

POG0076, Information Retrieval and Methods for Scientific Communication, 3.0 Hp

Syllabus

Valid from: 2018V

Level within study regulation:

Third cycle

Subject:

- Other Social Science

Grading scale:

Pass / Failed

Course language:

Swedish

Entry requirements:

Admitted to PhD studies at SLU.

Objectives:

Aim

To develop participants' knowledge of factors affecting search process, scientific communication, source criticism and critical evaluation of publications.

To develop the skills needed for effective and methodical work with information retrieval and handling of references and scientific material.

To illustrate and problematise research information management, as well as the conditions and practices of scientific communication and publication.

Learning outcomes

After completing the course the participants should be able to:

- discuss the conditions and patterns of today's scientific communication and publishing
- plan, perform and analyse search strategies
- identify, describe and compare search tools within their research area
- within a research context critically evaluate search result and publications
- apply and problematise around bibliometric tools and methods for analysing scientific publications
- use basic functions in a reference management software
- handle research material in accordance with Swedish law: copyright legislation, the Principle of Public Access and the archival law

Content:

- search process, search strategies
- international reference databases and other relevant search tools
- critical reading
- reference management
- bibliometrics and strategic publishing
- scientific communication, open access and open research data
- preservation and handling of scientific material
- copyright

Modes of assessment:

Completing compulsory assignments, which include written tasks, quizzes and contributions on discussion forums. - If a student has failed an examination, the examiner has

the right to issue supplementary assignments. This applies if it is possible and there are grounds to do so.

- The examiner can provide an adapted assessment to students entitled to study support for students with disabilities following a decision by the university. Examiners may also issue an adapted examination or provide an alternative way for the students to take the exam.
- If this syllabus is withdrawn, SLU may introduce transitional provisions for examining students admitted based on this syllabus and who have not yet passed the course.
- For the assessment of an independent project (degree project), the examiner may also allow a student to add supplemental information after the deadline for submission. Read more in the Education Planning and Administration Handbook.

Organisation:

Library

Supplementary information

Other information:

- The right to participate in teaching and/or supervision only applies for the course instance the student was admitted to and registered on.
- If there are special reasons, students are entitled to participate in components with compulsory attendance when the course is given again. Read more in the Education Planning and Administration Handbook.