

## Annex SFB

### Studienfachbeschreibung (subject description, SFB) for the subject Information Systems as a Master's with 1 major with the degree "" (120 ECTS credits)

Responsible: Faculty of Business Management and Economics

Examination regulations version: 2025

Abbreviations used: Course types: **E** = field trip, **K** = colloquium, **O** = conversatorium, **P** = placement/lab course, **R** = project, **S** = seminar, **T** = tutorial, **Ü** = exercise, **V** = lecture

Term: **SS** = summer semester, **WS** = winter semester

Methods of grading: **NUM** = numerical grade, **B/NB** = (not) successfully completed

Regulations: **(L)ASPO** = general academic and examination regulations (for teaching-degree programmes), **FSB** = subject-specific provisions, **SFB** = list of modules

Other: **A** = thesis, **LV** = course(s), **PL** = assessment(s), **TN** = participants, **VL** = prerequisite(s)

Conventions for the modules in this SFB: Unless otherwise stated, courses and assessments will be held in German, assessments will be offered every semester and modules are not creditable for bonus.

Information on assessment procedures: Should there be the option to choose between several methods of assessment, the lecturer will agree with the module coordinator on the method of assessment to be used in the current semester by two weeks after the start of the course at the latest and will communicate this in the customary manner.

Should a module comprise more than one graded assessment, all assessments will be equally weighted, unless otherwise stated below.

Should the assessment comprise several individual assessments, successful completion of the module will require successful completion of all individual assessments.

In accordance with the general regulations governing the degree subject described in this module catalogue:

**ASPO2015**

associated official publications (FSB (subject-specific provisions)/SFB (list of modules)):

**??-??-2024 (2024-??)**

This module handbook seeks to render, as accurately as possible, the data that is of statutory relevance according to the examination regulations of the degree subject. However, only the FSB (subject-specific provisions) and SFB (list of modules) in their officially published versions shall be legally binding. In the case of doubt, the provisions on, in particular, module assessments specified in the FSB/SFB shall prevail.

Every module will be described using the following form:

Abbreviation	<b>Module title</b>						
	ECTS		Duration	(in semesters)	Method of grading		Module level
	Courses		To be specified in the form X (y) with course type X abbreviated as specified above and number of weekly contact hours y				
	Method of assessment						
	Only after successful completion of		if applicable				
	Other prerequisites		if applicable				
	Participants and allocation of places		if applicable				
	Additional information		if applicable				
	Referred to in LPO I		if applicable (examination regulations for teaching-degree programmes)				

Compulsory Courses (20 ECTS credits)							
12-M-IS-242-m01	<b>Information Systems</b>						
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level   graduate
	Courses	S (2) Module taught in: German and/or English					
	Method of assessment	a) written examination (approx. 60 minutes) or b) term paper (15 to 20 pages) Language of assessment: German and/or English creditable for bonus					
12-M-PSI-242-m01	<b>Project Seminar</b>						
	ECTS	15	Duration	1 semester	Method of grading	numerical grade	Modul level   graduate
	Courses	S (2) Module taught in: German and/or English					
	Method of assessment	project: preparing a conceptual design (approx. 150 hours), designing and implementing an approach to solution (approx. 300 hours) as well as presentation (approx. 20 minutes), weighted 1:2:1 Language of assessment: German and/or English creditable for bonus					
Compulsory Electives I: Fundamentals Computer Science (20 ECTS credits)							
10-I-IR-242-m01	<b>Information Retrieval</b>						
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level   graduate
	Courses	V (2) + Ü (2) Module taught in: German and/or English					
	Method of assessment	Written examination (approx. 60 to 120 minutes) If announced by the lecturer at the beginning of the course, the written examination may be replaced by an oral examination of one candidate each (approx. 20 minutes) or an oral examination in groups of 2 candidates (approx. 15 minutes per candidate). Language of assessment: German and/or English creditable for bonus					
	Additional Information	Focuses available for students of the Master's programme Informatik (Computer Science, 120 ECTS credits): IT, KI, HCI, GE					

10-l=SSS-232-m01	<b>Security of Software Systems</b>							
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	V (2) + Ü (2) Module taught in: English						
	Method of assessment	written examination (approx. 60 to 120 minutes) If announced by the lecturer at the beginning of the course, the written examination may be replaced by an oral examination of one candidate each (approx. 20 minutes) or an oral examination in groups of 2 candidates (approx. 15 minutes per candidate). Language of assessment: English creditable for bonus						
	Additional Information	Focuses available for students of the Master's programme Informatik (Computer Science, 120 ECTS credits): SE,KI,LR, HCI, ES, SEC,IN						
10-l=SAR-161-m01	<b>Software Architecture</b>							
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	V (2) + Ü (2)						
	Method of assessment	written examination (approx. 60 to 120 minutes). If announced by the lecturer at the beginning of the course, the written examination may be replaced by an oral examination of one candidate each (approx. 20 minutes) or an oral examination in groups of 2 candidates (approx. 15 minutes per candidate). Language of assessment: German and/or English creditable for bonus						
	Additional Information	Focuses available for students of the Master's programme Informatik (Computer Science, 120 ECTS credits): SE,IT,ES						
10-l=KI1-212-m01	<b>Artificial Intelligence 1</b>							
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	V (2) + Ü (2)						
	Method of assessment	written examination (approx. 60 to 120 minutes) If announced by the lecturer at the beginning of the course, the written examination may be replaced by an oral examination of one candidate each (approx. 20 minutes) or an oral examination in groups of 2 candidates (approx. 15 minutes per candidate). Language of assessment: German and/or English creditable for bonus						
	Additional Information	Focuses available for students of the Master's programme Informatik (Computer Science, 120 ECTS credits): AT,SE,KI,HCI						

