- UNOFFICIAL ENGLISH VERSION -

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Subject examination regulations (FPO-M) for the subject of

Human-Computer Interaction (HCI)

in the master's degree program

at the University of Siegen

Of 23rd September 2019

(Master's degree program in Human-Computer Interaction)

Pursuant to § 2 paragraph 4 and § 64 paragraph 1 of the Higher Education Act of the State of North Rhine-Westphalia (*Hochschulgeset*z - HG) of 16 September 2014 (GV. NRW. p. 547), as last amended

by the Act of 17 October 2017 (GV. NRW. p. 806), the University of Siegen has issued the following subject examination regulations for the general examination regulations (RPO-M) for master's degree programs at the University of Siegen of 28 February 2019 (official notice of 5/2019):

Article 1

Scope

(1) Together with the general examination regulations (RPO-M) for master's degree programs at the University of Siegen of 28 February 2019 (Official Notice 5/2019), these subject examination regulations, in their otherwise valid version, govern the degree program for the subject of Human-Computer Interaction (HCI).

(2) Article 2 contains the regulations concerning studies in the subject of Human-Computer Interaction (HCI) as a 1-subject degree program.

Article 2

Regulations for the 1-subject degree program in Human-Computer Interaction (HCI)

§ 1

Study model

The subject of Human-Computer Interaction (HCI) is studied in the 1-subject degree program.

§ 2

Objectives of the degree program

(1) The degree program intends to provide students with the necessary academic knowledge and methods, taking the requirements and changes in the world of work into account, so that they are able to engage in academic reflection, apply academic knowledge and methods, and act responsibly in the relevant occupational fields.

(2) By studying on the research-oriented master's degree program, the qualifications acquired through a previous practically-oriented bachelor's program are consolidated and extended in the sense of increased specialist complexity by developing specialist knowledge and practising more specific specialist methods. This is reflected in the dedicated theoretical and methodological fundamental study in the fields of technology, psychology, sociology and HCI specific theories and methods. In addition to this, specific units to consolidate current research questions are offered in the compulsory elective areas of study. The projects available in the practical area are also bolstered by the contents of the current research projects, and provide students with the opportunity to partake actively in current research. The master's examination determines whether the students have acquired the advanced specialist knowledge, skills and methods necessary for the transition into research and occupational practice, whether they have an overview of more overarching specialist contexts and have the ability to analyse problems and to independently develop and apply scientific methods and findings in order to describe or solve them. Students who pass the master's examination also qualify for admission to a doctorate and therefore an academic career.

§ 3

Master's degree

Upon the successful completion of the program, the university will award the graduate the university degree of “Master of Science” (M.Sc.).

§ 4

Specialist admission requirements

(1) To supplement § 4 RPO-M, the requirement for admission to the master’s degree program in Human-Computer Interaction is proof of the completion of undergraduate studies with the awarding of a bachelor's degree in Business Information Systems, Computer Science, Business Administration, Design, Psychology or Sociology at a university within the scope of validity of the

Basic Law or a comparable degree in which courses in the aforementioned subjects account for at least 60 credit points.

(2) The degree according to paragraph 1 must be a qualified degree in terms of § 4, paragraph 2 RPO-M. This is the case if the degree was awarded the minimum grade of good (2.5).

(3) Furthermore, proof of knowledge of the English language is also required for admission. For applicants who have not obtained their academic qualification at an exclusively English-speaking institution, or whose native language is not English, the following proof will be recognised:

1. TOEFL (Test of English as a foreign language) iBT (internet based Test) with a score of at least 94 points;
2. IELTS test with a score of at least 6.5;
3. Cambridge B2 First with at least 173 points (grade B);
4. PTE Academic with at least 58 points;
5. A certificate which provides proof of knowledge of the English language at B2 level according to the Common European Framework of Reference for Languages (CEFR).

(4) Enrolment shall be refused if the prospective student has failed an examination required by these examination regulations in a degree program that has a considerable level of proximity to this degree program.

§ 5

Periods abroad and internships

(1) Students have the option of completing an internship as part of the compulsory elective area of study, Current Research in HCI (module 3HCIMA011, “internship”). Periods abroad are not considered compulsory.

(2) The internship is subject to the internship regulations for the bachelor's program in Business Information Systems and for the master's programs in Business Information Systems and Human-Computer Interaction (HCI) at the University of Siegen of 30 August 2019 (official notice 22/2019) in the otherwise valid version.

§ 6

Examining board

(1) For the tasks defined in § 8 RPO-M and in this article, Faculty III – Economic Sciences, Business Information Systems and Business Law, shall form an examining board for Human-Computer Interaction (HCI) for the master's program in Human-Computer Interaction (HCI). The examining board may delegate tasks to the examinations office of Faculty III – Economic Sciences, Business Information Systems and Business Law.

(2) The examining board consists of

1. four members of the group of university teachers,
2. one member from the group of academic employees, and
3. two members from the group of students.

(3) The term of office of the members of the group of university teachers amounts to 3 years. The term of office of the member of the group of academic employees amounts to 2 years. The term of office of the students amounts to 1 year.

(4) If the members referred to in paragraph 2 are unable to attend, representatives will be elected whose period in office is oriented to paragraph 3.

(5) The members of the examining board, and in the event of their representation, their representatives, have the right to attend the examinations.

§ 7

Examiners, observers

(1) The authority to hold examinations is governed by § 9 RPO-M.

(2) Notwithstanding § 9 paragraph 2 RPO-M, the examining board shall appoint the examiners and observers. It can delegate the appointment to the chairperson.

(3) Only persons who have successfully passed the diploma examination or the master's examination in a degree course at a university within the area of application of the Basic Law or a comparable examination can be observers in oral examinations.

§ 8

Breadth of study and structure of the degree program

(1) For the successful completion of the HCI master's program, it is necessary for 120 credit points to be earned in the consecutive master's program.

(2) The standard period of study is 4 semesters. Students may only complete the degree program on a full-time basis. Students may commence their studies on the degree program in the winter or the summer semester.

(3) The degree program is configured as an integrative model. The course consists of a compulsory area of study, Basics of HCI (18 credit points, modules 3HCIMA001 and 3HCIMA002), a compulsory elective area of study, Consolidation (9 credit points), a compulsory project area of study, Practice (27 credit points), modules 3HCIMA004 to 3HCIMA006), a compulsory elective area of study, Current Research in HCI (18 credit points), a compulsory elective area of study, Interdisciplinary Contexts in HCI (18 credit points) and the Human-Computer Interaction master's thesis (30 credit points, module 3HCIMA016). A module from the corresponding subject catalogue in Appendix 2 must be studied in the Consolidation compulsory elective area of study. Three modules from the corresponding subject catalogue in Appendix 2 must be studied in the Current Research in HCI compulsory elective area of study. Two modules with 9 CP or three modules with 6 CP from the corresponding subject catalogue in Appendix 2 must be studied in the Interdisciplinary Contexts in HCI compulsory elective area of study. Students are only allowed to select modules that they have not completed before.

(4) Modules overview:

No.	Module	CWR[1]	ER[2]	CP[3]	OM[4]	C/CE[5]	Reference to module description
3HCIMA001	Humans & Technology	0	1	9		C	Annex 3
3HCIMA002	Design & Psychology	0	1	9		C	Annex 3
	Compulsory elective area: Consolidation 1 module with 9 CP	0	1	9		CE	Annex 2
3HCIMA004	Project A	0	1	9		C	Annex 3
3HCIMA005	Project B	0	1	9		C	Annex 3
3HCIMA006	Project C	0	1	9		C	Annex 3
	Compulsory elective area: Current Research in HCI 3 modules with 6 CP	0 - 1	2 - 3	18		CE	Annex 2

(continuation)							
No.	Module	CWR[1]	ER[2]	CP[3]	OM[4]	C/CE[5]	Reference to module description
	Compulsory elective area: Interdisciplinary Contexts in HCI 3 modules with 6 CP or 2 modules with 9 CP	0	2-3	18		CE	Annex 2
3HCIMA016	Human-Computer Interaction master's thesis	0	1	30		C	Annex 3

[1] CWR = Course work requirement **I** [2] ER = Examination requirement **I** [3] CP = credit points **I** [4] OM = Orientation module according to § 11, para. 3, RPO-M **I** [5] C/CE = compulsory module/compulsory elective module

The recommended semester is based on the course timetable (Annex 1).

(5) In the compulsory elective area of study Current Research in HCI and in the compulsory elective area of study Interdisciplinary Contexts in HCI, for one compulsory elective module, it is possible to change from one elective compulsory module to another compulsory elective module from the respective module catalogue in Annex 2. The change can only take place if the respective examination was not passed the first time. The attempted examination which was not passed is not counted as a failure. The module cannot be taken again. Notification of the change must be made in writing to the examining board.

(6) If, when enrolling for their examinations within a compulsory elective area of study at an examination date, a student who is yet to have taken all of the compulsory elective modules has taken more compulsory elective modules in the respective compulsory elective area of study than those that are to be studied according to paragraphs 3 and 4, the student shall inform the examination office which compulsory elective module is to be included in the compulsory elective area and therefore in the calculation of the final grade, and which module is to be identified as a supplementary performance according to § 9 para. 3. If the student fails to provide any details, the grade of the compulsory elective module which was examined at an earlier date is decisive for the corresponding compulsory elective area.

(7) The possible forms of teaching are as follows: Lecture, seminar, colloquium, exercise, project, internship and simulation game. The specific form of teaching is provided in the module description. In the scope of the compulsory elective modules from the compulsory elective area of study Interdisciplinary Contexts in HCI (Module 3HCIMA013, 3HCIMA014 3HCIMA015, 3HCIMA019 and 3HCIMA020), other forms of teaching to those referred to above can also be used.

(8) The classes take place in German or English. The teaching language is provided in the module description. If the teaching language is not clearly specified, the teachers will give notification of the teaching language four weeks after the start of the respective classes at the latest.

§ 9

Course work and examination requirements

(1) Supplementary to § 10, para. 1 and § 11 para. 6 RPO-M, the following forms of course work and examination requirements are provided for:

1. Assignments (10-15 pages):

   Assignments consist of a succession of tasks predefined by the examiner which must be completed independently by a specified deadline and submitted to the examiner. It may include talking about the task and discussing any possible problems.

