MADBM-ITM - IT für das Management

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Allgemeine Informationen	
Modulkürzel oder Nummer	MADBM-ITM
Eindeutige Bezeichnung	ITMgmtB-01-MA-M
Modulverantwortlich(e)	Prof. Dr. Wocken, Meike (meike.wocken@haw-kiel.de)
Lehrperson(en)	Prof. Dr. Wocken, Meike (meike.wocken@haw-kiel.de)
Wird angeboten zum	Wintersemester 2026/27
Moduldauer	1 Fachsemester
Angebotsfrequenz	Regelmäßig
Angebotsturnus	In der Regel jedes Semester
Lehrsprache	Englisch
Empfohlen für internationale Studierende	Ja
Ist als Wahlmodul auch für andere Studiengänge freigegeben (ggf. Interdisziplinäres Modulangebot - IDL)	Ja

Studiengänge und Art des Moduls (gemäß Prüfungsordnung)
Studiengang: M.A. - DBM - Digital Business Management (Aufnahme ab WiSe 25/26) Modulart: Pflichtmodul Fachsemester: 2
Studiengang: M.A. - DBM - Digital Business Management (Aufnahme bis SoSe 25) Modulart: Pflichtmodul Fachsemester: 2

Kompetenzen / Lernergebnisse
Kompetenzbereiche: Wissen und Verstehen; Einsatz, Anwendung und Erzeugung von Wissen; Kommunikation und Kooperation; Wissenschaftliches Selbstverständnis/Professionalität.
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.

Angaben zum Inhalt

Lehrinhalte	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
Literatur	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.

Lehrformen der Lehrveranstaltungen

Lehrform	**SWS**
Lehrvortrag + Übung	2

Arbeitsaufwand

Anzahl der SWS	2 SWS
Leistungspunkte	5,00 Leistungspunkte

Präsenzzeit	24 Stunden
Selbststudium	126 Stunden

Modulprüfungsleistung	
Voraussetzung für die Teilnahme an der Prüfung gemäß PO	Keine
MADBM-ITM - Projektbezogene Arbeiten	Prüfungsform: Projektbezogene Arbeiten Gewichtung: 100% wird angerechnet gem. § 11 Absatz 2 PVO: Nein Benotet: Ja