UNIVERSITY OF SKÖVDE

TRANSLATION FROM SWEDISH

COURSE SYLLABUS

Business Intelligence A1F

7.5 credits

Course code: IT730A
Version number: 10
Valid from: 1 July 2020
Ratified by: Curriculum Committee for Informatics
Date of ratification: 12 December 2019

1. General information about the course

The course is provided by the University of Skövde and is named Business Intelligence A1F (Business Intelligence A1F). It comprises 7.5 credits and is a second-cycle course. The level of progression is A1F.

The course is a part of the main field of study in Informatics. The disciplinary domain of the course is Technology.

2. Entry requirements

The course has the following entry requirements: passed IT734A Data Mining A1N and passed IT740A Visual Data Analysis A1N (or the equivalent).

3. Course content

The course consists of two parts. The first part introduces the emergence of Business Intelligence and its various applications. Ethical issues that may arise in connection with the analysis of data, are also discussed. The final part is practically oriented and focuses on creating a Business Intelligence solution for unstructured data.

4. Objectives

After completed course the student should be able to:

- extensively describe and problematize the origin of the area Business Intelligence,
- extensively describe and discuss application areas for Business Intelligence solutions,
- present and discuss ethical issues that may arise in connection with a Business Intelligence solution and
- design and implement a Business Intelligence solution and reflect on how an organisation may use the implemented solution.

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:

- **Seminars**
  2.5 credits, grades: G/U
- **Project report and demonstrator**
  5 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 project work and seminars/group discussions.

The teaching is conducted in English.

7. Course literature and other educational materials

Scientific articles designated on the course website.

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.