UNIVERSITY OF SKÖVDE

TRANSLATION FROM SWEDISH

COURSE SYLLABUS

Ethics and Methodology in Biomedicine G1F

7.5 credits

Course code: BM306G
Version number: 4
Valid from: 1 January 2027
Ratified by: Curriculum Committee for Health Sciences
Date of ratification: 22 April 2026

1. General information about the course

The course is provided by the University of Skövde and is named Ethics and Methodology in Biomedicine G1F (Etik och metod 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

Entry requirements for this course: 40 passed credits in biomedicine, bioscience or chemistry (or the equivalent).

3. Course content

The course provides an introduction to basic ethical concepts, principles and theories within biomedical research and how research must or may be conducted. The strengths and weaknesses of different laboratory methods will be addressed and the students will be trained in taking both methodological and ethical aspects into account when designing a scientific study based on a biomedical research question. In addition, students are trained in accurate scientific writing in English.

4. Objectives

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

- explain basic concepts, principles and theories within biomedical research ethics,
- describe laboratory methods in biomedicine, as well as critically examine the strengths and weaknesses of the methods
- based on a biomedical research question, design a scientific study and justify the choice of laboratory methods and discuss ethical aspects linked to the study design
- write a scientific report in English in biomedicine with correct reference management

5. Examination

The course is graded A (Excellent), B (Very good), C (Good), D (Satisfactory), E (Sufficient) or F (Fail).

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

- **Seminar assignments**
  2.5 credits, grades: G/U
- **Group assignments**
  2 credits, grades: G/U
- **Individual assignment**
  3 credits, grades: A/B/C/D/E/F (determines the final grade)

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 demonstrations, lectures, group assignments and seminars.

The teaching is conducted in English.

7. Course literature and other educational materials

Scientific articles are availible on the learning platform.

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

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.