



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: 2021 Responsible: Institute of Human Computer Media Examination regulations version: 2021 Abbreviations used: Course types: $\mathbf{E} = \text{field trip}$, $\mathbf{K} = \text{colloquium}$, $\mathbf{O} = \text{conversatorium}$, $\mathbf{P} = \text{placement/lab course}$, $\mathbf{R} = \text{project}$, $\mathbf{S} = \text{seminar}$, $\mathbf{T} = \text{tutorial}$, $\mathbf{U} = \text{exercise}$, \mathbf{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 Unless otherwise stated, courses and assessments will be held in German, assessments will be offered every semester and modules are not cremodules in this SFB: ditable for bonus. Information on Should there be the option to choose between several methods of assessment, the lecturer will agree with the module coordinator on the meassessment procedures: thod 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)):

03-Feb-2021 (2021-1)

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		Durati	on	(in semesters)	Method of grading		Module level				
	Courses			To be spe	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 applica	if applicable							
	Other prerequisites			if applicable								
	Participants and allocati- on of places		locati-	if applicable								
	Additional information				if applicable							
	Referred to in LPO I		if applicable (examination regulations for teaching-degree programmes)									

Compulsory Course	npulsory Courses (70 ECTS credits)											
10-HCI-PRIS-212-	Principles of Ir	nteractive	Syster	ms								
m01	ECTS 5	Duratior	า	1 semester	Method of grading	numerical grade	Modul level	graduate				
	Courses		V (2) +	(2) + Ü (2)								
			Modu	le taught in: Germa	an and/or English							
	Method of ass	essment	a) writ b) ora Langu credita	ו) written examination (approx. 90 minutes) or)) oral examination of one candidate each (approx. 30 minutes) _anguage of assessment: German and/or English creditable for bonus								
10-HCI-3DUI-212-	3D User Interfa	aces										
m01	ECTS 5	Duration	า	1 semester	Method of grading	numerical grade	Modul level	graduate				
	Courses		V (2) + Modu	(2) + Ü (2) Iodule taught in: German and/or English								
	Method of asso	essment	a) pres b) ora Langu credita	a) presentation of project results (approx. 30 minutes) or b) oral examination of one candidate each (approx. 30 minutes) Language of assessment: German and/or English creditable for bonus								
10-HCI-ML-212-	Machine Learning											
m01	ECTS 5	Duration	n 1 semester Method of grading numerical grade Mo			Modul level	graduate					
	Courses		V (2) + Ü (2) Module taught in: German and/or English									
	Method of asso	essment	a) presentation of project results (approx. 30 minutes) or b) oral examination of one candidate each (approx. 30 minutes) Language of assessment: German and/or English creditable for bonus									
10-HCI-MMI-212-	Multimodal Inf	terfaces										
m01	ECTS 5	Duration	า	1 semester	Method of grading	numerical grade	Modul level	graduate				
	Courses		V (2) + Ü (2) Module taught in: German and/or English									
	Method of asso	essment	a) writ b) pre c) oral Langu credita	a) written examination (approx. 90 minutes) or b) presentation of project results (approx. 30 minutes) or c) oral examination of one candidate each (approx. 30 minutes) Language of assessment: German and/or English creditable for bonus								

