

2019.HS

Module Name: IT Project Management	
Module Code	w.BA.XX.2ITPM-WIN.XX
Module Description	The students gain an overview of common IT project management standards and procedural software development models. They acquire in-depth knowledge of the project management standards of the Project Management Institute (PMI) and are able to apply this correctly and effectively in completing a project of their own.
Program and Specialization	Business Information Technology
Legal Framework	Academic Regulations BSc dated 29.01.2009, Appendix to the Academic Regulations for the degree programs in Business Administration, Business Information Technology, and Business Law, first adopted on 12.05.2009
Module Category	Module Type: Compulsory
	Program Phase: Main Study Period
ECTS	6
Organizational Unit	W Institut für Wirtschaftsinformatik Ltg
Module Coordinator	Andri Färber (faer)
Deputy Module Coordinator	Eva Frei (gmue)
Prerequisite Knowledge	-
Contribution to Program Learning Goals (Affected by Module)	<ul style="list-style-type: none"> § Professional Competence § Methodological Competence § Social Competence § Self-Competence
Contribution to Program Learning Objectives	<ul style="list-style-type: none"> Professional Competence <ul style="list-style-type: none"> § Knowing and Understanding Content of Theoretical and Practical Relevance § Apply, Analyze, and Synthesize Content of Theoretical and Practical Relevance § Evaluate Content of Theoretical and Practical Relevance Methodological Competence <ul style="list-style-type: none"> § Problem-Solving & Critical Thinking § Scientific Methodology § Work Methods, Techniques, and Procedures § Information Literacy § Creativity & Innovation Social Competence <ul style="list-style-type: none"> § Written Communication § Oral Communication § Teamwork & Conflict Management § Intercultural Insight & Ability to Change Perspective Self-Competence <ul style="list-style-type: none"> § Self-Management & Self-Reflection § Ethical & Social Responsibility § Learning & Change
Module Learning Objectives	<p>Students...</p> <ul style="list-style-type: none"> § understand various project management standards and their most significant differences. They know the international project management standard of the Project Management Institute (PMI) and understand how it is organized and structured in detail. § understand various procedural software development models and their differences. They are familiar with the structure and organization of the agile software development model Scrum. § are able to apply the various processes of project management correctly and effectively according to PMI when carrying out a project of their own. § are able to create written project charters that are tailored to the needs of recipients. § are able to communicate competently in the German language. They are equally capable of communicating content in an appropriate manner to both specialists and lay people.
Module Content	<ul style="list-style-type: none"> § Overview of various IT project management standards § The project management standard of the Project Management Institute (PMI) § Application of the PMI standard in completing individual projects § Overview of various procedural software development models § Scrum as an example of an agile software development model
Links to other modules	<p>The content of this module is linked to the following modules:</p> <ul style="list-style-type: none"> w.BA.XX.2InfoM-WIN.XX w.BA.XX.2WEng-WIN.XX

Methods of Instruction	§ Lecture § Interactive Instruction § Application Tasks § Case Studies § Exercises § Project Work § Literature Review § Discussion § Group project	Social Settings Used: Group Work		
Digital Resources	§ Reader § Practice and Application Exercises (with Key) § Course notes			
Type of Instruction	Classroom Instruction	Guided Self-Study	Autonomous Self-Study	
Large Class	28 h	-		
Small Class	28 h	-		
Group Instruction	-	72 h		
Practical Work	-	-		
Seminar	-	-		
Total	56 h	72 h		
Performance Assessment				
End-of-module exam	Form	Length (min.)	Weighting	
Written exam	Closed book	60	70,00 %	
Permitted Resources	Approved calculator according to "Guidelines on Supplementary Materials"	With dictionary		
Others				
	Assessment	Length (min.)	Weighting	
Project idea	Grade	-	10,00 %	
Project charter	Grade	-	20,00 %	
Classroom Attendance Requirement	Dates on which attendance is compulsory will be communicated separately			
Language of Instruction/Examination	German			
Compulsory Reading	§ Greene, J. & Stellman, A. (2018). Head First PMP®. 4th edition. Sebastopol, CA 95472: O'Reilly Media. ISBN 978-1492029649. § Project Management Institute (Organisation) (2017). A guide to the project management body of knowledge (PMBOK® guide). 6th edition. Newtown Square, Pennsylvania, USA: Project Management Institute. ISBN 978-1628251845. § Stellmann, A. & Greene, J. (2017). Head First Agile. 1st edition. Sebastopol, CA 95472: O'Reilly. ISBN 978-1-449-31433-0. § Project Management Institute (Organisation) (2017). Agile Practice Guide. 1st edition. Newtown Square, Pennsylvania, USA: Project Management Institute. ISBN 978-1-62825-199-9.			
Recommended Reading	§ Project Management Institute (PMI) (2013). Software Extension to the PMBOK® Guide. 5th edition. ISBN 978-1628250138. § DeMarco, T. (1998). Der Termin. München: Hanser. ISBN 978-3-446-41439-6. § Gessler, M. & GPM Deutsche Gesellschaft für Projektmanagement (2011). Kompetenzbasiertes Projektmanagement (PM3). 4th edition. Nürnberg: GPM, Deutsche Gesellschaft für Projektmanagement. ISBN 978-3924841-40-9.			
Comments	-			