UNIVERSITY OF SKÖVDE

TRANSLATION FROM SWEDISH

COURSE SYLLABUS

Project in Applied Bioinformatics G1F

7.5 credits

Course code: BI317G
Version number: 12
Valid from: 1 July 2024
Ratified by: Curriculum Committee for Bioscience
Date of ratification: 30 May 2024

1. General information about the course

The course is provided by the University of Skövde and is named Project in Applied Bioinformatics G1F (Projekt i tillämpad bioinformatik 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 Bioinformatics. It can also be a part of the main field of study in Bioscience. The disciplinary domain of the course is Natural Sciences.

2. Entry requirements

The course has the following entry requirements: passed BI117G Introduction to Bioinformatics G1N (or the equivalent).

3. Course content

The course gives the students practice in applying knowledge and skills acquired from previous course on a simpler molecular biological or biomedical problem.

4. Objectives

After completed course the student should be able to:

- apply commonly used tools in bioinformatics to a problem in molecular biology or biomedicine,
- plan and implement a simpler project intended to solve a bioinformatics problem,
- analyze and discuss results from a performed bioinformatics study,
- report results from a performed bioinformatics study, both orally and in a written report.

5. Examination

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

A final grade of the course is only issued when both the examination parts in the course have been passed.

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

- **Written report**
  6 credits, grades: A/B/C/D/E/F (determines the final grade)
- **Oral presentation**
  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 project work, supervision and presentations.

The teaching is conducted in English.

7. Course literature and other educational materials

Scientific articles supplied by the course coordinator.

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.