

Module Catalogue

for the Module studies (Bachelor)

Human-Computer Systems

Examination regulations version: 2019 Responsible: Faculty of Human Sciences Responsible: Institute of Human Computer Media

JMU Würzburg • generated 19-Apr-2025 • exam. reg. data record MB|b60|-|-|H|2019



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The subject is divided into

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Abbreviations used

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Course types: \mathbf{E} = field trip, \mathbf{K} = colloquium, \mathbf{O} = conversatorium, \mathbf{P} = placement/lab course, \mathbf{R} = project, \mathbf{S} = seminar, \mathbf{T} = tutorial, $\ddot{\mathbf{U}}$ = 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

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

Notes

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 the 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:

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

15-May-2019 (2019-36) 27-Jun-2019 (2019-41) 14-Nov-2019 (2019-52) 22-Jan-2020 (2020-13) 06-May-2020 (2020-39) 22-Jul-2020 (2020-57) 17-Dec-2020 (2020-110) 10-Mar-2021 (2021-17)

Human-Computer Systems (2019)

09-Jun-2021 (2021-58) 22-Dec-2021 (2021-85) 05-Jul-2022 (2022-52) 31-Jan-2023 (2022-86) 15-Jun-2023 (2023-58) 13-Dec-2023 (2023-107) 07-Aug-2024 (2024-82) 22-Jan-2025 (2025-1)

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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.



Module title				Abbreviation	
Interactive Systems 1					10-MCS-IS1-152-m01
Module	coord	inator		Module offered by	
holder	of the (Chair of Computer Scienc	e IX	Institute of Comput	er Science
ECTS	Metho	od of grading	Only after succ. com	pl. of module(s)	
5	nume	rical grade			
Duratio	n	Module level	Other prerequisites		
1 semes	ster	undergraduate			
Contents					
The mo special a comm me are augmer	dule te focus i ion sys crucial ited re	aches basic requirement is on systems for the real tem in a closed input-ou . Possible examples inclu ality systems.	s, concepts and prac ization of human-con tput loop and require ude classical graphic	tical solutions in the nputer interaction, in ments of different d al interfaces, web-ba	e field of interactive systems. A n which user and computer form egrees of reactivity up to real-ti- ased solutions, and virtual and
Intende	d lear	ning outcomes			
After pa day's co Student active s active s	orticipa ompute ts will l ystems ystems	ting in the module cours er systems with regard to be able to select and eva s development. Furtherm S.	es, students are able their interactivity and luate suitable solutio ore, students are able	to identify basic cap d to derive technical n approaches and to e to develop alternat	babilities and properties of to- measures for their realization. ools for tasks in the field of inter- tive approaches for future inter-
Courses	5 (type, n	umber of weekly contact hours, l	anguage — if other than Ger	man)	
V (2) + 1	Ü (2)				
Method module is	l of ass creditab	e essment (type, scope, langua le for bonus)	ge — if other than German, e	examination offered — if no	t every semester, information on whether
Unless otherwise specified, the following methods can be chosen from for assessment in the specialisations Hu- man-Computer Systems: a) written examination (approx. 90 minutes) or b) presentation (approx. 20 minutes) and handout (approx. 5 pages) or c) presentation of project results (approx. 30 minutes) or d) presentation (approx. 45 minutes) or e) oral examination of one candidate each (approx. 30 minutes) or f) term paper (approx. 10 pages). Language of assessment: German and/or English					
Allocati	ion of p	olaces			
Additional information					
Workload					
Teaching cycle					
Peferre	d to in	e: every semester	fortoophing down a	mmas)	
Reieffe		LFVI (examination regulation:	s for teaching-degree progra	mmes)	
L					

Module title				Abbreviation	
Interactive Systems 2					10-MCS-IS2-152-m01
Module	coord	inator		Module offered by	
holder	of the (Chair of Computer Scienc	e IX	Institute of Comput	er Science
ECTS	Metho	od of grading	Only after succ. com	npl. of module(s)	
5	nume	rical grade			
Duratio	n	Module level	Other prerequisites		
1 semes	ster	undergraduate			
Conten	ts				
The mo special a comm me are augmer	dule te focus i non sys crucial nted re	aches basic requirement is on systems for the real tem in a closed input-ou . Possible examples inclu ality systems.	s, concepts and prac ization of human-con tput loop and require ude classical graphic	tical solutions in the nputer interaction, ir ments of different d al interfaces, web-ba	e field of interactive systems. A n which user and computer form egrees of reactivity up to real-ti- ased solutions, and virtual and
Intende	ed leari	ning outcomes			
After pa day's co Student active s active s	articipa ompute ts will l systems systems	ting in the module course er systems with regard to be able to select and eva s development. Furtherm 5.	es, students are able their interactivity and luate suitable solutio ore, students are able	to identify basic cap d to derive technical on approaches and to e to develop alternat	babilities and properties of to- measures for their realization. ools for tasks in the field of inter- tive approaches for future inter-
Courses	S (type, n	umber of weekly contact hours, l	anguage — if other than Ger	man)	
V (2)					
Method module is	l of ass creditab	essment (type, scope, langua le for bonus)	ge — if other than German, e	examination offered — if no	ot every semester, information on whether
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Allocati	ion of p	olaces			
Additio	nal inf	ormation			
Worklo	Workload				
150 h					
Teaching cycle					
Poforro	leaching cycle: every semester				
Relefte		LFUI (examination regulations	s for teaching-degree progra	mmes)	

Module title				Abbreviation	
Interactive Systems 3					10-MCS-IS3-152-m01
Module	coord	inator		Module offered by	
holder	of the (Chair of Computer Scienc	e IX	Institute of Comput	er Science
ECTS	Metho	od of grading	Only after succ. com	pl. of module(s)	
5	nume	rical grade		• • • •	
Duratio	n	Module level	Other prerequisites		
1 seme	ster	undergraduate			
Contents					
The mo special a comm me are augmer	dule te focus i ion sys crucial ited re	aches basic requirement s on systems for the real tem in a closed input-ou . Possible examples inclu ality systems.	s, concepts and prac ization of human-con tput loop and require ude classical graphic	tical solutions in the nputer interaction, in ments of different d al interfaces, web-ba	e field of interactive systems. A n which user and computer form egrees of reactivity up to real-ti- ased solutions, and virtual and
Intende	ed learn	ning outcomes			
After pa day's co Studen active s active s	articipa ompute ts will l systems systems	ting in the module course er systems with regard to be able to select and eva s development. Furtherm 5.	es, students are able their interactivity and luate suitable solutio ore, students are able	to identify basic cap d to derive technical on approaches and to e to develop alternat	babilities and properties of to- measures for their realization. ools for tasks in the field of inter- tive approaches for future inter-
Course	S (type, n	umber of weekly contact hours, l	anguage — if other than Ger	man)	
R (2)					
Methoo module is	l of ass creditab	essment (type, scope, langua le for bonus)	ge — if other than German, e	examination offered — if no	ot every semester, information on whether
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Allocat	ion of p	olaces			
Additional information					
Workload					
Teaching cycle					
Poforra	leaching cycle: every semester				
Reierre		LFUI (examination regulations	s for teaching-degree progra	mmes)	



