

CSRP - Computer Science Research Project

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Allgemeine Informationen	
Modulkürzel oder Nummer	CSRP
Eindeutige Bezeichnung	CompSciResPr-01-MA-M
Modulverantwortlich(e)	Prof. Dr. Prochnow, Steffen (steffen.prochnow@haw-kiel.de)
Lehrperson(en)	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. Lüsse, 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. Prochnow, Steffen (steffen.prochnow@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 im Wintersemester
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: 2

Kompetenzen / Lernergebnisse
<i>Kompetenzbereiche: Wissen und Verstehen; Einsatz, Anwendung und Erzeugung von Wissen; Kommunikation und Kooperation; Wissenschaftliches Selbstverständnis/Professionalität.</i>
Independent familiarisation of a new topic and/or deepening of existing knowledge through practical work. Application of theoretical knowledge to practical project. Scientific working, practical realization of scientific theories, creation and execution of experiments, improving problem solving competences. Improving communication skills, team work. Application of research methodologies in project work. Derivation scientific outcome.

Angaben zum Inhalt

Lehrinhalte	<p>Compulsory research oriented project work, which may be carried out either within the University or an external company.</p> <p>If carried out within the University it is desirable to be executed within a team of 4 people.</p> <p>In both cases, the research topic needs to be agreed upon with University staff prior to starting the project work.</p> <p>A written 2-4 page proposal needs to be provided prior to commencement , comprising:</p> <ul style="list-style-type: none"> - Title and abstract - Research hypothesis / possible outcome - Separation into research and development components - Preliminary table of content - 4 relevant literature references <p>The master research project requires independent and self-contained work on R&D projects to deepen the knowledge obtained from lectures. New research hypothesis may be developed independently.</p> <p>The project work typically includes:</p> <ul style="list-style-type: none"> • Creation of literature surveys and comparative studies • Creation and assessment of methods according to standard research methodologies • Execution of experiments and documentation • Creation, implementation and documentation of tools and applications (development on a scientific basis) • Publishing research results <p>The actual topic has to be discussed on an individual basis with a faculty member prior to commencement.</p>
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Lehrformen der Lehrveranstaltungen

Lehrform	SWS
Projekt	0

Arbeitsaufwand

Anzahl der SWS	0 SWS
Leistungspunkte	15,00 Leistungspunkte
Präsenzzeit	0 Stunden
Selbststudium	450 Stunden

Modulprüfungsleistung

Voraussetzung für die Teilnahme an der Prüfung gemäß PO	Keine
CSRP - Projektbezogene Arbeiten	Prüfungsform: Projektbezogene Arbeiten Gewichtung: 100% wird angerechnet gem. § 11 Absatz 2 PVO: Nein Benotet: Ja