



Course syllabus

Faculty of Technology

Department of Informatics

1IL207 Informationslogistiska problem och lösningar, 7,5
högskolepoäng

Problem Solving in Information Logistics, 7.5 credits

Main field of study

Informatics

Subject Group

Informatics/Computer and Systems Sciences

Level of classification

First Level

Progression

G1N

Date of Ratification

Approved 2012-08-17

Revised 2017-11-13 by Faculty of Technology. Removal of ECTS-grading scale.

The course syllabus is valid from spring semester 2018

Prerequisites

General entry requirements.

Objectives

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

- explain central concepts, models and methods within information logistics
- demarcate the subject area of information logistics within informatics/in relation to information systems science
- analyze and identify information logistical problems and potential solutions from the perspective of life cycle of an information system (all parts up until termination)
- analyze and reflect on information logistical solutions in different organisations and areas
- identify practical information logistical problems in different areas and situations and suggest solutions in order to deal with them
- identify, analyze and discuss the relation between information supply and lack of information, asymmetric information and information overflow.

Content

The course comprises:

- definition and use of central concepts, models and methods in information logistics
- literature review and analysis concerning current problems and solutions within information logistics
- analysis of practical information logistical problems
- overview of current research in information logistics

Type of Instruction

The teaching consists of lectures, seminars and practical work. Participation in seminars and practical work is compulsory.

Examination

The course is assessed with the grades Fail (U), Pass (G) or Pass with Distinction (VG).

Assessment of student performance is made through written test and/or oral examinations and/or presentation of mandatory assignments. The assessment method is decided at the start of the course.

Students who do not pass the regular examination will be offered retrials close to the regular examination.

Course Evaluation

During the course or in close connection to the course, a course evaluation is to be carried out. The result and analysis of the course evaluation are to be communicated to the students who have taken the course and to the students who are to participate in the course the next time it is offered. The course evaluation is carried out anonymously. The compiled report will be filed at the Faculty.

Required Reading and Additional Study Material

Required Reading

Adair, J (2016) Decision Making and Problem Solving, 3rd ed, KoganPage, 87 p, ISBN: 978-0-7494-7561-1.

Hillard, Robert (2010) Information-Driven Business: How to Manage Data and Information for Maximum Advantage. John Wiley&Sons. 216 p. ISBN: 9780470625775

Öquist, O (2008) Systemteori i praktiken – konsten att lösa problem och nå resultat, Gothia Fortbildning, 136 p, ISBN: 978-91-7205-575-9.

Digitalt kurskompendium, Linnéuniversitetet, ej mer än 200 p.

Reference literature

Beynon-Davies, Paul (2009). Business Information Systems. Palgrave MacMillan. 482 p. ISBN: 9780230203686

Checkland, Peter & Holwell, Sue (1998). Information, Systems and Information Systems – making sense of the field. John Wiley & Sons. 259 p. ISBN: 9780471958208