

## Academic writing I. Library research: Search strategies, reference management and bibliometrics, 2.5 credits

Akademiskt skrivande I. Bibliotekskunskap: Sökstrategier, referenshantering och bibliometri, 2,5 högskolepoäng

<b>Course code:</b>	FOUK020
<b>Host School:</b>	School of Education, Culture and Communication
<b>Valid from:</b>	2024-01-01
<b>Established by:</b>	The Dean of the School UKK
<b>Decision date:</b>	2023-12-19
<b>Last modified:</b>	--
<b>Level of education:</b>	Third cycle level
<b>Language:</b>	English

### Course objective

The course aims to introduce advanced search strategies and practices, the use of reference management software, and to bibliometrics and other tools that can be used to gain an overview of a research discipline or field.

### Course content

Core library research skills, search strategies, reference management software, and tools for research field visualization.

### Intended learning outcomes

Upon completion of the course the doctoral student should be able to

1. Demonstrate an ability to identify information needs, and based on that select relevant databases/sources, formulate an adequate search strategy, implement and document the search, use tools for screening and evaluate the search results
2. Select and utilise reference management software
3. Create a visualization of a research area using bibliometric/altimetric indicators

## The intended qualitative targets in the Higher Education Ordinance, appendix 2.

### *Knowledge and understanding*

For the Degree of Doctor, the doctoral student shall demonstrate:

- A2: familiarity with research methodology in general and the methods of the specific field of research in particular

### *Competence and skills*

For the Degree of Doctor, the doctoral student shall demonstrate:

- B4: the ability in both national and international contexts to present and discuss research and research findings authoritatively in speech and writing and in dialogue with the academic community and society in general

### *Judgement and approach*

For a Degree of Doctor the doctoral student shall demonstrate

- C1: intellectual autonomy and disciplinary rectitude as well as the ability to make assessments of research ethics

## Teaching formats

Lectures, seminars, workshops

## Examination

NÄR: Active participation in all seminars, 0.5 credits, (learning outcomes 1, 3).

INL: Writing assignment. Outlining and substantiating a successful search in response to the student's research questions, utilizing reference management software and bibliometric tools. 2 credits, (learning outcomes 1-3).

## Grade

Examinations included in the course are assessed according to a two-grade scale, fail or pass.

Grades are to be decided by a teacher specially appointed by the university.

A person who has not passed the regular examination shall be given the opportunity to retake the test.

## **Requirements**

To participate in the course and the examinations included in the course, the applicant must be admitted to doctoral studies at Mälardalen University.

## **Selection criteria**

Doctoral students admitted to other higher education institutions within and outside of Sweden may be admitted to the course, subject to availability. The same applies to teachers at Mälardalens University that holds a PhD. Selection of applicants will be made in accordance with the ranking below.

1. Doctoral students at Mälardalen University
2. Doctoral students at other universities in Sweden
3. Doctoral students at other higher education institutions outside Sweden
4. Teachers at Mälardalen University that holds a PhD