10-I=ST-232-m01	<b>Discrete Event Simulation</b>							
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	V (2) + Ü (2)						
	Method of assessment	written examination (approx. 60 to 120 minutes) If announced by the lecturer at the beginning of the course, the written examination may be replaced by an oral examination of one candidate each (approx. 20 minutes) or an oral examination in groups of 2 candidates (approx. 15 minutes per candidate). Language of assessment: German and/or English creditable for bonus						
	Additional Information	Focuses available for students of the Master's programme Informatik (Computer Science, 120 ECTS credits): IT,KI,ES,GE,IN						
10-I=APR-252-m01	<b>Advanced Programming</b>							
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	V (2) + Ü (2)						
	Method of assessment	written examination (approx. 60 to 120 minutes) If announced by the lecturer at the beginning of the course, the written examination may be replaced by an oral examination of one candidate each (approx. 20 minutes) or an oral examination in groups of 2 candidates (approx. 15 minutes per candidate). Language of assessment: German and/or English creditable for bonus						
	Additional Information	Focuses available for students of the Master's programme Informatik (Computer Science, 120 ECTS credits): SE, KI, LR, HCI, ES, GE, SEC, IN						
10-I=NLP-212-m01	<b>Machine Learning for Natural Language Processing</b>							
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	V (2) + Ü (2)						
	Method of assessment	written examination (approx. 60 to 120 minutes) If announced by the lecturer at the beginning of the course, the written examination may be replaced by an oral examination of one candidate each (approx. 20 minutes) or an oral examination in groups of 2 candidates (approx. 15 minutes per candidate). Language of assessment: German and/or English creditable for bonus						
	Additional Information	Focuses available for students of the Master's programme Informatik (Computer Science, 120 ECTS credits): AT,KI,HCI						

10-I=KI2-212-m01	<b>Artificial Intelligence 2</b>							
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	V (2) + Ü (2)						
	Method of assessment	written examination (approx. 60 to 120 minutes) If announced by the lecturer at the beginning of the course, the written examination may be replaced by an oral examination of one candidate each (approx. 20 minutes) or an oral examination in groups of 2 candidates (approx. 15 minutes per candidate). Language of assessment: German and/or English creditable for bonus						
	Additional Information	Focuses available for students of the Master's programme Informatik (Computer Science, 120 ECTS credits): AT,SE,KI,HCI,GE						
10-I=PNN-252-m01	<b>Programming with neural nets</b>							
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	V (2) + Ü (2)						
	Method of assessment	written examination (approx. 60 to 120 minutes) If announced by the lecturer at the beginning of the course, the written examination may be replaced by an oral examination of one candidate each (approx. 20 minutes) or an oral examination in groups of 2 candidates (approx. 15 minutes per candidate). Language of assessment: German and/or English creditable for bonus						
	Additional Information	Focuses available for students of the Master's programme Informatik (Computer Science, 120 ECTS credits): SE, IT, KI, HCI, GE, IN						
10-I=SB-252-m01	<b>Systems Benchmarking</b>							
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	V (2) + Ü (2)						
	Method of assessment	written examination (approx. 60 to 120 minutes) If announced by the lecturer at the beginning of the course, the written examination may be replaced by an oral examination of one candidate each (approx. 20 minutes) or an oral examination in groups of 2 candidates (approx. 15 minutes per candidate). Language of assessment: German and/or English creditable for bonus						
	Additional Information	Focuses available for students of the Master's programme Informatik (Computer Science, 120 ECTS credits): SE, IT, ES, HCI, GE, IN						

10-AI=CV1-242-mo1	<b>Computer Vision 1</b>							
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	V (2) + Ü (2) Module taught in: English						
	Method of assessment	Written examination (approx. 60 to 120 minutes) If announced by the lecturer at the beginning of the course, the written examination may be replaced by an oral examination of one candidate each (approx. 20 minutes) or an oral examination in groups of 2 candidates (approx. 15 minutes per candidate). Language of assessment: English creditable for bonus						
10-I=IP-222-mo1	<b>Image Processing and Computational Photography</b>							
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	V (2) + Ü (2) Module taught in: English						
	Method of assessment	written examination (approx. 60 to 120 minutes) If announced by the lecturer at the beginning of the course, the written examination may be replaced by an oral examination of one candidate each (approx. 20 minutes) or an oral examination in groups of 2 candidates (approx. 15 minutes per candidate). Language of assessment: English creditable for bonus						
10-I=M-NLP-232-mo1	<b>Multilingual NLP</b>							
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	V (2) + Ü (2) Module taught in: German and/or English						
	Method of assessment	written examination (approx. 60 to 120 minutes) If announced by the lecturer at the beginning of the course, the written examination may be replaced by an oral examination of one candidate each (approx. 20 minutes) or an oral examination in groups of 2 candidates (approx. 15 minutes per candidate). Language of assessment: German and/or English creditable for bonus						
10-I=SNA-232-mo1	<b>Statistical Network Analysis</b>							
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	V (2) + Ü (2) Module taught in: English						
	Method of assessment	written examination (approx. 60 to 120 minutes). If announced by the lecturer at the beginning of the course, the written examination may be replaced by an oral examination of one candidate each (approx. 20 minutes) or an oral examination in groups of 2 candidates (approx. 15 minutes per candidate). Language of assessment: English creditable for bonus						
	Additional Information	Focuses available for students of the Master's programme Informatik (Computer Science, 120 ECTS credits): IN						

10-I=OR-232-m01	<b>Operations Research</b>							
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	V (2) + Ü (2) Module taught in: German and/or English						
	Method of assessment	written examination (approx. 60 to 120 minutes) If announced by the lecturer at the beginning of the course, the written examination may be replaced by an oral examination of one candidate each (approx. 20 minutes) or an oral examination in groups of 2 candidates (approx. 15 minutes per candidate). Language of assessment: German and/or English creditable for bonus						
	Additional Information	Focuses available for students of the Master's programme Informatik (Computer Science, 120 ECTS credits): IN						
10-I=MLN1-232-m01	<b>Machine Learning for Networks 1</b>							
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	V (2) + Ü (2) Module taught in: English						
	Method of assessment	written examination (approx. 60 to 120 minutes) If announced by the lecturer at the beginning of the course, the written examination may be replaced by an oral examination of one candidate each (approx. 20 minutes) or an oral examination in groups of 2 candidates (approx. 15 minutes per candidate). Language of assessment: English creditable for bonus						
	Additional Information	Focuses available for students of the Master's programme Informatik (Computer Science, 120 ECTS credits): AT,IT,SE,KI,HCI,IN						
10-I=DM-232-m01	<b>Data Science</b>							
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	V (2) + Ü (2)						
	Method of assessment	written examination (approx. 60 to 120 minutes) If announced by the lecturer at the beginning of the course, the written examination may be replaced by an oral examination of one candidate each (approx. 20 minutes) or an oral examination in groups of 2 candidates (approx. 15 minutes per candidate). Language of assessment: German and/or English creditable for bonus						
	Additional Information	Focuses available for students of the Master's programme Informatik (Computer Science, 120 ECTS credits): IT, KI, HCI, GE, SEC, IN						



**Compulsory Electives II: Tracks (40 ECTS credits)**

Out of the four tracks, students may select two.

