Subject module project in Computer science

Om kurset

Uddannelse	Fagmodul i Datalogi
Aktivitetstype	fagmodulprojekt
Undervisningssprog	dansk / engelsk
Tilmelding	*Der sker løbende opdatering af informationer omkring aktiviteten frem til d. 30. maj, hvorfor der kan forekomme ændringer. Fra 1. juni kan du se den samlede og gældende beskrivelse/engelsk version.* Tilmelding sker via stads selvbetjening indenfor annonceret tilmeldingsperiode, som du kan se på Studieadministrationens hjemmeside Når du tilmelder dig kurset, skal du være opmærksom på, om der er sammenfald i tidspunktet for kursusafholdelse og eksamen med andre kurser, du har valgt. Uddannelsesplanlægningen tager udgangspunkt i, at det er muligt at gennemføre et anbefalet studieforløb uden overlap. Men omkring valgfrie elementer og studieplaner som går ud over de anbefalede studieforløb, kan der forekomme overlap, alt efter hvilke kurser du vælger. *The information about the activity will be continuously updated until 30 May, changes may occur. The final description will be available from 1 June* Registration is happing through stads selvbetjening within the announced registration period, as you can see on the Studyadministration homepage When registering for courses, please be aware of the potential conflicts between courses or exam dates on courses. The planning of course activities at Roskilde University is based on the recommended study programs which do not overlap. However, if you choose optional courses and/or study plans that goes beyond the recommended study programs, an overlap of lectures or exam dates may occur depending on which courses you choose.
Målbeskrivelse (bedømmelseskriterier)	Knowledge: • Knowledge of software development, including programming, algorithms and data structures. Skills: • Skills in programming, testing and documenting a program in a high-level, general-purpose programming language. • Skills in undertaking and justifying a choice of design, data structures and algorithms for a specific project. • Skills in specifying and modelling requirements towards the functionality of IT systems. Competencies: • Competency to plan, specify requirements for, manage and implement small software development processes.
Overordnet indhold	The aim of the subject module project is for the student to practise the ability to describe and reflect on an independently executed task involving the planning, implementation, testing and documentation of a medium-sized programming task, utilising a high-level, general-purpose programming language. The project work concludes with the compilation of a written project report.
Uddybende beskrivelse	See the description of the subject module project in the subject module description
Undervisnings- og arbejdsform	Project work and supervision.
Forventet arbejdsindsats (ects-deklaration)	Project work will have a total workload of 405 hours. 40 hours are spent on project formation and around 40 hours for the exam and preparation for the exam. During the project period, there are 15 hours of project formation workshops and internal evaluation and groups of 4 students can expect 15 hours of supervision during their project. Students who are granted permission to working alone must expect a reduced number of supervisions.
Pensum	The project literature and curriculum are determined by the students in consultation with the supervisor and in compliance with requirements and learning goals as specified in the study

	programme. The students are expected to utilize curriculum from own literature search and reviews, and where possible from existing computer science courses.
Forudsætninger for at gå til eksamen	Submission of the project report.
Prøveform	Project examination The project is compiled in groups of between two and six participants. The project work is assessed by an oral examination. The examination is a group examination for the members of the project group, and takes the form of a conversation between the students, the examiner and the moderator. Students are examined on the basis of the entire project report, in such a way as to secure individual assessment. At least half of the examination time must be devoted to testing the group members individually, and must be evenly distributed among the individual group members. Using the project report as a basis for the examination means that questions may be posed not only on the whole project report, but also within the academic field covered by the project module. The examination is based on the students' project report. The length of the project report must be between a minimum of 48,000 characters including spaces and a maximum of 240,000 characters including spaces. The size specifications include the cover, table of contents, bibliography, figures and other illustrations, but exclude any appendices. Papers that fail to meet the size specifications will be refused assessment, and one examination attempt will be deemed to have been used up. The assessment consists of a combined assessment of the project report and the oral presentation. A single overall grade is awarded. **Depending on the number of students, the duration of the examination, including assessment, is determined as follows** • 2 students 60 minutes • 3 students 75 minutes • 4 students 90 minutes • 5 students 105 minutes • 6 students 120 minutes
Omprøveform	Re-examination takes the same form as the ordinary examination.
Prøvetype	Gruppeprøve
Bedømmelse	7-trinsskala
Censur	Ekstern (dvs. at underviser og en ekstern censor bedømmer)
Evaluering- og feedback former	The project is supported by supervision from a project coordinator (at project establishment). The project coordinator is also facilitating establishment of the project groups. After a supervisor has been allocated to the project, the project group will be offered supervision throughout the projects period, i.e. throughout the semester. During the semester, a project group may, depending on how many students the group comprise, expect approximately one meeting per week. There will also be given feedback in connection with the mid-term evaluation, from supervisors as well as from other student groups. An electronic evaluation will take place at the end of the project period.
Undervisningsansvarlig	Mads Rosendahl (madsr@ruc.dk) Torben Braüner (torben@ruc.dk)
Underviser	Torben Braüner (torben@ruc.dk)
Eksamensadministration	IMT Studieadministration (imt-studieadministration@ruc.dk)

Kursusgange:

Hold: 1

DATA: Group formation

Tidspunkt	03-09-2018 13:15 til 03-09-2018 17:00
Forberedelsesnorm	Ikke valgt
Forberedelsesnorm d-vip	Ikke valgt
Sted	Se indholdsbeskrivelse
Underviser	Torben Braüner (torben@ruc.dk)
Indhold	For more information, please see: http://study.ruc.dk/class/view/14688

DATA: Group formation

Tidspunkt	04-09-2018 09:00 til 04-09-2018 12:00
Forberedelsesnorm	Ikke valgt
Forberedelsesnorm d-vip	Ikke valgt
Sted	Se indholdsbeskrivelse
Underviser	Torben Braüner (torben@ruc.dk)
Indhold	For more information, please see http://study.ruc.dk/class/view/14688

DATA: Group formation

Tidspunkt	05-09-2018 09:00 til 05-09-2018 12:30
Forberedelsesnorm	Ikke valgt
Forberedelsesnorm d-vip	Ikke valgt
Sted	Se indholdsbeskrivelse
Underviser	Torben Braüner (torben@ruc.dk)
Indhold	For more information, please see thttp://study.ruc.dk/class/view/14688

DATA: Group formation

Tidspunkt	06-09-2018 09:00 til 06-09-2018 12:00
Forberedelsesnorm	Ikke valgt
Forberedelsesnorm d-vip	Ikke valgt
Sted	Se indholdsbeskrivelse
Underviser	Torben Braüner (torben@ruc.dk)

Indhold	For more information, please see http://study.ruc.dk/class/view/14688

DATA: Submitting project report

Tidspunkt	18-12-2018 12:00 til 18-12-2018 12:00
Forberedelsesnorm	Ikke valgt
Forberedelsesnorm d-vip	Ikke valgt

DATA: Oral examination periode

Tidspunkt	17-01-2019 08:15 til 31-01-2019 17:00
Forberedelsesnorm	Ikke valgt
Forberedelsesnorm d-vip	Ikke valgt

DATA: Re-examination period

Tidspunkt	18-02-2019 08:15 til 22-02-2019 17:00
Forberedelsesnorm	Ikke valgt
Forberedelsesnorm d-vip	Ikke valgt