



UNIVERSITY
OF SKÖVDE

COURSE SYLLABUS

Scientific Workshop I, third-cycle level

5 credits

Course code: IT0927F

Version number: 6.2

Valid from: 1 July 2024

Ratified by: Curriculum Committee for Third-cycle Studies

Date of ratification: 11 March 2024

1. General information about the course

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

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

2. Entry requirements

The prerequisites for this 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 course requirements of at least 60 credits, including an independent project of at least 15 credits at the second cycle, within the subject Informatics, applicable areas of a similar kind or other fields assessed as directly relevant for thesis work in the subject Informatics.

An additional requirement is proof of skills in English equivalent of studies at upper secondary level in Sweden, known as the Swedish course English 6. This is normally demonstrated by means of an internationally recognized language test, e.g. IELTS or TOEFL or the equivalent.

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 G (Pass) or U (Fail).

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

The examinations of the course consist of the following modes of assessment:

- **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 modes of assessment.

6. Types of instruction and language of instruction

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 means of course evaluation. The students are informed about the results of the evaluation and potential measures that have been taken 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 website of the University of Skövde.