COURSE OF STUDY

Competence areas:

Area	Sub-competencies
1. Professional competence	1.1 Professional competencies
2. Methodological competence	2.1 Research Enabling competencies; 2.2 Design/development competencies; 2.3 Competencies of the scientific approach; 2.4 Security competencies; 2.5 System understanding competencies; 2.6 Human-machine interaction competencies
3. Self competence	3.1 Intellectual competencies; 3.2 Self-management and self-organization competencies
4. Social competence	4.1 Cooperation and communication competencies; 4.2 Corporate and leadership competencies; 4.3 Competencies relevant to society
5. Language- and intercultural competence	5.1 Language competencies; 5.2 Intercultural competencies

Course of study	Taxonomy (1.1)	Competence	Taxonomy	Competence	Taxonomy	Competence	Taxonomy	Competence	Taxonomy
Applied Economics and Research on the German Market	Application	2.3	Knowledge	3.2	Application	4.3	Understanding	5.2	Application
	Evaluation	2.1	Application	3.1	Synthesis	4.1	Application	5.1	Application
Communication and Negotiation Skills		2.3	Application	3.2	Application	4.3	Application	5.2	Application
Leadership and Change Management	Synthesis	2.5	Synthesis	3.1	Application	4.2	Application	5.1	Understanding
Strategic and Financial Framewor	Analysis	2.2	Synthesis	3.1	Analysis	4.1	Evaluation	5.1	Analysis
		2.5	Synthesis	3.2	Evaluation	4.2	Evaluation	5.2	Application
						4.3	Synthesis		
	Synthesis	2.2	Application	3.1	Evaluation	4.1	Evaluation	5.1	Evaluation
		2.3	Evaluation	3.2	Evaluation	4.2	Analysis	5.2	Evaluation
		2.5	Evaluation			4.3	Analysis		
Internship		2.6	Application						
	Evaluation	2.1	Evaluation	3.1	Analysis	4.1	Evaluation	5.1	Evaluation
		2.2	Application	3.2	Evaluation	4.2	Analysis	5.2	Evaluation
		2.3	Evaluation			4.3	Analysis		
Master Thesis		2.5	Analysis						
Process and Information Management	Application	2.5	Knowledge	3.1	Understanding	4.2	Understanding	5.1	Application
Corporate Strategy and Controlling	Application	2.1	Analysis	3.2	Understanding	4.3	Understanding	5.2	Understanding
Project Management	Analysis	2.6	Application	3.2	Application	4.1	Analysis	5.2	Application
Procurement Management and Risk Management	Application	2.3	Synthesis	3.1	Understanding	4.2	Synthesis	5.1	Application
Industrial Marketing and Sales Strategie	Application	2.1	Application	3.1	Application	4.3	Understanding	5.2	Understanding
		2.2	Application						
		2.3	Application						
		2.4	Knowledge						
		2.5	Analysis						
Quality Management	Analysis	2.6	Understanding	3.1	Analysis	4.2	Application	5.1	Application
Production Execution and Logistics	Application	2.2	Understanding	3.1	Analysis	4.2	Understanding	5.1	Application
Supply Chain Management	Synthesis	2.5	Knowledge	3.2	Application	4.3	Understanding	5.2	Understanding
Production Process Excellence	Synthesis	2.5	Synthesis	3.2	Application	4.1	Application	5.1	Application
Introduction into Business Management Systems with SAP	Application	2.1	Application	3.1	Synthesis	4.1	Analysis	5.1	Synthesis
		2.2	Understanding	3.2	Application	4.2	Understanding	5.2	Application
		2.3	Analysis			4.3	Understanding		
		2.4	Understanding						
		2.5	Knowledge						
		2.6	Application						
Clean Production Technologies	Analysis	2.5	Analysis	3.1	Analysis	4.2	Understanding		
Sustainability in Product Development, Recycling and Disposal	Synthesis	2.2	Analysis	3.1	Analysis	4.3	Understanding	5.1	Understanding
	Application	2.5	Application	3.2	Application	4.1	Application	5.1	Application
Innovation Management						4.2	Application		
Applied Data Analytics, Artificial Intelligence and Internet of Things	Knowledge	2.1	Understanding	3.1	Application	4.1	Synthesis	5.1	Application
		2.2	Understanding	3.2	Analysis	4.2	Understanding	5.2	Synthesis
		2.3	Knowledge			4.3	Application		
		2.4	Application						
		2.5	Application						
		2.6	Knowledge						
Digital Business Models	Synthesis	2.5	Application	3.2	Application	4.2	Understanding	5.1	Understanding
Cyber Security	Knowledge	2.4	Understanding	3.1	Understanding	4.3	Analysis	5.2	Knowledge
Ideation Techniques and Digital Innovation	Application	2.2	Application	3.2	Application	4.1	Application	5.1	Application
German A2	Application	2.5	Application	3.1	Application	4.3	Application	5.1	Understanding
German B1	Application	2.5	Application	3.1	Application	4.3	Application	5.1	Understanding
German B2.1	Application	2.5	Application	3.1	Application	4.3	Application	5.1	Understanding
German B2.2	Application	2.5	Application	3.1	Application	4.3	Application	5.1	Understanding
German C1.1	Application	2.5	Application	3.1	Application	4.3	Application	5.1	Understanding
	Application	2.5	Application	3.1	Application	4.3	Application	5.1	Understanding
German C1.2								5.2	Application