o6-HCI-TH-	HCI 1	HCI Theories										
Cl-212-m01	ECTS	5 5	Duratio	n	1 semester	Method of grading numerical	l grade	Modul level	graduate			
	Cour	ses	•	S (2)	•			-	•			
	Method of assessment			a) wri b) ora Langi credi	a) written examination (approx. 120 minutes) or b) oral examination of one candidate each (approx. 30 minutes) Language of assessment: German and/or English creditable for bonus							
06-HCI-METH-212-	Adva	anced me	thods of d	ata an	a analysis							
m01	ECTS	5 5	Duratio	n	1 semester	Method of grading numerical	l grade	Modul level	graduate			
	Cour	ses		V/S (2)	· · ·		- -	· ·			
	Meth	nod of as	sessment	a) wri b) ora Langu credi	written examination (approx. 75 minutes) or) oral examination of one candidate each (approx. 30 minutes) anguage of assessment: German and/or English reditable for bonus							
06-HCI-PSY-212-	Psyc	hology o	f Interacti	ve Sys	Systems							
m01	ECTS	5 5	Duratio	n	1 semester	Method of grading numerical	l grade	Modul level	graduate			
	Cour	Courses			-							
	Method of assessment			a) presentation (approx. 30 minutes) with handout (approx. 2 pages) or b) written examination (approx. 90 minutes) or c) oral examination of one candidate each (approx. 30 minutes) Language of assessment: German and/or English creditable for bonus								
06-HCI-MTG-212-	Human-Technology-Society											
m01	ECTS	5 5	Duratio	n	1 semester	Method of grading numerical	l grade	Modul level	graduate			
	Cour	ses		S (2)	S (2)							
	Method of assessment			a) presentation (approx. 25 minutes) or b) term paper (approx. 15 pages) or c) oral examination of one candidate each (approx. 30 minutes) Language of assessment: German and/or English creditable for bonus								
o6-HCI-Proj-152-	HCI F	Project										
m01	ECTS	5 10	Duratio	n	1 semester	Method of grading numerical	l grade	Modul level	graduate			
	Cour	ses		Ü (1)								
	Meth	nod of as	sessment	repor Langu credi	report (approx. 15 pages) Language of assessment: German and/or English creditable for bonus							

Master's with 1 major Human-Computer-Interaction (2021)	JMU Würzburg • generated 30-Mär-2024 • exam. reg. data record 88 g91 - - H 2021	page 4 / 10

o6-HCI-Sem-152-	HCI Ser	minar								
m01	ECTS	5	Duratio	n	1 semester	Method of grading numerical grade	Modul level	graduate		
	Course	S		S (2)	5 (2)					
	Method of assessment			talk (approx. 30 minutes)						
			Language of assessment: German and/or English							
	Evhibit	ion HCI	Project	creat						
hib-152-m01	EXILIDIL		Duration	2	1 comostor	Mathad of grading numerical grade	Madullaval	graduata		
	Courso	5	Duratio			method of grading numerical grade	Modul level			
	Method	5 d of acc	accmont	5 (0.5	ntation of project re	sults (approx 10 minutes)				
	Method	1 01 055	essment	Langu	lage of assessment:	German and/or English				
				credit	creditable for bonus					
o6-HCI-	Scienti	fic Inter	nship							
WPrakt-182-mo1	ECTS	10	Duratio	n	1 semester	Method of grading (not) successfully completed	Modul level	graduate		
	Course	s		P (o)						
	Method	d of asso	essment	repor	t on practical course	(approx. 2 pages)				
				Langu	lage of assessment:	German and/or English				
	Additio	nal Info	rmation	Addit	ional information on	module duration: 8 weeks.				
Compulsory Electiv	ves (20 E	CTS cre	dits)							
06-HCI-ID1-152-	Interdisciplinary Relations 1									
m01	ECTS	5	Duratio	n	1 semester	Method of grading numerical grade	Modul level	graduate		
	Course	S		S (2)						
	Method of assessment			a) wri senta ting e Langu credit	tten examination (a tion of project result xercises or f) oral ex uage of assessment: able for bonus	oprox. 75 minutes) or b) presentation (approx. 20 m is (approx. 20 minutes) or d) term paper (approx. 10 amination (approx. 25 minutes) German and/or English	inutes) with ha pages) or e) a	ndout (approx. 2 pages) or c) pre- total of approx. 5 hours of comple-		
06-HCI-ID2-152-	Interdi	sciplina	ry Relatio	ons 2						
m01	ECTS	5	Duratio	n	1 semester	Method of grading numerical grade	Modul level	graduate		
	Course	S		S (2)						
	Method of assessment			a) wri senta ting e Langu credit	a) written examination (approx. 75 minutes) or b) presentation (approx. 20 minutes) with handout (approx. 2 pages) or c) pre- sentation of project results (approx. 20 minutes) or d) term paper (approx. 10 pages) or e) a total of approx. 5 hours of comple- ting exercises or f) oral examination (approx. 25 minutes) Language of assessment: German and/or English creditable for bonus					