Module title				Abbreviation	
Interactive Systems 1					10-MCS-IS1-152-m01
Module	coord	inator		Module offered by	
holder	of the (Chair of Computer Scienc	e IX	Institute of Comput	er Science
ECTS	Metho	od of grading	Only after succ. com	pl. of module(s)	
5	nume	rical grade			
Duratio	n	Module level	Other prerequisites		
1 semes	ster	undergraduate			
Contents					
The mo special a comm me are augmer	dule te focus i ion sys crucial ited re	aches basic requirement is on systems for the real tem in a closed input-ou . Possible examples inclu ality systems.	s, concepts and prac ization of human-con tput loop and require ude classical graphic	tical solutions in the nputer interaction, in ments of different d al interfaces, web-ba	e field of interactive systems. A n which user and computer form egrees of reactivity up to real-ti- ased solutions, and virtual and
Intende	d lear	ning outcomes			
After pa day's co Student active s active s	orticipa ompute ts will l ystems ystems	ting in the module cours er systems with regard to be able to select and eva s development. Furtherm S.	es, students are able their interactivity and luate suitable solutio ore, students are able	to identify basic cap d to derive technical n approaches and to e to develop alternat	babilities and properties of to- measures for their realization. ools for tasks in the field of inter- tive approaches for future inter-
Courses	5 (type, n	umber of weekly contact hours, l	anguage — if other than Ger	man)	
V (2) + 1	Ü (2)				
Method module is	l of ass creditab	e essment (type, scope, langua le for bonus)	ge — if other than German, e	examination offered — if no	t every semester, information on whether
Unless otherwise specified, the following methods can be chosen from for assessment in the specialisations Hu- man-Computer Systems: a) written examination (approx. 90 minutes) or b) presentation (approx. 20 minutes) and handout (approx. 5 pages) or c) presentation of project results (approx. 30 minutes) or d) presentation (approx. 45 minutes) or e) oral examination of one candidate each (approx. 30 minutes) or f) term paper (approx. 10 pages). Language of assessment: German and/or English					
Allocati	ion of p	olaces			
Additional information					
Workload					
Teaching cycle					
Peferre	d to in	e: every semester	fortoophing down a	mmas)	
Reieffe		LFVI (examination regulation:	s for teaching-degree progra	mmes)	
L					

Module title				Abbreviation	
Interact	ive Sy	stems 2			10-MCS-IS2-152-m01
Module coordinator				Module offered by	
holder c	of the C	Chair of Computer Scienc	e IX	Institute of Comput	er Science
ECTS	Metho	od of grading	Only after succ. com	pl. of module(s)	
5	numer	rical grade			
Duratio	n	Module level	Other prerequisites		
1 semes	ster	undergraduate			
Content	S				
The mod special a comm me are d augmen	dule te focus i on sys crucial ited rea	aches basic requirement s on systems for the real tem in a closed input-ou . Possible examples inclu ality systems.	s, concepts and prac ization of human-con tput loop and require ude classical graphic	tical solutions in the nputer interaction, in ments of different d al interfaces, web-ba	e field of interactive systems. A n which user and computer form egrees of reactivity up to real-ti- ased solutions, and virtual and
Intende	d learr	ning outcomes			
After pa day's co Student active sy active sy	rticipa mpute s will b ystems ystems	ting in the module course er systems with regard to be able to select and eva 5 development. Furtherm 5.	es, students are able their interactivity and luate suitable solutio ore, students are able	to identify basic cap d to derive technical on approaches and to e to develop alternat	babilities and properties of to- measures for their realization. ools for tasks in the field of inter- tive approaches for future inter-
Courses	(type, n	umber of weekly contact hours, l	anguage — if other than Ger	man)	
V (2)					
Method module is	of ass	essment (type, scope, langua le for bonus)	ge — if other than German, e	examination offered — if no	t every semester, information on whether
Unless otherwise specified, the following methods can be chosen from for assessment in the specialisations Hu- man-Computer Systems: a) written examination (approx. 90 minutes) or b) presentation (approx. 20 minutes) and handout (approx. 5 pages) or c) presentation of project results (approx. 30 minutes) or d) presentation (approx. 45 minutes) or e) oral examination of one candidate each (approx. 30 minutes) or f) term paper (approx. 10 pages). Language of assessment: German and/or English					
Allocati	on of p	olaces			
Additional information					
Workload					
150 h					
Teaching cycle					
Teachin	Teaching cycle: every semester				
Referred	d to in	LPOI (examination regulations	s for teaching-degree progra	mmes)	

Module title				Abbreviation	
Interact	ive Sy	stems 3			10-MCS-IS3-152-m01
Module coordinator				Module offered by	
holder	of the C	Chair of Computer Scienc	e IX	Institute of Comput	er Science
ECTS	Metho	od of grading	Only after succ. com	pl. of module(s)	
5	numei	rical grade			
Duratio	n	Module level	Other prerequisites		
1 semes	ster	undergraduate			
Content	ts				
The mo special a comm me are augmer	dule te focus i ion sys crucial nted rea	aches basic requirement s on systems for the real tem in a closed input-ou . Possible examples inclu ality systems.	s, concepts and prac ization of human-con tput loop and require ude classical graphic	tical solutions in the nputer interaction, in ments of different d al interfaces, web-ba	e field of interactive systems. A n which user and computer form egrees of reactivity up to real-ti- ased solutions, and virtual and
Intende	d learr	ning outcomes			
After pa day's co Student active s active s	rticipa ompute ts will b ystems ystems	ting in the module course er systems with regard to be able to select and eva 5 development. Furtherm 5.	es, students are able their interactivity and luate suitable solutio ore, students are able	to identify basic cap d to derive technical on approaches and to e to develop alternat	babilities and properties of to- measures for their realization. ools for tasks in the field of inter- tive approaches for future inter-
Courses	5 (type, n	umber of weekly contact hours, l	anguage — if other than Ger	man)	
R (2)					
Method module is	l of ass creditab	essment (type, scope, langua le for bonus)	ge — if other than German, e	examination offered — if no	t every semester, information on whether
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Allocati	on of p	olaces			
Additio	nal info	ormation			
Workload					
150 h					
Teaching cycle					
Teachin	Teaching cycle: every semester				
Referre	d to in	LPOI (examination regulations	s for teaching-degree progra	mmes)	



Module title Abbreviation				Abbreviation	
Specialization MCS 1					06-MCS-V1-152-m01
Module	coord	inator		Module offered by	·
chairpe lor's de man-Co	rson of gree pi ompute	f examination committee rogramme Mensch-Comp r Systems)	of the Bache- uter-Systeme (Hu-	Institute of Human	Computer Media
ECTS	Metho	od of grading	Only after succ. com	npl. of module(s)	
5	nume	rical grade			
Duratio	n	Module level	Other prerequisites		
1 semes	ster	undergraduate			
Conten	ts				
In this r de, whi teractio phy, etc	nodule ch exp n desig	e, the contents of the deg and and deepen the skill gn, sociology of technolo	ree courses are deep s already acquired, e gy, psychology, comp	ened and references .g. media communic outer science, muse	s to neighboring sciences are ma- cation, business informatics, in- ology, digital humanities, geogra-
Intende	ed learr	ning outcomes			
After pa their ow tence, c coopera	articipa vn subj commu ation.	ting in this module, stud ect as well as in related f nicative competence, co	ents will be able to n fields of science and operation skills and t	ame and explain typ application. They de he ability to deal wit	ical problems and methods in velop methodological compe- th conflicts in interdisciplinary
Courses	S (type, n	umber of weekly contact hours, l	anguage — if other than Ger	man)	
S (2)					
Method module is	l of ass creditab	t essment (type, scope, langua le for bonus)	ge — if other than German, e	examination offered — if no	ot every semester, information on whether
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Allocati	ion of p	olaces			
Additio	nal inf	ormation			
Workload					
150 h					
Teaching cycle					
Teaching cycle: every semester					
Referre	d to in	LPOI (examination regulations	s for teaching-degree progra	mmes)	

