

## CSRP - Computer Science Research Project

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<b>Allgemeine Informationen</b>	
<b>Modulkürzel oder Nummer</b>	CSRP
<b>Eindeutige Bezeichnung</b>	CompSciResPr-01-MA-M
<b>Modulverantwortlich(e)</b>	Prof. Dr. Prochnow, Steffen (steffen.prochnow@haw-kiel.de)
<b>Lehrperson(en)</b>	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)
<b>Wird angeboten zum</b>	Wintersemester 2025/26
<b>Moduldauer</b>	1 Fachsemester
<b>Angebotsfrequenz</b>	Regelmäßig
<b>Angebotsturnus</b>	In der Regel im Wintersemester
<b>Lehrsprache</b>	Englisch
<b>Empfohlen für internationale Studierende</b>	Ja
<b>Ist als Wahlmodul auch für andere Studiengänge freigegeben (ggf. Interdisziplinäres Modulangebot - IDL)</b>	Nein

<b>Studiengänge und Art des Moduls (gemäß Prüfungsordnung)</b>
Studiengang: M.Sc. - MCS - Computer Science (PO 2023, V1) Modulart: Pflichtmodul Fachsemester: 2

<b>Kompetenzen / Lernergebnisse</b>
<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

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

<b>Anzahl der SWS</b>	0 SWS
<b>Leistungspunkte</b>	15,00 Leistungspunkte
<b>Präsenzzeit</b>	0 Stunden
<b>Selbststudium</b>	450 Stunden

## Modulprüfungsleistung

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