**Track 1: Enterprise Systems (20 ECTS credits)****Core (10 ECTS credits)**

12-M-GPU-242-mo1	<b>Business Software 1: Management and Implementation of Information Systems</b>							
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	V (2) + Ü (2) Module taught in: German and/or English						
	Method of assessment	a) written examination (approx. 60 minutes) or b) oral examination (one candidate each: approx. 10 to 15 minutes; groups of 2: approx. 20 minutes; groups of 3: approx. 30 minutes) or c) term paper (15 to 20 pages) Language of assessment: German and/or English Assessment offered: once a year, winter semester creditable for bonus						
Participants and allocation of places	50 places. WM1: Should the number of applications exceed the number of available places, places will be allocated as follows: 1) Master's students of Information Systems, Management and Economathematics will be given preferential consideration. (2) The remaining places will be allocated to students of other subjects. (3) When places are allocated in accordance with (1) and (2) and the number of applications exceeds the number of available places, places will be allocated by lot among applicants from this group.							
12-M-ERP-242-mo1	<b>Business Software 2: Data-driven Business Process Management and Automation</b>							
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	V (2) + Ü (2) Module taught in: German and/or English						
	Method of assessment	a) written examination (approx. 60 minutes) or b) oral examination (one candidate each: approx. 10 to 15 minutes, groups of 2: approx. 20 minutes, groups of 3: approx. 30 minutes) or c) term paper (15 to 20 pages) Language of assessment: German and/or English Assessment offered: Once a year, summer semester creditable for bonus						
Participants and allocation of places	50 places. WM1: Should the number of applications exceed the number of available places, places will be allocated as follows: 1) Master's students of Information Systems, Management and Economathematics will be given preferential consideration. (2) The remaining places will be allocated to students of other subjects. (3) When places are allocated in accordance with (1) and (2) and the number of applications exceeds the number of available places, places will be allocated by lot among applicants from this group.							

Core Electives (10 ECTS credits)							
10-I=PM-252-m01	<b>Professional Project Management</b>						
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level   graduate
	Courses	V (4)					
	Method of assessment	written examination (approx. 60 to 120 minutes) If announced by the lecturer at the beginning of the course, the written examination may be replaced by an oral examination of one candidate each (approx. 20 minutes) or an oral examination in groups of 2 candidates (approx. 15 minutes per candidate). Language of assessment: German and/or English creditable for bonus					
	other prerequisites	We recommend completing module 10-I=PRJAK in parallel.					
Additional Information	Focuses available for students of the Master's programme Informatik (Computer Science, 120 ECTS credits): SE, IT, KI, ES, LR, HCI, GE, IN						
10-I=PRJAK-252-m01	<b>Project - Current Topics in Computer Science</b>						
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level   graduate
	Courses	P (4)					
	Method of assessment	project report (10 to 15 pages) and presentation of project (15 to 30 minutes) Language of assessment: German and/or English Assessment offered: In the semester in which the course is offered (Each project is offered one time only. The project will not be repeated; there will not be another project with the same topic. Assessment can, therefore, only be offered for the project offered in the respective semester)					
	Additional Information	Focuses available for students of the Master's programme Informatik (Computer Science, 120 ECTS credits): AT, SE, IT, KI, ES, LR, HCI, GE, SEC, IN					
12-M-HRM-242-m01	<b>Human Resource Management and Industrial Relations</b>						
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level   graduate
	Courses	V (2) + Ü (2) Module taught in: English					
	Method of assessment	a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) Language of assessment: English					

10-I=SAR-161-m01	<b>Software Architecture</b>							
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	V (2) + Ü (2)						
	Method of assessment	<p>written examination (approx. 60 to 120 minutes).  If announced by the lecturer at the beginning of the course, the written examination may be replaced by an oral examination of one candidate each (approx. 20 minutes) or an oral examination in groups of 2 candidates (approx. 15 minutes per candidate).</p> <p>Language of assessment: German and/or English  creditable for bonus</p>						
Additional Information	Focuses available for students of the Master's programme Informatik (Computer Science, 120 ECTS credits): SE,IT,ES							
12-M-ESE-242-m01	<b>Entrepreneurship in Software-Ecosystems: Start &amp; Scale Up, Venture Capital, Private Equity, EXIT</b>							
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	V (2) + Ü (2) Module taught in: German and/or English						
	Method of assessment	a) written examination (approx. 60 minutes) or b) oral examination (one candidate each: approx. 10 to 15 minutes, groups of 2: approx. 20 minutes, groups of 3: approx. 30 minutes) or c) term paper (15 to 20 pages) Language of assessment: German and/or English creditable for bonus						
Participants and allocation of places	Number of places: 50. WA: Should the number of applications exceed the number of available places, places will be allocated as follows: (1) Students who already have successfully completed courses offered by the supervising chair will be given preferential consideration. a. Among applicants with the same number of successfully completed modules, places will be allocated according to the total number of ECTS credits achieved in the corresponding modules. b. When places are allocated in accordance with b) and the number of applications exceeds the number of available places, places will be allocated according to the average grade of assessments taken in the corresponding courses. c. Among applicants with the same average grade, places will be allocated by lot. (2) Any remaining places are available to students who have not yet successfully completed any courses of the supervising chair. The selection is made according to study progress (number of semesters); among applicants with the same number of semesters, places will be allocated by lot. A waiting list will be maintained and places re-allocated as they become available.							

12-M-APW1-161-mo1	<b>Selected Topics in Business Management and Economics 1</b>							
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	V (2) + Ü (2)						
	Method of assessment	a) written examination (approx. 60 to 90 minutes) or b) written examination (questions concerning mathematical methodology; approx. 120 minutes) or c) term paper (approx. 15 to 20 pages) or presentation (approx. 30 to 45 minutes) Language of assessment: German and/or English Assessment offered: In the semester in which the course is offered creditable for bonus						
12-M-AWI1-242-mo1	<b>Selected Topics in Business Information Systems 1</b>							
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	V (2) + Ü (2) Module taught in: German and/or English Course type: alternatively S instead of V + Ü						
	Method of assessment	a) written examination (approx. 60 minutes) or b) presentation (15 to 20 minutes) with term paper (approx. 20 pages), weighted 1:2 or c) oral examination (one candidate each: approx. 10 to 15 minutes; groups of 2: approx. 20 minutes; groups of 3: approx. 30 minutes) Language of assessment: German and/or English creditable for bonus						
12-M-TES-242-mo1	<b>Topics in Enterprise Systems</b>							
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	V (2) + Ü (2) Module taught in: German and/or English						
	Method of assessment	a) written examination (approx. 60 to 90 minutes) or b) written examination (questions concerning mathematical methodology; approx. 120 minutes) or c) term paper (15 to 20 pages) or d) presentation (30 to 45 minutes) Language of assessment: German and/or English Assessment offered: In the semester in which the course is offered creditable for bonus						

