Julius-Maximilians-
UNIVERSITÄT
WÜRZBURG

Module Catalogue

for the Module studies (Master)

Human-Computer-Interaction

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

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The subject is divided into

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Abbreviations used

Course types: **E** = field trip, **K** = colloquium, **O** = conversatorium, **P** = placement/lab course, **R** = project, **S** = seminar, **T** = tutorial, **Ü** = exercise, **V** = lecture

Term: **SS** = summer semester, **WS** = winter semester

Methods of grading: **NUM** = numerical grade, **B/NB** = (not) successfully completed

Regulations: **(L)ASPO** = general academic and examination regulations (for teaching-degree programmes), **FSB** = subject-specific provisions, **SFB** = list of modules

Other: **A** = thesis, **LV** = course(s), **PL** = assessment(s), **TN** = participants, **VL** = prerequisite(s)

Conventions

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

Notes

Should there be the option to choose between several methods of assessment, the lecturer will agree with the module coordinator on the method of assessment to be used in the current semester by two weeks after the start of the course at the latest and will communicate this in the customary manner.

Should the module comprise more than one graded assessment, all assessments will be equally weighted, unless otherwise stated below.

Should the assessment comprise several individual assessments, successful completion of the module will require successful completion of all individual assessments.

In accordance with

the general regulations governing the degree subject described in this module catalogue:

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

15-May-2019 (2019-36)

27-Jun-2019 (2019-41)

14-Nov-2019 (2019-52)

22-Jan-2020 (2020-13)

06-May-2020 (2020-39)

22-Jul-2020 (2020-57)

17-Dec-2020 (2020-110)

10-Mar-2021 (2021-17)

09-Jun-2021 (2021-58)

22-Dec-2021 (2021-85)

05-Jul-2022 (2022-52)

31-Jan-2023 (2022-86)

15-Jun-2023 (2023-58)

13-Dec-2023 (2023-107)

07-Aug-2024 (2024-82)

22-Jan-2025 (2025-1)

09-Jul-2025 (2025-75)

15-Apr-2026 (2026-48)

23-Jul-2026 (2026-97)

This module handbook seeks to render, as accurately as possible, the data that is of statutory relevance according to the examination regulations of the degree subject. However, only the FSB (subject-specific provisions) and SFB (list of modules) in their officially published versions shall be legally binding. In the case of doubt, the provisions on, in particular, module assessments specified in the FSB/SFB shall prevail.

Summer Term 2019

(0 ECTS credits)

Module title			Abbreviation
Foundations of HCI 1			06-HCI-GL-1-182-m01
Module coordinator		**Module offered by**	
chairperson of examination committee of the Master's degree programme Human-Computer Interaction		Chair of Computer Science IX (Human-Computer Interaction), Chair of Psychological Ergonomics	
ECTS	**Method of grading**	**Only after succ. compl. of module(s)**	
5	(not) successfully completed	--	
Duration	**Module level**	**Other prerequisites**	
1 semester	graduate	--	

Contents

The module is a shell module for individual target modules. Students acquire basic qualifications and competencies they need for the study of Human-Computer Interaction. Contents and corresponding target modules from topics of computer science, psychology, mathematics, statistics or user experience correspond to the individual competence needs of the students.

Intended learning outcomes

After participation in this module, students possess professional, methodological, social and/or personal competencies on fundamental topics from the field of human-computer interaction. Concrete qualification goals/ competencies correspond to the target module to be credited. Students are able to participate in more in-depth and advanced modules in the field of human-computer interaction.

