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

CSMT - Computer Science Master Thesis

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Allgemeine Informationen	
Modulkürzel oder Nummer	CSMT
Eindeutige Bezeichnung	
Modulverantwortlich(e)	Prof. Dr. Prochnow, Steffen (steffen.prochnow@haw-kiel.de)
Lehrperson(en)	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)
Wird angeboten zum	Sommersemester 2026
Moduldauer	1 Fachsemester
Angebotsfrequenz	Regelmäßig
Angebotsturnus	In der Regel jedes Semester
Lehrsprache	Englisch
Empfohlen für internationale Studierende	Ja
Ist als Wahlmodul auch für andere Studiengänge freigegeben (ggf. Interdisziplinäres Modulangebot - IDL)	Nein

Studiengänge und Art des Moduls (gemäß Prüfungsordnung)

Studiengang: M.Sc. - MCS - Computer Science (PO 2023, V1)
Modulart: Pflichtmodul
Fachsemester: 3

Kompetenzen / Lernergebnisse

Kompetenzbereiche: Wissen und Verstehen; Einsatz, Anwendung und Erzeugung von Wissen; Kommunikation und Kooperation; Wissenschaftliches Selbstverständnis/Professionalität.

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.

Angaben zum Inhalt

Lehrinhalte	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.

Lehrformen der Lehrveranstaltungen

Lehrform	**SWS**
Keine Präsenzzeit	0

Arbeitsaufwand

Anzahl der SWS	0 SWS
Leistungspunkte	25,00 Leistungspunkte
Präsenzzeit	0 Stunden
Selbststudium	750 Stunden

Modulprüfungsleistung

Voraussetzung für die Teilnahme an der Prüfung gemäß PO	Keine
CSMT - Abschlussarbeit (Thesis)	Prüfungsform: Abschlussarbeit (Thesis) Gewichtung: 100% wird angerechnet gem. § 11 Absatz 2 PVO: Nein Benotet: Ja

Sonstiges

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