



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:** ISGA02

**Enterprise and Information Technology (IT), 7.5 ECTS Credits  
(Verksamhet och IT, 7.5 Swedish credit points)**

**Degree Level:** Bachelor

**Progressive Specialisation:** G1N (First cycle, has only upper-secondary level entry requirements)

### Language of Instruction

Swedish

### Prerequisites

General entry requirements plus either

- field-specific eligibility A5 (upper secondary school level Mathematics 2a or 2b or 2c, and Civics 1b or 1a1 +1a2) or
- field-specific eligibility 5 (upper secondary school level Mathematics B and Civics A)

### Major Field of Study

IKA (Information Systems)

### Learning Outcomes

The aim of the course is that students acquire knowledge and experience of the link between an operation and IT. The course treats the use and development of information systems on a general level.

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

- give an account of how enterprise, information systems and IT are related,
- explain how IT can be used to support and develop different parts of a business,
- describe the external and internal conditions that can promote or curb the use of IT,
- apply methods and models for analysis and assessment of needs in an organisation,
- map out and model enterprise processes, suggest changes and demonstrate the effects of IT,
- demonstrate understanding of the prerequisites, challenges and consequences of development (for the organisation, tasks, IT application, the individual and business culture),
- present well-argued proposals for change and material for developing information systems,
- relate course content to current professional roles in the IT area.

### Content and Form of Instruction

The course deals with enterprise, IT-support and change efforts, treating concepts such as core activities, administration, controlling, change analysis, method, modelling and documenting theoretically (in lectures) as well as practically (case studies).

Instruction is in the form of lectures, supervised laboratory work and seminars.

#### Reading List

See separate document.

#### Examination

Examination is in the form of written or oral tests and/or presentation of application assignments. 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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