Master's with 1 major Human-Computer-Interaction (2021)	JMU Würzburg • generated 30-Mär-2024 • exam. reg. data record 88 g91 - - H 2021	page 5 / 10

o6-HCI-VH-	Specialisation HCI 1										
Cl-1-152-m01	ECTS 5	Duratio	n	1 semester	Method of grading	numerical grade	Modul level	graduate			
	Courses		S (2)								
	Method of ass	essment	a) wri senta ting e Langu credit	a) written examination (approx. 75 minutes) or b) presentation (approx. 20 minutes) with handout (approx. 2 pages) or c) pre- sentation of project results (approx. 20 minutes) or d) term paper (approx. 10 pages) or e) a total of approx. 5 hours of comple- ting exercises or f) oral examination (approx. 25 minutes) Language of assessment: German and/or English creditable for bonus							
o6-HCI-VH-	Specialisation	HCI 2									
Cl-2-152-m01	ECTS 5	Duratio	n	1 semester	Method of grading	numerical grade	Modul level	graduate			
	Courses		S (2)								
	Method of ass	essment	a) wri senta ting e Langu credit	a) written examination (approx. 75 minutes) or b) presentation (approx. 20 minutes) with handout (approx. 2 pages) or c) pre- sentation of project results (approx. 20 minutes) or d) term paper (approx. 10 pages) or e) a total of approx. 5 hours of comple- ing exercises or f) oral examination (approx. 25 minutes) anguage of assessment: German and/or English creditable for bonus							
10-HCI-AIS1-152-	Advanced Inte	ractive S	ystems	iems							
m01	ECTS 5	Duratio	n	1 semester	Method of grading	numerical grade	Modul level	graduate			
	Courses		S (2)								
	Method of ass	essment	sentation of project results (approx. 20 minutes) or b) presentation (approx. 20 minutes) with handout (approx. 2 pages) or c) pre- sentation of project results (approx. 20 minutes) or d) term paper (approx. 10 pages) or e) a total of approx. 5 hours of comple- ting exercises or f) oral examination (approx. 25 minutes) Language of assessment: German and/or English creditable for bonus								
10-HCI-AIS2-152-	Advanced Interactive Systems 2										
m01	ECTS 5	Duratio	n	1 semester	Method of grading	numerical grade	Modul level	graduate			
	Courses		S (2)								
	Method of ass	essment	a) wri senta ting e Langu credit	a) written examination (approx. 75 minutes) or b) presentation (approx. 20 minutes) with handout (approx. 2 pages) or c) pre- sentation of project results (approx. 20 minutes) or d) term paper (approx. 10 pages) or e) a total of approx. 5 hours of comple- ting exercises or f) oral examination (approx. 25 minutes) Language of assessment: German and/or English creditable for bonus							
06-HCI-UM-152-	Advanced Usa	bility									
m01	ECTS 5	Duratio	n	1 semester	Method of grading	numerical grade	Modul level	graduate			
	Courses		S (2)								
	Method of ass	essment	a) wri senta ting e Langu credit	a) written examination (approx. 75 minutes) or b) presentation (approx. 20 minutes) with handout (approx. 2 pages) or c) pre- sentation of project results (approx. 20 minutes) or d) term paper (approx. 10 pages) or e) a total of approx. 5 hours of comple- ting exercises or f) oral examination (approx. 25 minutes) Language of assessment: German and/or English creditable for bonus							

Master's with 1 major Human-Computer-Interaction (2021) JMU Würzburg • generated 30-Mär-2024 • exam. reg. data record 88|g91|-|-|H|2021 page 6 / 10