2. Seminar papers (3 – 6 pages) and project work (15-25 pages):

In a seminar paper or project work, the student independently addresses a given topic or problem. This includes, in particular, researching information and material, structuring the content, preparing a structure, and the compilation of a written manuscript according to the usual format for academic work.

3. Presentations (15 – 90 minutes):

   A presentation is the representation of a predefined topic with the help of suitable methods within the context of a spoken oral presentation.

4. Case studies and simulation games:

   In a case study or simulation game, the joint resolution of a problem situation is planned. In particular, this includes the induction into the problem situation and its presentation, coming to grips with the allocated role, the individual and joint completion of the pending tasks, as well as the documentation and substantiation of the decisions that are taken.

5. Samples of work and portfolios:

   Samples of work are items (such as prototypes or software) that are made during classes. Portfolios are summarising and explanatory presentations of these items.

6. Written examination (also electronic form of assessment and written examination in the multiple choice procedure) which lasts between 45 minutes and a maximum of four hours.

7. Project report (3-25 pages):

   Students are required to compile a report about their collaboration in the project (project report). In the project report, the students describe and reflect on the experiences they gained during the project. The project report provides proof that the students are able to assess their own activities and to present them in a comprehensible way according to academic standards.

In the scope of the compulsory elective modules from the compulsory elective area of study Interdisciplinary Contexts in HCI (module 3HCIMA013, 3HCIMA014 3HCIMA015, 3HCIMA019 and 3HCIMA020), other forms of examination to those referred to above can also be used.

(2) Notwithstanding § 10 paragraph 6 and § 11 paragraph 15 RPO-M, the assessments of course work and examination performances are to be communicated no later than 8 weeks after the date of performance or submission.

(3) The student is able to provide additional course work and examination performances upon request (supplementary performances). Supplementary performances may be course work and examination performances from the unselected modules of this degree program or another degree program. Supplementary performances are not taken into account when determining the final mark; no credit points are awarded for supplementary performances in this degree program. Supplementary performances are generally added to the Transcript of Records; on request, however, supplementary performances will not be recorded. The request must be submitted to the Examination Office before the announcement of the examination results for the most recent examination performance in this degree program at the latest. A module which is completed and designated as a supplementary performance can no longer be recorded and designated as a performance in the compulsory elective area.

§ 10

Retaking of examinations

(1) Failed examination performances in modules which are offered every semester can be retaken at the next regular examination date. A retake examination is offered once a year for failed examination performances in modules that are offered annually. If, in the case of sentence 2 the date of the retake is chosen in the semester as the examination date for the examination performance, a retake is only possible upon the next completion of the module.

(2) If a student ultimately fails to pass a compulsory elective module, on one occasion during the degree program, they are able to complete an alternative compulsory elective module from the corresponding module catalogue. § 8, paragraph 5 remains unaffected.

§ 10a

Grade improvement

(1) The student can make use of the possibility to retake a passed examination performance (hereinafter: "first examination") to improve his/her grades once during his/her studies. This does not apply to the master's thesis. Retakes for the purpose of grade improvement are not considered to be an examination attempt. The acquisition of at least 40 credit points is required to register for the retake examination for the purpose of grade improvement.

(2) The retake examination for the purpose of grade improvement must take place on the next examination date at which the examination is offered again. A period of study abroad, a semester on leave or an internship that coincides with the next examination date on which the examination is offered again do not extend this period. The retake examination for the purpose of grade improvement must be taken in the 6th semester at the latest. This is no longer possible once the degree program has been completed.

(3) The registration for the retake examination for the purpose of grade improvement takes place at the Examination Office within the announced deadlines.

(4) In the case of a de-registration from the retake examination for grade improvement up to one week before the examination date, the possibility for grade improvement may be transferred to another examination, provided that the requirements for the other examination are fulfilled.

(5) In the case of a de-registration from the retake examination for grade improvement for good reason up to one week before the examination date, or in the case of a de-registration from the retake examination for good reason, the retake examination for grade improvement may, notwithstanding paragraph 2, be taken at the next examination date on which the examination is offered again. Paragraph 3, sentences 2 and 3 remain unaffected.

(6) If the result of the retake examination for grade improvement is better or just as good as the first examination, the grade of the second examination applies, otherwise the grade of the first examination does.

§ 11

Master's thesis

(1) The master's thesis accounts for 30 credit points in the master’s degree program.

(2) The application for admission to complete the master's thesis is to be submitted to the examining board in writing. The admission to complete the master’s thesis is based on § 13 RPO-M. As the requirement for the application for admission to complete the master’s thesis, the candidate must have acquired at least 70 credit points. This includes the modules 3HCIMA004 “Project A”, 3HCIMA005 “Project B” and 3HCIMA006 “Project C”, which must be successfully completed.

(3) Students have 6 months in which to complete the master’s thesis. The master’s thesis should not exceed a total of 100 pages. The topic of the master’s thesis can only be changed within a period of one week following the date of issuance.

(4) Only university professors from the subject of Business Information Systems can be appointed as a first, second or third reviewer or as supervisor. Notwithstanding sentence 1, the chairperson of the examining board may also appoint persons who are not university professors from the subject of Business Information Systems as first, second or third reviewers or to supervise the Master's thesis. Members of academic staff may partake in the supervision of the master's thesis.

(5) The candidate is able to propose the reviewer or a group of reviewers for the master's thesis. Note must be taken of the proposals of the candidate where possible.

(6) The parts of the thesis that are taken from other works in terms of their wording or meaning must in all cases be clearly identified, stating the sources. The candidate shall add a written assurance to the thesis stating that he or she has written the work independently and has not used any sources or auxiliary materials other than those indicated, and has identified any quotations; such assurance shall also be given for tables, sketches, drawings, pictorial representations, etc.

(7) The master's thesis may also be accepted in the form of a group thesis if the contribution of the individual candidate which is to be assessed as an examination performance is clearly

distinguishable and can be assessed on the basis of sections, page numbers or other objective criteria which enable a clear distinction to be made.

(8) The master's thesis is to be submitted by the deadline in two copies as a typewritten text in bound form to the examining board. An electronic version of the master's thesis is also to be submitted on a suitable data storage medium. The candidate must confirm in writing that the contents of the electronic version are the same as those of the printed version. The date of submission is to be recorded.

(9) In the scope of the master's thesis, the student is required to present and discuss the thesis in a colloquium (30 minutes). The presentation and subsequent discussion has the purpose of verifying the independent nature of the student’s efforts.

§ 12

Assessment and determination of grades

(1) Notwithstanding § 21 para. 1 RPO-M, the awarding of the intermediate grades 4.3 and 4.7 is possible.

(2) Notwithstanding § 21 para. 5 RPO-M, with the determination of the grade for an overall examination performance and for the master's thesis and with the determination of the final mark, only the first decimal place after the decimal point is taken into account; all other digits are disregarded without rounding off.

(3) In the event of a discrepancy in the assessment by a total of two reviewers or examiners, the grade of the master's thesis or the examination performance is determined from the arithmetic mean of both assessments. If one of the two different assessments is "unsatisfactory", or if the two assessments are more than two full marks apart, the performance will be assessed by a third examiner. Notwithstanding § 21 para. 2 RPO-M, in this case, the grade for the master's thesis or the examination performance is determined from the arithmetic mean of the two better grades. The grade formed from the arithmetic mean must be, at the least, "sufficient". If this is not the case, the master's thesis or examination performance is not considered to have been passed.

§ 13

Application and transitional provisions

(1) These subject examination regulations apply to all students who enrol in this master’s degree program at the University of Siegen for the first time starting from the winter semester of 2019/2020.

(2) The examination regulations for the master's degree program in Human-Computer Interaction (HCI) of Faculty III – Economic Sciences, Business Information Systems and Business Law of the University of Siegen of 2 November 2011 (official notice of 36/2011), amended most recently by the fourth ordinance for the amendment of the examination regulations for the master’s degree program in Human-Computer Interaction (HCI) of the Faculty III – Economic Sciences, Business Information Systems and Business Law of the University of Siegen of 1 June 2018 (official notice of 31/2018), will expire on 31 March 2022. According to these examination regulations, students who were enrolled in the master’s degree program prior to the winter semester of 2019/2020 may complete their studies until this point in time.

(3) Upon request, students who were already enrolled in the master’s degree program before the winter semester of 2019/2020 are able to complete their degree according to the provisions of the general examination regulations (RPO-M) for master’s degree programs at the University of Siegen of 28 February 2019 (Official Notice 5/2019) and these subject examination regulations. The application is to be addressed to the responsible examining board and cannot be revoked.

Article 3

Regulations for the specialist combined degree program

n / a.

Article 4

Regulations for the teacher training course

n / a.

Article 5

Export modules offered on a multidisciplinary basis

On an interdisciplinary basis, the subject of Human-Computer Interaction offers the following modules for export only (see Annex 4):

No.	Module
3HCIMAEX001	Selected Topics of Human-Computer Interaction

Article 6

Entry into effect and publication

These subject examination regulations enter into effect the day after their publication. They will be published in the announcements journal, the *"Amtliche Mitteilungen der Universität Siegen"* (Official Gazette of the University of Siegen).

Issued on the basis of the resolutions of the Faculty Council of Faculty III - Economic Sciences, Business Information Systems and Business Law of 9 January 2019 and 1 September 2019.

