

Module title		Abbreviation
Business Intelligence		12-BIF-242-m01
Module coordinator		Module offered by
Holder of the Chair of Information Systems Engineering		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	undergraduate	--
Contents		
Technologies and methods of "Business Intelligence" are aimed at supporting managerial decision-making processes by analyzing and presenting large amounts of data. The module provides an overview of the corresponding analytical information systems, their technical architecture and areas of application. In the practical exercises, the concepts taught are practically demonstrated and applied by the example of a state-of-the-art BI software suite.		
Intended learning outcomes		
<ul style="list-style-type: none"> - Understand the technological foundations of data warehouses and BI tools. - Analyse and design conceptual models for analytical information systems. - Apply real-world BI software products to analyse large structured data sets 		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2) Module taught in: German and/or English		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 60 minutes) or b) term paper (approx. 20 pages) or c) term paper (10 to 20 pages) and presentation (approx. 15 minutes), (weighted 2:1) or d) portfolio (approx. 20 hours) Language of assessment: German and/or English creditable for bonus		
Allocation of places		
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Additional information		
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Workload		
150 h		
Teaching cycle		
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Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
Bachelor' degree (1 major) Business Information Systems (2024) Bachelor' degree (1 major) Economathematics (2024) Bachelor' degree (1 major) Business Management and Economics (2024) Bachelor's degree (1 major, 1 minor) Business Management and Economics (Minor, 2024)		

