Annex SFB

Studienfachbeschreibung (subject description, SFB) for the subject
  Human-Computer-Interaction as a Master's with 1 major
with the degree "Master of Science" (120 ECTS credits)

Responsible: Faculty of Human Sciences	Examination regulations version: 2018
Responsible: Institute of Human Computer Media	Examination regulations version: 2018

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)):

07-Mar-2018 (2018-8)

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	**Module title**						
	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 (70 ECTS credits)								

10-HCI-PRIS-182-m01 — **Principles of Interactive Systems**

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. 90 minutes) Language of assessment: German and/or English creditable for bonus					

10-HCI-3DUI-152-m01 — **3D User Interfaces**

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		presentation of project results (approx. 30 minutes) Language of assessment: German and/or English creditable for bonus					

10-HCI-ML-152-m01 — **Machine Learning**

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		presentation of project results (approx. 30 minutes) Language of assessment: German and/or English creditable for bonus					

10-HCI-MMI-152-m01 — **Multimodal Interfaces**

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. 90 minutes) or b) presentation of project results (approx. 30 minutes) Language of assessment: German and/or English creditable for bonus					

06-HCI-TH-CI-152-m01 — **HCI Theories**

ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
Courses		S (2)					
Method of assessment		written examination (approx. 120 minutes) Language of assessment: German and/or English creditable for bonus					

06-HCI-METH-152-m01	**Advanced methods of data analysis**							
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses		V (2)					
	Method of assessment	written examination (approx. 75 minutes) Language of assessment: German and/or English creditable for bonus						

06-HCI-PSY-182-m01	**Psychology of Interactive Systems**							
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses		S (2)					
	Method of assessment	a) presentation (approx. 30 minutes) with handout (approx. 2 pages) or b) term paper (approx. 15 pages) or c) written examination (approx. 90 minutes) Language of assessment: German and/or English creditable for bonus						

06-HCI-MTG-182-m01	**Human-Technology-Society**							
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses		S (2)					
	Method of assessment	a) presentation (approx. 25 minutes) or b) term paper (approx. 15 pages) Language of assessment: German and/or English creditable for bonus						

06-HCI-Proj-152-m01	**HCI Project**							
	ECTS	10	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses		Ü (1)					
	Method of assessment	report (approx. 15 pages) Language of assessment: German and/or English creditable for bonus						

06-HCI-Sem-152-m01	**HCI Seminar**							
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses		S (2)					
	Method of assessment	talk (approx. 30 minutes) Language of assessment: German and/or English creditable for bonus						

06-HCI-Ex-hib-152-m01	**Exhibition HCI-Project**							
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses		S (0.5)					
	Method of assessment	presentation of project results (approx. 10 minutes) Language of assessment: German and/or English creditable for bonus						

06-HCI-WPrakt-182-m01	**Scientific Internship**						
	ECTS	10	Duration	1 semester	Method of grading	(not) successfully completed	Modul level	graduate
	Courses		P (O)				
	Method of assessment		report on work placement (approx. 2 pages) Language of assessment: German and/or English				
	Additional Information		Additional information on module duration: 8 weeks.				

Compulsory Electives (20 ECTS credits)

06-HCI-ID1-152-m01	**Interdisciplinary Relations 1**						
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses		S (2)				
	Method of assessment		a) written examination (approx. 75 minutes) or b) presentation (approx. 20 minutes) with handout (approx. 2 pages) or c) presentation of project results (approx. 20 minutes) or d) term paper (approx. 10 pages) or e) a total of approx. 5 hours of completing exercises or f) oral examination (approx. 25 minutes) Language of assessment: German and/or English creditable for bonus				

06-HCI-ID2-152-m01	**Interdisciplinary Relations 2**						
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses		S (2)				
	Method of assessment		a) written examination (approx. 75 minutes) or b) presentation (approx. 20 minutes) with handout (approx. 2 pages) or c) presentation of project results (approx. 20 minutes) or d) term paper (approx. 10 pages) or e) a total of approx. 5 hours of completing exercises or f) oral examination (approx. 25 minutes) Language of assessment: German and/or English creditable for bonus				

06-HCI-VH-CI-1-152-m01	**Specialisation HCI 1**						
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses		S (2)				
	Method of assessment		a) written examination (approx. 75 minutes) or b) presentation (approx. 20 minutes) with handout (approx. 2 pages) or c) presentation of project results (approx. 20 minutes) or d) term paper (approx. 10 pages) or e) a total of approx. 5 hours of completing exercises or f) oral examination (approx. 25 minutes) Language of assessment: German and/or English creditable for bonus				