Siegen, 23 September 2019 The Rector

signed

(University Professor Dr. Holger Burckhart)

Annexes

Annex 1: Course timetables as per Article 2

Example course timetable of the M.Sc. Human-Computer Interaction for students starting in the winter semester

1st year of study

Module		Semester			
No.	Designation	1st		2nd	
		HWS [hours per week per semester]	CP [credit points]	HWS	CP
3HCIMA001	Humans & Technology	6	9		
3HCIMA004	Project A	3	9		
As per choice	Current Research in HCI	4	6		
As per choice	Interdisciplinary Contexts in HCI	0-4	6		
3HCIMA002	Design & Psychology			6	9
As per choice	Consolidation			6	9
As per choice	Current Research in HCI			4	6
As per choice	Interdisciplinary Contexts in HCI			0-4	6
Total		13-17	30	16-20	30

2nd year of study

Module		Semester			
No.	Designation	3rd		4th	
		HWS	CP	HWS	CP
3HCIMA005	Project B	3	9		
3HCIMA006	Project C	3	9		

As per choice	**Current Research in HCI**	4	6		
As per choice	**Interdisciplinary Contexts in HCI**	0-4	6		
3HCIMA016	**Human-Computer Interaction master's thesis**			0	30
Total		10-14	30	0	30

Example course timetable of the M.Sc. Human-Computer Interaction for students starting in the summer semester

1st year of study

Module		**Semester**			
No.	**Designation**	**1st**		**2nd**	
		HWS	CP	HWS	CP
3HCIMA002	**Design & Psychology**	6	9		
3HCIMA004	**Project A**	3	9		
As per choice	**Current Research in HCI**	4	6		
As per choice	**Interdisciplinary Contexts in HCI**	0-4	6		
3HCIMA001	**Humans & Technology**			6	9
3HCIMA005	**Project B**			3	9
As per choice	**Current Research in HCI**			4	6
As per choice	**Interdisciplinary Contexts in HCI**			0-4	6
Total		13-17	30	13-17	30

2nd year of study

Module		**Semester**			
No.	**Designation**	**3rd**		**4th**	
		HWS	CP	HWS	CP
As per choice	**Consolidation**	6	9		

3HCIMA006	**Project C**	3	9		
As per choice	**Current Research in HCI**	4	6		
As per choice	**Interdisciplinary Contexts in HCI**	0-4	6		
3HCIMA016	**Human-Computer Interaction master's thesis**			0	30
Total		13-17	30	0	30

Annex 2: List of compulsory elective modules according to Article 2 § 8

No.	Module	Course work requirement	Examination requirement	CP	Reference to module description
	Compulsory elective area: Consolidation				
3HCIMA017	CSCW & CSCL	0	1	9	Annex 4
3HCIMA018	Ubiquitous Computing & Usable Security	0	1	9	Annex 4
	Compulsory elective area: Current Research in HCI				
3HCIMA008	Current Research in HCI I	0	1	6	Annex 4
3HCIMA009	Current Research in HCI II	0	1	6	Annex 4
3HCIMA010	Current Research in HCI III	0	1	6	Annex 4
3HCIMA021	Current Research in HCI IV	0	1	6	Annex 4
3HCIMA011	Internship	1	0	6	Annex 4
	Compulsory elective area: Interdisciplinary Contexts in HCI				
3HCIMA013	Interdisciplinary Contexts in HCI I a	0-2	1	9	Annex 4
3HCIMA014	Interdisciplinary Contexts in HCI II a	0-2	1	9	Annex 4
3HCIMA022	Interdisciplinary Contexts in HCI III a	0-2	1	9	Annex 4
3HCIMA023	Interdisciplinary Contexts in HCI IV a	0-2	1	9	Annex 4
3HCIMA015	Interdisciplinary Contexts in HCI I b	0-2	1	6	Annex 4
3HCIMA019	Interdisciplinary Contexts in HCI II b	0-2	1	6	Annex 4
3HCIMA020	Interdisciplinary Contexts in HCI III b	0-2	1	6	Annex 4
3HCIMA024	Interdisciplinary Contexts in HCI IV b	0-2	1	6	Annex 4

No.	Module	Course work requirement	Examination requirement	CP	Reference to module description
3HCIMA025	Interdisciplinary Contexts in HCI V b	0-2	1	6	Annex 4

The modules that can be chosen as the aforementioned modules in the “Current Research in HCI” and “Interdisciplinary Contexts in HCI” compulsory elective areas or study are announced every semester. A module that has already been taken cannot be taken again and/or used for one of the other modules from the respective or another compulsory elective area of study.

Annex 3: Module descriptions as per Article 2

With the use of a module in different (partial-) degree programs, the “compulsory” and/or “compulsory elective” status of the module can vary according to the (partial) degree program. The information in the module overview in § 8 or in the "compulsory elective modules" annex of the respective FPO is binding.

With the use of the module in several (partial) degree programs, the recommended semester refers to the degree program in which the module is originally located. In every other degree program in which the module is used, the recommended semester results from the course timetable.

No.	3HCIMA001		
Module title	Humans & Technology		
Compulsory/compulsory elective	C		
Duration of module	1		
Frequency	WiSe		
Teaching language	English/German		
CP	9		
HWS	6		
Classroom study	90		
Independent study	180		
Workload	270		
Form of teaching and learning	**Possible classes/module elements**	**Group size**	**HWS**
Lecture	HCI	20	3
Lecture	Analysis & Evaluation	20	3
Performances	**Form**	**Duration/ scope**	
Examination requirement	General examination with two examination elements (each with a 50% weighting): Written examination(s) and/or oral test(s). The form and scope of the examination performance will be announced no later than four weeks after the start of the class and/or classes.	45 to 90 min., 15 to 30 min.	
Course work requirement	---		
Qualification goals	Human Computer Interaction (HCI) and Analysis & Evaluation: • Consolidation of knowledge surrounding the fundamental principles of interaction design, theories of design, software and media ergonomics as well as organisational factors • The ability to evaluate and assess SW and media ergonomic factors as well as psychological factors • To gain knowledge about usability and empirical design methods in the HCI environment, design paradigms, introduction of different schools of thought and the interplay between technology, people and the environment • To evaluate academic papers from the HCI area as well as strengths and weaknesses of the practical methods available on the market		

Contents	Human Computer Interaction (HCI) • Principles of interaction design from perception, work and cognitive psychology • Theories of design: distributed cognition, activity theory, structuring theory • Affordances: design characteristics of the media channels text, image, video, audio and animation • Principles of task- and work analysis • Basic technologies: web-based systems, peer-to-peer systems, mobile and ubiquitous computing • Principles of software and media ergonomics • Methods of user-oriented interaction design • Organisational factors behind the design of complex interactions Analysis & Evaluation • In the history of Human Computer Interaction, various design paradigms have been developed over time. The lecture focuses on introducing these trends in HCI research with relative reference to empirical methods. It will cover which understanding of technology, man and natural as well as social environment respectively are taken as a basis, what relation the practices in the development and usage context are regarded in and which references to other disciplines are discussed here. Finally, the lecture will also deal with the issue of whether and how the relation between development concepts and practice can be organised as reflected technology development. Accordingly, the aim of the lecture is to present a pragmatically different view of good empirical design methods in the HCI area and therefore to provide an introduction to the various schools of thought of HCI. Terms that are significant for the respective empirical design methods will also be clarified here.
Usable in the following degree programs	Human-Computer Interaction (FPO-M 2019); Entrepreneurship and SME Management (FPO-M 2019), Business Information Systems (FPO-M 2019)
Requirements for participation	Formal: / In terms of content: /
Requirements for the awarding of CP	Examination must be passed

Attributes on the aforementioned module description as regards the examination regulations in the case of use in several degree programs

Possibility of retaking the examination(s) (number / dates)	The regulations in Article 2, § 10, para. 1 of the FPO-M HCI in the respectively valid version apply.			
Supplementary oral examination possible	**Yes:**		**After each attempt:** **After the last attempt:**	
	No:	X		
Retake examination for grade improvement possible	**Yes:**	X	Only for students enrolled in a course of study of the Fac. III, the FPO of which includes a provision for a retake examination for grade improvement.	
	No:			
Special attributes				

No.	3HCIMA002		
Module title	Design & Psychology		
Compulsory/compulsory elective	C		
Duration of module	1		
Frequency	SuSe		
Teaching language	English/German		
CP	9		
HWS	6		
Classroom study	90		
Independent study	180		
Workload	270		
Form of teaching and learning	**Possible classes/module elements**	**Group size**	**HWS**
Lecture	User Experience Design	20	3
Lecture	Psychology	20	3
Performances	**Form**	**Duration/ scope**	
Examination requirement	General examination with two examination elements (each with a 50% weighting): Written examination(s) and/or oral test(s). The form and scope of the examination performance will be announced no later than four weeks after the start of the class and/or classes.	45 to 90 min., 15 to 30 min.	
Course work requirement	---		
Qualification goals	User Experience Design (UXD) and Psychology: • Students know the basic concepts and existing models for describing "user experience" and can critically reflect on them. • Students understand the psychological concepts underlying the "User Experience" (e.g. well-being, experiencing, experience). • The key tools for the design of "user experience", e.g. methods of materialisation, have been introduced and applied using examples. • Case studies ("design cases") are critically reflected on and, where necessary, developed independently. • "Design" has been introduced as a research method. The students are able to classify the associated advantages and framework conditions on the basis of epistemological theory. • The students have a basic knowledge of work- and organisational psychology. • The students have a basic knowledge of the relationship between organisation, work and technology. • They have an insight into important tasks and problems in the organisational context, and learn about practical approaches to solutions with the use of examples.		

Contents	User Experience Design (UXD) • Introduction to the origins of UXD, its philosophical-theoretical background and relevance to other design paradigms. • Investigation of different UXD methods • Presentation of different UXD projects and their design implications as regards interaction with the end user Psychology • Experience and behaviour in organisations • Organisational theory: scientific management (Taylorism, Fordism), human relations, bureaucracy • Motivation • Group work, virtual teams, group dynamics • New forms of work, activity regulation • Organisational development and organisational learning • Organisational and technological development • Work analysis, evaluation and work design • Work and health, legal and ethical factors
Usable in the following degree programs	Human Computer Interaction (FPO-M 2019); Entrepreneurship and SME Management (FPO-M 2019), Business Information Systems (FPO-M 2019), FPO-M Psychology
Requirements for participation	Formal: / In terms of content: /
Requirements for the awarding of CP	Examination must be passed

Attributes on the aforementioned module description as regards the examination regulations in the case of use in several degree programs

Possibility of retaking the examination(s) (number / dates)	The regulations in Article 2, § 10, para. 1 of the FPO-M HCI in the respectively valid version apply.			
Supplementary oral examination possible	**Yes:**		**After each attempt:**	
			After the last attempt:	
	No:	X		
Retake examination for grade improvement possible	**Yes:**	X	Only for students who are enrolled on a degree program in fac. III whose FPO includes a provision for a retake examination for grade improvement.	
	No:			
Special attributes				

No.	3HCIMA017		
Module title	CSCW & CSCL		
Compulsory/compulsory elective	CE		
Duration of module	1		
Frequency	SuSe		
Teaching language	English/German		
CP	9		
HWS	6		
Classroom study	90		
Independent study	180		
Workload	270		
Form of teaching and learning	**Possible classes/module elements**	**Group size**	**HWS**
Lecture	CSCW	10	3
Lecture	CSCL	10	3
Performances	**Form**	**Duration/ scope**	
Examination requirement	General examination with two examination elements (each with a 50% weighting): Written examination(s) and/or oral test(s). The form and scope of the examination performance will be announced no later than four weeks after the start of the class and/or classes.	45 to 90 min., 15 to 30 min.	
Course work requirement	---		
Qualification goals	Computer-supported collaborative work (CSCW) and computer-supported cooperative learning (CSCL) • Knowledge about the fundamental principles of software architecture for synchronous and asynchronous teamwork, fundamental principles of social science, work-flow management systems, organisational- and technological design. • Understand cooperative work processes within socio-technological systems and to support them with the use of software • Learn to evaluate application systems for shared, cooperative work • Acquire knowledge about learning theories, e-learning concepts, learning systems and CSCL platforms • Learn to understand the process of learning as a theory which is fundamentally important for the individual as well as for the organisation as a whole. • Learn to analyse smart learning systems and CSCL platforms and evaluate their use for different domains.		

