

Annex of the Study and Examination Regulations for the English-language Master's degree course in User Experience Design at the Ingolstadt University of Applied Sciences dated 17.12.2018

Overview of modules, focus areas and performance assessments

1	2	3	4	5	6	7	8	9	10
Serial no.	Module	Semester hour	Type of course	Examinations		Virtual teaching forms	Degree-related performance assessments	Weighting for the final grade (in %)	Credit points (ECTS)
				Type and duration in minutes	Admission Requirements:				
1	Research Methods in HCI	4	SU/Ü	mdIP ¹⁾ or schrP 90		•• VL1)		6	5
2	Interaction Design					-		7	6
2.1	Interaction Design	3	SU/Ü		serial no. 2.2	-	LN ³⁾		
2.2	Practical Training in Interaction Design	2	Pr			-	prA ²⁾		
3	Programming for Multimodal, Interactive Systems					•		7	6
3.1	Programming for Multimodal, Interactive Systems	3	SU	schrP 90		•			
3.2	Exercises in Programming for Multimodal, Interactive Systems	2	Ü			-			
4	Natural User Interfaces (NUIs)	4	Proj			-	Proj ⁴⁾	6	5
5	Agile Project Management	2	SU/Ü	schrP 90		••		3	3
6	Audio/Video Processing and 3D-Animation					•		9	8
6.1	Audio/Video Processing and 3D-Animation	3	SU/Ü	schrP 90	serial no. 6.2	•			
6.2	Practical Training in Audio/Video Processing and 3D-Animation	2	Pr			-	prA ²⁾		

Annex SER Master 'User Experience Design'

1	2	3	4	5	6	7	8	9	10
Serial no.	Module	Semester hour	Type of course	Examinations		Virtual teaching forms	Degree-related performance assessments	Weighting for the final grade (in %)	Credit points (ECTS)
				Type and duration in minutes	Admission Requirements:				
7	Augmented and Virtual Reality Applications					•		8	7
7.1	Augmented and Virtual Reality Applications	3	SU/Ü		serial no. 7.2	•	LN ³⁾		
7.2	Practical Training in Augmented and Virtual Reality Applications	2	Pr			-	prA ²⁾		
8	Design Strategy and Management	4	SU/Ü	mdIP ¹⁾ or schrP 90		•		6	5
9	Project	4	Proj			-	Proj ⁴⁾	6	5
10	Individual Electives (select 2)^{D)}	8	SU/Ü			••VL ²⁾	2 LN ⁵⁾	per LN: 6	10
11	Master's thesis					-			
11.1	Master's thesis	0		MA ⁶⁾		-		30	28
11.2	Master's Thesis Seminar	1	Koll ⁷⁾			-		0	2
	Total	47						100	90

Type of course

Pr	Internship
Proj	Project
S	Seminar
SU	Tuition in seminars
Ü	Exercise
SU/Ü	Tuition in seminars with exercise

Comments

- 1) An oral examination consists of questioning lasting 15-20 minutes per person, unless otherwise determined by the Faculty Council in the degree course syllabus.
- 2) Practical work consists of 5-7 practical experiments (with an average duration of 4-6 hours each) or 3-4 design tasks (with an average duration of 7-10 hours each). Candidates undergo an oral test in relation to the experiments. A grade of either 'Successfully taken' or 'Not successfully taken' is awarded. The performance assessment must be passed. Further details are laid down in the degree course syllabus by the Faculty Council.
- 3) Alternatively, the performance assessment can be in the form of a course paper, a project work or a practical examination in accordance with Art. 13 APO. Further details are laid down in the degree course syllabus by the Faculty Council.
- 4) Project work is generally a group activity in which several students work on a joint task in the form of a software or design project in a team during the course of a semester. The subject is announced by the responsible lecturer at the beginning of the semester. Each student is required to make an individual contribution to the joint task, as follows: A project report (min. 5 pages excluding tables and graphs, font size 10-12 pt.) and a presentation (10-15 minutes). Further details are laid down in the degree course syllabus by the Faculty Council.
- 5) This is a module group with several elective modules, for which each module is awarded 5 ECTS credit points upon successful completion of the respective module. A total of 10 ECTS credit points must be obtained. Specialist elective modules are normally fulfilled with modules of 4 semester hours per week but they can also be fulfilled with 2 semester hours per week. In the case of specialist elective modules of 2 semester hours per week, the number of performance assessments to be furnished increases accordingly. Specialist elective modules have a close subject-based connection with the degree course and, in particular, they have the following goals:
 - Academic consolidation of knowledge already acquired during the course programme.
 - The imparting of specialist skills in particular areas that are not covered or are only covered to a smaller degree in the degree course.
 - The detailed qualification objectives of the elective modules are given in the respective descriptions of the modules.Alternatively, the performance assessments can be in the form of a written examination, an oral examination, a presentation, a course paper, a seminar paper, a project work or a practical examination. Further details are laid down in the degree course syllabus by the Faculty Council. Each individual performance assessment is awarded a grade and must be passed.
- 6) The Master's thesis is a final written thesis. The time allowed for writing (between registering the Master's thesis and submitting it) must not exceed 6 months. It must have a length of 50-80 pages, excluding cover pages, indexes and appendices; A4 format, font size 10-12 pt.). The workload corresponds with the credit points allotted for the class.
- 7) Technical lecture and discussion related to the scientific results of the master's thesis, 15-45 min. assessment by the predicate "with success" or "without success" filed. For passing the master's examination the assessment with the predicate "with success" is required.

Annex SER Master 'User Experience Design'

-Module highly suitable as a complement to Digital learning/Virtual teaching forms

Annex SER Master 'User Experience Design'

-Module only suitable to a limited extent as a complement to Digital learning/Virtual teaching forms
-interactive module with active participation in face-to-face classes; not suitable for Digital learning/Virtual teaching forms

VL1) The THI operates its own streaming server. We plan to record the 'Research Methods in HCI' module and to provide it as a video stream together with the task sheets (Moodle).

VL2) As a complement to face-to-face teaching, it is also possible to offer subject-related courses from the range of offers available from the Bavarian Virtual University (VHB), in particular courses available in English in the field of Computer Science:" (https://www.vhb.org/fileadmin/kursprogramm/vhb-programme_english.pdf).

Further details are laid down in the degree course syllabus by the Faculty Council.