06-HCI-VH-CI-2-152-m01	**Specialisation HCI 2**						
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses		S (2)				
	Method of assessment	a) written examination (approx. 75 minutes) or b) presentation (approx. 20 minutes) with handout (approx. 2 pages) or c) presentation of project results (approx. 20 minutes) or d) term paper (approx. 10 pages) or e) a total of approx. 5 hours of completing exercises or f) oral examination (approx. 25 minutes) Language of assessment: German and/or English creditable for bonus					
10-HCI-AIS1-152-m01	**Advanced Interactive Systems**						
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses		S (2)				
	Method of assessment	a) written examination (approx. 75 minutes) or b) presentation (approx. 20 minutes) with handout (approx. 2 pages) or c) presentation of project results (approx. 20 minutes) or d) term paper (approx. 10 pages) or e) a total of approx. 5 hours of completing exercises or f) oral examination (approx. 25 minutes) Language of assessment: German and/or English creditable for bonus					
10-HCI-AIS2-152-m01	**Advanced Interactive Systems 2**						
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses		S (2)				
	Method of assessment	a) written examination (approx. 75 minutes) or b) presentation (approx. 20 minutes) with handout (approx. 2 pages) or c) presentation of project results (approx. 20 minutes) or d) term paper (approx. 10 pages) or e) a total of approx. 5 hours of completing exercises or f) oral examination (approx. 25 minutes) Language of assessment: German and/or English creditable for bonus					

06-HCI-UM-152-mo1	**Advanced Usability**						
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses		S (2)				
	Method of assessment		a) written examination (approx. 75 minutes) or b) presentation (approx. 20 minutes) with handout (approx. 2 pages) or c) presentation of project results (approx. 20 minutes) or d) term paper (approx. 10 pages) or e) a total of approx. 5 hours of completing exercises or f) oral examination (approx. 25 minutes) Language of assessment: German and/or English creditable for bonus				
06-HCI-HF-152-mo1	**Advanced Human Factors**						
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses		S (2)				
	Method of assessment		a) written examination (approx. 75 minutes) or b) presentation (approx. 20 minutes) with handout (approx. 2 pages) or c) presentation of project results (approx. 20 minutes) or d) term paper (approx. 10 pages) or e) a total of approx. 5 hours of completing exercises or f) oral examination (approx. 25 minutes) Language of assessment: German and/or English creditable for bonus				
06-HCI-UX-152-mo1	**Advanced User Experience**						
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses		S (2)				
	Method of assessment		a) written examination (approx. 75 minutes) or b) presentation (approx. 20 minutes) with handout (approx. 2 pages) or c) presentation of project results (approx. 20 minutes) or d) term paper (approx. 10 pages) or e) a total of approx. 5 hours of completing exercises or f) oral examination (approx. 25 minutes) Language of assessment: German and/or English creditable for bonus				

10-HCI-In-fo1-152-mo1	**Computer Sciences I - Concepts**						
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses		S (2)					
	Method of assessment		a) written examination (approx. 75 minutes) or b) presentation (approx. 20 minutes) with handout (approx. 2 pages) or c) presentation of project results (approx. 20 minutes) or d) term paper (approx. 10 pages) or e) a total of approx. 5 hours of completing exercises or f) oral examination (approx. 25 minutes) Language of assessment: German and/or English creditable for bonus					

10-HCI-In-fo2-152-mo1	**Computer Science II - Theory**						
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses		S (2)					
	Method of assessment		a) written examination (approx. 75 minutes) or b) presentation (approx. 20 minutes) with handout (approx. 2 pages) or c) presentation of project results (approx. 20 minutes) or d) term paper (approx. 10 pages) or e) a total of approx. 5 hours of completing exercises or f) oral examination (approx. 25 minutes) Language of assessment: German and/or English creditable for bonus					

10-HCI-In-fo3-152-mo1	**Computer Sciences III - Application**						
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses		S (2)					
	Method of assessment		a) written examination (approx. 75 minutes) or b) presentation (approx. 20 minutes) with handout (approx. 2 pages) or c) presentation of project results (approx. 20 minutes) or d) term paper (approx. 10 pages) or e) a total of approx. 5 hours of completing exercises or f) oral examination (approx. 25 minutes) Language of assessment: German and/or English creditable for bonus					