Contents	Computer-Supported Collaborative Work (CSCW) • Basics of social science (ethnography, small-group research, organisational theory) • Applications for supporting synchronous and asynchronous cooperation • Workflow management systems • Media spaces and cooperative virtual environments (CVE) • Functionality for the promotion of group perception (awareness) • Adjustable groupware systems • Development methods of cooperative systems • Integrated organisation- and technology design Computer-Supported Cooperative Learning (CSCL) • Historical overview of learning technologies • Overview and introduction of underlying learning theories (behaviourism, cognitivism, sociocultural and community-oriented learning theories) • Introduction to e-learning concepts • Introduction to concepts by authors and intelligent learning systems • Presentation of selected constructionist learning software • Introduction to evaluation methods of learning systems • Fundamental principles on the design of CSCL platforms • Case studies on the use of CSCL platforms • Presentation of special factors of current CSCL research
Usable in the following degree programs	Human Computer Interaction (FPO-M 2019); Media and Society (FPO-M 2019), Business Information Systems (FPO-M 2019)
Requirements for participation	Formal: / In terms of content: /
Requirements for the awarding of CP	Examination must be passed

Attributes on the aforementioned module description as regards the examination regulations in the case of use in several degree programs

Possibility of retaking the examination(s) (number / dates)	The regulations in Article 2, § 10, para. 1 of the FPO-M HCI in the respectively valid version apply.			
Supplementary oral examination possible	**Yes:**		**After each attempt:**	
			After the last attempt:	
	No:	X		
Retake examination for grade improvement possible	**Yes:**	X	Only for students who are enrolled on a degree program in fac. III whose FPO includes a provision for a retake examination for grade improvement.	
	No:			
Special attributes				

No.	3HCIMA018		
Module title	Ubiquitous Computing & Usable Security		
Compulsory/compulsory elective	CE		
Duration of module	1		
Frequency	SuSe		
Teaching language	English/German		
CP	9		
HWS	6		
Classroom study	90		
Independent study	180		
Workload	270		
Form of teaching and learning	**Possible classes/module elements**	**Group size**	**HWS**
Lecture	Ubiquitous Computing	10	3
Lecture	Usable Security	10	3
Performances	**Form**	**Duration/ scope**	
Examination requirement	General examination with two examination elements (each with a 50% weighting): Written examination(s) and/or oral test(s). The form and scope of the examination performance will be announced no later than four weeks after the start of the class and/or classes.	45 to 90 min., 15 to 30 min.	
Course work requirement	---		
Qualification goals	Ubiquitous Computing and Usable Security: • The students consolidate their familiarity with the basic concepts in the field of ubiquitous computing and are able to identify the new computer systems and apply relevant tools and terms from the fields of wearable computing and wireless sensor networks. • In the exercises, they learn how to develop software and user interfaces for wearables and sensor nodes and how to carry out user studies independently. • This course lays down the fundamental foundations on the understanding and development of security factors and network and distributed system security. It touches upon the design of multilaterally secure procedures in particular. The main focus of knowledge transfer is studying the underlying methods on the design of multilaterally safe applications in network and distributed system security. Further consideration should also be paid to ‘Selected Areas in Security and Privacy’. In this respect, the goal of the course is to address current areas of focus in international IT security research. Following an introductory foundation in the fields of research, the model of a "paper-reading class” from the USA and Scandinavia should be used. Scientific publications in particular should be compiled together under the guidance of a teaching assistant.		

Contents	Ubiquitous Computing • The term "Ubiquitous Computing" refers to the omnipresent nature of small, wireless-networked computers which can be built into or attached to any everyday object. Equipped with sensors, they are able to detect the object's environment or provide it with information processing and communication capabilities which give the objects a new, additional quality. This could also be accompanied by a paradigm shift in IT applications: away from the PC and the computer as a tool in the direction of “invisible computing”. The lecture provides an overview of the relevant concepts and basic technologies (e.g. wireless sensor networks, embedded systems, wearable computing), but also addresses more specific topics (e.g. context awareness, activity recognition, privacy and security problems, "Ubicomp" research methods). Usable Security • Protection goals • Security analysis • Multilateral security • Security of individual computers • Internet security • Security in mobile systems • Cryptographic protocols • Data privacy aware technology • Data protection, private sphere • Anonymisation and assessment of anonymising procedures • Identity management and personal identity management on the social web • Information flow control • Development of secure software, security assessment of applications • Secure multi-party computation • Location privacy • Security and usability
Usable in the following degree programs	Human Computer Interaction (FPO-M 2019); Business Information Systems (FPO-M 2019); Media and Society (FPO-M 2020)
Requirements for participation	Formal: / In terms of content: /
Requirements for the awarding of CP	Examination must be passed

Attributes on the aforementioned module description as regards the examination regulations in the case of use in several degree programs

Possibility of retaking the examination(s) (number / dates)	The regulations in Article 2, § 10, para. 1 of the FPO-M HCI in the respectively valid version apply.			
Supplementary oral examination possible	**Yes:**		**After each attempt:** **After the last attempt:**	
	No:	X		
Retake examination for grade improvement possible	**Yes:**	X	Only for students who are enrolled on a degree program in fac. III whose FPO includes a provision for a retake examination for grade improvement.	
	No:			
Special attributes				

No.	3HCIMA004		
Module title	Project A		
Compulsory/compulsory elective	C		
Duration of module	1		
Frequency	each semester		
Teaching language	English/German		
CP	9		
HWS	3		
Classroom study	45		
Independent study	225		
Workload	270		
Form of teaching and learning	**Possible classes/module elements**	**Group size**	**HWS**
Project	Practice	10	3
Performances	**Form**	**Duration/scope**	
Examination requirement	General examination with the following examination elements: Project report (weighting 60%) and Presentation (weighting 40%). The precise scope of the examination performance will be announced no later than four weeks after the start of the class and/or classes.	3-25 pages 30-90 min.	
Course work requirement	---		
Qualification goals	• Students are given the skills to apply and reflect on the theoretical and methodical knowledge acquired in the compulsory area – on a case-by-case basis – in a project-oriented course • Students get to know the current technical fields of human-technology interaction (robotics/autonomous systems, AI, VR/AR), as well as social fields of action (sustainability, well-being, change through digitalisation) on a practical basis through a specific technical human-technology interaction. • Students learn to solve complex problems independently and in a team within a given time frame. They acquire a problem-oriented approach to their work and studies. • Students learn how to summarise complex project results in a convincing way and to communicate them in a varied and convincing way. • Projects provide training in the students' independent work, team work and soft skills. They enable the students to better assess their own methodical, technical, work and social skills.		
Contents	• Projects address the current fields of action of HCI (technical, social) on a problem-oriented and consolidating basis • The topic can be located in both the academic research context and in cooperation with business enterprises. • The projects in the Project A module are aimed at students at the start of their master's degree program. They convey basic problem-centred working techniques, independent organisation of learning, communication and successful presentation. They provide an introduction to creative work, the use of available prototyping techniques and technologies (e.g. FabLab) and straightforward forms of analysis and evaluation. • The focus is on conveying basic skills for successful, independent, project-based learning. A project module is chosen and addressed from the available semester offer in the field of Practice. Three project modules (Project A, B and C) are completed throughout the course of study.		
Usable in the following degree programs	Human Computer Interaction (FPO-M 2019)		
Requirements for participation	Formal: / In terms of content: /		
Requirements for the awarding of CP	Examination must be passed		

Attributes on the aforementioned module description as regards the examination regulations in the case of use in several degree programs

