

COURSE SYLLABUS

Project in Informatics, 7.5 credits

Project in Informatics, 7,5 högskolepoäng

Course Code:	INQR23	Education Cycle:	Second-cycle level
Confirmed by:	Council for Undergraduate and Masters Education Jan 4, 2013	Disciplinary domain:	Technology
Revised by:	Council for Undergraduate and Masters Education Apr 25, 2014	Subject group:	IF1
Valid From:	Jul 1, 2013	Specialised in:	A1N
Version:	2	Main field of study:	Informatics
Reg number:	IHH 2014/4401-122		

Intended Learning Outcomes (ILO)

On completion of the course the students will be able to:

Knowledge and understanding

1. demonstrate an understanding of the systems thinking and design-driven approaches to information systems management, design, and development.
2. discuss and implement a process for the (re)design and development of an information system.

Skills and abilities

3. identify and investigate problems and issues associated with the project and connect these to possible solutions.
4. identify actors, constraints and opportunities and evaluate their impact on the system being developed and on the possible future outcomes.
5. formally document processes and phases through identified deliverables.

Judgement and approach

6. evaluate a project's boundaries, goals, and constraints with a systemic approach.
7. assess and critically interpret the process and its outcomes.

Contents

The course provides students with a practice-oriented approach to designing, developing, and managing the design or redesign of an information system, and for assessing its possible outcomes, its results, and its impact on society. Theories and models presented in the previous courses in the program will also be applied throughout the course.

The contents and organization of the project work must be approved by the course manager before the project starts.

Type of instruction

Lectures, seminars, supervision, and workshops.

The teaching is conducted in English.

Prerequisites

Bachelor's degree in Informatics (or the equivalent).

Examination and grades

The course is graded A, B, C, D, E, FX or F.

ILOs 3, 4, 5, 6, and 7 will be assessed through the group work of the assigned project.

ILOs 1, 2, 6, and 7 will be assessed through the written individual exam.

Registration of examination:

Name of the Test	Value	Grading
Presentation	3 credits	A/B/C/D/E/FX/F
Project group work	4.5 credits	A/B/C/D/E/FX/F

Course evaluation

At the outset of the course the course manager ensures that course evaluators are elected (or exist) among the students. The course evaluation is carried out continuously as well as at the end of the course. On the completion of the course the course evaluators and course manager discuss the course evaluation and possible improvements. The result is reported to, among others, the Associate Dean for Education, the Council for Undergraduate and Master Education, and the Board of Directors of JIBS. The course manager shall at the outset of the following course report results and measures taken in the previous course evaluation.

Course literature

Literature

Unger, R. & Chandler, C. (2012). A Project Guide to UX Design. New Riders.

Resmini, A. & Rosati, L. (2011). Pervasive Information Architecture – Designing Cross-channel User Experiences. Morgan Kaufmann.

Stickdorn, M. & Schneider, J. (2012). This is Service Design Thinking. Wiley.

Armson, R. (2011). Growing Wings on the Way – Systems Thinking for Messy Situations. Triarchy Press.