Track 2: Business Analytics (20 ECTS credits)							
Core (10 ECTS credits)							
12-M-DSS-242-m01	<b>Decision Support Systems</b>						
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level   graduate
	Courses	V (2) + Ü (2) Module taught in: English					
	Method of assessment	a) written examination (approx. 60 minutes) or b) oral examination (one candidate each: approx. 10 to 15 minutes, groups of 2: approx. 20 minutes, groups of 3: approx. 30 minutes) Language of assessment: English creditable for bonus					
12-M-AOLM-182-m01	<b>Advanced Operations &amp; Logistics Management</b>						
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level   graduate
	Courses	V (2) + Ü (2) Module taught in: English					
	Method of assessment	a) written examination (approx. 60 minutes) or b) term paper (approx. 15 to 20 pages) Language of assessment: English creditable for bonus					
12-M-BI-242-m01	<b>Analytical Information Systems</b>						
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level   graduate
	Courses	V (2) + Ü (2) Module taught in: English					
	Method of assessment	written examination (approx. 60 minutes) Language of assessment: English creditable for bonus					
Core Electives (10 ECTS credits)							
12-M-BI-242-m01	<b>Analytical Information Systems</b>						
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level   graduate
	Courses	V (2) + Ü (2) Module taught in: English					
	Method of assessment	written examination (approx. 60 minutes) Language of assessment: English creditable for bonus					

12-M-EAI-252-m01	<b>Enterprise AI</b>							
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	V (2) + Ü (2) Module taught in: English						
	Method of assessment	a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) or c) oral examination of one candidate each (approx. 20 minutes) or d) portfolio (approx. 50 hours) Language of assessment: English Assessment offered: In the semester in which the course is offered creditable for bonus						
10-I=OR-232-m01	<b>Operations Research</b>							
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	V (2) + Ü (2) Module taught in: German and/or English						
	Method of assessment	written examination (approx. 60 to 120 minutes) If announced by the lecturer at the beginning of the course, the written examination may be replaced by an oral examination of one candidate each (approx. 20 minutes) or an oral examination in groups of 2 candidates (approx. 15 minutes per candidate). Language of assessment: German and/or English creditable for bonus						
Additional Information	Focuses available for students of the Master's programme Informatik (Computer Science, 120 ECTS credits): IN							
12-M-GL-SC-182-m01	<b>Global Logistics &amp; Supply Chain Management</b>							
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	V (2) + Ü (2) Module taught in: English						
	Method of assessment	a) written examination (approx. 60 minutes) or b) term paper (approx. 15 to 20 pages) Language of assessment: English creditable for bonus						

12-M-ATDS-252-m01	<b>Practical Data Science</b>							
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	V (2) + Ü (2) Module taught in: English						
	Method of assessment	a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) or c) portfolio (approx. 50 hours) Language of assessment: English Assessment offered: In the semester in which the course is offered creditable for bonus						
Participants and allocation of places	Number of places: 35. WA: Should the number of applications exceed the number of available places, places will be allocated as follows: (1) Students who already have successfully completed courses offered by the supervising chair will be given preferential consideration. a. Among applicants with the same number of successfully completed modules, places will be allocated according to the total number of ECTS credits achieved in the corresponding modules. b. When places are allocated in accordance with b) and the number of applications exceeds the number of available places, places will be allocated according to the average grade of assessments taken in the corresponding courses. c. Among applicants with the same average grade, places will be allocated by lot. (2) Any remaining places are available to students who have not yet successfully completed any courses of the supervising chair. The selection is made according to study progress (number of semesters); among applicants with the same number of semesters, places will be allocated by lot. A waiting list will be maintained and places re-allocated as they become available.							
12-M-TE-252-m01	<b>Applied Topics in Data Science in Business and Economics</b>							
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	V (2) + Ü (2) Module taught in: English						
	Method of assessment	portfolio (approx. 50 hours) Language of assessment: English Assessment offered: In the semester in which the course is offered creditable for bonus						
12-M-TDS-242-m01	<b>Applied Data Analysis and Machine Learning</b>							
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	V (2) + Ü (2) Module taught in: English						
	Method of assessment	a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) Language of assessment: English Assessment offered: In the semester in which the course is offered creditable for bonus						

12-M-OEDT-252-mo1	<b>Organizational Economics and Digital Transformation</b>							
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	V (2) + Ü (2) Module taught in: English						
	Method of assessment	a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) Language of assessment: English Assessment offered: In the semester in which the course is offered creditable for bonus						
12-M-AOLM-182-mo1	<b>Advanced Operations &amp; Logistics Management</b>							
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	V (2) + Ü (2) Module taught in: English						
	Method of assessment	a) written examination (approx. 60 minutes) or b) term paper (approx. 15 to 20 pages) Language of assessment: English creditable for bonus						
12-M-DSS-242-mo1	<b>Decision Support Systems</b>							
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	V (2) + Ü (2) Module taught in: English						
	Method of assessment	a) written examination (approx. 60 minutes) or b) oral examination (one candidate each: approx. 10 to 15 minutes, groups of 2: approx. 20 minutes, groups of 3: approx. 30 minutes) Language of assessment: English creditable for bonus						
12-M-OIP-252-mo1	<b>Optimization in Practice</b>							
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	
	Courses	V (2) + Ü (2) Module taught in: English						
	Method of assessment	a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) and presentation (15 to 20 minutes), (weighted 2:1) Language of assessment: English Assessment offered: In the semester in which the course is offered creditable for bonus						



12-M-EE-252-m01	<b>Experimental Economics</b>							
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	V (2) + Ü (2) Module taught in: English						
	Method of assessment	portfolio (approx. 50 hours) Language of assessment: English Assessment offered: In the semester in which the course is offered creditable for bonus						
Participants and allocation of places	30 places. WA1: (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.							
12-M-APW2-161-m01	<b>Selected Topics in Business Management and Economics 2</b>							
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	V (2) + Ü (2)						
	Method of assessment	a) written examination (approx. 60 to 90 minutes) or b) written examination (questions concerning mathematical methodology; approx. 120 minutes) or c) term paper (approx. 15 to 20 pages) or d) presentation (approx. 30 to 45 minutes) Language of assessment: German and/or English Assessment offered: In the semester in which the course is offered creditable for bonus						
12-M-AWI2-242-m01	<b>Selected Topics in Business Information Systems 2</b>							
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	V (2) + Ü (2) Module taught in: German and/or English Course type: alternatively S instead of V + Ü						
	Method of assessment	a) written examination (approx. 60 minutes) or b) presentation (15 to 20 minutes) with term paper (approx. 20 pages), weighted 1:2 or c) oral examination (one candidate each: approx. 10 to 15 minutes; groups of 2: approx. 20 minutes; groups of 3: approx. 30 minutes) Language of assessment: German and/or English creditable for bonus						