Courses (type, number of weekly contact hours, language — if other than German)

S (2)

Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)

a) written examination (approx. 75 minutes) or
b) presentation (approx. 20 minutes) with handout (approx. 2 pages) or
c) presentation of project results (approx. 20 minutes) or
d) term paper (approx. 10 pages) or
e) a total of approx. 5 hours of completing exercises or
f) oral examination (approx. 25 minutes)
Language of assessment: German and/or English

Allocation of places

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Additional information

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Workload

150 h

Teaching cycle

Teaching cycle: every semester

Referred to in LPO I (examination regulations for teaching-degree programmes)

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Module title			Abbreviation
Foundations of HCI 2			06-HCI-GL-2-182-m01
Module coordinator		**Module offered by**	
chairperson of examination committee of the Master's degree programme Human-Computer Interaction		Chair of Computer Science IX (Human-Computer Interaction), Chair of Psychological Ergonomics	
ECTS	**Method of grading**	**Only after succ. compl. of module(s)**	
5	(not) successfully completed	--	
Duration	**Module level**	**Other prerequisites**	
1 semester	graduate	--	

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f) oral examination (approx. 25 minutes)
Language of assessment: German and/or English

Allocation of places

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Additional information

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Workload

150 h

Teaching cycle

Teaching cycle: every semester

Referred to in LPO I (examination regulations for teaching-degree programmes)

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Winter Term 2019

(0 ECTS credits)

Module title			Abbreviation
Foundations of HCI 1			06-HCI-GL-1-182-m01
Module coordinator		**Module offered by**	
chairperson of examination committee of the Master's degree programme Human-Computer Interaction		Chair of Computer Science IX (Human-Computer Interaction), Chair of Psychological Ergonomics	
ECTS	**Method of grading**	**Only after succ. compl. of module(s)**	
5	(not) successfully completed	--	
Duration	**Module level**	**Other prerequisites**	
1 semester	graduate	--	

Contents

The module is a shell module for individual target modules. Students acquire basic qualifications and competencies they need for the study of Human-Computer Interaction. Contents and corresponding target modules from topics of computer science, psychology, mathematics, statistics or user experience correspond to the individual competence needs of the students.

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f) oral examination (approx. 25 minutes)
Language of assessment: German and/or English

Allocation of places

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Additional information

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Workload

150 h

Teaching cycle

Teaching cycle: every semester

Referred to in LPO I (examination regulations for teaching-degree programmes)

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Module title			Abbreviation
Foundations of HCI 2			06-HCI-GL-2-182-m01
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5	(not) successfully completed	--	
Duration	**Module level**	**Other prerequisites**	
1 semester	graduate	--	

Contents

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Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)

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e) a total of approx. 5 hours of completing exercises or
f) oral examination (approx. 25 minutes)
Language of assessment: German and/or English

Allocation of places

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Additional information

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Workload

150 h

Teaching cycle

Teaching cycle: every semester

Referred to in LPO I (examination regulations for teaching-degree programmes)

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Module title			Abbreviation
Specialisation HCI 1			06-HCI-VHCI-1-152-m01
Module coordinator			**Module offered by**
chairperson of examination committee of the Master's degree programme Human-Computer Interaction			Chair of Computer Science IX (Human-Computer Interaction), Chair of Psychological Ergonomics
ECTS	**Method of grading**	**Only after succ. compl. of module(s)**	
5	numerical grade	--	
Duration	**Module level**	**Other prerequisites**	
1 semester	graduate	--	

Contents

In this module, the contents of the degree courses are deepened and references to neighboring sciences are made, which expand and deepen the skills already acquired, e.g. media communication, business informatics, interaction design, sociology of technology, psychology, computer science, museology, digital humanities, geography, etc.

Intended learning outcomes

After participating in this module, students will be able to name and explain typical problems and methods in their own subject as well as in related fields of science and application. They develop methodological competence, communicative competence, cooperation skills and the ability to deal with conflicts in interdisciplinary cooperation.

Courses (type, number of weekly contact hours, language — if other than German)

S (2)

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e) a total of approx. 5 hours of completing exercises or
f) oral examination (approx. 25 minutes)
Language of assessment: German and/or English
creditable for bonus

Allocation of places

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Additional information

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Workload

150 h

Teaching cycle

Teaching cycle: every semester

Referred to in LPO I (examination regulations for teaching-degree programmes)

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Summer Term 2020

(0 ECTS credits)

Module title			Abbreviation
Foundations of HCI 1			06-HCI-GL-1-182-m01
Module coordinator		**Module offered by**	
chairperson of examination committee of the Master's degree programme Human-Computer Interaction		Chair of Computer Science IX (Human-Computer Interaction), Chair of Psychological Ergonomics	
ECTS	**Method of grading**	**Only after succ. compl. of module(s)**	
5	(not) successfully completed	--	
Duration	**Module level**	**Other prerequisites**	
1 semester	graduate	--	

