

Course Syllabus

Research Methodology 7.5 Credits, First Cycle

Learning Outcomes

Knowledge and Understanding

Upon completion of the course, students will be able to:

Course Content

The course deals with how scientific studies are structured, carried out, presented and valued. Central to that context are treated concepts such as scientific approach, research strategy, method, quantitative and qualitative studies, mixed research, reliability, validity, accuracy, precision, repetition, reproducibility, theoretical framework, etc. The course also deals with how ethical considerations are made in research contexts.

Assessment

- Quiz
- Laboratory work
- Running examination
- Project work

Grades

The grading scale used for the final course grade is U–VG.

Grades are reported as follows:

- Quiz - 2 Credits | U–G
- Laboratories - 1.5 Credits | U–G
- Continuous examination in seminar series - 1 Credit | U–G
- Project - 3 Credits | U–VG

Prerequisites

Data and Information Management, 15 credits or Entrepreneurship - Conditions and Distinctive Characters, 7 credits or Introduction to IT and Digital Services, 7.5 credits or Industrial Management - Basic Overview Course, 7.5 credits

Other Information

This course cannot be counted towards the same degree along with courses that have equivalent content.

If the student has received a decision/recommendation granting study support from Dalarna University because of a disability, then the examiner has the right to offer an alternative examination arrangement. The examiner takes into account the objectives in the course syllabus when deciding whether the examination can be adapted in accordance with the decision/recommendation.

Subject:

Information Systems

This course can be included in the following main field(s) of study:

1. Industrial Engineering and Management
2. Information Systems
3. Microdata Analysis

Progression Indicator within (each) main field of study:

1. G1F
2. G1F
3. G1F

Approved:

Approved 20 June 2023

Valid from 1 July 2023