<table>
<tr><td>Possibility of retaking the examination(s) (number / dates)</td><td colspan="4">The regulations in Article 2, § 10, para. 1 of the FPO-M HCI in the respectively valid version apply.</td></tr>
<tr><td>Supplementary oral examination possible</td><td>Yes:</td><td></td><td>After each attempt:
After the last attempt:</td><td></td></tr>
<tr><td></td><td>No:</td><td>X</td><td colspan="2"></td></tr>
<tr><td>Retake examination for grade improvement possible</td><td>Yes:</td><td>X</td><td colspan="2" rowspan="2">Only for students who are enrolled on a degree program in fac. III whose FPO includes a provision for a retake examination for grade improvement.</td></tr>
<tr><td>No:</td><td></td></tr>
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No.	3HCIMA005		
Module title	Project B		
Compulsory/compulsory elective	C		
Duration of module	1		
Frequency	each semester		
Teaching language	English/German		
CP	9		
HWS	3		
Classroom study	45		
Independent study	225		
Workload	270		
Form of teaching and learning	**Possible classes/module elements**	**Group size**	**HWS**
Project	Practice	10	3
Performances	**Form**	**Duration/scope**	
Examination requirement	General examination with the following examination elements: Project report (weighting 60%) and Presentation (weighting 40%). The precise scope of the examination performance will be announced no later than four weeks after the start of the class and/or classes.	3-25 pages 30-90 min.	
Course work requirement	---		
Qualification goals	• Students are given the skills to apply and reflect on the theoretical and methodical knowledge acquired in the compulsory area – on a case-by-case basis – in a project-oriented course. • Students get to know the current technical fields of human-technology interaction (robotics/autonomous systems, AI, VR/AR), as well as social fields of action (sustainability, well-being, change through digitalisation) on a practical basis through a specific technical human-technology interaction. • Students learn to solve complex problems independently and in a team within a given time frame. They acquire a problem-oriented approach to their work and studies. • Students learn how to summarise and communicate complex project results in a convincing way according to the rules of academic work and with the use of current presentation methods. • Projects provide training in the students' independent work, team work and soft skills. They enable the students to better assess their own methodical, technical, work and social skills.		
Contents	• Projects address the current fields of action of HCI (technical, social) on a problem-oriented and consolidating basis. • The topic can be located in both the academic research context and in cooperation with business enterprises. • The projects in the Project B module are aimed at students at the start of their master's degree program. They focus on an overarching and critical examination of the respective topic. • The focus is on consolidating the technical or social field(s) of action addressed in the topic in question. The students consolidate their methodological skills (analysis, design, implementation, evaluation) and the application of theoretical knowledge to current problems. A project module is chosen and addressed from the available semester offer in the field of Practice. Three project modules (Project A, B and C) are completed throughout the course of study.		
Usable in the following degree programs	Human Computer Interaction (FPO-M 2019)		
Requirements for participation	Formal: / In terms of content: /		
Requirements for the awarding of CP	Examination must be passed		

Attributes on the aforementioned module description as regards the examination regulations in the case of use in several degree programs

<table>
<tr><td>Possibility of retaking the examination(s) (number / dates)</td><td colspan="4">The regulations in Article 2, § 10, para. 1 of the FPO-M HCI in the respectively valid version apply.</td></tr>
<tr><td rowspan="2">Supplementary oral examination possible</td><td>Yes:</td><td></td><td>After each attempt:</td><td></td></tr>
<tr><td></td><td></td><td>After the last attempt:</td><td></td></tr>
<tr><td></td><td>No:</td><td>X</td><td colspan="2"></td></tr>
<tr><td rowspan="2">Retake examination for grade improvement possible</td><td>Yes:</td><td>X</td><td colspan="2" rowspan="2">Only for students enrolled in a course of study of the Fac. III, the FPO of which includes a provision for a retake examination for grade improvement.</td></tr>
<tr><td>No:</td><td></td></tr>
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No.	3HCIMA006		
Module title	Project C		
Compulsory/compulsory elective	C		
Duration of module	1		
Frequency	each semester		
Teaching language	English/German		
CP	9		
HWS	3		
Classroom study	45		
Independent study	225		
Workload	270		
Form of teaching and learning	**Possible classes/module elements**	**Group size**	**HWS**
Project	Practice	10	3
Performances	**Form**	**Duration/scope**	
Examination requirement	General examination with the following examination elements: Project report (weighting 60%) and Presentation (weighting 40%). The precise scope of the examination performance will be announced no later than four weeks after the start of the class and/or classes.	3-25 pages 30-90 min.	
Course work requirement	---		
Qualification goals	• Students are given the skills to apply and reflect on the theoretical and methodical knowledge acquired in the compulsory area – on a case-by-case basis – in a project-oriented course. • Students get to know the current technical fields of human-technology interaction (robotics/autonomous systems, AI, VR/AR), as well as social fields of action (sustainability, well-being, change through digitalisation) on a practical basis through a specific technical human-technology interaction. • Students learn to solve complex problems independently and in a team within a given time frame. They acquire a problem-oriented approach to their work and studies. • Students learn how to summarise and communicate complex project results in a convincing way according to the rules of academic work and with the use of current presentation methods. • Projects provide training in the students' independent work, team work and soft skills. They enable the students to better assess their own methodical, technical, work and social skills.		
Contents	• Projects address the current fields of action of HCI (technical, social) on a problem-oriented and consolidating basis • The topic can be located in both the academic research context and in cooperation with business enterprises. • Projects in the Project C module are aimed at students shortly before their master's thesis. They focus on an overarching and critical examination of the respective topic. • The focus is on the independent elaboration of abstract themes, among others, in personally chosen technical and/or social fields of action. Projects in the "Project C" module can be supervised both as group and individual work. Students can also contribute their own topic ideas. A project module is chosen and addressed from the available semester offer in the field of Practice. Three project modules (Project A, B and C) are completed throughout the course of study.		
Usable in the following degree programs	Human Computer Interaction (FPO-M 2019)		
Requirements for participation	Formal: / In terms of content: /		
Requirements for the awarding of CP	Examination must be passed		

Attributes on the aforementioned module description as regards the examination regulations in the case of use in several degree programs

Possibility of retaking the examination(s) (number / dates)	The regulations in Article 2, § 10, para. 1 of the FPO-M HCI in the respectively valid version apply.			
Supplementary oral examination possible	**Yes:**		**After each attempt:**	
			After the last attempt:	
	No:	X		
Retake examination for grade improvement possible	**Yes:**	X	Only for students enrolled in a course of study of the Fac. III, the FPO of which includes a provision for a retake examination for grade improvement.	
	No:			
Special attributes				

No.	3HCIMA008		
Module title	Current Research in HCI I		
Compulsory/compulsory elective	CE		
Duration of module	1		
Frequency	each semester		
Teaching language	English/German		
CP	6		
HWS	4		
Classroom study	60		
Independent study	120		
Workload	180		
Form of teaching and learning	**Possible classes/module elements**	**Group size**	**HWS**
The students choose two seminars from the respective semester offering.			
Seminar	Current Research in HCI I	20	2
Seminar	Current Research in HCI I	20	2
Performances	**Form**	**Duration/scope**	
Examination requirement	General examination with the following examination elements: Seminar paper during semester (weighting 30%) and presentation during semester (weighting 20%) + seminar paper during semester (weighting 30%) and presentation during semester (weighting 20%) The precise scope of the examination performance will be announced no later than four weeks after the start of the class and/or classes.	3-6 pages, 15-30 min., 3-6 pages, 15-30 min.,	
Course work requirement	---		
Qualification goals	• Students acquire in-depth knowledge surrounding the specialist factors and/or current topics regarding HCI. In addition to the introductory events from the compulsory area of study, individual academic topics of HCI with current relevance are included here and generally reflected on critically by addressing the original literature. • Practice and consolidation of scientific research methods: Researching, understanding, summarising and critical reflection on academic texts, writing academic texts. • Understanding various research traditions and forms of knowledge: quantitative/qualitative empirical science, humanities, design. • Specific, up-to-date consolidation for the development of the personal profile of the students.		
Contents	• Current topics from the field of HCI are addressed, covered, consolidated and structured in the seminar. • Related academic literature is generally read, presented, discussed in the group and then prepared in writing (seminar paper). • The topics generally constitute advanced study of the compulsory modules. In particular, current contents are to be addressed. The topics correspond to the usual fields of action of the HCI, i.e. they deal with psychological/sociological questions regarding the embedding technology in everyday life, its effects, its design and the necessary processes, methods and technologies.		
Usable in the following degree programs	Human Computer Interaction (FPO-M 2019)		
Requirements for participation	Formal: / In terms of content: /		
Requirements for the awarding of CP	Examination must be passed		

Attributes on the aforementioned module description as regards the examination regulations in the case of use in several degree programs

Possibility of retaking the examination(s) (number / dates)	The regulations in Article 2, § 10, para. 1 of the FPO-M HCI in the respectively valid version apply.

Supplementary oral examination possible	**Yes:**		**After each attempt:**		
			After the last attempt:		
	No:	x			
Retake examination for grade improvement possible	**Yes:**				
	No:	x			
Special attributes					

No.	3HCIMA009		
Module title	Current Research in HCI II		
Compulsory/compulsory elective	CE		
Duration of module	1		
Frequency	each semester		
Teaching language	English/German		
CP	6		
HWS	4		
Classroom study	60		
Independent study	120		
Workload	180		
Form of teaching and learning	**Possible classes/module elements**	**Group size**	**HWS**
The students choose two seminars from the respective semester offering.			
Seminar	Current Research in HCI II	20	2
Seminar	Current Research in HCI II	20	2
Performances	**Form**	**Duration/scope**	
Examination requirement	General examination with the following examination elements: Seminar paper during semester (weighting 30%) and presentation during semester (weighting 20%) + seminar paper during semester (weighting 30%) and presentation during semester (weighting 20%) The precise scope of the examination performance will be announced no later than four weeks after the start of the class and/or classes.	3-6 pages, 15-30 min., 3-6 pages, 15-30 min.,	
Course work requirement	---		
Qualification goals	• Students acquire in-depth knowledge surrounding the specialist factors and/or current topics regarding HCI. In addition to the introductory events from the compulsory area of study, individual academic topics of HCI with current relevance are included here and generally reflected on critically by addressing the original literature. • Practice and consolidation of scientific research methods: Researching, understanding, summarising and critical reflection on academic texts, writing academic texts. • Understanding various research traditions and forms of knowledge: quantitative/qualitative empirical science, humanities, design. • Specific, up-to-date consolidation for the development of the personal profile of the students.		
Contents	• Current topics from the field of HCI are addressed, covered, consolidated and structured in the seminar. • Related academic literature is generally read, presented, discussed in the group and then prepared in writing (seminar paper). • The topics generally constitute advanced study of the compulsory modules. In particular, current contents are to be addressed. The topics correspond to the usual fields of action of the HCI, i.e. they deal with psychological/sociological questions regarding the embedding technology in everyday life, its effects, its design and the necessary processes, methods and technologies.		
Usable in the following degree programs	Human Computer Interaction (FPO-M 2019)		
Requirements for participation	Formal: / In terms of content: /		
Requirements for the awarding of CP	Examination must be passed		

Attributes on the aforementioned module description as regards the examination regulations in the case of use in several degree programs

Possibility of retaking the examination(s) (number / dates)	The regulations in Article 2, § 10, para. 1 of the FPO-M HCI in the respectively valid version apply.

