UNIVERSITY OF SKÖVDE

TRANSLATION FROM SWEDISH

COURSE SYLLABUS

Information Retrieval and Academic Writing in Biomedicine G1F

7.5 credits

Course code: BM343G
Version number: 1
Valid from: 1 January 2027
Ratified by: Curriculum Committee for Health Sciences
Date of ratification: 20 May 2026

1. General information about the course

The course is provided by the University of Skövde and is named Information Retrieval and Academic Writing in Biomedicine G1F (Informationssökning och vetenskapligt skrivande i biomedicin G1F). It comprises 7.5 credits and is a first-cycle course. The level of progression is G1F.

The course is a part of the main field of study in Biomedicine. The disciplinary domain of the course is Natural Sciences.

2. Entry requirements

The course has the following entry requirements: 40 passed credits in one or more of the subjects of Biomedicine, Bioscience or Chemistry (or the equivalent).

3. Course content

Students will be taught about information retrieval and academic writing in biomedicine. The course covers how to search for, evaluate, analyze and critically review scientific publications as well as information from other sources with regard to both content and ethics. The course also deals with the structure and design of a medical research article. In addition, reference management and avoidance of plagiarism are covered in depth.

4. Objectives

After completion of the course, the student shall be able to:

- create search strategies and carry out searches in different types of databases as well as critically review the results
- give supporting arguments for the choice of search strategy and critically evaluate the use of information obtained from sources other than scientific databases in terms of content and from ethical and legal perspectives
- in a scientific manner and based on relevant guidelines, write selected sections of a medical research article and apply correct and relevant use of references
- account for and identify plagiarism in academic texts
- critically review other students' academic texts

5. Examination

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

The final grade is issued when all course units are passed.

The examinations of the course consist of the following modes of assessment:

- **Seminar assignments 1**
  1 credit, grades: G/U
- **Seminar assignments 2**
  2 credits, grades: G/U
- **Written assignment**
  3 credits, grades: G/U
- **Individual assignments**
  1.5 credits, grades: G/U

Students with a permanent disability who have been approved for directed educational support may be offered adapted modes of assessment.

6. Types of instruction and language of instruction

The teaching is comprised of lectures, seminars and workshops.

The teaching is conducted in English.

7. Course literature and other educational materials

Hofmann, A. H. (2023). *Scientific writing and communication: Papers, proposals, and presentations* (5th ed.). New York: Oxford University Press. ISBN 9780197613795.

Additional material are available on the learning platform.

Latest edition of the course literature shall be used.

8. Student influence

Student influence in the course is ensured by means of course evaluation. The students are informed about the results of the evaluation and potential measures that have been taken or are planned, based on the course evaluation.

9. Additional information

The content of the course corresponds completely or partially with the following course(s) and cannot be included in the required credits of a degree qualification:

- BM548G - Information Retrieval and Academic Writing in Biomedicine G2F 7.5 credits

Further information about the course, as well as national and local governing documents for higher education, is available on the website of the University of Skövde.