

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

Written exam (2 credits), mandatory seminars and project work (4 credits) and laboratory work (1.5 credits).

Forms of Study

Lectures, mandatory seminars, workshops, project work, and laboratory work.

Grades

The Swedish grades U–VG.

Written exam, 2 credits, U-G, laboratory work, 1.5 credits, U-G, mandatory seminars and project work, 4 credits, U - VG

Prerequisites

Data- and Information Management, 15 credits

Other Information

The course corresponds to the course Research Methodology (IK1090 and GIK2BW).

Subject:

Information Systems

Group of Subjects:

Informatics/Computer and Systems Sciences

Disciplinary Domain:

Technology, 100%

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

1. Information Systems
2. Microdata Analysis

Progression Indicator within (each) main field of study:

1. G1F
2. G1F

Approved:

Approved 21 October 2021

Valid from 27 December 2021