HAW Kiel
Hochschule für Angewandte Wissenschaften Kiel
Kiel University of Applied Sciences

CSMT - Computer Science Master Thesis

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General information	
Module Code	CSMT
Unique Identifier	
Module Leader(s)	Prof. Dr. Prochnow, Steffen (steffen.prochnow@haw-kiel.de)
Lecturer(s)	Prof. Dr. Acker, Wolfram (wolfram.acker@haw-kiel.de) Prof. Dr. Aßmuth, Andreas (andreas.assmuth@haw-kiel.de) Prof. Dr. Ehlers, Jens (jens.ehlers@haw-kiel.de) Dipl.-Inform. Kopka, Corina (corina.kopka@haw-kiel.de) Prof. Dr. Lüssem, Jens (jens.luessem@haw-kiel.de) Prof. Dr. Manzke, Robert (robert.manzke@haw-kiel.de) Prof. Prieß, Malte (malte.priess@haw-kiel.de) Prof. Dr. Schramm, Hauke (hauke.schramm@haw-kiel.de) Prof. Dr. Woelk, Felix (felix.woelk@haw-kiel.de)
Offered in Semester	Wintersemester 2026/27
Module duration	1 Semester
Occurrence frequency	Regular
Module occurrence	In der Regel jedes Semester
Language	Englisch
Recommended for international students	Yes
Can be attended with different study programme	No

Curricular relevance (according to examination regulations)

Study Subject: M.Sc. - MCS - Computer Science (PO 2023, V1)
Module type: Pflichtmodul
Semester: 3

Qualification outcome

Areas of Competence: Knowledge and Understanding; Use, application and generation of knowledge; Communication and cooperation; Scientific self-understanding / professionalism.

With regard to the analysis and solution of technical and economic problems, the students can independently apply the skills they have acquired during their studies and penetrate and use expanding scientific literature.

The students ....
... can work out open technical questions using scientific methods and basic rules of scientific work and present them in written document
... can independently investigate a topic, collect information, as well as evaluate and interpret it.
... can independently investigate a topic and fill information gaps
... can develop case-related solutions and develop and implement them based on the current state of science.
... apply research methods in practice and prepare the central research findings for publication in a target domain-specific manner.

The students can work purposefully and successfully with involved cooperation partners and their supervisors on the basis of empathy, the ability to deal with conflict and consensus, the ability to persevere and social openness. They are able to deal scientifically with the complexity and uncertainty of an open problem or unclear and contradictory situations or open problems. In this context, they are able to make and communicate proposals and/or decisions with incomplete information.
The students have sufficient learning ability and willingness to learn to acquire (technical) knowledge and apply skills and behavior in the context of writing the thesis. They are able to develop, implement and implement innovations, even if they require unknown or unfamiliar patterns of action. They are able to organize their own work. They know how to write a scientific work that is correctly structured in terms of both form and method on the topic they have worked on independently.

Content information

Content	The Master thesis is considered the final work of the program. It serves to apply knowledge what has been learned during the program to real world problem. For this purpose, the Master thesis deals with a scientific questions in the field of the study program or similar subject areas. The student works independently and finally documents his work.

Teaching formats of the courses

Teaching format	**SWS**
Keine Präsenzzeit	0

Workload

Number of SWS	0 SWS
Credits	25,00 Credits
Contact hours	0 Hours
Self study	750 Hours

Module Examination

Examination prerequisites according to exam regulations	None
CSMT - Abschlussarbeit (Thesis)	Method of Examination: Abschlussarbeit (Thesis) Weighting: 100% wird angerechnet gem. § 11 Absatz 2 PVO: No Graded: Yes

Miscellaneous

Miscellaneous	Master Thesis procedures - see https://collab.fh-kiel.de/course/view.php?id=127