

Study-Focus At Study-Focus Name

- A Intelligent Systems
- B IT-Security
- C Application Management and SW Development
- D Business IT-Management

ohne Gewähr!

Module abbreviation	module	Winter / Sommer (S=only in summer semester, W=only in Winter semester, SW= in summer and winter semester)	V (lecture)	Ü (exercise)	L (laboratory)	SWS	LP nach ECTS	A	B	C	D	Schwerpunkte	Bemerkung
Mandatory modules						mandatory for study focus:							
PM100	Academic Studies	SW				4	5	x	x	x	x	A, B, C, D	
PM101	Advanced IT Project Management	s				4	5	x	x	x	x	A, B, C, D	
PM102	Advanced Software Programming	w				4	5	x	x	x	x	A, B, C, D	
PM103	Advanced Modelling	s				4	5	x	x	x	x	A, B, C, D	
modules required for specific study focuses (8 modules of this catalogue need to be passed)								allowed for study focus:					
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MI101/M101	Advanced Application Systems Development	s	2		2	4	5	x	x	x	x	A, B, C, D	
MI102/M102	Network Systems and Security	s	2		2	4	5		x	x		B, C	
MI108/M214	Advanced C++	s	3		1	4	5	x	x	x		A, B, C	
MI109	Pattern Recognition	w	2		2	4	5	x		x		A, C	At CAU Kiel

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MI110	IT-Security	s	2		2	4	5		x			B	
MI110	IT Security	w	2		2	4	5		x			B	
MI111	Automatic Speech Processing	w	2		2	4	5	x		x		A, C	
MI113/M304	Automatic Image Analysis	s	2		2	4	5	x		x		A, C	
MI115	Advanced Data Quality Management	s	2		2	4	5	x	x		x	A, B, D	
MI116/M308	Neural Networks	s	2		2	4	5	x		x		A, C	
MI117/M309	Machine Learning	s	2		2	4	5	x		x		A, C	At CAU Kiel
MI118/M310	Enterprise Architecture	s	2		2	4	5	x	x	x	x	A, B, C, D	
MI123	Advanced Java	s	2		2	4	5	x		x		A, C	
MI123	Advanced Java	w			2	4	5	x		x		A, C	
MI124	Cloud Computing and Security	s	2		2	4	5		x			B	
MI124	Cloud Computing	w	3		1	4	5		x			B	
MI125	Cognitive Consulting	s	2		2	4	5	x		x	x	A, C, D	
MI125	Cognitive Consulting	w	2		2	4	5	x		x	x	A, C, D	
MI126	DevOps - Agile in Progress -	s	3		1	4	5				x	D	
MI126	DevOps	w	3		1	4	5				x	D	
MI127	Cloud Services	s	2		2	4	5	x		x		A, C	
MI128	Agile Software Development	w	2		2	4	5	x	x	x	x	A, B, C, D	
MI129	Free Open Source Software Projects	w	2		2	4	5			x	x	C, D	
MK105	Advanced Cryptography	s	2		2	4	5	x	x	x		A, B, C	
MK113	Channel Coding	w	2	1	1	4	5	x				A	
MK114	FPGA Prototyping by VHDL examples	s	2		2	4	5	x		x		A, C	
MK117	Mod. Mob. Commun. Syst.	w	2		2	4	5	x				A	
MK118	Cognitive and Software Def. Radio	w	2	1	1	4	5	x				A	
MK119	Underwater Techniques	s	2	1	1	4	5	x				A	At CAU Kiel
WI101	Business Analytics	s	2		2	4	5		x	x	x	B, C, D	
WI105	Entrepreneur- & Intrapreneurship	s	2		2	4	5	x	x	x	x	A, B, C, D	

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WI105	Entrepreneurship	w	2		2	4	5	x	x	x	x	A, B, C, D	
M200	Master Research Assistantship	sw				4	5	x	x	x	x	A, B, C, D	availability upon request, depending on lecturers
WIP01	Business/Think Tank-Project 01	sw				4	5	x	x	x	x	A, B, C, D	availability upon request, depending on lecturers
WIP02	Business/Think Tank-Project 02	sw				8	10	x	x	x	x	A, B, C, D	availability upon request, depending on lecturers
WIP03	Business/Think Tank-Project 03	sw				12	15	x	x	x	x	A, B, C, D	availability upon request, depending on lecturers
MIP01	Research & Development Project 01	sw				4	5	x	x	x	x	A, B, C, D	availability upon request, depending on lecturers
MIP02	Research & Development Project 02	sw				8	10	x	x	x	x	A, B, C, D	availability upon request, depending on lecturers
MIP03	Research & Development Project 03	sw				12	15	x	x	x	x	A, B, C, D	availability upon request, depending on lecturers
Interdisciplinary modules													
	all other Master Modules within the department of Computer science and electrical engineering and within the entire Kiel University of Applied Sciences	sw						x	x	x	x	A, B, C, D	