Supplementary oral examination possible	**Yes:**		**After each attempt:**	
			After the last attempt:	
	No:	X		
Retake examination for grade improvement possible	**Yes:**			
	No:	x		
Special attributes				

No.	3HCIMA010		
Module title	Current Research in HCI III		
Compulsory/compulsory elective	CE		
Duration of module	1		
Frequency	each semester		
Teaching language	English/German		
CP	6		
HWS	4		
Classroom study	60		
Independent study	120		
Workload	180		
Form of teaching and learning	**Possible classes/module elements**	**Group size**	**HWS**
The students choose two seminars from the respective semester offering.			
Seminar	Current Research in HCI III	20	2
Seminar	Current Research in HCI III	20	2
Performances	**Form**	**Duration/scope**	
Examination requirement	General examination with the following examination elements: Seminar paper during semester (weighting 30%) and presentation during semester (weighting 20%) + seminar paper during semester (weighting 30%) and presentation during semester (weighting 20%) The precise scope of the examination performance will be announced no later than four weeks after the start of the class and/or classes.	3-6 pages, 15-30 min., 3-6 pages, 15-30 min.,	
Course work requirement	---		
Qualification goals	• Students acquire in-depth knowledge surrounding the specialist factors and/or current topics regarding HCI. In addition to the introductory events from the compulsory area of study, individual academic topics of HCI with current relevance are included here and generally reflected on critically by addressing the original literature. • Practice and consolidation of scientific research methods: Researching, understanding, summarising and critical reflection on academic texts, writing academic texts. • Understanding various research traditions and forms of knowledge: quantitative/qualitative empirical science, humanities, design. • Specific, up-to-date consolidation for the development of the personal profile of the students.		
Contents	• Current topics from the field of HCI are addressed, covered, consolidated and structured in the seminar. • Related academic literature is generally read, presented, discussed in the group and then prepared in writing (seminar paper). • The topics generally constitute advanced study of the compulsory modules. In particular, current contents are to be addressed. The topics correspond to the usual fields of action of the HCI, i.e. they deal with psychological/sociological questions regarding the embedding technology in everyday life, its effects, its design and the necessary processes, methods and technologies.		
Usable in the following degree programs	Human Computer Interaction (FPO-M 2019)		
Requirements for participation	Formal: / In terms of content: /		
Requirements for the awarding of CP	Examination must be passed		

Attributes on the aforementioned module description as regards the examination regulations in the case of use in several degree programs

Possibility of retaking the examination(s) (number / dates)	The regulations in Article 2, § 10, para. 1 of the FPO-M HCI in the respectively valid version apply.

Supplementary oral examination possible	**Yes:**		**After each attempt:**	
			After the last attempt:	
	No:	x		
Retake examination for grade improvement possible	**Yes:**			
	No:	x		
Special attributes				

No.	3HCIMA021		
Module title	Current Research in HCI IV		
Compulsory/compulsory elective	CE		
Duration of module	1		
Frequency	each semester		
Teaching language	English/German		
CP	6		
HWS	4		
Classroom study	60		
Independent study	120		
Workload	180		
Form of teaching and learning	**Possible classes/module elements**	**Group size**	**HWS**
The students choose two seminars from the respective semester offering.			
Seminar	Current Research in HCI IV	20	2
Seminar	Current Research in HCI IV	20	2
Performances	**Form**	**Duration/scope**	
Examination requirement	General examination with the following examination elements: Seminar paper during semester (weighting 30%) and presentation during semester (weighting 20%) + seminar paper during semester (weighting 30%) and presentation during semester (weighting 20%) The precise scope of the examination performance will be announced no later than four weeks after the start of the class and/or classes.	3-6 pages, 15-30 min., 3-6 pages, 15-30 min.,	
Course work requirement	---		
Qualification goals	• Students acquire in-depth knowledge surrounding the specialist factors and/or current topics regarding HCI. In addition to the introductory events from the compulsory area of study, individual academic topics of HCI with current relevance are included here and generally reflected on critically by addressing the original literature. • Practice and consolidation of scientific research methods: Researching, understanding, summarising and critical reflection on academic texts, writing academic texts. • Understanding various research traditions and forms of knowledge: quantitative/qualitative empirical science, humanities, design. • Specific, up-to-date consolidation for the development of the personal profile of the students.		
Contents	• Current topics from the field of HCI are addressed, covered, consolidated and structured in the seminar. • Related academic literature is generally read, presented, discussed in the group and then prepared in writing (seminar paper). • The topics generally constitute advanced study of the compulsory modules. In particular, current contents are to be addressed. The topics correspond to the usual fields of action of the HCI, i.e. they deal with psychological/sociological questions regarding the embedding technology in everyday life, its effects, its design and the necessary processes, methods and technologies.		
Usable in the following degree programs	Human Computer Interaction (FPO-M 2019)		
Requirements for participation	Formal: / In terms of content: /		
Requirements for the awarding of CP	Examination must be passed		

Attributes on the aforementioned module description as regards the examination regulations in the case of use in several degree programs

Possibility of retaking the examination(s) (number / dates)	The regulations in Article 2, § 10, para. 1 of the FPO-M HCI in the respectively valid version apply.

Supplementary oral examination possible	**Yes:**		**After each attempt:**	
			After the last attempt:	
	No:	x		
Retake examination for grade improvement possible	**Yes:**			
	No:	x		
Special attributes				

No.	3HCIMA011		
Module title	Internship		
Compulsory/compulsory elective	CE		
Duration of module	1		
Frequency	Infrequent		
Teaching language	English/German		
CP	6		
HWS	Minimum 6-week internship		
Classroom study	---		
Independent study	---		
Workload	180		
Form of teaching and learning	**Possible classes/module elements**	**Group size**	**HWS**
Placement			
Performances	**Form**	**Duration/scope**	
Examination requirement	---		
Course work requirement	Successful completion of internship according to internship regulations		
Qualification goals	• The students gain practical experience in an HCI-relevant work context according to their personal requirements. • They actively develop their professional network. • They consolidate the contents of the studies that they have learned prior to the internship in a real-life context and document them in the form of a report on the internship. The internship regulations (official notice 22/2019) apply in the otherwise valid version.		
Contents	The operations carried out during the placement should be directly related to the contents taught during their studies. Before, during and after the internship, discussions should ensure the professional proximity to the studies.		
Usable in the following degree programs	Human Computer Interaction (FPO-M 2019)		
Requirements for participation	Formal: / In terms of content: /		
Requirements for the awarding of CP	Course work performance passed		

Attributes on the aforementioned module description as regards the examination regulations in the case of use in several degree programs

Possibility of retaking the examination(s) (number / dates)				
Supplementary oral examination possible	**Yes:**		**After each attempt:**	
			After the last attempt:	
	No:	X		
Retake examination for grade improvement possible	**Yes:**			
	No:	X		
Special attributes				

No.	3HCIMA013		
Module title	Interdisciplinary Contexts in HCI I a		
Compulsory/compulsory elective	CE		
Duration of module	1		
Frequency	WiSe + SuSe		
Teaching language	English/German		
CP	9		
HWS	According to the selected module		
Classroom study	According to the selected module		
Independent study	According to the selected module		
Workload	270		
Form of teaching and learning	**Possible classes/module elements**	**Group size**	**HWS**
The forms of teaching correspond to those of the selected module.			
Performances	**Form**	**Duration/scope**	
Examination requirement	One examination performance. The precise form and scope of the examination performance will be announced by the teachers at the start of the class and/or classes. The specific examination performance which is to be performed depends on the competencies to be examined in each case.		
Course work requirement	Up to two course work performances. If course work is intended, the teaching staff will announce the form and scope of the course work no later than four weeks after the beginning of the course.		
Qualification goals	Students can select interdisciplinary study elements according to their individual areas of special focus. The module provides the opportunity to gain knowledge from other disciplines which can be combined with HCI study elements an interdisciplinary research or practice context and which contribute to the advanced study and/or specialisation in the field of HCI.		
Contents	As the "Interdisciplinary Contexts in HCI I a" module, one module can be selected once from the "Interdisciplinary Contexts in HCI" module catalogue. The content is oriented to the modules that can be completed. Modules are offered in the scope of 9 credit points from the student's faculty of study and from other faculties which contain study elements that find application in the context of HCI. The available modules are published each semester in the course catalogue no later than 1 semester before the start of teaching.		
Usable in the following degree programs	Human Computer Interaction (FPO-M 2019)		
Requirements for participation	Formal: Students are only allowed to select modules that they have not completed before. In terms of content: /		
Requirements for the awarding of CP	Examination must be passed. If course work is required, passing the course work is necessary for the awarding of the CP.		

Attributes on the aforementioned module description as regards the examination regulations in the case of use in several degree programs

Possibility of retaking the examination(s) (number / dates)				
Supplementary oral examination possible	**Yes:**		**After each attempt:**	
			After the last attempt:	
	No:			
Retake examination for grade improvement possible	**Yes:**			
	No:			
Special attributes	With regard to the examination arrangements, the regulations of the selected module are decisive.			

No.	3HCIMA014		
Module title	Interdisciplinary Contexts in HCI II a		
Compulsory/compulsory elective	CE		
Duration of module	1		
Frequency	WiSe + SuSe		
Teaching language	English/German		
CP	9		
HWS	According to the selected module		
Classroom study	According to the selected module		
Independent study	According to the selected module		
Workload	270		
Form of teaching and learning	**Possible classes/module elements**	**Group size**	**HWS**
The forms of teaching correspond to those of the selected module.			
Performances	**Form**	**Duration/scope**	
Examination requirement	One examination performance. The precise form and scope of the examination performance will be announced by the teachers at the start of the class and/or classes. The specific examination performance which is to be performed depends on the competencies to be examined in each case.		
Course work requirement	Up to two course work performances. If course work is intended, the teaching staff will announce the form and scope of the course work no later than four weeks after the beginning of the course.		
Qualification goals	Students can select interdisciplinary study elements according to their individual areas of special focus. The module provides the opportunity to gain knowledge from other disciplines which can be combined with HCI study elements an interdisciplinary research or practice context and which contribute to the advanced study and/or specialisation in the field of HCI.		
Contents	As the "Interdisciplinary Contexts in HCI II a" module, one module can be selected once from the "Interdisciplinary Contexts in HCI" module catalogue. The content is oriented to the modules that can be completed. Modules are offered in the scope of 9 credit points from the student's faculty of study and from other faculties which contain study elements that find application in the context of HCI. The available modules are published each semester in the course catalogue no later than 1 semester before the start of teaching.		
Usable in the following degree programs	Human Computer Interaction (FPO-M 2019)		
Requirements for participation	Formal: Students are only allowed to select modules that they have not completed before. In terms of content: /		
Requirements for the awarding of CP	Examination must be passed. If course work is required, passing the course work is necessary for the awarding of the CP.		