Module title Abbreviation					Abbreviation
Specialization MCS 2					06-MCS-V2-152-m01
Module	coord	inator		Module offered by	1
chairpe lor's de man-Co	erson of gree pr ompute	f examination committee rogramme Mensch-Comp r Systems)	of the Bache- uter-Systeme (Hu-	Institute of Human	Computer Media
ECTS	Metho	od of grading	Only after succ. com	npl. of module(s)	
5	nume	rical grade			
Duratio	n	Module level	Other prerequisites		
1 seme	ster	undergraduate			
Conten	ts				
In this r de, whi teractio phy, etc	nodule ch expa n desig c.	e, the contents of the deg and and deepen the skill gn, sociology of technolo	ree courses are deep s already acquired, e gy, psychology, comp	ened and references .g. media communic puter science, muse	s to neighboring sciences are ma- cation, business informatics, in- ology, digital humanities, geogra-
Intende	ed learr	ning outcomes			
After pa their ov tence, c coopera	articipa vn subj commu ation.	ting in this module, stud ect as well as in related f nicative competence, co	ents will be able to n ields of science and operation skills and t	ame and explain typ application. They de he ability to deal wit	ical problems and methods in evelop methodological compe- th conflicts in interdisciplinary
Course	S (type, n	umber of weekly contact hours, l	anguage — if other than Ger	man)	
V (2) +	Ü (1)				
Methoo module is	l of ass creditab	e essment (type, scope, langua le for bonus)	ge — if other than German, e	examination offered — if no	ot every semester, information on whether
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Allocat	ion of p	olaces			
Additio	nal info	ormation			
Workload					
150 h					
Teaching cycle					
Teaching cycle: every semester					
Referre	d to in	LPO I (examination regulations	s for teaching-degree progra	mmes)	



Module title Abbreviation				Abbreviation	
Specialization MCS 1					06-MCS-V1-152-m01
Module	coord	inator		Module offered by	
chairpe lor's de man-Co	rson o gree pi ompute	f examination committee rogramme Mensch-Comp r Systems)	of the Bache- uter-Systeme (Hu-	Institute of Human	Computer Media
ECTS	Metho	od of grading	Only after succ. com	npl. of module(s)	
5	nume	rical grade			
Duratio	n	Module level	Other prerequisites		
1 semes	ster	undergraduate			
Conten	ts				
In this r de, whi teractio phy, etc	nodule ch exp n desig	e, the contents of the deg and and deepen the skill gn, sociology of technolo	ree courses are deep s already acquired, e gy, psychology, comp	ened and references .g. media communic puter science, muse	s to neighboring sciences are ma- cation, business informatics, in- ology, digital humanities, geogra-
Intende	ed learn	ning outcomes			
After pa their ow tence, c coopera	articipa vn subj commu ation.	ting in this module, stud ect as well as in related f nicative competence, co	ents will be able to n ields of science and operation skills and t	ame and explain typ application. They de he ability to deal wit	ical problems and methods in velop methodological compe- th conflicts in interdisciplinary
Courses	S (type, n	umber of weekly contact hours, l	anguage — if other than Ger	rman)	
S (2)					
Method module is	l of ass creditab	s essment (type, scope, langua le for bonus)	ge — if other than German, e	examination offered — if no	ot every semester, information on whether
Unless otherwise specified, the following methods can be chosen from for assessment in the specialisations Hu- man-Computer Systems: a) written examination (approx. 90 minutes) or b) presentation (approx. 20 minutes) and handout (approx. 5 pages) or c) presentation of project results (approx. 30 minutes) or d) presentation (approx. 45 minutes) or e) oral examination of one candidate each (approx. 30 minutes) or f) term paper (approx. 10 pages). Language of assessment: German and/or English					
Allocati	ion of p	olaces			
Additio	nal inf	ormation			
Workload					
150 h					
Teaching cycle					
Teaching cycle: every semester					
Referre	d to in	LPO I (examination regulations	s for teaching-degree progra	mmes)	

Module title				Abbreviation	
Specialization MCS 2					06-MCS-V2-152-m01
Module coordinator				Module offered by	
chairpe lor's de man-Co	erson of gree pr ompute	f examination committee rogramme Mensch-Comp r Systems)	of the Bache- uter-Systeme (Hu-	Institute of Human	Computer Media
ECTS	Metho	od of grading	Only after succ. com	pl. of module(s)	
5	nume	rical grade			
Duratio	n	Module level	Other prerequisites		
1 seme	ster	undergraduate			
Conten	ts				
In this r de, whi teractio phy, etc	nodule ch exp on designer.	e, the contents of the deg and and deepen the skill gn, sociology of technolo	ree courses are deep s already acquired, e gy, psychology, comp	ened and references .g. media communic outer science, muse	s to neighboring sciences are ma- cation, business informatics, in- ology, digital humanities, geogra-
Intende	ed learı	ning outcomes			
After pa their ov tence, c coopera	articipa vn subj commu ation.	ting in this module, stud ect as well as in related f nicative competence, co	ents will be able to n ields of science and operation skills and t	ame and explain typ application. They de he ability to deal wit	ical problems and methods in evelop methodological compe- th conflicts in interdisciplinary
Course	S (type, n	umber of weekly contact hours, l	anguage — if other than Ger	man)	
V (2) +	Ü (1)				
Methoo module is	l of ass creditab	s essment (type, scope, langua le for bonus)	ge — if other than German, e	examination offered — if no	ot every semester, information on whether
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Allocat	ion of p	olaces			
Additional information					
Workload					
150 h					
Teaching cycle					
Teaching cycle: every semester					
Referre	d to in	LPO I (examination regulations	s for teaching-degree progra	mmes)	



Module title Abbreviation					Abbreviation	
Special	ization	MCS 1			06-MCS-V1-152-m01	
Module	coord	inator		Module offered by	·	
chairpe lor's de man-Co	rson of gree pi ompute	f examination committee rogramme Mensch-Comp r Systems)	of the Bache- uter-Systeme (Hu-	Institute of Human	Computer Media	
ECTS	Metho	od of grading	Only after succ. com	npl. of module(s)		
5	nume	rical grade				
Duratio	n	Module level	Other prerequisites			
1 semes	ster	undergraduate				
Conten	ts					
In this r de, whi teractio phy, etc	nodule ch exp n desig	e, the contents of the deg and and deepen the skill gn, sociology of technolo	ree courses are deep s already acquired, e gy, psychology, comp	ened and references .g. media communic outer science, muse	s to neighboring sciences are ma- cation, business informatics, in- ology, digital humanities, geogra-	
Intende	ed learr	ning outcomes				
After pa their ow tence, c coopera	articipa vn subj commu ation.	ting in this module, stud ect as well as in related f nicative competence, co	ents will be able to n fields of science and operation skills and t	ame and explain typ application. They de he ability to deal wit	ical problems and methods in velop methodological compe- th conflicts in interdisciplinary	
Courses	S (type, n	umber of weekly contact hours, l	anguage — if other than Ger	man)		
S (2)						
Method module is	l of ass creditab	t essment (type, scope, langua le for bonus)	ge — if other than German, e	examination offered — if no	ot every semester, information on whether	
Unless man-Co a) writte b) prese c) prese d) prese e) oral e f) term Langua credital	otherw ompute en exar entatio entatio entatio examin paper (ge of a ble for	ise specified, the followi r Systems: nination (approx. 90 min n (approx. 20 minutes) a n of project results (appro n (approx. 45 minutes) o ation of one candidate e (approx. 10 pages). ssessment: German and, bonus	ng methods can be c utes) or nd handout (approx. ox. 30 minutes) or r ach (approx. 30 minu ⁄or English	hosen from for asse 5 pages) or Ites) or	ssment in the specialisations Hu-	
Allocati	ion of p	olaces				
Additio	nal inf	ormation				
Worklo	Workload					
150 h						
Teachir	ng cycl	9				
Teachir	ng cycle	e: every semester				
Referre	d to in	LPOI (examination regulations	s for teaching-degree progra	mmes)		