Contents

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Intended learning outcomes

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Courses (type, number of weekly contact hours, language — if other than German)

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Language of assessment: German and/or English

Allocation of places

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Additional information

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Workload

150 h

Teaching cycle

Teaching cycle: every semester

Referred to in LPO I (examination regulations for teaching-degree programmes)

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Module title			Abbreviation
Foundations of HCI 2			06-HCI-GL-2-182-m01
Module coordinator		**Module offered by**	
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Language of assessment: German and/or English

Allocation of places

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Additional information

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Workload

150 h

Teaching cycle

Teaching cycle: every semester

Referred to in LPO I (examination regulations for teaching-degree programmes)

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Module title			Abbreviation
Specialisation HCI 1			06-HCI-VHCI-1-152-m01
Module coordinator			**Module offered by**
chairperson of examination committee of the Master's degree programme Human-Computer Interaction			Chair of Computer Science IX (Human-Computer Interaction), Chair of Psychological Ergonomics
ECTS	**Method of grading**	**Only after succ. compl. of module(s)**	
5	numerical grade	--	
Duration	**Module level**	**Other prerequisites**	
1 semester	graduate	--	

Contents

In this module, the contents of the degree courses are deepened and references to neighboring sciences are made, which expand and deepen the skills already acquired, e.g. media communication, business informatics, interaction design, sociology of technology, psychology, computer science, museology, digital humanities, geography, etc.

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Language of assessment: German and/or English
creditable for bonus

Allocation of places

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Additional information

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Workload

150 h

Teaching cycle

Teaching cycle: every semester

Referred to in LPO I (examination regulations for teaching-degree programmes)

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Winter Term 2020

(0 ECTS credits)

Module title			Abbreviation
Foundations of HCI 1			06-HCI-GL-1-182-m01
Module coordinator		**Module offered by**	
chairperson of examination committee of the Master's degree programme Human-Computer Interaction		Chair of Computer Science IX (Human-Computer Interaction), Chair of Psychological Ergonomics	
ECTS	**Method of grading**	**Only after succ. compl. of module(s)**	
5	(not) successfully completed	--	
Duration	**Module level**	**Other prerequisites**	
1 semester	graduate	--	

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e) a total of approx. 5 hours of completing exercises or
f) oral examination (approx. 25 minutes)
Language of assessment: German and/or English

Allocation of places

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Additional information

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Workload

150 h

Teaching cycle

Teaching cycle: every semester

Referred to in LPO I (examination regulations for teaching-degree programmes)

--

Module title			Abbreviation
Foundations of HCI 2			06-HCI-GL-2-182-m01
Module coordinator		**Module offered by**	
chairperson of examination committee of the Master's degree programme Human-Computer Interaction		Chair of Computer Science IX (Human-Computer Interaction), Chair of Psychological Ergonomics	
ECTS	**Method of grading**	**Only after succ. compl. of module(s)**	
5	(not) successfully completed	--	
Duration	**Module level**	**Other prerequisites**	
1 semester	graduate	--	

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f) oral examination (approx. 25 minutes)
Language of assessment: German and/or English

Allocation of places

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Additional information

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Workload

150 h

Teaching cycle

Teaching cycle: every semester

Referred to in LPO I (examination regulations for teaching-degree programmes)

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Summer Term 2021

(o ECTS credits)

Module title			Abbreviation
Foundations of HCI 1			06-HCI-GL-1-182-m01
Module coordinator		**Module offered by**	
chairperson of examination committee of the Master's degree programme Human-Computer Interaction		Chair of Computer Science IX (Human-Computer Interaction), Chair of Psychological Ergonomics	
ECTS	**Method of grading**	**Only after succ. compl. of module(s)**	
5	(not) successfully completed	--	
Duration	**Module level**	**Other prerequisites**	
1 semester	graduate	--	

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Language of assessment: German and/or English

Allocation of places

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Additional information

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Workload

150 h

Teaching cycle

Teaching cycle: every semester

Referred to in LPO I (examination regulations for teaching-degree programmes)

