

Project Management					
Kennnummer	Workload	Credits/LP	Studien-semester	Häufigkeit des Angebots	Dauer
	90 hours	3	3	every semester	1 semester
1	Lehrveranstaltungen Project Management	Sprache English	Kontaktzeit 22.5	Selbststudium 67.5	Geplante Gruppengröße 50
<p><i>Hinweis: Der Kurs wird in englischer Sprache gehalten. Das Kursmaterial ist auch in Deutsch verfügbar. Falls sich genügend viele Studierende finden, die in deutscher Sprache arbeiten wollen, ist auch die Gruppenarbeit in Deutsch möglich.</i></p>					
2	<p>Learning Outcomes</p> <p>After successful participation in the module, students have the following competencies:</p> <p>Knowledge (1)</p> <ul style="list-style-type: none"> to show the importance of project work for a company and the interaction between projects and the company give an overview of the processes and knowledge areas of project management explain the project initiation process group know important techniques of project planning provide an overview of procedures for monitoring project progress know the psychological and economic foundations of leading project teams <p>Understanding (2)</p> <ul style="list-style-type: none"> explain the qualifications of a project manager and be able to understand the changes in this profession that are emerging as a result of digitisation elaborate on the soft skills required for the management of projects describe the cooperation with project stakeholders Present the basic principles of the agile project management method Scrum and map them into the knowledge canon of project management explain the significance of risk management in projects and explain risk management techniques <p>Application (3)</p> <ul style="list-style-type: none"> Initiate, plan and monitor the progress of a small (student) project using agile project management methods (Kanban boards, self-organized teams, ...) 				
3	<p>Syllabus</p> <p>The course is based on the body of knowledge developed by the Project Management Institute (PMI). Basics from all three fields of the PMI Talent Triangle (technical project management, leadership, business management and strategy) are covered, with a technical project management emphasis.</p> <p>The following topics are covered:</p> <ul style="list-style-type: none"> Project Management and skills of a project manager Project life cycle (project management process groups, phases, agile and plan-driven project life cycles, Scrum as an example of an agile project management approach) Interaction between a project and the enterprise Working with stakeholders Project initiation (project goals, project charter, team building) 				

	<ul style="list-style-type: none"> • Project closure • Decision making in projects (models for decision making – rational agent, bounded rationality, behavioural economics, heuristics and biases, decisions under uncertainty, group decisions) • Cost/benefit analysis and scope planning • Estimation procedures, scheduling, cost planning and budgets • Metrics and KPIs for project management • Performance monitoring with completion percentages and the earned value method • Status reports • Change and issue management • Project quality management • Risk management in projects • Security and project work • Organizing a project team and strategies to improve productivity of the project staff • Self-organized teams • Basics of leadership and motivation • Virtual teams and intercultural cooperation • Effects of diversity on project work (in particular gender) <p>The methods taught in the course are applicable to all types of projects. They are often explained using software engineering projects as an example.</p>
4	<p>Teaching methods</p> <ul style="list-style-type: none"> • Lectures • Assignment (running a small project)
5	<p>Prerequisites</p> <ul style="list-style-type: none"> • Basics of statistics and accounting • Software engineering (highly recommended)
6	<p>Prüfungsformen</p> <ul style="list-style-type: none"> • Prüfungsleistung 1K (50 %) (Klausur) • Prüfungsleistung 1sbA (50 %) (Übungsprojekt) <p>3 LP insgesamt für alle Teilprüfungsleistungen dieser Lehrveranstaltung</p>
7	<p>Verwendung des Moduls</p> <p>WirtschaftsNetze (eBusiness) B.Sc. (WNB)</p>
8	<p>Modulbeauftragte/r und hauptamtlich Lehrende</p> <p>Prof. Dr. Marianne Andres (Modulverantwortliche)</p>
9	<p>Literature</p> <p>Project Management Institute, A Guide to the Project Management Body of Knowledge (Pmbok Guide), 6th edition, 2017.</p> <p>Kerzner, Project management, 12 ed., Wiley 2017</p> <p>Mike Cohn, Succeeding with Agile. Addison-Wesley 2010.</p>

Louise Worsley, Stakeholder-Led Project Management, Business Expert Press, New York 2017.

Peter F. Drucker, Management Challenges for the 21st Century, Butterworth-Heinemann, Burlington 2007.

Erin Meyer, The Culture Map. Decoding how people think, lead, and get things done across cultures. Public Affairs, New York 2015.

Daniel Kahneman, Thinking, Fast and Slow,, Farrar, Straus and Giroux, New York 2011.

Further literature (including Internet sources and multimedia content) will be given by the lecturer.