Module title Abbreviation					Abbreviation
Specialization MCS 2					06-MCS-V2-152-m01
Module	coord	inator		Module offered by	
chairpe lor's de man-Co	rson ol gree pi mpute	f examination committee rogramme Mensch-Comp r Systems)	of the Bache- uter-Systeme (Hu-	Institute of Human	Computer Media
ECTS	Metho	od of grading	Only after succ. com	pl. of module(s)	
5	nume	rical grade			
Duratio	n	Module level	Other prerequisites		
1 semes	ster	undergraduate			
Conten	ts				
In this r de, whi teractio phy, etc	nodule ch exp n desig	e, the contents of the deg and and deepen the skill gn, sociology of technolo	ree courses are deep s already acquired, e gy, psychology, comp	ened and references .g. media communic outer science, muse	s to neighboring sciences are ma- cation, business informatics, in- ology, digital humanities, geogra-
Intende	d lear	ning outcomes			
After pa their ow tence, c coopera	articipa vn subj commu ation.	ting in this module, stud ect as well as in related f nicative competence, co	ents will be able to n ïelds of science and operation skills and t	ame and explain typ application. They de he ability to deal wit	ical problems and methods in evelop methodological compe- th conflicts in interdisciplinary
Courses	5 (type, n	umber of weekly contact hours, l	anguage — if other than Ger	man)	
V (2) + l	Ü (1)				
Method module is	l of ass creditab	s essment (type, scope, langua le for bonus)	ge — if other than German, e	examination offered — if no	ot every semester, information on whether
Unless man-Co a) writte b) prese c) prese d) prese e) oral e f) term Langua credital	otherw mpute en exar entatio entatio entatio examin paper (ge of a ole for	ise specified, the followi r Systems: nination (approx. 90 min n (approx. 20 minutes) a n of project results (appro n (approx. 45 minutes) of ation of one candidate es approx. 10 pages). ssessment: German and/ bonus	ng methods can be c utes) or nd handout (approx. ox. 30 minutes) or r ach (approx. 30 minu ′or English	hosen from for asses 5 pages) or Ites) or	ssment in the specialisations Hu-
Allocati	ion of p	olaces			
Additio	nal inf	ormation			
Worklo	Workload				
150 h	150 h				
Teachir	ig cycl	e			
Teachir	ıg cycle	e: every semester			
Referre	d to in	LPOI (examination regulations	s for teaching-degree progra	mmes)	



Module	Module title Abbreviation					
Measur	rement	and Analysis of Structur	n	06-MK-MASSI-212-m01		
Module coordinator				Module offered by		
holder	of the (Chair of Media Psycholog	y	Chair of Media Psyc	chology	
ECTS	Metho	od of grading	Only after succ. com	npl. of module(s)		
4	(not) s	successfully completed				
Duratio	n	Module level	Other prerequisites			
1 semes	ster	undergraduate				
Conten	ts					
Intende	ed learn	ning outcomes				
Course	S (type, n	umber of weekly contact hours, l	anguage — if other than Ger	rman)		
S (2)						
Module	e taugh	t in: English				
Method module is	creditab	s essment (type, scope, langua le for bonus)	ge — if other than German, e	examination offered — if no	ot every semester, information on whether	
a) writte b) oral e c) term d) portf Langua	en exar examin paper folio (aj ge of a	nination (approx. 45 min ation of one candidate e (10 to 12 pages) or oprox. 13 pages) ssessment: English	utes) or ach (approx. 15 minu	tes) or		
Allocati	ion of p	olaces				
Only ap If the nu the prog terward	oplies to umber gress o Is will b	o ASQ-Pool: max. 5 of applicants exceeds the f their studies (number o be raffled in the replacem	e number of available f semesters). If there ent procedure.	e places, participant is a tie, the lot deci	s will be selected according to des. Places that become free af-	
Additio	nal inf	ormation				
Workload						
120 h						
Teaching cycle						
Referre	d to in	LPO I (examination regulations	s for teaching-degree progra	mmes)		

Module title Abbreviation					Abbreviation	
Special	ization	MCS 1			06-MCS-V1-152-m01	
Module	coord	inator		Module offered by	·	
chairpe lor's de man-Co	rson of gree pi ompute	f examination committee rogramme Mensch-Comp r Systems)	of the Bache- uter-Systeme (Hu-	Institute of Human	Computer Media	
ECTS	Metho	od of grading	Only after succ. com	npl. of module(s)		
5	nume	rical grade				
Duratio	n	Module level	Other prerequisites			
1 semes	ster	undergraduate				
Conten	ts					
In this r de, whi teractio phy, etc	nodule ch exp n desig	e, the contents of the deg and and deepen the skill gn, sociology of technolo	ree courses are deep s already acquired, e gy, psychology, comp	ened and references .g. media communic outer science, muse	s to neighboring sciences are ma- cation, business informatics, in- ology, digital humanities, geogra-	
Intende	ed learr	ning outcomes				
After pa their ow tence, c coopera	articipa vn subj commu ation.	ting in this module, stud ect as well as in related f nicative competence, co	ents will be able to n fields of science and operation skills and t	ame and explain typ application. They de he ability to deal wit	ical problems and methods in velop methodological compe- th conflicts in interdisciplinary	
Courses	S (type, n	umber of weekly contact hours, l	anguage — if other than Ger	man)		
S (2)						
Method module is	l of ass creditab	t essment (type, scope, langua le for bonus)	ge — if other than German, e	examination offered — if no	ot every semester, information on whether	
Unless man-Co a) writte b) prese c) prese d) prese e) oral e f) term Langua credital	otherw ompute en exar entatio entatio entatio examin paper (ge of a ble for	ise specified, the followi r Systems: nination (approx. 90 min n (approx. 20 minutes) a n of project results (appro n (approx. 45 minutes) o ation of one candidate e (approx. 10 pages). ssessment: German and, bonus	ng methods can be c utes) or nd handout (approx. ox. 30 minutes) or r ach (approx. 30 minu ⁄or English	hosen from for asse 5 pages) or Ites) or	ssment in the specialisations Hu-	
Allocati	ion of p	olaces				
Additio	nal inf	ormation				
Worklo	Workload					
150 h						
Teachir	ng cycl	e				
Teachir	ng cycle	e: every semester				
Referre	d to in	LPOI (examination regulations	s for teaching-degree progra	mmes)		

