

Module title		Abbreviation
Forward and Reverse Business Engineering		12-FRBE-F-072-m01
Module coordinator		Module offered by
Business Integration Prof. Thome		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		
<p>"Business Engineering" refers to the method and model-based design theory for companies in the information age. "Forward" refers to design methods (such as situation analysis, requirements analysis and business process modelling) that help implement a new solution. "Reverse" refers to approaches (such as the use and process analysis) that make it possible to improve or re-design existing structures and processes. Market requirements and technological innovation potential are typical reasons for the continuous transformation of a company. The resulting change needs to be implemented into the organisational structure, business processes and information systems.</p> <p>The course traces the implementation cycle of enterprise software from the point of view of a member of a project team. In addition to acquainting students with the theoretical basis of adaptation, the course will also discuss examples from practical projects.</p>		
Intended learning outcomes		
<p>The students know in detail the process of adaptation of business software libraries. They master the methods of Forward Engineering (such as situation analysis, requirement analysis, process modeling and business blueprint) and Reverse Engineering (Reverse Business Engineering) and their implementation in tools.</p>		
Courses (type, number of weekly contact hours, language — if other than German)		
V + Ü (no information on SWS (weekly contact hours) and course language available)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
written examination (approx. 60 minutes)		
Allocation of places		
<p>Number of places: 50. Bachelor's students of Wirtschaftsinformatik (Business Information Systems) (180 ECTS credits) will be given preferential consideration when it comes to admission to courses and assessment in the module component. Uniform regulations governing the restriction of the number of places are laid down in the FSB (subject-specific provisions) regarding Section 7 Subsection 4.</p>		
Additional information		
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Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
<p>Bachelor' degree (1 major) Computer Science (2007) Bachelor' degree (1 major) Business Management and Economics (2007) Bachelor' degree (1 major) Business Information Systems (2007)</p>		