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Module title			Abbreviation
Foundations of HCI 2			06-HCI-GL-2-182-m01
Module coordinator		**Module offered by**	
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ECTS	**Method of grading**	**Only after succ. compl. of module(s)**	
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Duration	**Module level**	**Other prerequisites**	
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e) a total of approx. 5 hours of completing exercises or
f) oral examination (approx. 25 minutes)
Language of assessment: German and/or English

Allocation of places

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Additional information

--

Workload

150 h

Teaching cycle

Teaching cycle: every semester

Referred to in LPO I (examination regulations for teaching-degree programmes)

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Module title			Abbreviation
Specialisation HCI 1			06-HCI-VHCI-1-152-m01
Module coordinator			**Module offered by**
chairperson of examination committee of the Master's degree programme Human-Computer Interaction			Chair of Computer Science IX (Human-Computer Interaction), Chair of Psychological Ergonomics
ECTS	**Method of grading**	**Only after succ. compl. of module(s)**	
5	numerical grade	--	
Duration	**Module level**	**Other prerequisites**	
1 semester	graduate	--	

Contents

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f) oral examination (approx. 25 minutes)
Language of assessment: German and/or English
creditable for bonus

Allocation of places

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Additional information

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Workload

150 h

Teaching cycle

Teaching cycle: every semester

Referred to in LPO I (examination regulations for teaching-degree programmes)

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Winter Term 2021

(0 ECTS credits)

Module title			Abbreviation
Foundations of HCI 1			06-HCI-GL-1-182-m01
Module coordinator		**Module offered by**	
chairperson of examination committee of the Master's degree programme Human-Computer Interaction		Chair of Computer Science IX (Human-Computer Interaction), Chair of Psychological Ergonomics	
ECTS	**Method of grading**	**Only after succ. compl. of module(s)**	
5	(not) successfully completed	--	
Duration	**Module level**	**Other prerequisites**	
1 semester	graduate	--	

Contents

The module is a shell module for individual target modules. Students acquire basic qualifications and competencies they need for the study of Human-Computer Interaction. Contents and corresponding target modules from topics of computer science, psychology, mathematics, statistics or user experience correspond to the individual competence needs of the students.

Intended learning outcomes

After participation in this module, students possess professional, methodological, social and/or personal competencies on fundamental topics from the field of human-computer interaction. Concrete qualification goals/ competencies correspond to the target module to be credited. Students are able to participate in more in-depth and advanced modules in the field of human-computer interaction.

Courses (type, number of weekly contact hours, language — if other than German)

S (2)

Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)

a) written examination (approx. 75 minutes) or
b) presentation (approx. 20 minutes) with handout (approx. 2 pages) or
c) presentation of project results (approx. 20 minutes) or
d) term paper (approx. 10 pages) or
e) a total of approx. 5 hours of completing exercises or
f) oral examination (approx. 25 minutes)
Language of assessment: German and/or English

Allocation of places

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Additional information

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Workload

150 h

Teaching cycle

Teaching cycle: every semester

Referred to in LPO I (examination regulations for teaching-degree programmes)

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Module title			Abbreviation
Foundations of HCI 2			06-HCI-GL-2-182-m01
Module coordinator		**Module offered by**	
chairperson of examination committee of the Master's degree programme Human-Computer Interaction		Chair of Computer Science IX (Human-Computer Interaction), Chair of Psychological Ergonomics	
ECTS	**Method of grading**	**Only after succ. compl. of module(s)**	
5	(not) successfully completed	--	
Duration	**Module level**	**Other prerequisites**	
1 semester	graduate	--	

Contents

The module is a shell module for individual target modules. Students acquire basic qualifications and competencies they need for the study of Human-Computer Interaction. Contents and corresponding target modules from topics of computer science, psychology, mathematics, statistics or user experience correspond to the individual competence needs of the students.

Intended learning outcomes

After participation in this module, students possess professional, methodological, social and/or personal competencies on fundamental topics from the field of human-computer interaction. Concrete qualification goals/ competencies correspond to the target module to be credited. Students are able to participate in more in-depth and advanced modules in the field of human-computer interaction.