12-M-TBA-242-m01	<b>Topics in Business Analytics</b>							
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	V (2) + Ü (2) Module taught in: German and/or English						
	Method of assessment	a) written examination (approx. 60 to 90 minutes) or b) written examination (questions concerning mathematical methodology; approx. 120 minutes) or c) term paper (15 to 20 pages) or d) presentation (30 to 45 minutes) Language of assessment: German and/or English Assessment offered: In the semester in which the course is offered creditable for bonus						
<b>Track 3: Electronic Business (20 ECTS credits)</b>								
<b>Core (10 ECTS credits)</b>								
12-M-IBS-242-m01	<b>E-Business Strategies</b>							
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	V (2) + Ü (2) Module taught in: English						
	Method of assessment	a) written examination (approx. 60 minutes) or b) oral examination (one candidate each: approx. 10 to 15 minutes; groups of 2: approx. 20 minutes; groups of 3: approx. 30 minutes) Language of assessment: English creditable for bonus						
12-M-MUS-242-m01	<b>Mobile and Ubiquitous Business</b>							
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	V (2) + Ü (2) Module taught in: English						
	Method of assessment	a) written examination (approx. 60 minutes) or b) oral examination (one candidate each: approx. 10 to 15 minutes; groups of 2: approx. 20 minutes; groups of 3: approx. 30 minutes) Language of assessment: English creditable for bonus						

Core Electives (10 ECTS credits)							
12-M-UGF1-242-m01	<b>Corporate Entrepreneurship and Innovation</b>						
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level   graduate
	Courses	V (2) + Ü (2) Module taught in: English					
	Method of assessment	a) written examination (approx. 60 to 120 minutes) or b) term paper (15 to 20 pages) or c) oral examination of one candidate each (approx. 10 to 15 minutes) or oral examination in groups (groups of 2 approx. 20 minutes, groups of 3 approx. 30 minutes) Language of assessment: English					
12-M-UGF2-182-m01	<b>Corporate Strategy</b>						
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level   graduate
	Courses	V (2) + Ü (2) Module taught in: English					
	Method of assessment	a) written examination (approx. 60 to 120 minutes) or b) term paper (15 to 20 pages) or c) oral examination of one candidate each (approx. 10 to 15 minutes) or oral examination in groups (groups of 2 approx. 20 minutes, groups of 3 approx. 30 minutes) Language of assessment: English					
12-M-UGF3-242-m01	<b>Digital Entrepreneurship and Digital Transformation</b>						
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level   graduate
	Courses	V (2) + Ü (2) Module taught in: English					
	Method of assessment	a) written examination (approx. 60 to 120 minutes) or b) term paper (15 to 20 pages) or c) oral examination (one candidate each: approx. 10 to 15 minutes; groups of 2: approx. 20 minutes; groups of 3: approx. 30 minutes) Language of assessment: English					
12-M-MA-242-m01	<b>Marketing Analytics</b>						
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level   graduate
	Courses	V (2) + Ü (2) Module taught in: English					
	Method of assessment	a) written examination (approx. 60 to 120 minutes) or b) term paper (15 to 20 pages) Language of assessment: English creditable for bonus					

12-M-EC1-252-m01	<b>E-Commerce</b>							
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	V (2) + Ü (2) Module taught in: German and/or English						
	Method of assessment	a) written examination (approx. 60 to 120 minutes) or b) term paper (15 to 20 pages) Language of assessment: German and/or English creditable for bonus						
Participants and allocation of places	Number of places: 15. WA: Should the number of applications exceed the number of available places, places will be allocated as follows: (1) Students who already have successfully completed courses offered by the supervising chair will be given preferential consideration. a. Among applicants with the same number of successfully completed modules, places will be allocated according to the total number of ECTS credits achieved in the corresponding modules. b. When places are allocated in accordance with b) and the number of applications exceeds the number of available places, places will be allocated according to the average grade of assessments taken in the corresponding courses. c. Among applicants with the same average grade, places will be allocated by lot. (2) Any remaining places are available to students who have not yet successfully completed any courses of the supervising chair. The selection is made according to study progress (number of semesters); among applicants with the same number of semesters, places will be allocated by lot. A waiting list will be maintained and places re-allocated as they become available.							
12-M-SMGS-242-m01	<b>Strategic Management of Global Supply Chains</b>							
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	V (2) + Ü (2) Module taught in: English						
	Method of assessment	written examination (approx. 60 minutes) Language of assessment: English creditable for bonus						
12-M-INST-242-m01	<b>Strategic Managerial Accounting</b>							
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	V (2) + Ü (2) Module taught in: German and/or English						
	Method of assessment	a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) Language of assessment: German and/or English creditable for bonus						

12-M-APW3-161-m01	<b>Selected Topics in Business Management and Economics 3</b>							
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	V (2) + Ü (2)						
	Method of assessment	a) written examination (approx. 60 to 90 minutes) or b) written examination (questions concerning mathematical methodology; approx. 120 minutes) or c) term paper (approx. 15 to 20 pages) or d) presentation (approx. 30 to 45 minutes) Language of assessment: German and/or English Assessment offered: In the semester in which the course is offered creditable for bonus						
12-M-AWI3-242-m01	<b>Selected Topics in Business Information Systems 3</b>							
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	V (2) + Ü (2) Module taught in: German and/or English Course type: alternatively S instead of V + Ü						
	Method of assessment	a) written examination (approx. 60 minutes) or b) presentation (15 to 20 minutes) with term paper (approx. 20 pages), weighted 1:2 or c) oral examination (one candidate each: approx. 10 to 15 minutes; groups of 2: approx. 20 minutes; groups of 3: approx. 30 minutes) Language of assessment: German and/or English creditable for bonus						
12-M-TEB-242-m01	<b>Topics in Electronic Business</b>							
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	V (2) + Ü (2) Module taught in: German and/or English						
	Method of assessment	a) written examination (approx. 60 to 90 minutes) or b) written examination (questions concerning mathematical methodology; approx. 120 minutes) or c) term paper (15 to 20 pages) or d) presentation (30 to 45 minutes) Language of assessment: German and/or English Assessment offered: In the semester in which the course is offered creditable for bonus						

