



Sveriges lantbruksuniversitet
Swedish University of Agricultural Sciences

SLUkurs

Syllabus

POG0071 Information retrieval and Methods for Scientific Communication, online course, 2.0 credits

Syllabus approved

2015-12-22

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
- e-journals, e-books, other resources
- searching the web, web tools for communication
- reading skills/critical and analytical reading
- reference management
- bibliometrics and bibliometric tools
- scientific communication, open access, strategic publishing
- preservation and handling of scientific material
- copyright

Requirements for examination

Oral and written presentation of assignment

Additional information

The course is completely web based, without any physical meetings. All learning activities, submission of tasks and communication are via the learning platform Fronter. The course is given at part-time pace over six weeks. That gives you great liberty to plan your time and to participate in the course, irrespectively of your place of work. The course is given in English.

Responsible department

Library