

COURSE PLAN

Projektleddning för forskarstuderande, Forskarnivå Project Management for PhD students, Post-graduate level 4.5 credits/ECTS

Course Code: IT920F

The Course Plan Applies from: Jul 1, 2015

Date of Approval: May 28, 2015

Version Number: 1

Third-cycle Subject Area: Informatics

Academic Level: Graduate level

1 Name, Scope and Level of the Course

The course is given by the University of Skövde and is named Project Management for PhD students, Post-graduate level. It comprises 4.5 credits and is on Graduate level.

2 Objectives

After completing this course the student should be able to:

- Explain the project lifecycle,
- Set specific, measurable, achievable, relevant, time-bound goals,
- Create and monitor realistic project schedules,
- Explain the role of administration in research projects,
- Compare the different styles of academic leadership and
- Explain the strategic nature of research in university organizational structures.

3 Course Content

The course aims to give PhD students a practical understanding of the issues involved in managing a research project, focusing in particular on their own PhD dissertation. While the essential techniques of project management form the core of the course, these techniques will be set in the context of the broader university environment in which research plays an increasingly important role. Consequently, the course will

also address research administration, including effective leadership and strategic management in a modern university. This will give the students the knowledge necessary to conduct effective research both during their PhD studies and subsequently as a professional academic.

The course will cover the following topics:

- Principles of project management
- Project lifecycle
- Planning and setting goals
- Task definition and scheduling
- Critical path analysis
- Optimal work practices and time management
- Risk assessment and mitigation
- Project monitoring
- Project leadership
- Research infrastructure and administration
- Academic leadership and strategic management

4 Teaching

The teaching comprises lectures, seminars and tutorials. Group discussion features in all three modes of delivery

The teaching is conducted in English.

5 Examination

The course is graded Fail (U) or Pass (G).

The grade is translated to the ECTS grading scale (A, B, C, D, E, Fx or F).

Registration of examination:

Name of the Test	Value	Grading
Assignments	4.5 hp/ECTS	U/G

6 Admission Requirements

The admission requirements of the course are general entry requirements for third-cycle courses and study programmes, i.e. a second-cycle qualification or satisfied requirements for courses comprising at least 240 credits of which at least 60 credits were awarded in the second cycle, or the equivalent.

To be eligible for the course a Bachelor's Degree in Informatics, or from an area related to Informatics, or the equivalent, is required.

A further requirement is proof of skills in English equivalent of studies at upper secondary level in

Sweden, known as English course B. This is normally demonstrated by means of an internationally recognized test, e.g. IELTS, TOEFL,

or the equivalent.

7 Third-cycle Subject Area

The course forms a part of the third-cycle subject area of Informatics at the University of Skövde.

8 Decision on the Course and Ratification of the Course Plan

This course is approved by the Faculty Board at the University of Skövde May 28, 2015. This course plan

was ratified by the Faculty Board at the University of Skövde May 28, 2015. It is valid from Jul 1, 2015.

9 Provisos

This course can not constitute a part of a degree also containing a course, the content of which is totally or partly equivalent to the content of this course.

10 Additional Information

Further information will be available on the university's web pages before a course is provided.

National and local regulations for higher education are available on the university's web site.

During and after the course there will be a follow-up concerning the learning outcomes. The main objective of the follow-up is to contribute to improving the course. The research students' experience and points of view constitute one part of the scrutiny and is obtained through written group course evaluation/discussions. The research students will be informed about the outcome of these as well as of possible decisions concerning steps to be taken.

11 Course Literature and Other Educational Materials

The course literature comprises a set of course notes, supplemented by selected scientific articles and book chapters. A list of these are provided by the course director and are listed on the course website whenever the course is given.

Furthermore, additional relevant literature may be sourced by the students in consultation with their supervisors for use in the assignments.