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

MRP1 - Master Research Project - 1

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General information	
Module Code	MRP1
Unique Identifier	ResProj1-01-MA-M
Module Leader(s)	Prof. Dr. Prochnow, Steffen (steffen.prochnow@haw-kiel.de)
Lecturer(s)	Prof. Dr. Ehlers, Jens (jens.ehlers@haw-kiel.de) Prof. Dr. Lüssem, Jens (jens.luessem@haw-kiel.de) Prof. Dr. Manzke, Robert (robert.manzke@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)
Offered in Semester	Sommersemester 2026
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: Wahlmodul Semester: 1, 2
Study Subject: M.Sc. - MIE - Information Engineering (PO 2022, V3) Module type: Wahlmodul Semester: 1, 2, 3

Qualification outcome
Areas of Competence: Knowledge and Understanding; Use, application and generation of knowledge; Communication and cooperation; Scientific self-understanding / professionalism.
Method competences: Scientific working, practical realization of scientific theories, creation and execution of experiments, improving problem solving competences.
Social competences: Instructing other students, improving communication skills.
Professional competences: Independent familiarisation in a new topic and/or deepening of existing knowledge through practical work.

Content information	
Content	Independent and self-contained work on sub-topics of R&D projects, deepening knowledge obtained from lectures. New research hypothesis may be developed independently. By instructing other students knowledge and competences should be deepened and transfered to other students. The research assistantship may be carried out in parallel to lectures. It shall offer the opportunity to carry out team work or individual work and get acquainted with research areas and staff. Typical work topics would include: • Creation and assessment of methods • Execution of experiments and documentation • Creation, implementation and documentation of tools and applications • Mentoring other students • Creation of literature surveys • Assisting with lectures • Publishing and assisting with grant applications • Helping with start-up efforts • Setting up and maintaining open-source efforts The actual topic has to be discussed on an individual basis with a faculty member.
Literature	• Literature depends on the specific project.

Teaching formats of the courses	
Teaching format	**SWS**
Projekt	4

Workload	
Number of SWS	4 SWS
Credits	5,00 Credits
Contact hours	48 Hours
Self study	102 Hours

Module Examination	
Examination prerequisites according to exam regulations	None
MRP1 - Projektbezogene Arbeiten	Method of Examination: Projektbezogene Arbeiten Weighting: 100% wird angerechnet gem. § 11 Absatz 2 PVO: No Graded: Yes