Module title Abbreviation					Abbreviation	
Specialization MCS 2					06-MCS-V2-152-m01	
Module	coord	inator		Module offered by		
chairpe lor's de man-Co	erson of gree pr ompute	f examination committee rogramme Mensch-Comp r Systems)	of the Bache- uter-Systeme (Hu-	Institute of Human	Computer Media	
ECTS	Metho	od of grading	Only after succ. com	pl. of module(s)		
5	nume	rical grade				
Duratio	n	Module level	Other prerequisites			
1 seme	ster	undergraduate				
Conten	ts					
In this r de, whi teractio phy, etc	nodule ch exp on designer.	e, the contents of the deg and and deepen the skill gn, sociology of technolo	ree courses are deep s already acquired, e gy, psychology, comp	ened and references .g. media communic outer science, muse	s to neighboring sciences are ma- cation, business informatics, in- ology, digital humanities, geogra-	
Intende	ed learı	ning outcomes				
After pa their ov tence, c coopera	articipa vn subj commu ation.	ting in this module, stud ect as well as in related f nicative competence, co	ents will be able to n ields of science and operation skills and t	ame and explain typ application. They de he ability to deal wit	ical problems and methods in evelop methodological compe- th conflicts in interdisciplinary	
Course	S (type, n	umber of weekly contact hours, l	anguage — if other than Ger	man)		
V (2) +	Ü (1)					
Methoo module is	l of ass creditab	s essment (type, scope, langua le for bonus)	ge — if other than German, e	examination offered — if no	ot every semester, information on whether	
Unless man-Cc a) writte b) prese c) prese d) prese e) oral e f) term Langua credital	otherw ompute en exar entatio entatio examin paper (ge of a ble for	ise specified, the followi r Systems: nination (approx. 90 min n (approx. 20 minutes) a n of project results (appro n (approx. 45 minutes) o ation of one candidate e (approx. 10 pages). ssessment: German and, bonus	ng methods can be c utes) or nd handout (approx. ox. 30 minutes) or r ach (approx. 30 minu ⁄or English	hosen from for asses 5 pages) or Ites) or	ssment in the specialisations Hu-	
Allocat	ion of p	olaces				
Additio	nal inf	ormation				
Worklo	Workload					
150 h						
Teachir	ng cycl	9				
Teachir	ng cycle	e: every semester				
Referre	d to in	LPO I (examination regulations	s for teaching-degree progra	mmes)		



Module title				Abbreviation		
Measurement and Analysis of Structure in Social Interaction			n	06-MK-MASSI-212-m01		
Module	coord	inator		Module offered by		
holder o	of the C	hair of Media Psycholog	y	Chair of Media Psyc	chology	
ECTS	Metho	od of grading	Only after succ. com	pl. of module(s)		
4	(not) s	successfully completed				
Duratio	n	Module level	Other prerequisites			
1 semes	ster	undergraduate				
Content	S					
Intende	d learr	ning outcomes				
Courses	i (type, n	umber of weekly contact hours, l	anguage — if other than Ger	man)		
S (2)						
Module	taugh	t in: English				
Method module is	of ass creditab	r essment (type, scope, langua le for bonus)	ge — if other than German, e	examination offered — if no	ot every semester, information on whether	
a) writte b) oral e c) term p d) portfo Languag	en exar examin paper olio (ap ge of a	nination (approx. 45 min ation of one candidate e (10 to 12 pages) or oprox. 13 pages) ssessment: English	utes) or ach (approx. 15 minu	tes) or		
Allocati	on of p	olaces				
Only app If the nu the prog terwards	plies to umber gress o s will b	o ASQ-Pool: max. 5 of applicants exceeds the f their studies (number o be raffled in the replacem	e number of available f semesters). If there ent procedure.	e places, participant is a tie, the lot decio	s will be selected according to des. Places that become free af-	
Addition	nal info	ormation				
Workloa	Workload					
120 h	120 h					
Teachin	Teaching cycle					
Referred	d to in	LPO I (examination regulations	s for teaching-degree progra	mmes)		

Module title Abbreviation					Abbreviation	
Special	ization	MCS 1			06-MCS-V1-152-m01	
Module	coord	inator		Module offered by	·	
chairpe lor's de man-Co	rson of gree pi ompute	f examination committee rogramme Mensch-Comp r Systems)	of the Bache- uter-Systeme (Hu-	Institute of Human	Computer Media	
ECTS	Metho	od of grading	Only after succ. com	npl. of module(s)		
5	nume	rical grade				
Duratio	n	Module level	Other prerequisites			
1 semes	ster	undergraduate				
Conten	ts					
In this r de, whi teractio phy, etc	nodule ch exp n desig	e, the contents of the deg and and deepen the skill gn, sociology of technolo	ree courses are deep s already acquired, e gy, psychology, comp	ened and references .g. media communic outer science, muse	s to neighboring sciences are ma- cation, business informatics, in- ology, digital humanities, geogra-	
Intende	ed learr	ning outcomes				
After pa their ow tence, c coopera	articipa vn subj commu ation.	ting in this module, stud ect as well as in related f nicative competence, co	ents will be able to n fields of science and operation skills and t	ame and explain typ application. They de he ability to deal wit	ical problems and methods in velop methodological compe- th conflicts in interdisciplinary	
Courses	S (type, n	umber of weekly contact hours, l	anguage — if other than Ger	man)		
S (2)						
Method module is	l of ass creditab	t essment (type, scope, langua le for bonus)	ge — if other than German, e	examination offered — if no	ot every semester, information on whether	
Unless man-Co a) writte b) prese c) prese d) prese e) oral e f) term Langua credital	otherw ompute en exar entatio entatio entatio examin paper (ge of a ble for	ise specified, the followi r Systems: nination (approx. 90 min n (approx. 20 minutes) a n of project results (appro n (approx. 45 minutes) o ation of one candidate e (approx. 10 pages). ssessment: German and, bonus	ng methods can be c utes) or nd handout (approx. ox. 30 minutes) or r ach (approx. 30 minu ⁄or English	hosen from for asse 5 pages) or Ites) or	ssment in the specialisations Hu-	
Allocati	ion of p	olaces				
Additio	nal inf	ormation				
Worklo	Workload					
150 h						
Teachir	ng cycl	e				
Teachir	ng cycle	e: every semester				
Referre	d to in	LPOI (examination regulations	s for teaching-degree progra	mmes)		

