



Faculty of Arts and Social Sciences  
Information Systems

## Syllabus

### Planning and communicating an IS research project

<b>Course Code:</b>	ISAD22
<b>Course Title:</b>	Planning and communicating an IS research project <i>Planera och kommunicera ett forskningsprojekt i informatik</i>
<b>Credits:</b>	7.5
<b>Degree Level:</b>	Master's level
<b>Progressive Specialisation:</b>	Second cycle, has only first-cycle course/s as entry requirements (A1N)

**Major Field of Study:**  
IKA (Information Systems)

#### Course Approval

The syllabus was approved by the Faculty of Arts and Social Sciences 2018-09-03, and is valid from the Autumn semester 2018 at Karlstad University.

#### Prerequisites

Upper secondary level English B/6, or equivalent. Bachelor Degree in Information Systems, Computer Science, or equivalent.

#### Learning Outcomes

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

- give an account of the research approaches case study, action research, and design science research (DSR),
- plan empirical research in groups in accordance with one of the research approaches case study, action research, or design science research (DSR), using project management methodology,
- present arguments and results of research planning orally, in writing and visually in an established scholarly form,
- reflect on how the choice of media affects the communication of scholarly work and research results,
- critically assess the relevance and value of IT research to society, and
- design a plan for communicating research activities and results.

#### Content

The course expands on students' methodological knowledge acquired at Bachelor's level. Students who have taken other methods courses at Master's level can develop the research proposals submitted for these courses. As a basis for Master level studies, this course enhances theoretical as well as methodological skills.

Students design an empirical study with an emphasis on discussing and giving arguments for how the choice of approach (case study, action research or DSR) can clarify the research question and how data obtained from such research can be analysed. Students work in groups to practise their project management and interpersonal communication abilities. In particular, problem solving in groups and

group dynamics are treated. Students also develop academic writing skills and skills in presenting research approach visually and in writing. The course includes how research projects can be communicated in articles, applications, poster presentations and interactive demonstrators, as well as the role of mass media in various academic debates.

### **Reading List**

See separate document.

### **Examination**

Assessment is based on an individual hand-in assignment on research approaches, a group assignment presented and discussed at a mandatory seminar, an individual poster on the joint project which is also assessed orally and in writing at a mandatory seminar, and an individual project journal with a focus on teamwork.

### **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.