

1	Module name MIM-53511	Fortgeschrittene Methoden der Managementforschung I (Advanced methods of management research I)	5 ECTS
2	Courses/lectures	S: International technology management research (2 SWS)	5 ECTS
3	Lecturers	Prof. Dr. Peter M. Bican und Mitarbeitende	

4	Module coordinator	Prof. Dr. Bican
5	Contents	<p>Technology management is an emerging and vibrant research field with a highly interdisciplinary nature. Within this course, current trends will be presented and discussed in an international context. Key concepts will be discussed and applied through course assignments. The goal is to deepen the understanding of state-of-the-art technology management approaches for successful development and commercialization of new products. Groups will work interdisciplinary.</p> <p>This course includes – where applicable – also guest presentations from visiting lecturers/industry representatives.</p>
6	Learning objectives and skills	<p>Students will</p> <ul style="list-style-type: none"> – attain a familiarity with the scientific literature and the ability to view technology management in the context of other concepts and theories, – apply key concepts of technology management, – learn how to conduct a comprehensive scientific literature research and analysis and how to apply the research results in the scope of their assignment – learn to make technology management decisions as a part of an interdisciplinary team (via assignments).
7	Recommended Prerequisites	<p>Successfully finished course in Innovation Management obligatory (at least bachelor level).</p> <p>The course is limited to 25 students. To ensure interdisciplinary teams, there might be restrictions for students of specific fields of studies.</p> <p>Registration for the seminar is only possible at the information meeting. Location and date for the meeting will be announced via UnivIS and the website of the Chair, as well as further details for the application process.</p> <p>(Für Studierende mit Studienbeginn vor WS 18/19 ist eine Anrechnung für den Pflichtbereich II ausgeschlossen, falls das Modul bereits im Vertiefungsbereich angerechnet wurde.)</p>
8	Integration in curriculum	2nd Semester or later
9	Module compatibility	<p>Master Management: Pflichtbereich II</p> <p>Master Wirtschaftsingenieurwesen: Elective course (Studienrichtung Management) (MIM-57120)</p> <p>Master IBS: Elective course (MIM-57120)</p> <p>Master International Production Engineering and Management: Elective course (MIM-57120)</p>

10	Method of examination	Written assignment
11	Grading procedure	Written assignment (100%)
12	Module frequency	Each semester
13	Workload	Attendance: 30 h Self-study: 120 h
14	Module duration	1 semester
15	Teaching and examination language	English
16	Recommended reading	Will be announced