Module title Abbreviation					Abbreviation	
Specialization MCS 2					06-MCS-V2-152-m01	
Module coordinator				Module offered by		
chairpe lor's de man-Co	rson of gree pi mpute	f examination committee rogramme Mensch-Comp r Systems)	of the Bache- uter-Systeme (Hu-	Institute of Human	Computer Media	
ECTS	Metho	od of grading	Only after succ. com	pl. of module(s)		
5	nume	rical grade				
Duratio	n	Module level	Other prerequisites			
1 semes	ster	undergraduate				
Conten	ts					
In this r de, whi teractio phy, etc	nodule ch exp n desig c.	e, the contents of the deg and and deepen the skill gn, sociology of technolo	ree courses are deep s already acquired, e gy, psychology, comp	ened and references .g. media communic outer science, mused	s to neighboring sciences are ma- ation, business informatics, in- ology, digital humanities, geogra-	
Intende	ed learr	ning outcomes				
After pa their ow tence, c coopera	articipa vn subj commu ation.	ting in this module, stud ect as well as in related f nicative competence, co	ents will be able to n ïelds of science and operation skills and t	ame and explain typ application. They de he ability to deal wit	ical problems and methods in velop methodological compe- th conflicts in interdisciplinary	
Courses	5 (type, n	umber of weekly contact hours, l	anguage — if other than Ger	man)		
V (2) + l	Ü (1)					
Method module is	l of ass creditab	s essment (type, scope, langua le for bonus)	ge — if other than German, e	examination offered — if no	t every semester, information on whether	
Unless man-Co a) writte b) prese c) prese d) prese e) oral e f) term Langua credital	otherw ompute en exar entatio entatio entatio examin paper (ge of a ole for	ise specified, the followi r Systems: nination (approx. 90 min n (approx. 20 minutes) a n of project results (appro n (approx. 45 minutes) of ation of one candidate es (approx. 10 pages). ssessment: German and/ bonus	ng methods can be c utes) or nd handout (approx. ox. 30 minutes) or r ach (approx. 30 minu ′or English	hosen from for asses 5 pages) or tes) or	ssment in the specialisations Hu-	
Allocati	ion of p	olaces				
Additio	nal inf	ormation				
Worklo	ad					
150 h						
Teachir	ng cycl	9				
Teachir	ig cycle	e: every semester				
Referre	d to in	LPO I (examination regulations	s for teaching-degree progra	mmes)		



Module title Abbreviation					Abbreviation	
Measu	rement	and Analysis of Structur	e in Social Interactio	n	o6-MK-MASSI-212-mo1	
Module	e coord	inator		Module offered by		
holder	of the (Chair of Media Psycholog	у	Chair of Media Psyc	chology	
ECTS	Metho	od of grading	Only after succ. com	pl. of module(s)		
4	(not) s	successfully completed				
Duratio	n	Module level	Other prerequisites			
1 seme	ster	undergraduate				
Conten	ts					
Intende	ed leari	ning outcomes				
Course	S (type, n	umber of weekly contact hours, l	anguage — if other than Ger	man)		
S (2)						
Module	e taugh	t in: English				
Methoo module is	d of ass creditab	s essment (type, scope, langua le for bonus)	ge — if other than German, e	examination offered — if no	ot every semester, information on whether	
a) writte b) oral c) term d) portf Langua	en exar examin paper folio (a ge of a	nination (approx. 45 min ation of one candidate e (10 to 12 pages) or oprox. 13 pages) ssessment: English	utes) or ach (approx. 15 minu	tes) or		
Allocat	ion of p	olaces				
Only ap If the nu the pro terward	oplies t umber gress c Is will t	o ASQ-Pool: max. 5 of applicants exceeds the f their studies (number o be raffled in the replacem	e number of available f semesters). If there ent procedure.	e places, participant is a tie, the lot decio	s will be selected according to des. Places that become free af-	
Additio	nal inf	ormation				
Worklo	Workload					
120 h	120 h					
Teachir	Teaching cycle					
Referre	d to in	LPO I (examination regulations	s for teaching-degree progra	mmes)		

Module title Abbreviation					Abbreviation	
Special	ization	MCS 1			06-MCS-V1-152-m01	
Module	coord	inator		Module offered by	·	
chairpe lor's de man-Co	rson of gree pi ompute	f examination committee rogramme Mensch-Comp r Systems)	of the Bache- uter-Systeme (Hu-	Institute of Human	Computer Media	
ECTS	Metho	od of grading	Only after succ. com	npl. of module(s)		
5	nume	rical grade				
Duratio	n	Module level	Other prerequisites			
1 semes	ster	undergraduate				
Conten	ts					
In this r de, whi teractio phy, etc	nodule ch exp n desig	e, the contents of the deg and and deepen the skill gn, sociology of technolo	ree courses are deep s already acquired, e gy, psychology, comp	ened and references .g. media communic outer science, muse	s to neighboring sciences are ma- cation, business informatics, in- ology, digital humanities, geogra-	
Intende	ed learr	ning outcomes				
After pa their ow tence, c coopera	articipa vn subj commu ation.	ting in this module, stud ect as well as in related f nicative competence, co	ents will be able to n fields of science and operation skills and t	ame and explain typ application. They de he ability to deal wit	ical problems and methods in velop methodological compe- th conflicts in interdisciplinary	
Courses	S (type, n	umber of weekly contact hours, l	anguage — if other than Ger	man)		
S (2)						
Method module is	l of ass creditab	t essment (type, scope, langua le for bonus)	ge — if other than German, e	examination offered — if no	ot every semester, information on whether	
Unless man-Co a) writte b) prese c) prese d) prese e) oral e f) term Langua credital	otherw ompute en exar entatio entatio entatio examin paper (ge of a ble for	ise specified, the followi r Systems: nination (approx. 90 min n (approx. 20 minutes) a n of project results (appro n (approx. 45 minutes) o ation of one candidate e (approx. 10 pages). ssessment: German and, bonus	ng methods can be c utes) or nd handout (approx. ox. 30 minutes) or r ach (approx. 30 minu ⁄or English	hosen from for asse 5 pages) or Ites) or	ssment in the specialisations Hu-	
Allocati	ion of p	olaces				
Additio	nal inf	ormation				
Worklo	Workload					
150 h						
Teachir	ng cycl	e				
Teachir	ng cycle	e: every semester				
Referre	d to in	LPOI (examination regulations	s for teaching-degree progra	mmes)		

Module title Abbreviation					Abbreviation
Special	ization	MCS 2			06-MCS-V2-152-m01
Module	coord	inator		Module offered by	
chairpe lor's de man-Co	erson of gree pi ompute	f examination committee rogramme Mensch-Comp r Systems)	of the Bache- uter-Systeme (Hu-	Institute of Human	Computer Media
ECTS	Metho	od of grading	Only after succ. com	npl. of module(s)	
5	nume	rical grade			
Duratio	n	Module level	Other prerequisites		
1 seme	ster	undergraduate			
Conten	ts				
In this r de, whi teractic phy, etc	nodule ch exp on desig c.	e, the contents of the deg and and deepen the skill gn, sociology of technolo	ree courses are deep s already acquired, e gy, psychology, comp	ened and references .g. media communic outer science, muse	s to neighboring sciences are ma- cation, business informatics, in- ology, digital humanities, geogra-
Intende	ed learr	ning outcomes			
After pa their ov tence, o coopera	articipa vn subj commu ation.	ting in this module, stud ect as well as in related f nicative competence, co	ents will be able to n ields of science and operation skills and t	ame and explain typ application. They de he ability to deal wit	ical problems and methods in evelop methodological compe- th conflicts in interdisciplinary
Course	S (type, n	umber of weekly contact hours, l	anguage — if other than Ger	man)	
V (2) +	Ü (1)				
Methoo module is	l of ass creditab	s essment (type, scope, langua le for bonus)	ge — if other than German, e	examination offered — if no	ot every semester, information on whether
Unless man-Cc a) writte b) prese c) prese d) prese e) oral o f) term Langua credita	otherw ompute en exar entatio entatio entatio examin paper (ge of a ble for	ise specified, the followi r Systems: nination (approx. 90 min n (approx. 20 minutes) a n of project results (appro n (approx. 45 minutes) o ation of one candidate e approx. 10 pages). ssessment: German and, bonus	ng methods can be c utes) or nd handout (approx. ox. 30 minutes) or r ach (approx. 30 minu ⁄or English	hosen from for asses 5 pages) or Ites) or	ssment in the specialisations Hu-
Allocat	ion of p	olaces			
Additio	nal inf	ormation			
Worklo	Workload				
150 h					
Teachir	ng cycl	e			
Teachir	ng cycle	e: every semester			
Referre	d to in	LPOI (examination regulations	s for teaching-degree progra	mmes)	