Track 4: Artificial Intelligence (20 ECTS credits)								
Core (10 ECTS credits)								
12-M-EAI-252-m01	<b>Enterprise AI</b>							
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	V (2) + Ü (2) Module taught in: English						
	Method of assessment	a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) or c) oral examination of one candidate each (approx. 20 minutes) or d) portfolio (approx. 50 hours) Language of assessment: English Assessment offered: In the semester in which the course is offered creditable for bonus						
12-M-BI-242-m01	<b>Analytical Information Systems</b>							
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	V (2) + Ü (2) Module taught in: English						
	Method of assessment	written examination (approx. 60 minutes) Language of assessment: English creditable for bonus						

12-M-ATDS-252-m01	<b>Practical Data Science</b>							
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	V (2) + Ü (2) Module taught in: English						
	Method of assessment	a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) or c) portfolio (approx. 50 hours) Language of assessment: English Assessment offered: In the semester in which the course is offered creditable for bonus						
Participants and allocation of places	Number of places: 35. WA: Should the number of applications exceed the number of available places, places will be allocated as follows: (1) Students who already have successfully completed courses offered by the supervising chair will be given preferential consideration. a. Among applicants with the same number of successfully completed modules, places will be allocated according to the total number of ECTS credits achieved in the corresponding modules. b. When places are allocated in accordance with b) and the number of applications exceeds the number of available places, places will be allocated according to the average grade of assessments taken in the corresponding courses. c. Among applicants with the same average grade, places will be allocated by lot. (2) Any remaining places are available to students who have not yet successfully completed any courses of the supervising chair. The selection is made according to study progress (number of semesters); among applicants with the same number of semesters, places will be allocated by lot. A waiting list will be maintained and places re-allocated as they become available.							
<b>Core Electives (10 ECTS credits)</b>								
10-AI=CV1-242-m01	<b>Computer Vision 1</b>							
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	V (2) + Ü (2) Module taught in: English						
	Method of assessment	Written examination (approx. 60 to 120 minutes) If announced by the lecturer at the beginning of the course, the written examination may be replaced by an oral examination of one candidate each (approx. 20 minutes) or an oral examination in groups of 2 candidates (approx. 15 minutes per candidate). Language of assessment: English creditable for bonus						

12-M-EAI-252-m01	<b>Enterprise AI</b>							
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	V (2) + Ü (2) Module taught in: English						
	Method of assessment	a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) or c) oral examination of one candidate each (approx. 20 minutes) or d) portfolio (approx. 50 hours) Language of assessment: English Assessment offered: In the semester in which the course is offered creditable for bonus						
12-M-BI-242-m01	<b>Analytical Information Systems</b>							
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	V (2) + Ü (2) Module taught in: English						
	Method of assessment	written examination (approx. 60 minutes) Language of assessment: English creditable for bonus						
12-M-ATDS-252-m01	<b>Practical Data Science</b>							
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	V (2) + Ü (2) Module taught in: English						
	Method of assessment	a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) or c) portfolio (approx. 50 hours) Language of assessment: English Assessment offered: In the semester in which the course is offered creditable for bonus						
	Participants and allocation of places	Number of places: 35. WA: Should the number of applications exceed the number of available places, places will be allocated as follows: (1) Students who already have successfully completed courses offered by the supervising chair will be given preferential consideration. a. Among applicants with the same number of successfully completed modules, places will be allocated according to the total number of ECTS credits achieved in the corresponding modules. b. When places are allocated in accordance with b) and the number of applications exceeds the number of available places, places will be allocated according to the average grade of assessments taken in the corresponding courses. c. Among applicants with the same average grade, places will be allocated by lot. (2) Any remaining places are available to students who have not yet successfully completed any courses of the supervising chair. The selection is made according to study progress (number of semesters); among applicants with the same number of semesters, places will be allocated by lot. A waiting list will be maintained and places re-allocated as they become available.						



12-M-MA-242-m01	<b>Marketing Analytics</b>							
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	V (2) + Ü (2) Module taught in: English						
	Method of assessment	a) written examination (approx. 60 to 120 minutes) or b) term paper (15 to 20 pages) Language of assessment: English creditable for bonus						
12-M-TE-252-m01	<b>Applied Topics in Data Science in Business and Economics</b>							
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	V (2) + Ü (2) Module taught in: English						
	Method of assessment	portfolio (approx. 50 hours) Language of assessment: English Assessment offered: In the semester in which the course is offered creditable for bonus						
10-I=SNA-232-m01	<b>Statistical Network Analysis</b>							
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	V (2) + Ü (2) Module taught in: English						
	Method of assessment	written examination (approx. 60 to 120 minutes). If announced by the lecturer at the beginning of the course, the written examination may be replaced by an oral examination of one candidate each (approx. 20 minutes) or an oral examination in groups of 2 candidates (approx. 15 minutes per candidate). Language of assessment: English creditable for bonus						
	Additional Information	Focuses available for students of the Master's programme Informatik (Computer Science, 120 ECTS credits): IN						
10-I=NLP-212-m01	<b>Machine Learning for Natural Language Processing</b>							
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	V (2) + Ü (2)						
	Method of assessment	written examination (approx. 60 to 120 minutes) If announced by the lecturer at the beginning of the course, the written examination may be replaced by an oral examination of one candidate each (approx. 20 minutes) or an oral examination in groups of 2 candidates (approx. 15 minutes per candidate). Language of assessment: German and/or English creditable for bonus						
	Additional Information	Focuses available for students of the Master's programme Informatik (Computer Science, 120 ECTS credits): AT,KI,HCI						

