Research Seminar in Computer Science

Title	Research Seminar in Computer Science
Semester	E2023
Master programme in	Computer Science
Type of activity	Course
Teaching language	English
Study regulation	Read about the Master Programme and find the Study Regulations at ruc.dk

REGISTRATION AND STUDY ADMINISTRATIVE

Registration	You register for activities through stads selvbetjening during the announced registration period, which you can see on the Study administration homepage. When registering for courses, please be aware of the potential conflicts and overlaps between course and exam time and dates. The planning of course activities at Roskilde University is based on the recommended study programmes, which should not overlap. However, if you choose optional courses and/or study plans that goes beyond the recommended study programmes, an overlap of lectures or exam dates may occur depending on which courses you choose.
Number of participants	
ECTS	5
Responsible for the activity	Hua Lu (luhua@ruc.dk)
Head of study	Henrik Bulskov (bulskov@ruc.dk)
Teachers	
Study administration	IMT Registration & Exams (imt-exams@ruc.dk)
Exam code(s)	U60062

ACADEMIC CONTENT

Overall objective	The course is designed to prepare the students for their subsequent master's thesis in Computer Science. The course enables the students to describe a specific area of specialization and prepare a draft of the research question within the subject area. During the course, the students

	will find and select key, relevant peer-reviewed research publications within the subject area.
Detailed description of content	The course is designed to prepare the students for their subsequent master's thesis in Computer Science. The course enables the students to describe a specific area of specialization and prepare a draft of the research question within the subject area. During the course, the students will find and select key, relevant peer-reviewed research publications within the subject area.
Course material and Reading list	Selected articles and lecture notes that will be made available on the course Moodle page.
Overall plan and expected work effort	The course will have a total workload of 135 hours with ● 40 hours of lectures and exercises, ● 70 hours of preparation over the course period and ● 25 hours for the exam and preparation before the course.
Format	
Evaluation and feedback	Evaluation form to be filled out (anonymously) plus open discussion on the last course day.
Programme	
ASSESSMENT	
Overall learning outcomes	After completing this course, students will be able to: ● demonstrate advanced knowledge and understanding of a selected specialized computer science area based on the highest levels of international research. ● work independently on research-based questions in the field of computer science. ● take responsibility for one's own professional development and specialization in the field of computer science. ● communicate research-based knowledge and understanding of computer science and discuss professional computer science-related research questions on a scientific basis with both colleagues and non-specialists. ● work with IT issues both independently and in teams and be able to become proficient in new computer science subject areas in a systematic and critical way and independently take responsibility for one's own professional development and specialization.
Form of examination	Individual oral exam based on a written product.. The character limit of the written product is maximum 48.000 characters, including spaces. The character limits include the cover, table of contents, bibliography, figures and other illustrations, but exclude any appendices. Time allowed for exam including time used for assessment: 20 minutes. The assessment is an overall assessment of the written product(s) and

	the subsequent oral examination. Permitted support and preparation materials for the oral exam: All. Assessment: 7-point grading scale. Moderation: Internal co-assessor.
Form of Re-examination	Samme som ordinær eksamen / same form as ordinary exam
Type of examination in special cases	
Examination and assessment criteria	The exam will be conducted as a dialogue. In the exam, each student has a total of 20 minutes, which includes presentation, questions, grading and feedback. It is therefore recommended that the student use a maximum og 10 slides in the submission and exam.
Exam code(s)	Exam code(s) : U60062

Course days:

Hold: 1

Research Seminar in Computer Science (COMP)

time	12-09-2023 12:15 til 12-09-2023 16:00
location	10.1-025 - teorirum (32)
Teacher	Hua Lu (luhua@ruc.dk)

Research Seminar in Computer Science (COMP)

time	19-09-2023 12:15 til 19-09-2023 16:00
location	10.1-025 - teorirum (32)
Teacher	Hua Lu (luhua@ruc.dk)

Research Seminar in Computer Science (COMP)

time	26-09-2023 12:15 til 26-09-2023 16:00
location	10.1-025 - teorirum (32)
Teacher	Hua Lu (luhua@ruc.dk)

Research Seminar in Computer Science (COMP)

time	03-10-2023 12:15 til 03-10-2023 16:00
location	10.1-025 - teorirum (32)
Teacher	Hua Lu (luhua@ruc.dk)

Research Seminar in Computer Science (COMP)

time	10-10-2023 12:15 til 10-10-2023 16:00
location	10.1-025 - teorirum (32)
Teacher	Hua Lu (luhua@ruc.dk)

Research Seminar in Computer Science (COMP)

time	17-10-2023 12:15 til 17-10-2023 16:00
location	10.1-025 - teorirum (32)
Teacher	Hua Lu (luhua@ruc.dk)

Research Seminar in Computer Science (COMP)

time	24-10-2023 12:15 til 24-10-2023 16:00
location	12.1-073 - teorilokale i 12.1 (30)
Teacher	Hua Lu (luhua@ruc.dk)

Research Seminar in Computer Science (COMP)

time	31-10-2023 12:15 til 31-10-2023 16:00
location	10.1-025 - teorirum (32)
Teacher	Hua Lu (luhua@ruc.dk)

Research Seminar in Computer Science (COMP)

time	07-11-2023 12:15 til 07-11-2023 16:00
location	10.1-025 - teorirum (32)
Teacher	Hua Lu (luhua@ruc.dk)

Research Seminar in Computer Science (COMP)

time	14-11-2023 12:15 til 14-11-2023 16:00
location	10.1-025 - teorirum (32)
Teacher	Hua Lu (luhua@ruc.dk)

Research Seminar in Computer Science - Hand-in (COMP)

time	04-12-2023 10:00 til 04-12-2023 10:00
forberedelsesnorm	ikke valgt
forberedelsesnorm D-VIP	ikke valgt

Research Seminar in Computer Science - Oral examination (COMP)

time	15-01-2024 08:15 til 16-01-2024 18:00
forberedelsesnorm	ikke valgt
forberedelsesnorm D-VIP	ikke valgt

Research Seminar in Computer Science - Reexam - Hand-in (COMP)

time	05-02-2024 08:15 til 05-02-2024 18:00
forberedelsesnorm	ikke valgt
forberedelsesnorm D-VIP	ikke valgt

Research Seminar in Computer Science - Oral reexamination (COMP)

time	12-02-2024 08:15 til 12-02-2024 18:00
forberedelsesnorm	ikke valgt
forberedelsesnorm D-VIP	ikke valgt