Module title Abbreviation					Abbreviation	
Special	ization	MCS 1			06-MCS-V1-152-m01	
Module	coord	inator		Module offered by	·	
chairpe lor's de man-Co	rson of gree pi ompute	f examination committee rogramme Mensch-Comp r Systems)	of the Bache- uter-Systeme (Hu-	Institute of Human	Computer Media	
ECTS	Metho	od of grading	Only after succ. com	npl. of module(s)		
5	nume	rical grade				
Duratio	n	Module level	Other prerequisites			
1 semes	ster	undergraduate				
Conten	ts					
In this r de, whi teractio phy, etc	nodule ch exp n desig	e, the contents of the deg and and deepen the skill gn, sociology of technolo	ree courses are deep s already acquired, e gy, psychology, comp	ened and references .g. media communic outer science, muse	s to neighboring sciences are ma- cation, business informatics, in- ology, digital humanities, geogra-	
Intende	ed learr	ning outcomes				
After pa their ow tence, c coopera	articipa vn subj commu ation.	ting in this module, stud ect as well as in related f nicative competence, co	ents will be able to n fields of science and operation skills and t	ame and explain typ application. They de he ability to deal wit	ical problems and methods in velop methodological compe- th conflicts in interdisciplinary	
Courses	S (type, n	umber of weekly contact hours, l	anguage — if other than Ger	man)		
S (2)						
Method module is	l of ass creditab	t essment (type, scope, langua le for bonus)	ge — if other than German, e	examination offered — if no	ot every semester, information on whether	
Unless man-Co a) writte b) prese c) prese d) prese e) oral e f) term Langua credital	otherw ompute en exar entatio entatio entatio examin paper (ge of a ble for	ise specified, the followi r Systems: nination (approx. 90 min n (approx. 20 minutes) a n of project results (appro n (approx. 45 minutes) o ation of one candidate e (approx. 10 pages). ssessment: German and, bonus	ng methods can be c utes) or nd handout (approx. ox. 30 minutes) or r ach (approx. 30 minu ⁄or English	hosen from for asse 5 pages) or Ites) or	ssment in the specialisations Hu-	
Allocati	ion of p	olaces				
Additio	nal inf	ormation				
Worklo	Workload					
150 h						
Teachir	ng cycl	e				
Teachir	ng cycle	e: every semester				
Referre	d to in	LPOI (examination regulations	s for teaching-degree progra	mmes)		

Module title					Abbreviation		
Specialization MCS 2					06-MCS-V2-152-m01		
Module coordinator				Module offered by			
chairperson of examination committee of th lor's degree programme Mensch-Computer- man-Computer Systems)			of the Bache- uter-Systeme (Hu-	Institute of Human Computer Media			
ECTS	CTS Method of grading Only after succ. co			pl. of module(s)			
5	nume	rical grade					
Duratio	n	Module level	Other prerequisites				
1 semes	ster	undergraduate					
Conten	ts						
In this r de, whi teractio phy, etc	nodule ch expa n desig	e, the contents of the deg and and deepen the skill gn, sociology of technolo	ree courses are deep s already acquired, e gy, psychology, comp	ened and references .g. media communic outer science, mused	s to neighboring sciences are ma- cation, business informatics, in- ology, digital humanities, geogra-		
Intende	d learr	ning outcomes					
After pa their ow tence, c coopera	nticipa vn subj commu ation.	ting in this module, stud ect as well as in related f nicative competence, co	ents will be able to n ïelds of science and operation skills and t	ame and explain typ application. They de he ability to deal wit	ical problems and methods in velop methodological compe- th conflicts in interdisciplinary		
Courses	5 (type, n	umber of weekly contact hours, l	anguage — if other than Ger	man)			
V (2) + l	Ü (1)						
Method module is	l of ass creditab	s essment (type, scope, langua le for bonus)	ge — if other than German, e	examination offered — if no	ot every semester, information on whether		
Unless otherwise specified, the following methods can be chosen from for assessment in the specialisations Hu- man-Computer Systems: a) written examination (approx. 90 minutes) or b) presentation (approx. 20 minutes) and handout (approx. 5 pages) or c) presentation of project results (approx. 30 minutes) or d) presentation (approx. 45 minutes) or e) oral examination of one candidate each (approx. 30 minutes) or f) term paper (approx. 10 pages). Language of assessment: German and/or English creditable for bonus							
Allocation of places							
Additional information							
Workload							
150 h							
Teaching cycle							
Teaching cycle: every semester							
Referre	Referred to in LPO I (examination regulations for teaching-degree programmes)						



Module title					Abbreviation	
Measurement and Analysis of Structure in Social Interaction					06-MK-MASSI-212-m01	
Module coordinator				Module offered by		
holder of the Chair of Media Psychology			y	Chair of Media Psyc	chology	
ECTS	CTS Method of grading Only after succ. com			pl. of module(s)		
4	(not) s	successfully completed				
Duratio	on	Module level	Other prerequisites			
1 seme	ster	undergraduate				
Conten	ts					
Intende	ed lear	ning outcomes				
Course	S (type, n	umber of weekly contact hours, l	anguage — if other than Ger	man)		
S (2)						
Module	e taugh	t in: English				
Methoo module is	d of ass creditab	s essment (type, scope, langua le for bonus)	ge — if other than German, e	examination offered — if no	ot every semester, information on whether	
a) written examination (approx. 45 minutes) or b) oral examination of one candidate each (approx. 15 minutes) or c) term paper (10 to 12 pages) or d) portfolio (approx. 13 pages) Language of assessment: English						
Allocat	ion of p	olaces				
Only applies to ASQ-Pool: max. 5 If the number of applicants exceeds the number of available places, participants will be selected according to the progress of their studies (number of semesters). If there is a tie, the lot decides. Places that become free af- terwards will be raffled in the replacement procedure.						
Additional information						
Workload						
120 h						
Teaching cycle						
Referre	Referred to in LPO I (examination regulations for teaching-degree programmes)					

Module	title				Abbreviation	
Specialization MCS 1					06-MCS-V1-152-m01	
Module coordinator				Module offered by		
chairperson of examination committee of the Bache- lor's degree programme Mensch-Computer-Systeme (H man-Computer Systems)			of the Bache- uter-Systeme (Hu-	Institute of Human	Computer Media	
ECTS	Metho	od of grading	Only after succ. compl. of module(s)			
5	nume	rical grade				
Duratio	n	Module level	Other prerequisites			
1 semes	ster	undergraduate				
Conten	ts					
In this r de, whi teractio phy, etc	nodule ch exp n desig	e, the contents of the deg and and deepen the skill gn, sociology of technolo	ree courses are deep s already acquired, e gy, psychology, comp	ened and references .g. media communic puter science, muse	s to neighboring sciences are ma- cation, business informatics, in- ology, digital humanities, geogra-	
Intende	ed learn	ning outcomes				
After pa their ow tence, c coopera	articipa vn subj commu ation.	ting in this module, stud ect as well as in related f nicative competence, co	ents will be able to n ields of science and operation skills and t	ame and explain typ application. They de he ability to deal wit	ical problems and methods in evelop methodological compe- th conflicts in interdisciplinary	
Courses	S (type, n	umber of weekly contact hours, l	anguage — if other than Ger	rman)		
S (2)						
Method module is	l of ass creditab	e essment (type, scope, langua) le for bonus)	ge — if other than German, e	examination offered — if no	ot every semester, information on whether	
Unless otherwise specified, the following methods can be chosen from for assessment in the specialisations Hu- man-Computer Systems: a) written examination (approx. 90 minutes) or b) presentation (approx. 20 minutes) and handout (approx. 5 pages) or c) presentation of project results (approx. 30 minutes) or d) presentation (approx. 45 minutes) or e) oral examination of one candidate each (approx. 30 minutes) or f) term paper (approx. 10 pages). Language of assessment: German and/or English creditable for bonus						
Allocation of places						
Additional information						
Workload						
150 h						
Teaching cycle						
Teaching cycle: every semester						
Referred to in LPO I (examination regulations for teaching-degree programmes)						

