Course Syllabus

Thesis Project for Higher Education Diploma in Informatics 7.5 Credits*, First Cycle

Learning Outcomes

The overall goal of the thesis project work is that students will be able to conduct and report on an academic investigation. This has its foundation in students' application of their knowledge and skills in the main field of study, Informatics. After completing the course, students will be able to:

Knowledge and understanding

- demonstrate in-depth or broadened knowledge within the main field of study
- demonstrate insight into relevant scientific methods

Skills and abilities

- demonstrate and formulate the aim, problem and research question(s) for the chosen area
- carry out a literature study to describe the current state of knowledge within the selected area
- select, justify and apply relevant scientific methods
- summarise and present results
- review and reflect on academic work
- complete the academic investigation within the given timeframe

Judgement and approach

- consider and handle any ethical aspects of the investigation
- reflect on their own results related to aim, problem description and research question(s)

Course Content

The degree project is conducted as an academic investigation that builds on knowledge and skills students have acquired during their education. The work is characterised by critical thinking and the use of proven scientific methods.
The degree project can be carried out either as an academic project in collaboration with an

* 1 Credit = 1 ECTS

external partner (business, public sector, incl. university or association) that has a relevant problem or as an in-depth literature study. Targeting the chosen area of investigation, the student will formulate the aim, problem description and research question(s), and search for and consider relevant literature, (where applicable) select data collection method(s) and collect data accordingly, select methods of analysis, and reflect on the obtained results and the methods used.

The work will be compiled in the form of a report and presented at a seminar.

Assessment
Project plan, 0.5 credits.
Written report, oral presentation, defence of written report, and peer review of another student's report, 7 credits.

Forms of Study
Independently conducted degree project by one or two students, supervision and presentations.

Grades
The Swedish grades U–VG.

To obtain a passing grade (VG) in the entire course, students must achieve a VG in the modul written degree project report, oral presentation, peer review of another degree project, incl. written peer review report.

Prerequisites
Research Methodology 7.5 credits First Cycle
90 credits of which at least 45 credits in the main field of Informations system

Other Information
For online teaching, both a microphone / headset and a webcam are required.
Replaces IK1094.

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 Credit = 1 ECTS

1. Information Systems
2. Microdata Analysis

Progression Indicator within (each) main field of study:
1. G1E
2. G1E

Approved:
Approved 26 November 2020
Valid from 10 December 2020