

Modul-Nr./ Module Code	INNOM1000	
Modulbezeichnung / Name of Module	Innovation Management: Advanced Topics & Framework	
Semester	1 st	
Dauer des Moduls / Length of Module	1 semester	
Art des Moduls (Pflicht, Wahl, etc.) / Module type (Compulsory, Elective etc.)	Compulsory subject	
Ggfs. Lehrveranstaltungen des Moduls / if applicable: Sub-module	INNOM1010 Advanced Topics of Innovation Management	
	INNOM1020 Innovation Frameworks & Facilitation Methods	
Häufigkeit des Angebots des Moduls / The module is provided	Annually (winter semester)	
Zugangsvoraussetzungen / Prerequisites for attending	None; A basic knowledge of Innovation Management is recommended	
Verwendbarkeit des Moduls für andere Module und Studiengänge / Applicability of the module for other modules and degree courses	Implementing Innovation Management requires a general understanding of the approaches to product, process and service innovations.	
	From an organisational perspective, Innovation Management follows specific frameworks. To practically apply such frameworks to innovation projects, facilitation techniques are required.	
Modulverantwortliche/r / Lecturer in charge	Prof. Dr. Björn P. Jacobsen	
Name der/des Hochschullehrer/s / Name of the lecturer	Prof. Dr. Björn P. Jacobsen	
Lehrsprache / Language of Instruction	English	
Zahl der zugeteilten ECTS-Punkte / Number of ECTS credits	6	
Gesamtworkload und ihre Zusammensetzung / Workload and its composition	180 hours (116 h self-study; 64 h contact time)	
SWS / Contact hours per week	2 (Lecture)	4
	2 (Seminar)	
Art der Prüfung (Voraussetzung für die Vergabe von Leistungspunkten) / Type of assessment (Requirements for awarding credit points)	Written Examination 1 hour with an application practice (30 hours)	
Gewichtung der Note in der Gesamtnote / Percentage of overall mark	11,11 %	
Qualifikationsziele des Moduls / Learning outcomes of the Module	<u>Knowledge & Understanding</u> Students understand the basics of innovation management. They learn how to organise innovation internally as well as including external expertise in the innovation process. They know how to take a systematic approach to innovation, from generating ideas to prototyping.	
	<u>Applying knowledge and Understanding</u>	

	<p>Students will be required to identify, analyse and create process, product and service innovations.</p> <p><u>Making judgements</u> Students learn to assess and optimise the approach to innovation and the potential contribution of innovation to the organisation's sustainability.</p> <p><u>Communication</u> The results of the innovation process are documented and presented.</p> <p><u>Learning skills</u> This Module prepares students for organising innovation processes in their organisation from the strategic setup to the operational implementation using proven innovation frameworks and tools.</p>
Inhalte des Moduls / Syllabus	<p>INNOM1010</p> <p>Introduction to innovation: Definition and characteristics of innovation, Triggers of innovation, Types of innovation Selected aspects of innovation organisation: Innovation by cooperation (Open Innovation), Corporate Innovation Centers</p> <p>INNOM1020</p> <p>Background to Design Thinking (Rationale, What is Design Thinking?, History, Design Thinking in practice) Design Thinking Space Design Thinking process (Basics, Phase I - VI) Design Thinking tools (Phase I - VI) Design Thinking offline / online Application of Design Thinking</p>
Lehr- und Lernmethoden des Moduls / Teaching methods of the module	<p>Asynchronous in the Learning Management System: Learning Elements, self-tests, forum with e-tivities</p> <p>Synchronous via Videoconference: Discussion of e-tivities and case studies</p> <p>Onsite workshop in an innovation lab.</p>
Besonderes (z.B. Online-Anteil, Praxisbesuche, Gastvorträge, etc.) / Special Features	<p>INNOM1020</p> <p>Onsite workshop in an innovation lab</p>

<p>Literatur / Literature (Pflichtlektüre/zusätzlich empfohlene Literatur)</p>	<p>INNOM1010</p> <p>Chesbrough, H. (2003) <i>Open Innovation</i>, Harvard Business Press, Boston, MA.</p> <p>Additional literature and material might be announced during the lecture. All titles in the current edition.</p>
	<p>INNOM1020</p> <p>Brown, T. (2008) <i>Design Thinking</i>, HBR, 86, no. 6</p> <p>Jacobsen, B.P. (2021) <i>Introduction to Design Thinking</i>, NMC Education</p> <p>Additional literature and material might be announced during the lecture. All titles in the current edition.</p>