Module title					Abbreviation		
Specialization MCS 2					06-MCS-V2-152-m01		
Module coordinator				Module offered by			
chairperson of examination committee of th lor's degree programme Mensch-Computer- man-Computer Systems)			of the Bache- uter-Systeme (Hu-	Institute of Human Computer Media			
ECTS	CTS Method of grading Only after succ. co			pl. of module(s)			
5	nume	rical grade					
Duratio	n	Module level	Other prerequisites				
1 semes	ster	undergraduate					
Conten	ts						
In this r de, whi teractio phy, etc	nodule ch expa n desig	e, the contents of the deg and and deepen the skill gn, sociology of technolo	ree courses are deep s already acquired, e gy, psychology, comp	ened and references .g. media communic outer science, mused	s to neighboring sciences are ma- cation, business informatics, in- ology, digital humanities, geogra-		
Intende	d learr	ning outcomes					
After pa their ow tence, c coopera	nticipa vn subj commu ation.	ting in this module, stud ect as well as in related f nicative competence, co	ents will be able to n ïelds of science and operation skills and t	ame and explain typ application. They de he ability to deal wit	ical problems and methods in velop methodological compe- th conflicts in interdisciplinary		
Courses	5 (type, n	umber of weekly contact hours, l	anguage — if other than Ger	man)			
V (2) + l	Ü (1)						
Method module is	l of ass creditab	s essment (type, scope, langua le for bonus)	ge — if other than German, e	examination offered — if no	ot every semester, information on whether		
Unless otherwise specified, the following methods can be chosen from for assessment in the specialisations Hu- man-Computer Systems: a) written examination (approx. 90 minutes) or b) presentation (approx. 20 minutes) and handout (approx. 5 pages) or c) presentation of project results (approx. 30 minutes) or d) presentation (approx. 45 minutes) or e) oral examination of one candidate each (approx. 30 minutes) or f) term paper (approx. 10 pages). Language of assessment: German and/or English creditable for bonus							
Allocation of places							
Additional information							
Workload							
150 h							
Teaching cycle							
Teaching cycle: every semester							
Referre	Referred to in LPO I (examination regulations for teaching-degree programmes)						



Module	title				Abbreviation	
Specialization MCS 1					06-MCS-V1-152-m01	
Module coordinator				Module offered by		
chairperson of examination committee of the Back lor's degree programme Mensch-Computer-Syster man-Computer Systems)			of the Bache- uter-Systeme (Hu-	Institute of Human Computer Media		
ECTS	Metho	od of grading	Only after succ. compl. of module(s)			
5	nume	rical grade				
Duratio	n	Module level	Other prerequisites			
1 semes	ster	undergraduate				
Conten	ts					
In this r de, whi teractio phy, etc	nodule ch expa n desig c.	e, the contents of the deg and and deepen the skill gn, sociology of technolo	ree courses are deep s already acquired, e gy, psychology, comp	ened and references .g. media communic outer science, muse	s to neighboring sciences are ma- cation, business informatics, in- ology, digital humanities, geogra-	
Intende	ed learr	ning outcomes				
After pa their ow tence, c coopera	articipa vn subj commu ation.	ting in this module, stud ect as well as in related f nicative competence, co	ents will be able to n ïelds of science and operation skills and t	ame and explain typ application. They de he ability to deal wit	vical problems and methods in evelop methodological compe- th conflicts in interdisciplinary	
Courses	S (type, n	umber of weekly contact hours, l	anguage — if other than Ger	man)		
S (2)						
Method module is	l of ass creditab	t essment (type, scope, langua le for bonus)	ge — if other than German, e	examination offered — if no	ot every semester, information on whether	
Unless otherwise specified, the following methods can be chosen from for assessment in the specialisations Hu- man-Computer Systems: a) written examination (approx. 90 minutes) or b) presentation (approx. 20 minutes) and handout (approx. 5 pages) or c) presentation of project results (approx. 30 minutes) or d) presentation (approx. 45 minutes) or e) oral examination of one candidate each (approx. 30 minutes) or f) term paper (approx. 10 pages). Language of assessment: German and/or English creditable for bonus						
Allocati	ion of p	olaces				
Additional information						
Workload						
150 h						
Teaching cycle						
Teaching cycle: every semester						
Referre	Referred to in LPO I (examination regulations for teaching-degree programmes)					

Module	title			Abbreviation			
Specialization MCS 2					06-MCS-V2-152-m01		
Module coordinator				Module offered by			
chairperson of examination committee of the Bache lor's degree programme Mensch-Computer-Systeme man-Computer Systems)			of the Bache- uter-Systeme (Hu-	Institute of Human Computer Media			
ECTS	ECTS Method of grading Only after succ. compl. of r			npl. of module(s)			
5	nume	rical grade					
Duratio	n	Module level	Other prerequisites				
1 semes	ster	undergraduate					
Content	ts						
In this r de, whi teractio phy, etc	nodule ch exp n desig	e, the contents of the deg and and deepen the skill gn, sociology of technolo	ree courses are deep s already acquired, e gy, psychology, comp	ened and references .g. media communic outer science, muse	s to neighboring sciences are ma- cation, business informatics, in- ology, digital humanities, geogra-		
Intende	d learr	ning outcomes					
After pa their ow tence, c coopera	After participating in this module, students will be able to name and explain typical problems and methods in their own subject as well as in related fields of science and application. They develop methodological competence, communicative competence, cooperation skills and the ability to deal with conflicts in interdisciplinary cooperation.						
Courses	5 (type, n	umber of weekly contact hours, l	anguage — if other than Ger	man)			
V (2) + Ü	Ü (1)						
Method of assessment (type, scope, language – if other than German, examination offered – if not every semester, information on whether module is creditable for bonus)							
Unless otherwise specified, the following methods can be chosen from for assessment in the specialisations Hu- man-Computer Systems: a) written examination (approx. 90 minutes) or b) presentation (approx. 20 minutes) and handout (approx. 5 pages) or c) presentation of project results (approx. 30 minutes) or d) presentation (approx. 45 minutes) or e) oral examination of one candidate each (approx. 30 minutes) or f) term paper (approx. 10 pages). Language of assessment: German and/or English creditable for bonus							
Allocation of places							
Additional information							
Workload							
150 h							
Teaching cycle							
Kererre	CELETED TO IN LET O I (examination regulations for teaching-degree programmes)						