UNIVERSITY OF SKÖVDE

TRANSLATION FROM SWEDISH

COURSE SYLLABUS

Information Security Management - Research A1N

7.5 credits

Course code: IT818A
Version number: 2
Valid from: 1 July 2026
Ratified by: Curriculum Committee for Informatics
Date of ratification: 5 February 2026

1. General information about the course

The course is provided by the University of Skövde and is named Information Security Management - Research A1N (Ledning och styrning av informationssäkerhet - forskning A1N). It comprises 7.5 credits and is a second-cycle course. The level of progression is A1N.

The course is a part of the main field of study in Informatics. The disciplinary domain of the course is Technology.

2. Entry requirements

A Bachelor's degree (equivalent to a Swedish kandidatexamen) within the fields of informatics or computer science or the equivalent.

A further requirement is proof of skills in English, equivalent of studies at upper secondary level in Sweden, known as English 6 or English level 2. This is normally demonstrated by means of an internationally recognized test, e.g., IELTS, TOEFL, or an equivalent.

3. Course content

The course offers in-depth knowledge regarding information security management by identifying and evaluating methods and tools to improve the systematic information security work in organizations. In addition the course contains elements for analyzing and reflecting on various research theories, research methods and research results in the thematic areas of privacy, information security and cybersecurity. The course ends with an element on formulating a research problem related to the thematic area.

4. Objectives

After the completed course the student should be able to:

- identify and evaluate methods and tools to improve systematic information security work in organizations,
- identify and critically reflect on research theories in the area of information security management,
- analyze research methods and research results related to privacy, information security and cybersecurity, and
- formulate a research problem related to privacy, information security and cybersecurity.

5. Examination

The course is graded VG (Pass with distinction), G (Pass) or U (Fail).

The course unit is examined both orally and in writing.

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

- **Written assignment**
  7.5 credits, grades: VG/G/U

Students with a permanent disability who have been approved for directed educational support may be offered adapted modes of assessment.

6. Types of instruction and language of instruction

The teaching is comprised of lectures and seminars.

The teaching is conducted in English.

7. Course literature and other educational materials

Scientific articles according to the reference list in the course site on the university's learning platform.

8. Student influence

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

The content of the course corresponds completely or partially with the following course(s) and cannot be included in the required credits of a degree qualification:

- IT772A - Information Security Management - Research A1F 7.5 credits

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.