



Faculty of Arts and Social Sciences
Information Systems

Syllabus

Interaction Design

Course Code:	ISGC01
Course Title:	Interaction Design <i>Interaktionsdesign</i>
Credits:	7.5
Degree Level:	Undergraduate level
Progressive Specialisation:	First cycle, has at least 60 credits in first-cycle course/s as entry requirements (G2F)

Major Field of Study:
IKA (Information Systems)

Course Approval

The syllabus was approved by the Faculty of Arts and Social Sciences 2016-11-07, and is valid from the Autumn semester 2017 at Karlstad University.

Prerequisites

Information Systems 60 ECTS cr., or Information Systems 30 ECTS cr and Project Management 30 ECTS cr, or equivalent

Learning Outcomes

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

- describe different cognition perspectives, perception theories and memory psychological concepts pertaining to the user's situation,
- identify, describe and use methods and models for dialogues and dialogue architecture,
- describe, compare, evaluate and apply methods of collecting requirements, content analysis, and user-oriented design of interactive systems,
- describe aspects of graphic design and design of web documents in web designing,
- describe, compare, evaluate and apply different methods for evaluating interactive systems.

Content

The aim of the course is that students acquire skills in identifying factors and conditions of importance to the computer-human interaction. Students should also acquire knowledge of approaches to the design and evaluation of interactive systems as well as knowledge of the psychological aspects pertaining to their design.

The course deals with the design and evaluation of interactive systems. The course also addresses the cognitive aspects pertaining to the user's situation, such as memory psychology, mental and conceptual models, and ways of identifying user needs.

The course is offered on or off campus. The campus version of the course provides instruction in the

form of seminars and lectures, as well as supervised application sessions, and for the distance version in the form of study guides and supervised application sessions via Internet based platform.

Reading List

See separate document.

Examination

Assessment is based on a written exam and oral and written presentations of individual application assignments and group assignments.

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 evaluation is partly based on student views and experiences obtained in accordance with current regulations and partly on other data and documentation. Students will be informed of the result of the evaluation and of any measures to be taken.

Course Certificate

A course certificate will be provided upon request.

Additional information

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