



UNIVERSITY  
OF SKÖVDE

## COURSE SYLLABUS

TRANSLATION FROM SWEDISH

### Vetenskaplig workshop I, Forskarnivå Scientific Workshop I, Post-graduate level 5 credits

**Course Code:** IT0927F

**The Course Syllabus applies from:** Jan 1, 2019

**Date of Approval:** Dec 10, 2018

**Version Number:** 4

**Third-cycle Subject Area:** Informatics

**Academic Level:** Post-graduate level

#### 1 Name, Scope and Level of the Course

The course is given by the University of Skövde and is named Scientific Workshop I, Post-graduate level. It comprises 5 credits and is on Post-graduate level.

#### 2 Objectives

After completed course the PhD student should be able to:

- navigate in and identify current state-of-the-art research topics within the research domain;
- summarize, outline, and reason about works related to a sub-field within the research domain;
- methodologically review individual and combined research works within the research domain;
- describe how current research questions and results relate to the individuals, organisations, and the society at large;
- synthesize and constructively express critique, suggestions, and overall recommendation on how to improve, extend, and present research literature within the research domain;
- get a basic understanding of the concept of peer review in research; and
- orally and in written form present research within the research domain and be able to reason about its ties to the research domain in general.

#### 3 Course Content

Within the course, current research is analyzed, discussed, presented, reviewed and evaluated. PhD students are taught to summarize current state-of-the-art research, as well as constructively review important works in their research domain.

The course additionally trains the PhD students in aspects involved in the organization of research workshops and conferences through a one-day course workshop held at the end of the course. PhD students are tasked to write summaries of their own or other's work during the preparations for the workshop, review other PhD students' summaries, and to present their summaries at the workshop.

#### 4 Forms of Teaching

The teaching comprises of one introductory lecture, followed by individual work on writing, reviewing, and evaluating research literature. Submission and reviewing of works will be conducted using a conference management system. Participation in writing, reviewing, discussing in the preparatory phase, and presentation at the course workshop are necessary to pass the examination. The final examination part of the course is the course workshop, which will be held in the format of an academic workshop (similar to conference workshops) where students will present their work to their peers.

The teaching is conducted in English.

## 5 Examination

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

Registration of examination results:

Name of examination	Credits	Grading
Written assignment	2 hp/credits	U/G
Peer review	1.5 hp/credits	U/G
Presentation	1.5 hp/credits	U/G

To obtain a final passing grade of the course, each part of the examination must have been approved.

## 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.

In order to fulfil the specific entry requirements, the applicant must have completed academic courses of at least 60 credits, including independent thesis writing of at least 15 credits at advanced level, within the field Informatics, applicable areas of a similar kind or other fields which are judged as directly relevant for the licentiate or PhD thesis.

In addition upper secondary course English B, or the equivalent, is required.

## 7 Third-cycle Subject Area

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

## 8 Approval of Course and Course Syllabus

This course was established by the Committee for the Doctoral Programme in Informatics Dec 10, 2018. This course syllabus was ratified by the Committee for the Doctoral Programme in Informatics Dec 10, 2018. It is valid from Jan 1, 2019.

## 9 Overlapping with Another Course

This course cannot 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 website before the course is provided.

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

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

## 11 Course Literature and Other Educational Materials

Articles and research literature provided on the course website.