

Module appears in

Bachelor' degree (1 major) Business Information Systems (2024)

Module description

Module title					Abbreviation
Data Science					10-l-DM-242-m01
Modul	e coord	inator		Module offered by	
holder of the Chair of Computer Science			e VI	Institute of Computer Science	
ECTS	CCTS Method of grading		Only after succ. compl. of module(s)		
5	nume	rical grade			
Duration		Module level	Other prerequisites		
1 semester undergraduate		undergraduate			
Conter	nts				
model, metho SVM),	relatio ds (clus learnin	nship to data warehouse ster and association metl g methods for special da	e and OLAP, data prep nods), supervised lea	processing, data visu rning (e. g. Bayes cl	iscovery in databases, process ualisation, unsupervised learning assification, KNN, decision trees,
Intend	ed lear	ning outcomes			
the kno	owledg lementa	e acquired in this course ation of data mining algo	and by using the KDI rithms.) process. They have	covery problems with the help of e acquired experience in the use
Courses (type, number of weekly contact hours, language — if other than German) $V(2) + \ddot{U}(2)$					
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether					
		ole for bonus)	ige — ir otner than German,	examination offered — if no	ot every semester, information on whether
If anno	ounced nation of 5 minutes age of a	of one candidate each (ap tes per candidate). ssessment: German and	ginning of the course, oprox. 20 minutes) or		ation may be replaced by an oral n in groups of 2 candidates (ap-
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Langua credita Allocat Additio Worklo 150 h Teachi	tion of ponal info	ormation	s for teaching-degree progra	ımmes)	

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