

AMS Lab Projects

(in German: AMS Lab Projects)

Module-ID: FIN-INF-999912

Link:	LSF
Responsibility:	Prof. Dr.-Ing. Benjamin Noack
Lecturer:	Prof. Dr.-Ing. Benjamin Noack
Classes:	<i>AMS Lab Projects</i>
Applicability in curriculum:	- M.Sc. INF: Informatik - M.Sc. INGINF: Informatik - M.Sc. INGINF: Ingenieurinformatik - M.Sc. WIF: Informatik - M.Sc. DKE: Applied Data Science - M.Sc. DE: Interdisziplinäres Team-Projekt - M.Sc. DE: Digital Engineering-Projekt - M.Sc. VC: Computer Science

Abbreviation AMS-Lab	Credit Points 6	Semester every	Term 2.	Duration 1 Semester	Language english	Level Master
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Intended learning outcomes:

Students who complete the course ...

- can collaborate in teams to solve challenges in technical domains and deepen their technical expertise.
- can manage a project and define goals and milestones
- can acquire the knowledge in a technical domain to derive solutions
- can present and document their work and achievements

Content:

This module offers different team projects and individual projects on current, research-related areas like:

- robotics
- sensor data processing
- navigation and planning
- optimization and control
- and more

Workload:

180 h of individual and team work

Pre-examination requirements:	Type of examination:	Teaching method / lecture hours per week (SWS):
	• Software and Documentation • Project report • Two Presentations	Project (2 SWS)

Prerequisites according to examination regulations:	Recommended prerequisites:
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Media:	Literature:
	Literature will be announced in the lecture.

Comments:

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