06-HCI-HF-152-	Advanced Hum	Advanced Human Factors										
m01	ECTS 5	Duratio	n	1 semester	Method of grading	numerical grade	Modul level	graduate				
	Courses		S (2)					_				
	Method of ass	essment	a) wri senta ting e Langu credit	a) written examination (approx. 75 minutes) or b) presentation (approx. 20 minutes) with handout (approx. 2 pages) or c) pre- sentation of project results (approx. 20 minutes) or d) term paper (approx. 10 pages) or e) a total of approx. 5 hours of comple- ting exercises or f) oral examination (approx. 25 minutes) Language of assessment: German and/or English creditable for bonus								
06-HCI-UX-152-	Advanced Use	r Experie	nce									
m01	ECTS 5	Duratio	n	1 semester	Method of grading	numerical grade	Modul level	graduate				
	Courses		S (2)									
	Method of ass	essment	a) wri senta ting e Langu credit	a) written examination (approx. 75 minutes) or b) presentation (approx. 20 minutes) with handout (approx. 2 pages) or c) pre- sentation of project results (approx. 20 minutes) or d) term paper (approx. 10 pages) or e) a total of approx. 5 hours of comple- ing exercises or f) oral examination (approx. 25 minutes) Language of assessment: German and/or English creditable for bonus								
10-HCI-In-	Computer Scie	ences I - C	oncept	icepts								
f01-152-m01	ECTS 5	Duratio	n	1 semester	Method of grading	numerical grade	Modul level	graduate				
	Courses		S (2)									
	Method of ass	essment	a) written examination (approx. 75 minutes) or b) presentation (approx. 20 minutes) with nandout (approx. 2 pages) of c) pre- sentation of project results (approx. 20 minutes) or d) term paper (approx. 10 pages) or e) a total of approx. 5 hours of comple- ting exercises or f) oral examination (approx. 25 minutes) Language of assessment: German and/or English creditable for bonus									
10-HCI-In-	Computer Science II - Theory											
f02-152-m01	ECTS 5	Duratio	n	1 semester	Method of grading	numerical grade	Modul level	graduate				
	Courses		S (2)	S (2)								
	Method of ass	essment	a) wri senta ting e Langu credit	tten examination (tion of project resu xercises or f) oral e uage of assessmen able for bonus	approx. 75 minutes) c ults (approx. 20 minut examination (approx. t: German and/or Eng	r b) presentation (appr es) or d) term paper (a 25 minutes) ¡lish	rox. 20 minutes) with ha pprox. 10 pages) or e) a	ndout (approx. 2 pages) or c) pre- total of approx. 5 hours of comple-				
10-HCI-In-	Computer Scie	ences III -	Applic	ation								
f03-152-m01	ECTS 5	Duratio	n	1 semester	Method of grading	numerical grade	Modul level	graduate				
	Courses		S (2)									
	Method of ass	essment	a) wri senta ting e Langu credit	ritten examination (approx. 75 minutes) or b) presentation (approx. 20 minutes) with handout (approx. 2 pages) or c) pre- cation of project results (approx. 20 minutes) or d) term paper (approx. 10 pages) or e) a total of approx. 5 hours of comple- exercises or f) oral examination (approx. 25 minutes) guage of assessment: German and/or English litable for bonus								

Master's with 1 major Human-Computer-Interaction (2021) JMU	JMU Würzburg • generated 30-Mär-2024 • exam. reg. data record 88 g91 - - H 2021	page 7 / 10

10-HCI-In-	Compu	iter Scie	ences IV -	Praxis	raxis								
f04-152-m01	ECTS	5	Duratio	n	1 semester	Method of grading nu	merical grade	Modul level	graduate				
	Course	es	<u>.</u>	S (2)			_		<u></u>				
	Metho	d of ass	essment	a) wri senta ting e Langu credit	a) written examination (approx. 75 minutes) or b) presentation (approx. 20 minutes) with handout (approx. 2 pages) or c) pre- sentation of project results (approx. 20 minutes) or d) term paper (approx. 10 pages) or e) a total of approx. 5 hours of comple- ting exercises or f) oral examination (approx. 25 minutes) Language of assessment: German and/or English creditable for bonus								
10-HCI-AK-152-m01	Select	ed Topic	s of Com	puter S	Science								
	ECTS	5	Duratio	n	1 semester	Method of grading nu	merical grade	Modul level	graduate				
	Course	es		S (2)	I				10				
	Metho	d of ass	essment	a) wri senta ting e Langu credit	i) written examination (approx. 75 minutes) or b) presentation (approx. 20 minutes) with handout (approx. 2 pages) or c) pre- centation of project results (approx. 20 minutes) or d) term paper (approx. 10 pages) or e) a total of approx. 5 hours of comple- ing exercises or f) oral examination (approx. 25 minutes) anguage of assessment: German and/or English creditable for bonus								
06-HCI-DTT-152-	Psych	ological	Diagnost	ics and	d Test Theory								
m01	ECTS	5	Duratio	n	1 semester	Method of grading nu	merical grade	Modul level	graduate				
	Course	es		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 allo- cation of places			max. Shou subje	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-	Select	ed Topic	s in Onlir	e and Mobile Communication									
m01	ECTS	5	Duratio	n	1 semester	Method of grading nu	merical grade	Modul level	graduate				
	Course	es		S (2)	•								
	Metho	d of ass	essment	a) written examination (approx. 60 minutes) or b) oral examination of one candidate each (approx. 30 minutes) or c) presenta- tion (15 to 45 minutes) with 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 allo- cation of places			max.	32 places								