10-I=M- NLP-232-mo1	<b>Multilingual NLP</b>								
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate	
	Courses	V (2) + Ü (2) Module taught in: German and/or English							
	Method of assessment	written examination (approx. 60 to 120 minutes) If announced by the lecturer at the beginning of the course, the written examination may be replaced by an oral examination of one candidate each (approx. 20 minutes) or an oral examination in groups of 2 candidates (approx. 15 minutes per candidate). Language of assessment: German and/or English creditable for bonus							
12-M-APW4-161- mo1	<b>Selected Topics in Business Management and Economics 4</b>								
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate	
	Courses	V (2) + Ü (2)							
	Method of assessment	a) written examination (approx. 60 to 90 minutes) or b) written examination (questions concerning mathematical methodology; approx. 120 minutes) or c) term paper (approx. 15 to 20 pages) or d) presentation (approx. 30 to 45 minutes) Language of assessment: German and/or English Assessment offered: In the semester in which the course is offered creditable for bonus							
12-M-AWI4-242- mo1	<b>Selected Topics in Business Information Systems 4</b>								
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate	
	Courses	V (2) + Ü (2) Module taught in: German and/or English Course type: alternatively S instead of V + Ü							
	Method of assessment	a) written examination (approx. 60 minutes) or b) presentation (15 to 20 minutes) with term paper (approx. 20 pages), weighted 1:2 or c) oral examination (one candidate each: approx. 10 to 15 minutes; groups of 2: approx. 20 minutes; groups of 3: approx. 30 minutes) Language of assessment: German and/or English creditable for bonus							
12-M-TAI-242-mo1	<b>Topics in Artificial Intelligence</b>								
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate	
	Courses	V (2) + Ü (2) Module taught in: German and/or English							
	Method of assessment	a) written examination (approx. 60 to 90 minutes) or b) written examination (questions concerning mathematical methodology; approx. 120 minutes) or c) term paper (15 to 20 pages) or d) presentation (30 to 45 minutes) Language of assessment: German and/or English Assessment offered: In the semester in which the course is offered creditable for bonus							
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Compulsory Electives III: Seminar (10 ECTS credits)								
12-M-MSS-242-mo1	<b>Advanced Seminar: Marketing Strategy</b>							
	ECTS	10	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	S (2) Module taught in: German and/or English						
	Method of assessment	term paper (20 to 25 pages) and presentation (approx. 20 minutes), weighted 2:1 Language of assessment: German and/or English						
	Participants and allocation of places	10 places. WA1: (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.						
12-M-SER-242-mo1	<b>Advanced Seminar: Financial Accounting</b>							
	ECTS	10	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	S (2) Module taught in: German and/or English						
	Method of assessment	term paper (20 to 25 pages) and presentation (approx. 20 minutes) (weighted 2:1) Language of assessment: German and/or English						
	Participants and allocation of places	10 places. WA1: (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.						
12-M-SBL-242-mo1	<b>Advanced Seminar: Corporate Finance</b>							
	ECTS	10	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	S (2) Module taught in: German and/or English						
	Method of assessment	term paper (20 to 25 pages) and presentation (approx. 20 minutes), weighted 2:1 Language of assessment: German and/or English						
	Participants and allocation of places	10 places. WA1: (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.						

12-M-SSL-242-m01	<b>Advanced Seminar: Analytical Tax Research</b>							
	ECTS	10	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	S (2) Module taught in: German and/or English						
	Method of assessment	term paper (20 to 25 pages) and presentation (approx. 20 minutes), weighted 2:1 Language of assessment: German and/or English						
	Participants and allocation of places	10 places. WA1: (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.						
12-M-ES-242-m01	<b>Advanced Seminar: Enterprise Systems</b>							
	ECTS	10	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	S (2) Module taught in: German and/or English						
	Method of assessment	term paper (20 to 25 pages) and presentation (approx. 20 minutes), weighted 2:1 Language of assessment: German and/or English						
	Participants and allocation of places	10 places. WA1: (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.						
12-M-SPO-242-m01	<b>Advanced Seminar: Topics in Personnel Economics and Organizational Theory</b>							
	ECTS	10	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	S (2) Module taught in: English						
	Method of assessment	term paper (approx. 20 pages) and presentation with sub-presentation including discussion (approx. 50 minutes), weighted 1:1 Language of assessment: English						
	Participants and allocation of places	10 places. WA1: (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.						

12-M-SAS-242-mo1	<b>Advanced Seminar: Entrepreneurship and Management</b>							
	ECTS	10	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	S (2) Module taught in: German and/or English						
	Method of assessment	term paper (approx. 20 pages) and presentation (15 to 30 minutes), weighted 2:1 Language of assessment: German and/or English Assessment offered: Once a year, winter semester						
	Participants and allocation of places	10 places. WA1: (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.						
12-M-AU-AS-252-mo1	<b>Advanced Seminar: Managerial Accounting</b>							
	ECTS	10	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	S (2) Module taught in: German and/or English						
	Method of assessment	term paper (15 to 20 pages) and presentation (approx. 20 minutes), weighted 2:1 Language of assessment: German and/or English creditable for bonus						
	Participants and allocation of places	10 places. WA1: (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.						
12-M-BUA-242-mo1	<b>Business Analytics</b>							
	ECTS	10	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	S (2) Module taught in: German and/or English						
	Method of assessment	term paper (20 to 25 pages) and presentation (approx. 20 minutes), weighted 2:1 Language of assessment: German and/or English						
	Participants and allocation of places	10 places. WA1: (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.						

12-M-LSCM-242-mo1	<b>Seminar: Applied Analytics in Logistics &amp; Supply Chain Management</b>							
	ECTS	10	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	S (2) Module taught in: German and/or English						
	Method of assessment	term paper (20 to 25 pages) and presentation (approx. 20 minutes), weighted 2:1 Language of assessment: German and/or English						
	Participants and allocation of places	10 places. WA1: (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.						
12-M-WUE-242-mo1	<b>Economic and Business Ethics</b>							
	ECTS	10	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	S (2) Module taught in: German and/or English						
	Method of assessment	term paper (20 to 25 pages) and presentation (approx. 20 minutes), weighted 2:1 Language of assessment: German and/or English						
	Participants and allocation of places	10 places. WA1: (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.						
12-M-SWJ-242-mo1	<b>Practical Seminar: Economic Journalism</b>							
	ECTS	10	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	S (2) Module taught in: German and/or English						
	Method of assessment	portfolio on observation visit, including work samples (approx. 40 pages) Language of assessment: German and/or English						
	Participants and allocation of places	10 places. WA1: (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.						

12-M-WPJ-242-m01	<b>Project Modul: Journalism in Economic Policy</b>							
	ECTS	10	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	S (2) Module taught in: German and/or English						
	Method of assessment	portfolio (e. g. record of research activities, commentary, text analyses of different types of media); approx. 3 items with a duration of 3 minutes each, audio/video format or text format approx. 20 pages Language of assessment: German and/or English Assessment offered: In the semester in which the course is offered creditable for bonus						
	Participants and allocation of places	10 places. WA1: (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.						
12-M-APS-252-m01	<b>Project: Selected Topics in Business Management and Economics</b>							
	ECTS	10	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	S (2) Module taught in: German and/or English						
	Method of assessment	term paper (approx. 20 pages) and presentation (approx. 20 minutes); (weighted 2:1) Language of assessment: German and/or English Assessment offered: In the semester in which the course is offered creditable for bonus						
	Participants and allocation of places	10 places. WA1: (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.						
12-M-ATIÖ1-242-m01	<b>International Economics 1</b>							
	ECTS	10	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	S (2) Module taught in: English						
	Method of assessment	term paper (approx. 15 pages) and presentation (approx. 40 minutes) with thesis paper (1 page) (weighted 3:1) Language of assessment: English						
	Participants and allocation of places	10 places. WA1: (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.						

