

SLUkurs

Syllabus

POG0076 Information Retrieval and Methods for Scientific Communication, 3.0 credits

Syllabus approved

2017-12-19

Subjects

Other Social Science

Education cycle

Third cycle

Grading scale

Pass / Failed

The requirements for attaining different grades are described in the course assessment criteria which are contained in a supplement to the course syllabus. Current information on assessment criteria shall be made available at the start of the course.

Language

English

Prior knowledge

Admitted to PhD studies at SLU.

Objective, including learning outcomes

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

Requirements for examination

Completing compulsory assignments, which include written tasks, quizzes and contributions on discussion forums.

Additional information

Apply at: <https://www.slu.se/en/subweb/library/publish-and-analyse/phdcourse/>

The course is completely web based, without any physical meetings. All learning

activities, submission of tasks and communication are via the SLU's learning platform. The course is given at part-time pace, which gives you great liberty to plan and to participate in the course, irrespectively of working place. Please notice that there are set assignment deadlines throughout the course and some of the assignments require active participation in discussion forums during a specific time. The course is given in English.

Responsible department

Library