Subject module project in Computer science

Om kurset

uddannelse	Fagmodul i Datalogi
sted	01 - auditorium
Kursustype	afløsningsseminar
Undervisningssprog	Dansk

Tilmelding

Register through STADS Self-Service

The course description is preliminary

Kursus starter	01-02-2016
Kursus slutter	30-06-2016

English at a level equivalent to the Danish gymnasium level B

forudsætninger   It is recommended that the student has finished subject module course 1 before the subject module project is started. However, the subject module course 1 can be taken at the same time as the project is produced, if extra work is allowed for

formål   § 1. The aim of the Bachelor Subject module in Computer Science is to qualify the student in interdisciplinary development work, particularly in preparation for professional functions in software development, i.e. especially construction and analysis of software. The aim is to give general and valid qualifications at a scientific level. General terms and general understanding have a high priority and the student's ability to work in the field of computer science from a problem-solving and critical perspective is emphasised.

Indhold   The project work must address the main content of the Bachelor Subject module. The subject module must test the student's ability to describe and reflect on an independent piece of work where a middle-sized programming assignment is planned, implemented, tested and documented and in which a higher, general programming language is used.

The project work is finished with the completion of a project report.

The Study Board for Computer Science and Informatics stipulates further guidelines for the completion and size of the project.

bedømmelseskriterier   The goal of the project is that the student acquires knowledge, skills and competencies as stated in the "Description of competencies" for the bachelor subject module above. When evaluating the goal description especially the following is emphasized:

Knowledge:

● Knowledge about software development, including programming, algorithms and data structures

Skills:

● Skills in programming, testing and documenting a program in a higher, general programming language

● Skills in choosing and arguing for the choice of design, data structures and algorithms for the specific project

● Skills in specifying and modelling requirements for the functionality of information systems

Competencies:

● Competencies in planning, specifying standards for and leading a small software development process

Eksamensform	The project is completed in a group of 2 to 6 students, cf. the relevant Bachelor programme. The project work is assessed at an oral exam. The duration of the exam is half an hour per student, including evaluation. The exam is a group exam for the participants in the project group. At the exam the starting point is the students´ project report. The exam takes the form of a dialog between the students and the examiners. The students are examined on the basis of the entire project report and in such a way that individual evaluation is possible.

At least half of the examination time must be used to test the group members individually, evenly distributed among the individual members.

The students are examined on the basis of the entire project report which means that questions might be asked, not just concerning the project report, but concerning the entire academic field covered by the subject module. The individual students performance is graded. The grading is a total of the project report and the oral exam. One mark is given. |
| Reeksamensform | Same as ordinary exam |
| Eksamenstidspunkt | Exams will take place in week 24 and 25

You will be informed of details such as exact time and location later

Deadline for hand in the subject module assignment is Wednesday 25th of May |
| Aktivitetsansvarlig | Mads Rosendahl (madsr@ruc.dk)
Torben Braüner (torben@ruc.dk) |
| Kursussekretær | Heidi Lundquist (heilu@ruc.dk) |
| Underviser | Keld Helsgaun (keld@ruc.dk)
John Patrick Gallagher (jpg@ruc.dk) |

STADS
stamdata

fagmodulsprojekt

belastning : 15 ECTS   aktivitetskode : U25228

prøveform : Projekt   bedømmelse : 7-trinsskala   censur : Ekstern censur