Attributes on the aforementioned module description as regards the examination regulations in the case of use in several degree programs

Possibility of retaking the examination(s) (number / dates)				
Supplementary oral examination possible	**Yes:**		**After each attempt:**	
			After the last attempt:	
	No:			
Retake examination for grade improvement possible	**Yes:**			
	No:			
Special attributes	With regard to the examination arrangements, the regulations of the selected module are decisive.			

No.	3HCIMA022		
Module title	Interdisciplinary Contexts in HCI III a		
Compulsory/compulsory elective	CE		
Duration of module	1		
Frequency	WiSe + SuSe		
Teaching language	English/German		
CP	9		
HWS	According to the selected module		
Classroom study	According to the selected module		
Independent study	According to the selected module		
Workload	270		
Form of teaching and learning	**Possible classes/module elements**	**Group size**	**HWS**
The forms of teaching correspond to those of the selected module.			
Performances	**Form**	**Duration/scope**	
Examination requirement	One examination performance. The precise form and scope of the examination performance will be announced by the teachers at the start of the class and/or classes. The specific examination performance which is to be performed depends on the competencies to be examined in each case.		
Course work requirement	Up to two course work performances. If course work is intended, the teaching staff will announce the form and scope of the course work no later than four weeks after the beginning of the course.		
Qualification goals	Students can select interdisciplinary study elements according to their individual areas of special focus. The module provides the opportunity to gain knowledge from other disciplines which can be combined with HCI study elements an interdisciplinary research or practice context and which contribute to the advanced study and/or specialisation in the field of HCI.		
Contents	As the "Interdisciplinary Contexts in HCI III a" module, one module can be selected once from the "Interdisciplinary Contexts in HCI" module catalogue. The content is oriented to the modules that can be completed. Modules are offered in the scope of 9 credit points from the student's faculty of study and from other faculties which contain study elements that find application in the context of HCI. The available modules are published each semester in the course catalogue no later than 1 semester before the start of teaching.		
Usable in the following degree programs	Human Computer Interaction (FPO-M 2019)		
Requirements for participation	Formal: Students are only allowed to selected modules that they have not completed before. In terms of content: /		
Requirements for the awarding of CP	Examination must be passed. If course work is required, passing the course work is necessary for the awarding of the CP.		

Attributes on the aforementioned module description as regards the examination regulations in the case of use in several degree programs

Possibility of retaking the examination(s) (number / dates)				
Supplementary oral examination possible	**Yes:**		**After each attempt:**	
			After the last attempt:	
	No:			
Retake examination for grade improvement possible	**Yes:**			
	No:			
Special attributes	With regard to the examination arrangements, the regulations of the selected module are decisive.			

No.	3HCIMA023		
Module title	Interdisciplinary Contexts in HCI IV a		
Compulsory/compulsory elective	CE		
Duration of module	1		
Frequency	WiSe + SuSe		
Teaching language	English/German		
CP	9		
HWS	According to the selected module		
Classroom study	According to the selected module		
Independent study	According to the selected module		
Workload	270		
Form of teaching and learning	**Possible classes/module elements**	**Group size**	**HWS**
The forms of teaching correspond to those of the selected module.			
Performances	**Form**	**Duration/scope**	
Examination requirement	One examination performance. The precise form and scope of the examination performance will be announced by the teachers at the start of the class and/or classes. The specific examination performance which is to be performed depends on the competencies to be examined in each case.		
Course work requirement	Up to two course work performances. If course work is intended, the teaching staff will announce the form and scope of the course work no later than four weeks after the beginning of the course.		
Qualification goals	Students can select interdisciplinary study elements according to their individual areas of special focus. The module provides the opportunity to gain knowledge from other disciplines which can be combined with HCI study elements an interdisciplinary research or practice context and which contribute to the advanced study and/or specialisation in the field of HCI.		
Contents	As the "Interdisciplinary Contexts in HCI IV a" module, one module can be selected once from the "Interdisciplinary Contexts in HCI" module catalogue. The content is oriented to the modules that can be completed. Modules are offered in the scope of 9 credit points from the student's faculty of study and from other faculties which contain study elements that find application in the context of HCI. The available modules are published each semester in the course catalogue no later than 1 semester before the start of teaching.		
Usable in the following degree programs	Human Computer Interaction (FPO-M 2019)		
Requirements for participation	Formal: Students are only allowed to selected modules that they have not completed before. In terms of content: /		
Requirements for the awarding of CP	Examination must be passed. If course work is required, passing the course work is necessary for the awarding of the CP.		

No.	3HCIMA015		
Module title	Interdisciplinary Contexts in HCI I b		
Compulsory/compulsory elective	CE		
Duration of module	1		
Frequency	WiSe + SuSe		
Teaching language	English/German		
CP	6		
HWS	According to the selected module		
Classroom study	60		
Independent study	120		
Workload	180		
Form of teaching and learning	**Possible classes/module elements**	**Group size**	**HWS**
The forms of teaching correspond to those of the selected module.			
Performances	**Form**	**Duration/scope**	
Examination requirement	One examination performance. The precise form and scope of the examination performance will be announced by the teachers at the start of the class and/or classes. The specific examination performance which is to be performed depends on the competencies to be examined in each case.		
Course work requirement	Up to two course work performances. If course work is intended, the teaching staff will announce the form and scope of the course work no later than four weeks after the beginning of the course.		
Qualification goals	Students can select interdisciplinary study elements according to their individual areas of special focus. The module provides the opportunity to gain knowledge from other disciplines which can be combined with HCI study elements an interdisciplinary research or practice context and which contribute to the advanced study and/or specialisation in the field of HCI.		
Contents	As the "Interdisciplinary Contexts in HCI I b" module, one module can be selected once from the "Interdisciplinary Contexts in HCI" module catalogue. The content is oriented to the modules that can be completed. Modules are offered in the scope of 6 credit points from the student's faculty of study and from other faculties which contain study elements that find application in the context of HCI. The content is oriented to the modules that can be completed. The available modules are published each semester in the course catalogue no later than 1 semester before the start of teaching.		
Usable in the following degree programs	Human Computer Interaction (FPO-M 2019)		
Requirements for participation	Formal: Students are only allowed to select modules that they have not completed before. In terms of content: /		
Requirements for the awarding of CP	Examination must be passed. If course work is required, passing the course work is necessary for the awarding of the CP.		

Attributes on the aforementioned module description as regards the examination regulations in the case of use in several degree programs

Possibility of retaking the examination(s) (number / dates)				
Supplementary oral examination possible	**Yes:**		**After each attempt:**	
			After the last attempt:	
	No:			
Retake examination for grade improvement possible	**Yes:**			
	No:			
Special attributes	With regard to the examination arrangements, the regulations of the selected module are decisive.			

No.	3HCIMA019		
Module title	Interdisciplinary Contexts in HCI II b		
Compulsory/compulsory elective	CE		
Duration of module	1		
Frequency	WiSe + SuSe		
Teaching language	English/German		
CP	6		
HWS	According to the selected module		
Classroom study	60		
Independent study	120		
Workload	180		
Form of teaching and learning	**Possible classes/module elements**	**Group size**	**HWS**
The forms of teaching correspond to those of the selected module.			
Performances	**Form**	**Duration/scope**	
Examination requirement	One examination performance. The precise form and scope of the examination performance will be announced by the teachers at the start of the class and/or classes. The specific examination performance which is to be performed depends on the competencies to be examined in each case.		
Course work requirement	Up to two course work performances. If course work is intended, the teaching staff will announce the form and scope of the course work no later than four weeks after the beginning of the course.		
Qualification goals	Students can select interdisciplinary study elements according to their individual areas of special focus. The module provides the opportunity to gain knowledge from other disciplines which can be combined with HCI study elements an interdisciplinary research or practice context and which contribute to the advanced study and/or specialisation in the field of HCI.		
Contents	As the "Interdisciplinary Contexts in HCI II b" module, one module can be selected once from the "Interdisciplinary Contexts in HCI" module catalogue. The content is oriented to the modules that can be completed. Modules are offered in the scope of 6 credit points from the student's faculty of study and from other faculties which contain study elements that find application in the context of HCI. The content is oriented to the modules that can be completed. The available modules are published each semester in the course catalogue no later than 1 semester before the start of teaching.		
Usable in the following degree programs	Human Computer Interaction (FPO-M 2019)		
Requirements for participation	Formal: Students are only allowed to select modules that they have not completed before. In terms of content: /		
Requirements for the awarding of CP	Examination must be passed. If course work is required, passing the course work is necessary for the awarding of the CP.		

Attributes on the aforementioned module description as regards the examination regulations in the case of use in several degree programs

Possibility of retaking the examination(s) (number / dates)				
Supplementary oral examination possible	**Yes:**		**After each attempt:**	
			After the last attempt:	
	No:			
Retake examination for grade improvement possible	**Yes:**			
	No:			
Special attributes	With regard to the examination arrangements, the regulations of the selected module are decisive.			

