

Syllabus

Course Approval

The syllabus was approved by the Faculty Board for Arts and Social Sciences on 26 February 2016 and is valid from the autumn semester of 2016 at Karlstad University. Replaces previous syllabus of 4 May 2000.

Doctoral discipline

Information Systems

Course title

Information systems as an academic discipline

Credits

7.5

Degree Level

Doctoral

Language of Instruction

English. Individual supervision is offered in both Swedish and English.

Target group

Doctoral students in information systems

Aims

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

- The field and sub fields of Information Systems
- Information Systems as a multidisciplinary subject area with economic, human, pedagogic, linguistic and technical aspects
- The philosophic underpinnings of the development of the discipline of Information Systems
- The development of research in the field of Information Systems.

Course Content

The course has a focus on current research in the field of information systems and how the field has developed since 1965 when Information Systems/EDP was approved as an academic subject and discipline in Sweden.

The course deals with the following issues:

- Different definitions and demarcations of the subject Information Systems
- Perspectives and paradigms behind current research in the academic discipline of Information Systems
- The systematics of research in the Information Systems subject
- Survey of research areas in the academic discipline of Information Systems
- Similarities and differences between Swedish and international research
- Multidisciplinary cooperation in Information Systems and other academic subjects

- Systems development as a communication process between developer and user. Instruction is in the form of introductory lectures and a seminar series. A number of guest researchers from various universities and institutions deliver lectures on different perspectives of the subject information system. Doctoral students present and discuss their thesis projects and different application tasks in seminars.

Reading List

See separate document.

Examination

For a Pass grade active attendance and approved reports/essays based on two types of application tasks are required:

- (1) Five texts analysing the different perspectives and themes presented by the guest lectures (individually or in pairs)
- (2) An individually written article reflecting on and summarising different scientific approaches and suitable research methods to address different types of field issues.

Students who have failed to earn a Pass grade twice for an examination task has the right to file a request for a new examiner with the Faculty Research Programmes Committee.

Quality Assurance

Follow-up relating to learning conditions and goal-fulfilment takes place both during and upon completion of the course. The results will be used for the development and planning of future courses.

Additional information

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