

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