10-HCI-In-fo4-152-mo1	**Computer Sciences IV - Praxis**						
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses		S (2)					
	Method of assessment		a) written examination (approx. 75 minutes) or b) presentation (approx. 20 minutes) with handout (approx. 2 pages) or c) presentation of project results (approx. 20 minutes) or d) term paper (approx. 10 pages) or e) a total of approx. 5 hours of completing exercises or f) oral examination (approx. 25 minutes) Language of assessment: German and/or English creditable for bonus					
10-HCI-AK-152-mo1	**Selected Topics of Computer Science**						
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses		S (2)					
	Method of assessment		a) written examination (approx. 75 minutes) or b) presentation (approx. 20 minutes) with handout (approx. 2 pages) or c) presentation of project results (approx. 20 minutes) or d) term paper (approx. 10 pages) or e) a total of approx. 5 hours of completing exercises or f) oral examination (approx. 25 minutes) Language of assessment: German and/or English creditable for bonus					
06-HCI-DTT-152-mo1	**Psychological Diagnostics and Test Theory**						
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses		V (2) + Ü (2)					
	Method of assessment		written examination (approx. 120 minutes) Modules offered will vary according to resources of research group Differentielle Psychologie, Persönlichkeitspsychologie und Psychologische Diagnostik (Differential Psychology, Personality Psychology and Psychological Diagnosis) at the Institute of Psychology					
	Participants and allocation of places		max. 5 places. Should the number of applications exceed the number of available places, places will be allocated according to the number of subject semesters. Among applicants with the same number of subject semesters, places will be allocated by lot.					

06-HCI-OMK-182-mo1	**Selected Topics in Online and Mobile Communication**						
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses		S (2)				
	Method of assessment		a) written examination (approx. 60 minutes) or b) oral examination of one candidate each (approx. 30 minutes) or c) presentation (15 to 45 minutes) and written elaboration (10 to 15 pages) or d) term paper (15 to 20 pages) or e) portfolio (maximum 20 pages) Language of assessment: German and/or English creditable for bonus				
	Participants and allocation of places		max. 32 places				
06-MK-ME2-182-mo1	**Methods 2**						
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses		S (2)				
	Method of assessment		a) written examination (approx. 60 minutes) or b) oral examination of one candidate each (approx. 30 minutes) or c) presentation (15 to 45 minutes) and written elaboration (10 to 15 pages) or d) term paper (15 to 20 pages) or e) portfolio (maximum 20 pages) Language of assessment: German and/or English creditable for bonus				
12-M-UGF3-182-mo1	**Digital Entrepreneurship**						
	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				
06-HCI-Tut-152-mo1	**Work experience as a research and teaching assistant**						
	ECTS	5	Duration	1 semester	Method of grading	(not) successfully completed	Modul level	graduate
	Courses		P (0)				
	Method of assessment		report (approx. 2 pages)				

06-HCI-GL-1-182-mo1	**Foundations of HCI 1**							
	ECTS	5	Duration	1 semester	Method of grading	(not) successfully completed	Modul level	graduate
	Courses		S (2)					
	Method of assessment		a) written examination (approx. 75 minutes) or b) presentation (approx. 20 minutes) with handout (approx. 2 pages) or c) presentation of project results (approx. 20 minutes) or d) term paper (approx. 10 pages) or e) a total of approx. 5 hours of completing exercises or f) oral examination (approx. 25 minutes) Language of assessment: German and/or English					
06-HCI-GL-2-182-mo1	**Foundations of HCI 2**							
	ECTS	5	Duration	1 semester	Method of grading	(not) successfully completed	Modul level	graduate
	Courses		S (2)					
	Method of assessment		a) written examination (approx. 75 minutes) or b) presentation (approx. 20 minutes) with handout (approx. 2 pages) or c) presentation of project results (approx. 20 minutes) or d) term paper (approx. 10 pages) or e) a total of approx. 5 hours of completing exercises or f) oral examination (approx. 25 minutes) Language of assessment: German and/or English					

Thesis (30 ECTS credits)

06-HCI-Ab-schl-152-mo1	**HCI Master's Thesis**							
	ECTS	30	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses		No courses assigned to module					
	Method of assessment		written thesis (approx. 50 to 90 pages) Language of assessment: German and/or English					
	Additional Information		Time to complete: 6 months.					