

# MADBM-ITM - IT für das Management

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

<b>Studiengänge und Art des Moduls (gemäß Prüfungsordnung)</b>
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

<b>Kompetenzen / Lernergebnisse</b>
<i>Kompetenzbereiche: Wissen und Verstehen; Einsatz, Anwendung und Erzeugung von Wissen; Kommunikation und Kooperation; Wissenschaftliches Selbstverständnis/Professionalität.</i>
In the context of the challenges of "practice-oriented IT for decision makers" students know and understand,
<ol style="list-style-type: none"> <li>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;</li> <li>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;</li> <li>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</li> <li>4.) the relevance of cross-cutting topics such as "cybersecurity and resilience" or "data and artificial intelligence."</li> </ol>

Students are able to (in real-world corporate application cases)
<ol style="list-style-type: none"> <li>1.) assess and present the possible roles, objectives, and visions of enterprise IT;</li> <li>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;</li> <li>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;</li> <li>4.) assess which state-of-the-art approaches can be effectively applied in transformation projects in the digital age, and justify their related preferences.</li> </ol>
Students are able, in class contributions, discussions, talks, and presentations,
<ol style="list-style-type: none"> <li>1.) to explain complex subject-specific issues related to the use of IT,</li> <li>2.) to construct theoretically and methodologically sound arguments for their own proposed solutions,</li> <li>3.) and to present and defend these publicly within the university as well as to non-experts.</li> </ol>
Students are able
<ol style="list-style-type: none"> <li>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;</li> <li>2.) can work independently on open-ended tasks;</li> <li>3.) and can competently deal with the increasing uncertainty of managerial decision-making in a VUCA environment.</li> </ol>

Angaben zum Inhalt	
<b>Lehrinhalte</b>	<p>IT strategy and IT management, including concepts, methods, and process models of contemporary IT. Impact of IT on digitalization and automation.</p> <p>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)</p> <p>#itstrategy #itmanagement #itprojects #developmentprocess #itarchitecture #sourcing #leadership #agile #devops #cybersecurity #ittrends</p>
<b>Literatur</b>	<p>Basic literature (additional literature and materials will be announced on the e-learning platform):</p> <ul style="list-style-type: none"> <li>- Camille Fournier. (2017). The Manager's Path :A Guide for Tech Leaders Navigating Growth and Change. O'Reilly Media.</li> <li>- Lionel Pilorget, &amp; Thomas Schell. (2018). IT Management :The Art of Managing IT Based on a Solid Framework Leveraging the Company's Political Ecosystem. Springer Vieweg.</li> <li>- John Kyriazoglou. (2025). AI Management Framework. Apress.</li> <li>- Eben Hewitt. (2018). Technology Strategy Patterns :Architecture As Strategy (First edition). O'Reilly Media.</li> </ul>

Lehrformen der Lehrveranstaltungen	
<b>Lehrform</b>	<b>SWS</b>
Lehrvortrag + Übung	2

Arbeitsaufwand	
<b>Anzahl der SWS</b>	2 SWS
<b>Leistungspunkte</b>	5,00 Leistungspunkte

<b>Präsenzzeit</b>	24 Stunden
<b>Selbststudium</b>	126 Stunden

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