

## Syllabus

<b>Name:</b>		
<b>Business Process Management</b>		
<b>Responsible:</b>		
Professor Christian Janiesch, Assistant Professor for Information Management		
<b>Programme:</b>	<b>Term:</b>	<b>ECTS:</b>
Bachelor	Winter	6 CP
<b>Contents &amp; Objectives:</b>		
<p>The course offers an introduction into Business Process Management (BPM). Students will learn how to integrate BPM into today’s enterprises, as well as to design, analyze and optimize Business Processes.</p> <p>After successfully completing the course, students should be able to</p> <ul style="list-style-type: none"> <li>• Understand the organizational conditions for BPM</li> <li>• Analyze and design business processes</li> <li>• Model business processes with BPMN</li> <li>• Automate business processes and work with a Workflow Management System</li> <li>• Know about BPM-specific project management and governance</li> </ul> <p>The course builds on top of “Fundamentals of Business Process Management” by Dumas et al. [1]</p>		
<b>Prerequisites:</b>		
The course is designed for Bachelor students with an interest in BPM and business/process analytics.		
<b>Course Structure:</b>		
<b>Week</b>	<b>Content</b>	
1	Introduction to BPM	
2	Theory of Process Orientation	
3-4	Process Modeling	
5	Process Technology / Workflow Architecture	
6-7	Process Automation	
8	Process Discovery	
9-10	Process Analysis (Qualitative & Quantitative)	
11	Process Mining	
12	Event-driven BPM	
13	Project Management & Governance	

<b>Literature:</b>
[1] Dumas, M., La Rosa, M., Mendling, J. and Reijers, H.A. <i>Fundamentals of Business Process Management</i> . Heidelberg: Springer, 2013.
<b>Exam:</b>
60-minute final written exam
<b>Contact:</b>
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