

COURSE SYLLABUS

Systematic Searches and Scholarly Publishing, 3 credits

Systematisk sökning och vetenskaplig publicering, 3 högskolepoäng

Course Code: FTSVP33

Education Cycle: Third-cycle level

Confirmed: Sep 11, 2025

Valid From: Sep 01, 2025

Intended Learning Outcomes (ILO)

After a successful course, the student shall:

Knowledge and understanding

- demonstrate knowledge and understanding of a structured and systematic approach to the literature searching process
- demonstrate knowledge and understanding of the landscape of scholarly publishing

Skills and abilities

- demonstrate ability to define an information need and to formulate an adequate search strategy for a chosen research question
- demonstrate skills to effectively search publications in those databases from a self-formulated search strategy

Judgement and approach

- demonstrate ability to make a relevant selection among retrieved publications based on established criteria
- demonstrate ability to select one or several journals for their own publication and motivate the choice on the basis of the selection criteria treated in the course and be able to evaluate them by using appropriate indicators

Content

- Literature review types
- The literature searching process
- Bibliographic databases
- Development of scholarly communication
- Peer review
- Bibliometric indicators
- Publication strategy

Type of instruction

The teaching consists of lectures, workshops and exercises.

Language of instruction is in English.

Entry requirements

Admitted to third-cycle programme at the School of Engineering (or the equivalent).

Examination and grades

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

The examination is based on written examination and active participation during assignment seminars.

Further information concerning assessment of specific intended learning outcomes and grading criteria is provided in a study guide distributed at the beginning of the course.

Registration of examination:

Name of the Test	Value	Grading
Individual written examination ¹	1.5 credits	G/U
Seminar ¹	1.5 credits	G/U

¹Determines the final grade of the course, which is issued only when all course units have been passed.

Course literature

Please note that changes may be made to the reading list up until eight weeks before the start of the course.

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Booth, A., Sutton, A., Clowes, M., & Martyn-St James, M. (Latest ed.). Systematic approaches to a successful literature review. SAGE.

See course outline for additional literature (articles).

Other resources:

The Interactive Anti-Plagiarism Guide - Jönköping University (will be available on the learning platform).

Search and write (n.d.). Citing sources - how to create literature references. University Library: Jönköping University.