



Faculty of Economic Sciences, Communication and IT
Information Systems

Syllabus

Course Approval

The syllabus was approved by the Faculty Board of Economic Sciences, Communication and IT on 9 March 2011, and is valid from the Autumn semester of 2011 at Karlstad University.

Course Code: ISGA03

Acquisition of Information Systems, 7.5 ECTS Credits

(Anskaffning av IT-system, 7.5 Swedish credit points)

Degree Level: Bachelor

Progressive Specialisation: G1F (First cycle, has less than 60 credits in first-cycle course/s as entry requirements)

Language of Instruction

Swedish

Prerequisites

Enterprise and IT, 7.5 ECTS cr. or Information Systems for Business Administration 7.5 ECTS cr. or equivalent.

Major Field of Study

IKA (Information Systems)

Learning Outcomes

Upon completion of the course, students should be able to:

- explain what a requirements specification is and how to use it,
- explain the meaning of IT-related requirements in the form of functional and design/user demands,
- apply methods/models to collect, structure, prioritise and document requirements in textual specifications designed to acquire existing IT-systems,
- apply Unified Modeling Language to identify, analyse and document requirements as support of independent development of IT-systems,
- explain how enterprise and requirements specification interact and its consequences for testing and maintaining requirements,
- explain the acquisition procedure of IT-solutions and its impact on the enterprise and organisation,
- explain the critical factors in the acquisition of IT-solutions and business systems,
- present in writing or orally a requirements specification for procuring existing IT-systems and specification of the architecture of the system as support of independent development of IT-systems,
- relate course content to current trends and professional roles, designing, using and maintaining requirements specifications in acquiring IT-systems.

Content and Form of Instruction

The course deals with different description techniques and forms of modelling to draw up a requirement specification. The course also treats how these can be used in the stages of procuring process and their role in acquiring IT-solutions and business systems linked to agreement.

The course is offered on campus and as distance education. Instruction is in the form of lectures/streamed lectures, supervision, practical Case, and seminars/workshops.

Reading List

See separate document.

Examination

Assessment is based on a written exam and the presentation of a report. A number of mandatory cases are included. All laboratory assignments must be completed and approved before credits are awarded for the course.

Examination based on this syllabus may be completed up to one year after the syllabus is replaced. Two examination opportunities are provided during the first academic year in which the course is not offered, and one in the second year.

Grades

One of the grades Distinction (VG), Pass (G), or Fail (U) is awarded in the examination of the course.

Quality Assurance

Follow-up relating to learning conditions and goal-fulfilment takes place both during and upon completion of the course in order to ensure continuous improvement. Course assessment is based on student views and experiences as reported in written course evaluations and/or group discussions. Students will be informed of the result of the evaluation and of the measures to be taken.

Course Certificate

A course certificate will be provided upon request.

Additional Information

Students who enrolled before 1 July 2007 will complete their studies in accordance with the requirements of the earlier admission. Upon completion students may request degree and course certificates to be issued under the current ordinance if they meet its requirements.

The local regulations for studies at the Bachelor's and Master's levels at Karlstad University stipulate the obligations and rights of students and staff.

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