Master's with 1 major Human-Computer-Interaction (2021)	JMU Würzburg • generated 30-Mär-2024 • exam. reg. data record 88 g91 - - H 2021	page 8 / 10

06-MK-ME2-182-	Metho	ds 2									
m01	ECTS	5	Duratio	n	1 semester	Method of grading	numerical grade	Modul level	graduate		
	Course	es		S (2)	~						
	Metho	d of asso	essment	a) wri tion (pages Langı credit) written examination (approx. 60 minutes) or b) oral examination of one candidate each (approx. 30 minutes) or c) presenta- on (15 to 45 minutes) with written elaboration (10 to 15 pages) or d) term paper (15 to 20 pages) or e) portfolio (maximum 20 ages) anguage of assessment: German and/or English reditable for bonus						
12-M-UGF3-182-	Digital	Entrepr	eneurshi	p							
m01	ECTS	5	Duratio	n	1 semester	Method of grading	numerical grade	Modul level	graduate		
	Course	es		V (2) Modu	/ (2) + Ü (2) Aodule taught in: English						
	Method of assessment			a) wri prox. Langu	tten examination (a 10 to 15 minutes; gr lage of assessment	pprox. 60 to 120 mini oups of 2: approx. 20 : English	utes) or b) log (15 to 20 pages) o minutes; groups of 3: approx.	or c) oral exami 30 minutes)	ination (one candidate each: ap-		
o6-HCI-Tut-152-	Work e	experien	ce as a re	esearch	and teaching assis	stant					
m01	ECTS 5 Duratio		n	1 semester	Method of grading	(not) successfully completed	Modul level	graduate			
	Course	es		P (o)							
	Metho	d of ass	essment	repor	report (approx. 2 pages)						
06-HCI-GL-1-182-	Foundations of HCI 1										
m01	ECTS	5	Duratio	n	1 semester	Method of grading	(not) successfully completed	Modul level	graduate		
	Course	s		S (2)							
	Metho	d of asso	essment	a) wri senta ting e Langı	a) written examination (approx. 75 minutes) or b) presentation (approx. 20 minutes) with handout (approx. 2 pages) or c) pre- sentation of project results (approx. 20 minutes) or d) term paper (approx. 10 pages) or e) a total of approx. 5 hours of comple- ting exercises or f) oral examination (approx. 25 minutes) Language of assessment: German and/or English						
06-HCI-GL-2-182-	Founda	ations of	f HCl 2								
m01	ECTS 5 Duratio		Duratio	n	1 semester	Method of grading	(not) successfully completed	Modul level	graduate		
	Courses			S (2)							
	Method of assessment			a) wri senta ting e Langı	a) written examination (approx. 75 minutes) or b) presentation (approx. 20 minutes) with handout (approx. 2 pages) or c) pre- sentation of project results (approx. 20 minutes) or d) term paper (approx. 10 pages) or e) a total of approx. 5 hours of comple- ting exercises or f) oral examination (approx. 25 minutes) Language of assessment: German and/or English						

Thesis (30 ECTS credits)									
o6-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					
	Metho	d of asse	essment	written thesis (approx. 50 to 90 pages) Language of assessment: German and/or English					
	Additional Information			Time to complete: 6 months.					