School of Economics and Management

INFL10, Complementary Education in Information Systems, 60 credits

Kompletterande utbildning för systemvetare, 60 högskolepoäng

First Cycle / Grundnivå

Details of approval

The syllabus is an old version, approved by The Board of the Department of Informatics on 2017-02-17 and was valid from 2017-07-01 , autumn semester 2017.

General Information

The course is offered as a bridging programme for systems engineers with a foreign qualification in informatics/information systems (or the equivalent).

Main field of studies	*Depth of study relative to the degree requirements*
Informatics	GXX, First cycle, in-depth level of the course cannot be classified

Learning outcomes

In accordance with the ordinance (2008:1101) on bridging programmes for graduates with foreign qualifications, higher education institutions are to provide education enabling students to practise the profession they are qualified for in Sweden. The planning of the programme is to take into account the student's previous education and professional experience.

The general aim of the bridging programme is to enable students to use new knowledge to reflect on their previous education and demonstrate their ability to identify their need of further knowledge and ongoing learning.

Knowledge and understanding

On completion of the bridging programme in systems engineering, the students shall

- demonstrate knowledge and understanding of the disciplinary foundation, methods and current research issues of informatics
- demonstrate special knowledge and understanding within a particular area of the main field
- demonstrate sound general knowledge of at least one area/subject outside the main field

Competence and skills

On completion of the bridging programme in systems engineering, the students shall

- demonstrate the ability to seek, collect, assess and critically interpret relevant information of an issue
- demonstrate the skills required to work independently in the field of the programme

Judgement and approach

On completion of the bridging programme in systems engineering, the students 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
- demonstrate the ability to identify the need for further knowledge and ongoing learning

Course content

The bridging programme for systems engineers with foreign qualifications comprises 60 credits in total. The main field of study is informatics. Studies in complementary fields such as economic history and business law, as well as studies in Swedish, may also be included in the programme.

Programme structure:

The programme includes:

Bridging Course in Informatics, 48 credits
Kompletterande kurs i informatik

Society and Constitution, 10 credits
Samhälls- och författningskunskap?

Professional Development, 2 credits
Professionell utveckling

The final phase of the programme will include work placement to the greatest extent possible. The syllabus for each course includes information on the admission

requirements, learning outcomes, forms of assessment and examination, and the compulsory components of the course.

Students with proficiency in English equivalent to English 6/English B from Swedish upper secondary school will have the option to conduct second cycle studies instead of the programme outlined above.

Course design

The bridging programme in systems engineering is based on student-centered learning, in which the students are in charge of determining what they need to learn by analysing and managing situations related to the field of study. The students seek knowledge in order to apply and assess it, as well as evaluate their own learning. The ability to seek and assess new knowledge and reexamine previous knowledge is important throughout the professional life as a systems engineer.

The teaching is organised so as to stimulate and support the student's development of professional expertise and independent learning. The students usually work in small groups, partly to train cooperation/teamwork, and partly to contribute to each other's learning.

Assessment

The assessment is based on exams, assignments, reports, seminars and projects.

Re-sits are offered in close conjunction with the first assessment opportunity.

All examinations on the course are assessed and graded by an examiner appointed by the department.

Grades

Marking scale: Fail, Pass.
Pass- A result that satisfies minimum requirements with regard to theoretical depth, practical relevance, analytical ability and independence.

Fail- An inadequate result with regard to theoretical depth, practical relevance, analytical ability and independence.

Lund University considers cheating and plagiarism a very serious academic offence, and will take disciplinary action against students who are suspected of any form of cheating and/or plagiarism. The penalty that may be imposed for this includes suspension from the University for a certain period.

Entry requirements

To be admitted to the programme, students must have a completed first-cycle qualification in systems engineering specialising in informatics/information systems (or the equivalent)

and proficiency in Swedish equivalent to a Pass in Swedish 3/Swedish B.

Further information

Selection will be based on grades from previous first-cycle education and a personal letter in which the applicant reflects on his/her previous professional experience and explains why he/she wants to be admitted to the programme.

If the course is discontinued, there may be limited opportunities for re-examination. Please contact the study advisor for information.