

Die Modulbeschreibung sollte direkt über diesen [Link](#) in HISinOne eingepflegt werden.

Module code	Module title	Category
MAIE2110	Enterprise Project 2	MA
	Degree program	MA Software Engineering
	Faculty	Building Services Engineering and Computer Science

Module coordinator	nn
Module type	Mandatory module
Frequency	1x annually in SuSe
Recommended semester	1. semester
Credit (ECTS-Points)	5
Academic Assessment Method	Exam with prerequisite PrP = Project / Assignment with presentation)
Teaching language	English
Admission requirements for this Module	none
Module duration	1 Semester
Required Registration	Students enrolled in the above-mentioned degree program/standard semester will be registered automatically upon re-enrollment; all other participants, please refer to the information below. none

Course		Lecturer	Type	Group Size (max.)	Number of Groups	Contact hours per week (SWS)	Workload (in h)	
							Face-to-face	Self-study
1	Enterprise Project 2	nn	Project assignment	30	1	4	60	65
2	Titel der Lehrveranstaltung.	Dozent*in	Wählen Sie ein Element aus.		Wählen Sie ein Element aus.			
3	Titel der Lehrveranstaltung.	Dozent*in	Wählen Sie ein Element aus.		Wählen Sie ein Element aus.			
4			Wählen Sie ein Element aus.					

5	Titel der Lehrveranstaltung.	Dozent*in	Wählen Sie ein Element aus.		Wählen Sie ein Element aus.			
Sum						4,0	60	65
Total Workload for Module							125	

Learning Objectives / Learning outcomes	1. Analyse complex enterprise requirements and define a suitable software solution. (<i>Analyse</i>) 2. Design and implement substantial software components, integrating with external systems or datasets. (<i>Create</i>) 3. Take leadership roles in planning, coordinating, or quality assurance activities. (<i>Evaluate/Create</i>) 4. Engage with external stakeholders and adapt the project based on feedback. (<i>Evaluate</i>) 5. Critically assess the project outcomes in terms of business impact, usability, and technical quality. (<i>Evaluate</i>) 6. Demonstrate autonomy and initiative in solving unexpected project challenges. (<i>Create</i>) 7. Prepare a professional project report and deliver a formal project presentation. (<i>Create/Evaluate</i>)
Contents	This advanced project module enables students to independently plan, implement, and evaluate a comprehensive software solution to a complex enterprise or research problem. Working individually or in small teams, students engage with real stakeholders, manage project dynamics, and take responsibility for both technical design and project execution. The project may involve external data sources, APIs, system integration, or deployment. A strong emphasis is placed on critical reflection, quality assurance, and communication of results through documentation and formal presentation. The course fosters autonomy, strategic thinking, and professional development.
Literature	• Sommerville, I. (2015). Software Engineering (10th ed.). Pearson. • Pressman, R. S., & Maxim, B. R. (2014). Software Engineering: A Practitioner's Approach (8th ed.). McGraw-Hill. • Hughes, B., & Cotterell, M. (2009). Software Project Management (5th ed.). McGraw-Hill. • Herzner, H. (2022). Project Management: A Systems Approach to Planning, Scheduling, and Controlling (13th ed.). Wiley. • GitHub Inc. Pro Git. https://git-scm.com/book/en/v2 • Atlassian. Agile Coach. https://www.atlassian.com/agile