main field of study.

Judgement and approach

For a Degree of Bachelor the student shall

- demonstrate the ability to make assessments in the main field of study informed by

- relevant disciplinary, social and ethical issues,
- demonstrate insight into the role of knowledge in society and the responsibility of the individual for how it is used, and
 - demonstrate the ability to identify the need for further knowledge and ongoing learning.

(Appendix 2, Higher Education Ordinance)

Local objectives for the programme

On completion of the programme, the student shall

- demonstrate an understanding of the processes within fields such as business and systems development, program development and the management of IT systems,
- demonstrate skills with respect to tools and methods such as business analysis, business modelling, database design and software development,
- demonstrate an ability to identify and solve problems using these skills, and to do so autonomously, and
- demonstrate an ability to make assessments of the impact of IT systems on operations and the society that surround them.

COURSES WITHIN THE PROGRAMME

Informatics, Basic Course, 30 Credits (G1N)

Optional intermediate courses from the university's course range in informatics with a focus on program and systems development, total of 60 credits (G1F)

Optional courses within the university's course range, total of 60 credits

Informatics, Advanced Course, 30 Credits (G2E)

GENERAL ORGANISATION OF THE PROGRAMME

The Programme of Systems Analysis is built around informatics as the main field of study. It provides students with knowledge of the development of information systems in various organisations and businesses. Students also develop their ability to identify, analyse and solve different problems related to IT usage.

During the first semester, students take the course Informatics, Basic Course, 30 Credits. After that, students will select their courses and the order in which they should be taken. Students are expected to take 90 credits worth of courses (from the basic course to the advanced course) within the main field of study informatics. As part of the final course Informatics, Advanced Course, 30 Credits, students do an independent project for 15 credits. The remaining course credits up to the required 180 credits shall be selected freely from the university's course range.

QUALIFICATIONS

Kandidatexamen

A Degree of Bachelor is awarded after the student has completed the courses required to gain 180 credits, of which at least 90 credits are for progressively specialised study in a main field of study (courses labelled G1N, G1F/G1E and G2F/G2E), where at least 15 credits are for an independent project (degree project) with the label G2E.

ADMISSION REQUIREMENTS

Standard university admission requirements.

In order to gain admission to courses within the programme, other admission requirements than the above may apply. Such requirements are prescribed in the current course syllabuses.

SELECTION AND GUARANTEED ADMISSION

Grades (60 per cent of the places) and results from the Swedish Scholastic Aptitude Test (40 per cent of the places).

Students admitted to the programme are guaranteed admission to the courses within the programme to the extent and scope that is defined in the programme syllabus. Guaranteed admission applies to no more than 30 credits per semester and is conditional to the student meeting the specific admission requirements.

OTHER PROVISIONS

Provisions for the individual courses within the programme are set out in the respective course syllabuses. Information on regulations concerning first and second-cycle courses and study programmes (e.g. admission, examination, credit transfer and degrees as well as delegations), can be found at Örebro University's homepage: <http://www.oru.se>.

TRANSITIONAL PROVISIONS

Information

Students who have been accepted to and registered on the programme have the right to complete their studies in accordance with the programme syllabus in force at their admission and at the rate of study that applied at the time of their admission.

Students who have been granted the right to take up their studies following an approved leave from studies have the right to continue their studies in accordance with the programme syllabus in force at the time of their admission.

Provisions concerning the right to examination on courses that have been altered or discontinued are laid down in the respective course syllabus or in a separate decision.
