

Module title: Intercultural Project Management

Module ID	Workload	Credits	Semester	Frequency of Offering	Duration
MIE1	150 h	5	1	yearly	1 semester

Workload	Attendance	Preparation and Follow-Up	Private Study	Preparation for Exam and Exam	Total
S	30 h / 2 SWS	15 h	30 h	15 h	
Ü	30 h / 2 SWS	30 h			
Total	60 h / 4 SWS	45 h	30 h	15 h	150 h

1 **Scheduled Group Size:** S: 15 students; Ü: 20 students

2 **Subject Knowledge / Skills**

Students are aware of the peculiar socio-emotional challenges which are associated with intercultural project management (ipm). They know the relevant theoretical concepts of ipm. They are able to use the advantages of ipm as well as to deal with the associated problems.

3 **Content / Syllabus**

Cultural impact of

- *team development*
- *team dynamics*
- *leadership*
- *knowledge management*
- *team performance*
- *virtual teams*
- *team roles*

and its specific application in software development

4 **Teaching Format**

Lecture with integrated exercises and practical work.

5 **Prerequisites**

None

6 **Recommended Qualifications for the Participation**

Knowledge in project management

7 **Assessment**

Written exam

8 **Prerequisites for Granting ECTS Credits**

Exam passed

9	Usage of this Module in Other Degree Courses <i>None</i>
10	Contribution to Final Score 5,56%
11	Convenor Professor of Theory and Practice of Social Communication
12	Language of Instruction <i>English</i>
13	Reading List <i>Binder, Jean Carlo. Intercultural project management. Gower, 2007.</i> <i>Oertig, M. & T. Buergi. The challenges of managing cross-cultural virtual project teams. In: Team Performance Management 12, 2006. pp. 23-20.</i>

Module title: Software Development Project					
Module ID	Workload	Credits	Semester	Frequency of Offering	Duration
MIE2	150 h	5	1	yearly	1 semester
Workload	Attendance	Preparation and Follow-Up	Private Study	Preparation for Exam and Exam	Total
P	60 h / 4 SWS	45 h	35 h	10 h	150 h
1	Scheduled Group Size: P: 15 students				
2	Subject Knowledge / Skills <i>Students are able to solve a complex software development task in a team using instruments of modern project management. They show that they can apply their existing knowledge and self-reliantly gain deeper knowledge. Moreover they are able to reflect the methodological approach and the process they have choosen. By working in teams they improve their communication skills and strategic decision-making and responsibility.</i>				
3	Content / Syllabus <i>The actual task of the project is choosen taking the content of the other modules (of the Master program) into account, such that the students can deepen their understanding and see the individual contents in a bigger context.</i> <i>Students organize in project teams of 7-10 persons. The teams decide about their internal organisation and process. They reflect the maturity of their process with respect to the Capibilty Maturity Model (CMM).</i>				
4	Teaching Format <i>Guided practical work</i>				
5	Prerequisites <i>None</i>				
6	Recommended Qualifications for the Participation <i>Knowledge in project management and software engineering</i>				
7	Assessment <i>Written assignments which are presented orally</i>				
8	Prerequisites for Granting ECTS Credits <i>Exam passed</i>				
9	Usage of this Module in Other Degree Courses <i>None</i>				

10	Contribution to Final Score 5,56 %
11	Convenor Professor of Automata Theory and Formal Languages
12	Language of Instruction <i>English</i>
13	Reading List <i>To be announced in class (depending on the actual task in the project)</i>

Module title: Special Topic of Global Software Development

Module ID	Workload	Credits	Semester	Frequency of Offering	Duration
MIE3	150 h	5	1	yearly	1 semester

Workload	Attendance	Preparation and Follow-Up	Private Study	Preparation for Exam and Exam	Total
S	60 h / 4 SWS	45 h	35 h	10 h	150 h

1	Scheduled Group Size: S: 15 students
2	Subject Knowledge / Skills <i>Students have a deep understanding of an actual topic in their field of study and can apply their knowledge in practice.</i>
3	Content / Syllabus Depends on the concrete topic and will be announced before the start of the semester.
4	Teaching Format <i>Seminar</i>
5	Prerequisites <i>None</i>
6	Recommended Qualifications for the Participation <i>Depends on the concrete topic and will be announced before the start of the semester.</i>
7	Assessment <i>Written or oral exam or written assignments which are presented orally. Will be announced before the start of the semester.</i>
8	Prerequisites for Granting ECTS Credits <i>Exam passed</i>
9	Usage of this Module in Other Degree Courses <i>None</i>
10	Contribution to Final Score 5,56 %
11	Convenor Professors of the Department of Applied Computer Science.
12	Language of Instruction <i>English</i>

13	Reading List
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	<i>To be announced in class (depending on the actual topic)</i>
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