



COURSE SYLLABUS

Scientific Workshop I, Third-cycle level

5 credits

Course code: IT0927F

Version number: 6.0

Valid from: 2019-01-01

Ratified by: Committee for the Doctoral Programme in Informatics

Date of approval: 2018-12-10

1. General about the course

The course is provided by the University of Skövde and is named Scientific Workshop I (Vetenskaplig workshop I). It comprises 5 credits. The course is at third cycle.

The course is a part of the third-cycle subject area of Informatics.

2. Entry requirements

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.

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. 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.

5. Examination

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

To receive the grade Pass on the course, all examination parts have to be graded Pass.

The course has the following examination parts:

- **Written assignment**
2 credits, grades: G/U
- **Peer review**
1.5 credits, grades: G/U
- **Presentation**
1.5 credits, grades: G/U

Doctoral students with a permanent disability who have been approved for directed educational support may be offered adapted or alternative examinations.

6. Forms of teaching and language of tuition

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.

7. Course literature and other educational materials

Articles and research literature provided on the course website.

8. Doctoral student influence

Doctoral student influence in the course is ensured by course evaluation. The students are informed about the result of the evaluation and potential measures that have been made or are planned, based on the course evaluation.

9. Additional information

Further information about the course, as well as national and local governing documents for higher education, is available on the University's website.