No.	3HCIMA020		
Module title	Interdisciplinary Contexts in HCI III b		
Compulsory/compulsory elective	CE		
Duration of module	1		
Frequency	WiSe + SuSe		
Teaching language	English/German		
CP	6		
HWS	According to the selected module		
Classroom study	60		
Independent study	120		
Workload	180		
Form of teaching and learning	**Possible classes/module elements**	**Group size**	**HWS**
The forms of teaching correspond to those of the selected module.			
Performances	**Form**	**Duration/scope**	
Examination requirement	One examination performance. The precise form and scope of the examination performance will be announced by the teachers at the start of the class and/or classes. The specific examination performance which is to be performed depends on the competencies to be examined in each case.		
Course work requirement	Up to two course work performances. If course work is intended, the teaching staff will announce the form and scope of the course work no later than four weeks after the beginning of the course.		
Qualification goals	Students can select interdisciplinary study elements according to their individual areas of special focus. The module provides the opportunity to gain knowledge from other disciplines which can be combined with HCI study elements an interdisciplinary research or practice context and which contribute to the advanced study and/or specialisation in the field of HCI.		
Contents	As the "Interdisciplinary Contexts in III b" module, one module can be selected once from the "Interdisciplinary Contexts in HCI" module catalogue. The content is oriented to the modules that can be completed. Modules are offered in the scope of 6 credit points from the student's faculty of study and from other faculties which contain study elements that find application in the context of HCI. The content is oriented to the modules that can be completed. The available modules are published each semester in the course catalogue no later than 1 semester before the start of teaching.		
Usable in the following degree programs	Human Computer Interaction (FPO-M 2019)		
Requirements for participation	Formal: Students are only allowed to select modules that they have not completed before. In terms of content: /		
Requirements for the awarding of CP	Examination must be passed. If course work is required, passing the course work is necessary for the awarding of the CP.		

Attributes on the aforementioned module description as regards the examination regulations in the case of use in several degree programs

Possibility of retaking the examination(s) (number / dates)				
Supplementary oral examination possible	**Yes:**		**After each attempt:**	
			After the last attempt:	
	No:			
Retake examination for grade improvement possible	**Yes:**			
	No:			
Special attributes	With regard to the examination arrangements, the regulations of the selected module are decisive.			

No.	3HCIMA024		
Module title	Interdisciplinary Contexts in HCI IV b		
Compulsory/compulsory elective	CE		
Duration of module	1		
Frequency	WiSe + SuSe		
Teaching language	English/German		
CP	9		
HWS	According to the selected module		
Classroom study	According to the selected module		
Independent study	According to the selected module		
Workload	270		
Form of teaching and learning	**Possible classes/module elements**	**Group size**	**HWS**
The forms of teaching correspond to those of the selected module.			
Performances	**Form**	**Duration/scope**	
Examination requirement	One examination performance. The precise form and scope of the examination performance will be announced by the teachers at the start of the class and/or classes. The specific examination performance which is to be performed depends on the competencies to be examined in each case.		
Course work requirement	Up to two course work performances. If course work is intended, the teaching staff will announce the form and scope of the course work no later than four weeks after the beginning of the course.		
Qualification goals	Students can select interdisciplinary study elements according to their individual areas of special focus. The module provides the opportunity to gain knowledge from other disciplines which can be combined with HCI study elements an interdisciplinary research or practice context and which contribute to the advanced study and/or specialisation in the field of HCI.		
Contents	As the "Interdisciplinary Contexts in HCI IV b" module, one module can be selected once from the "Interdisciplinary Contexts in HCI" module catalogue. The content is oriented to the modules that can be completed. Modules are offered in the scope of 9 credit points from the student's faculty of study and from other faculties which contain study elements that find application in the context of HCI. The available modules are published each semester in the course catalogue no later than 1 semester before the start of teaching.		
Usable in the following degree programs	Human Computer Interaction (FPO-M 2019)		
Requirements for participation	Formal: Students are only allowed to selected modules that they have not completed before. In terms of content: /		
Requirements for the awarding of CP	Examination must be passed. If course work is required, passing the course work is necessary for the awarding of the CP.		

Attributes on the aforementioned module description as regards the examination regulations in the case of use in several degree programs

Possibility of retaking the examination(s) (number / dates)				
Supplementary oral examination possible	**Yes:**		**After each attempt:**	
			After the last attempt:	
	No:			
Retake examination for grade improvement possible	**Yes:**			
	No:			
Special attributes	With regard to the examination arrangements, the regulations of the selected module are decisive.			

No.	3HCIMA025		
Module title	Interdisciplinary Contexts in HCI V b		
Compulsory/compulsory elective	CE		
Duration of module	1		
Frequency	WiSe + SuSe		
Teaching language	English/German		
CP	9		
HWS	According to the selected module		
Classroom study	According to the selected module		
Independent study	According to the selected module		
Workload	270		
Form of teaching and learning	**Possible classes/module elements**	**Group size**	**HWS**
The forms of teaching correspond to those of the selected module.			
Performances	**Form**	**Duration/scope**	
Examination requirement	One examination performance. The precise form and scope of the examination performance will be announced by the teachers at the start of the class and/or classes. The specific examination performance which is to be performed depends on the competencies to be examined in each case.		
Course work requirement	Up to two course work performances. If course work is intended, the teaching staff will announce the form and scope of the course work no later than four weeks after the beginning of the course.		
Qualification goals	Students can select interdisciplinary study elements according to their individual areas of special focus. The module provides the opportunity to gain knowledge from other disciplines which can be combined with HCI study elements an interdisciplinary research or practice context and which contribute to the advanced study and/or specialisation in the field of HCI.		
Contents	As the "Interdisciplinary Contexts in HCI V b" module, one module can be selected once from the "Interdisciplinary Contexts in HCI" module catalogue. The content is oriented to the modules that can be completed. Modules are offered in the scope of 9 credit points from the student's faculty of study and from other faculties which contain study elements that find application in the context of HCI. The available modules are published each semester in the course catalogue no later than 1 semester before the start of teaching.		
Usable in the following degree programs	Human Computer Interaction (FPO-M 2019)		
Requirements for participation	Formal: Students are only allowed to selected modules that they have not completed before. In terms of content: /		
Requirements for the awarding of CP	Examination must be passed. If course work is required, passing the course work is necessary for the awarding of the CP.		

Attributes on the aforementioned module description as regards the examination regulations in the case of use in several degree programs

Possibility of retaking the examination(s) (number / dates)				
Supplementary oral examination possible	**Yes:**		**After each attempt:**	
			After the last attempt:	
	No:			
Retake examination for grade improvement possible	**Yes:**			
	No:			
Special attributes	With regard to the examination arrangements, the regulations of the selected module are decisive.			

No.	3HCIMA016		
Module title	Human-Computer Interaction master's thesis		
Compulsory/compulsory elective	C		
Duration of module	1		
Frequency	Infrequent		
Teaching language	English/German		
CP	30		
HWS	0		
Classroom study	0		
Independent study	900		
Workload	900		
Form of teaching and learning	**Possible classes/module elements**	**Group size**	**HWS**
Performances	**Form**	**Duration/scope**	
Examination requirement	Master's thesis with colloquium	max. 100 pages	
Course work requirement	---		
Qualification goals	Skills / knowledge on: - Independent handling of a problem from the field of Human-Computer Interaction - Solving of a problem within a predefined time - Application of academic methods Based on this, the students are able to: - explore a given problem with an academic approach - find a solution to the given problem within the given time - academically document the whole process of the problem, solution-finding and the results		
Contents	The master's thesis is a test paper which completes the academic education. It aims to demonstrate that the student is capable of dealing with a problem from the specialist area independently with scientific methods and within a given deadline. The topic must be derived from the area of Human Computer Interaction.		
Usable in the following degree programs	Human Computer Interaction (FPO-M 2019)		
Requirements for participation	Formal: Previous acquisition of at least 70 CP, successful completion of the project modules 3HCIMA004, 3HCIMA005 and 3HCIMA006). In terms of content: /		
Requirements for the awarding of CP	Examination must be passed		

Attributes on the aforementioned module description as regards the examination regulations in the case of use in several degree programs

Possibility of retaking the examination(s) (number / dates)				
Supplementary oral examination possible	**Yes:**		**After each attempt:**	
			After the last attempt:	
	No:	X		
Retake examination for grade improvement possible	**Yes:**			
	No:	X		
Special attributes				

Annex 4: Module descriptions for modules which are only available for export, according to Article 5

With the use of a module in different (partial-) degree programs, the “compulsory” and/or “compulsory elective” status of the module can vary according to the (partial) degree program. The information in the module overview in § 8 or
in the "compulsory elective modules" annex of the respective FPO is binding.

No.	3HCIMAEX001		
Module title	Selected Topics of Human-Computer Interaction		
Compulsory/compulsory elective	CE		
Duration of module	1		
Frequency	each semester		
Teaching language	English/German		
CP	9		
HWS	6		
Classroom study	90		
Independent study	180		
Workload	270		
Form of teaching and learning	**Possible classes/module elements**	**Group size**	**HWS**
The students choose three seminars from the respective semester offering.			
Seminar	Current Research in HCI I	20	2
Seminar	Current Research in HCI I	20	2
Seminar	Current Research in HCI I	20	2
Performances	**Form**	**Duration/scope**	
Examination requirement	General examination with the following examination elements (one element per seminar): a) Seminar paper during semester (weighting 60%) + Presentation during semester (weighting 40%) b) Seminar paper during semester (weighting 60%) Presentation during semester (weighting 40%) c) Seminar paper during semester (weighting 60%) Presentation during semester (weighting 40%) The examination elements a) to c) each account for 1/3 of the grade for the module. The precise scope of the examination performance will be announced no later than four weeks after the start of the class and/or classes.	3-6 pages, 15-30 min. 3-6 pages, 15-30 min. 3-6 pages, 15-30 min.	
Course work requirement	---		
Qualification goals	• Students acquire in-depth knowledge surrounding the specialist factors and/or current topics regarding HCI. In addition to the introductory events from the compulsory area of study, individual academic topics of HCI with current relevance are included here and generally reflected on critically by addressing the original literature. • Practice and consolidation of scientific research methods: Researching, understanding, summarising and critical reflection on academic texts, writing academic texts. • Understanding various research traditions and forms of knowledge: quantitative/qualitative empirical science, humanities, design. • Specific, up-to-date consolidation for the development of the personal profile of the students.		
Contents	• Current topics from the field of HCI are addressed, covered, consolidated and structured in the seminar. • Related academic literature is generally read, presented, discussed in the group and then prepared in writing (seminar paper). • The topics generally constitute advanced study of HCI. In particular, current contents are to be addressed. The topics correspond to the usual fields of action of the HCI, i.e. they deal with psychological/sociological questions regarding the embedding technology in everyday life, its effects, its design and the necessary processes, methods and technologies.		

Usable in the following degree programs	Digital Media and Technologies (FPO-M 2020)
Requirements for participation	Formal: / In terms of content: /
Requirements for the awarding of CP	Examination must be passed