Courses (type, number of weekly contact hours, language — if other than German)

S (2)

Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)

a) written examination (approx. 75 minutes) or
b) presentation (approx. 20 minutes) with handout (approx. 2 pages) or
c) presentation of project results (approx. 20 minutes) or
d) term paper (approx. 10 pages) or
e) a total of approx. 5 hours of completing exercises or
f) oral examination (approx. 25 minutes)
Language of assessment: German and/or English

Allocation of places

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Additional information

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Workload

150 h

Teaching cycle

Teaching cycle: every semester

Referred to in LPO I (examination regulations for teaching-degree programmes)

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Summer Term 2022

(0 ECTS credits)

Module title			Abbreviation
Foundations of HCI 1			06-HCI-GL-1-182-m01
Module coordinator		**Module offered by**	
chairperson of examination committee of the Master's degree programme Human-Computer Interaction		Chair of Computer Science IX (Human-Computer Interaction), Chair of Psychological Ergonomics	
ECTS	**Method of grading**	**Only after succ. compl. of module(s)**	
5	(not) successfully completed	--	
Duration	**Module level**	**Other prerequisites**	
1 semester	graduate	--	

Contents

The module is a shell module for individual target modules. Students acquire basic qualifications and competencies they need for the study of Human-Computer Interaction. Contents and corresponding target modules from topics of computer science, psychology, mathematics, statistics or user experience correspond to the individual competence needs of the students.

Intended learning outcomes

After participation in this module, students possess professional, methodological, social and/or personal competencies on fundamental topics from the field of human-computer interaction. Concrete qualification goals/ competencies correspond to the target module to be credited. Students are able to participate in more in-depth and advanced modules in the field of human-computer interaction.

Courses (type, number of weekly contact hours, language — if other than German)

S (2)

Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)

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d) term paper (approx. 10 pages) or
e) a total of approx. 5 hours of completing exercises or
f) oral examination (approx. 25 minutes)
Language of assessment: German and/or English

Allocation of places

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Additional information

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Workload

150 h

Teaching cycle

Teaching cycle: every semester

Referred to in LPO I (examination regulations for teaching-degree programmes)

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Module title			Abbreviation
Foundations of HCI 2			06-HCI-GL-2-182-m01
Module coordinator		**Module offered by**	
chairperson of examination committee of the Master's degree programme Human-Computer Interaction		Chair of Computer Science IX (Human-Computer Interaction), Chair of Psychological Ergonomics	
ECTS	**Method of grading**	**Only after succ. compl. of module(s)**	
5	(not) successfully completed	--	
Duration	**Module level**	**Other prerequisites**	
1 semester	graduate	--	

Contents

The module is a shell module for individual target modules. Students acquire basic qualifications and competencies they need for the study of Human-Computer Interaction. Contents and corresponding target modules from topics of computer science, psychology, mathematics, statistics or user experience correspond to the individual competence needs of the students.

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After participation in this module, students possess professional, methodological, social and/or personal competencies on fundamental topics from the field of human-computer interaction. Concrete qualification goals/ competencies correspond to the target module to be credited. Students are able to participate in more in-depth and advanced modules in the field of human-computer interaction.

Courses (type, number of weekly contact hours, language — if other than German)

S (2)

Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)

a) written examination (approx. 75 minutes) or
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c) presentation of project results (approx. 20 minutes) or
d) term paper (approx. 10 pages) or
e) a total of approx. 5 hours of completing exercises or
f) oral examination (approx. 25 minutes)
Language of assessment: German and/or English

Allocation of places

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Additional information

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Workload

150 h

Teaching cycle

Teaching cycle: every semester

Referred to in LPO I (examination regulations for teaching-degree programmes)

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Module title			Abbreviation
Specialisation HCI 1			06-HCI-VHCI-1-152-m01
Module coordinator			**Module offered by**
chairperson of examination committee of the Master's degree programme Human-Computer Interaction			Chair of Computer Science IX (Human-Computer Interaction), Chair of Psychological Ergonomics
ECTS	**Method of grading**	**Only after succ. compl. of module(s)**	
5	numerical grade	--	
Duration	**Module level**	**Other prerequisites**	
1 semester	graduate	--	

Contents

In this module, the contents of the degree courses are deepened and references to neighboring sciences are made, which expand and deepen the skills already acquired, e.g. media communication, business informatics, interaction design, sociology of technology, psychology, computer science, museology, digital humanities, geography, etc.

