

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

Module code	Module title	Category
MAI2010	Advanced Topics Business Systems	MA
	Degree program	MA Software Engineering
	Faculty	Building Services Engineering and Computer Science

Module coordinator	Prof. Dr. Volker Herwig
Module type	Mandatory module
Frequency	1x annually in WiSe
Recommended semester	1. semester
Credit (ECTS-Points)	5
Academic Assessment Method	Exam K = Written exam PL (N), K90
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	Advanced Topics in Business System	Herwig	Seminar	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		Wählen Sie ein			

			Element aus.		Element aus.			
Sum						4,0	60	65
Total Workload for Module							125	

Learning Objectives / Learning outcomes	Students are able to: - Assess the area of tension between business departments and the IT department - Evaluate and further develop IT organizations - Understand the structure of the IT organization and its impact on IT governance - Assess the application possibilities of IT governance - Actively shape the processes of IT product development in a corporate environment - Evaluate IT operations (IT service management) from both the provider's and the customer's perspectives - Assess traditional and agile project management approaches with regard to their applicability in a business context
Contents	- IT in the enterprise and business application systems - Key issues of corporate IT - IT organization - IT risk management - IT cost management - IT strategy and planning - IT governance - IT product development and development techniques in a corporate environment - IT operations in a corporate environment (IT service management, ITIL) - Agile project management and agile software development, SCRUM - Six Sigma
Literature	- Herwig, V.: Slides of lecture - Laudon, K. C., & Laudon, J. P.: Management Information Systems: Managing the Digital Firm - Stair, R., & Reynolds, G.: Principles of Information Systems - Rainer, R. K., & Prince, B.: Introduction to Information Systems: Supporting and Transforming Business - Galliers, R. D., Leidner, D. E., & Baker, B. S. H.: Strategic Information Management: Theory and Practice - McKeen, J. D., & Smith, H. A.: IT Strategy: Issues and Practices - Schwalbe, K.: Information Technology Project Management