MADBM-ITM - IT für das Management

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General information	
Module Code	MADBM-ITM
Unique Identifier	ITMgmtB-01-MA-M
Module Leader(s)	Prof. Dr. Wocken, Meike (meike.wocken@haw-kiel.de)
Lecturer(s)	Prof. Dr. Wocken, Meike (meike.wocken@haw-kiel.de)
Offered in Semester	Wintersemester 2026/27
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	Yes

Curricular relevance (according to examination regulations)
Study Subject: M.A. - DBM - Digital Business Management (Aufnahme ab WiSe 25/26) Module type: Pflichtmodul Semester: 2
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Qualification outcome
Areas of Competence: Knowledge and Understanding; Use, application and generation of knowledge; Communication and cooperation; Scientific self-understanding / professionalism.
In the context of the challenges of "practice-oriented IT for decision makers" students know and understand, 1.) the role and relevance of IT as an enabler of corporate objectives and as a driver of value creation, with reference to its historical development, current socio-political trends, including ethical considerations; 2.) the resulting adequate and modern paradigms, organizational models, and approaches such as agile organizational forms, and the associated concepts for development, operations, and sourcing within a contemporary enterprise IT landscape; 3.) fundamental architecture models at various levels, including enterprise, application, and infrastructure architecture, and their relevance for a transformable IT landscape in corporate practice in the digital age; t 4.) he relevance of cross-cutting topics such as “cybersecurity and resilience” or “data and artificial intelligence.”

Students are able to (in real-world corporate application cases) 1.) assess and present the possible roles, objectives, and visions of enterprise IT; 2.) distinguish between fundamental organizational and architecture models, concepts, methods, and process models, and evaluate them in a differentiated manner with regard to their advantages and disadvantages as well as their opportunities and risks; 3.) evaluate the various development, operations, and sourcing concepts of a contemporary enterprise IT in a differentiated manner with regard to their advantages and disadvantages as well as their opportunities and risks; 4.) assess which state-of-the-art approaches can be effectively applied in transformation projects in the digital age, and justify their related preferences.
Students are able, in class contributions, discussions, talks, and presentations, 1.) to explain complex subject-specific issues related to the use of IT, 2.) to construct theoretically and methodologically sound arguments for their own proposed solutions, 3.) and to present and defend these publicly within the university as well as to non-experts.
Students are able 1.) to reflect on their own subject-related actions and competencies using theoretical and methodological knowledge, based on their personal experiences and observations, including through dialogue with guest speakers and practitioners; 2.) can work independently on open-ended tasks; 3.) and can competently deal with the increasing uncertainty of managerial decision-making in a VUCA environment.

Content information	
Content	IT strategy and IT management, including concepts, methods, and process models of contemporary IT. Impact of IT on digitalization and automation. Modern paradigms and capabilities of IT management and related organizational forms, development, operations, and sourcing concepts, IT architecture models, and cross-cutting topics (cybersecurity, data/AI) #itstrategy #itmanagement #itprojects #developmentprocess #itarchitecture #sourcing #leadership #agile #devops #cybersecurity #ittrends
Literature	Basic literature (additional literature and materials will be announced on the e-learning platform): - Camille Fournier. (2017). The Manager’s Path :A Guide for Tech Leaders Navigating Growth and Change. O’Reilly Media. - Lionel Pilorget, & Thomas Schell. (2018). IT Management :The Art of Managing IT Based on a Solid Framework Leveraging the Company´s Political Ecosystem. Springer Vieweg. - John Kyriazoglou. (2025). AI Management Framework. Apress. - Eben Hewitt. (2018). Technology Strategy Patterns :Architecture As Strategy (First edition). O’Reilly Media.

Teaching formats of the courses	
Teaching format	**SWS**
Lehrvortrag + Übung	2

Workload	
Number of SWS	2 SWS
Credits	5,00 Credits

Contact hours	24 Hours
Self study	126 Hours

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