12-M-ATIÖ2-242-mo1	<b>International Economics 2</b>							
	ECTS	10	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	S (2) Module taught in: English						
	Method of assessment	term paper (approx. 15 pages) and presentation (approx. 40 minutes) with thesis paper (1 page) (weighted 3:1) Language of assessment: English						
	Participants and allocation of places	10 places. WA1: (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.						
12-M-ATIÖ3-242-mo1	<b>International Economics 3</b>							
	ECTS	10	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	S (2) Module taught in: English						
	Method of assessment	term paper (approx. 15 pages) and presentation (approx. 40 minutes) with thesis paper (1 page) (weighted 3:1) Language of assessment: English						
	Participants and allocation of places	10 places. WA1: (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.						
12-M-AM-TIÖ-242-mo1	<b>Seminar: International Economics</b>							
	ECTS	10	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	S (2) Module taught in: English						
	Method of assessment	term paper (approx. 15 pages) and presentation (approx. 40 minutes) with thesis paper (1 page) (weighted 3:1) Language of assessment: English						
	Participants and allocation of places	10 places. WA1: (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.						



12-M-SIO-252-m01	<b>Advanced Seminar: Industrial Organization</b>							
	ECTS	10	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	S (2) Module taught in: English						
	Method of assessment	term paper (approx. 20 pages) and presentation (approx. 20 minutes); (weighted 2:1) Language of assessment: English						
	Participants and allocation of places	10 places. WA1: (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.						
12-M-SWOSP-252-m01	<b>Seminar: Behavioral, Organizational, and Labor Economics</b>							
	ECTS	10	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	S (2) Module taught in: English						
	Method of assessment	term paper (20 to 25 pages) and presentation (approx. 20 minutes), weighted 2:1 Language of assessment: English Assessment offered: Once a year, summer semester						
	Participants and allocation of places	20 places. WA1: (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.						
12-M-SV5-242-m01	<b>Advanced Seminar: Public Finance</b>							
	ECTS	10	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	S (2) Module taught in: English						
	Method of assessment	term paper (20 to 25 pages) and presentation (approx. 20 minutes), weighted 2:1 Language of assessment: English Assessment offered: Once a year, summer semester						
	Participants and allocation of places	10 places. WA1: (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.						

12-M-SOE-242-mo1	<b>Advanced Seminar: Econometrics</b>							
	ECTS	10	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	S (2) Module taught in: English						
	Method of assessment	term paper (approx. 15 pages) and presentation (approx. 20 minutes); (weighted 2:1) Language of assessment: English						
	Participants and allocation of places	10 places. WA1: (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.						
12-M-MEW-242-mo1	<b>Seminar: Macroeconomics and Quantitative Economic Research</b>							
	ECTS	10	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	S (2) Module taught in: English						
	Method of assessment	term paper (20 to 25 pages) and presentation (approx. 20 minutes), weighted 2:1 Language of assessment: English						
	Participants and allocation of places	10 places. WA1: (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.						
12-M-ATC-242-mo1	<b>Seminar: Strategic Incentive Design</b>							
	ECTS	10	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	S (2) Module taught in: English						
	Method of assessment	term paper (20 to 25 pages) and presentation (approx. 20 minutes), weighted 2:1 Language of assessment: English						
	Participants and allocation of places	10 places. WA1: (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.						

12-M-SE-BS-252-m01	<b>Seminar: E-Business</b>							
	ECTS	10	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	S (2) Module taught in: German and/or English						
	Method of assessment	term paper (20 to 25 pages) and presentation (approx. 20 minutes), weighted 2:1 Language of assessment: German and/or English Assessment offered: Once a year, winter semester						
	Participants and allocation of places	10 places. WA1: (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.						
12-M-TEE-252-m01	<b>Seminar: Applied Topics in Economics and Ethics of Artificial Intelligence</b>							
	ECTS	10	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	S (2) Module taught in: English						
	Method of assessment	term paper (15 to 20 pages) and presentation (approx. 30 minutes); (weighted 60:40) Language of assessment: English Assessment offered: In the semester in which the course is offered						
	Participants and allocation of places	10 places. WA1: (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.						
12-M-RS-252-m01	<b>Research Seminar in Applied Data Science</b>							
	ECTS	10	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	S (2) Module taught in: English						
	Method of assessment	term paper (20 to 25 pages) and presentation (approx. 20 minutes), weighted 2:1 Language of assessment: English Assessment offered: In the semester in which the course is offered						
	Participants and allocation of places	10 places. WA1: (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.						

12-M-UAAI-242-mo1	<b>Enterprise AI and Urban Analytics</b>							
	ECTS	10	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	S (2) Module taught in: English						
	Method of assessment	term paper (20 to 25 pages) and presentation (approx. 20 minutes), weighted 2:1 Language of assessment: English						
	Participants and allocation of places	10 places. WA1: (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.						
12-M-ICP-242-mo1	<b>Seminar: International Climate Policy</b>							
	ECTS	10	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	S (2) Module taught in: English						
	Method of assessment	term paper (20 to 25 pages) and presentation (approx. 20 minutes), weighted 2:1 Language of assessment: English						
	Participants and allocation of places	10 places. WA1: (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.						
12-M-SBB-252-mo1	<b>Seminar: Beliefs and Biases</b>							
	ECTS	10	Duration	1 semester	Method of grading	numerical grade	Modul level	
	Courses	S (2) Module taught in: English						
	Method of assessment	term paper (15 to 20 pages) and presentation (approx. 30 minutes), weighted 60:40 Language of assessment: English Assessment offered: In the semester in which the course is offered						
	Participants and allocation of places	10 places. WA1: (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.						

Thesis (30 ECTS credits)								
12-WI-MA-192-m01	<b>Master Thesis Information Systems</b>							
	ECTS	30	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses							
	Method of assessment		Master's thesis (approx. 60 to 80 pages) Language of assessment: German and/or English					
	Additional Information		Time to complete: 6 months					