Intended learning outcomes

After participating in this module, students will be able to name and explain typical problems and methods in their own subject as well as in related fields of science and application. They develop methodological competence, communicative competence, cooperation skills and the ability to deal with conflicts in interdisciplinary cooperation.

Courses (type, number of weekly contact hours, language — if other than German)

S (2)

Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)

a) written examination (approx. 75 minutes) or
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c) presentation of project results (approx. 20 minutes) or
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e) a total of approx. 5 hours of completing exercises or
f) oral examination (approx. 25 minutes)
Language of assessment: German and/or English
creditable for bonus

Allocation of places

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Additional information

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Workload

150 h

Teaching cycle

Teaching cycle: every semester

Referred to in LPO I (examination regulations for teaching-degree programmes)

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Winter Term 2022

(0 ECTS credits)

Module title			Abbreviation
Foundations of HCI 1			06-HCI-GL-1-182-m01
Module coordinator		**Module offered by**	
chairperson of examination committee of the Master's degree programme Human-Computer Interaction		Chair of Computer Science IX (Human-Computer Interaction), Chair of Psychological Ergonomics	
ECTS	**Method of grading**	**Only after succ. compl. of module(s)**	
5	(not) successfully completed	--	
Duration	**Module level**	**Other prerequisites**	
1 semester	graduate	--	

Contents

The module is a shell module for individual target modules. Students acquire basic qualifications and competencies they need for the study of Human-Computer Interaction. Contents and corresponding target modules from topics of computer science, psychology, mathematics, statistics or user experience correspond to the individual competence needs of the students.

Intended learning outcomes

After participation in this module, students possess professional, methodological, social and/or personal competencies on fundamental topics from the field of human-computer interaction. Concrete qualification goals/ competencies correspond to the target module to be credited. Students are able to participate in more in-depth and advanced modules in the field of human-computer interaction.

Courses (type, number of weekly contact hours, language — if other than German)

S (2)

Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)

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f) oral examination (approx. 25 minutes)
Language of assessment: German and/or English

Allocation of places

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Additional information

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Workload

150 h

Teaching cycle

Teaching cycle: every semester

Referred to in LPO I (examination regulations for teaching-degree programmes)

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Module title			Abbreviation
Foundations of HCI 2			06-HCI-GL-2-182-m01
Module coordinator		**Module offered by**	
chairperson of examination committee of the Master's degree programme Human-Computer Interaction		Chair of Computer Science IX (Human-Computer Interaction), Chair of Psychological Ergonomics	
ECTS	**Method of grading**	**Only after succ. compl. of module(s)**	
5	(not) successfully completed	--	
Duration	**Module level**	**Other prerequisites**	
1 semester	graduate	--	

Contents

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Courses (type, number of weekly contact hours, language — if other than German)

S (2)

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f) oral examination (approx. 25 minutes)
Language of assessment: German and/or English

Allocation of places

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Additional information

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Workload

150 h

Teaching cycle

Teaching cycle: every semester

Referred to in LPO I (examination regulations for teaching-degree programmes)

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Winter Term 2023

(0 ECTS credits)

Module title			Abbreviation
Foundations of HCI 1			06-HCI-GL-1-182-m01
Module coordinator		**Module offered by**	
chairperson of examination committee of the Master's degree programme Human-Computer Interaction		Chair of Computer Science IX (Human-Computer Interaction), Chair of Psychological Ergonomics	
ECTS	**Method of grading**	**Only after succ. compl. of module(s)**	
5	(not) successfully completed	--	
Duration	**Module level**	**Other prerequisites**	
1 semester	graduate	--	

Contents

The module is a shell module for individual target modules. Students acquire basic qualifications and competencies they need for the study of Human-Computer Interaction. Contents and corresponding target modules from topics of computer science, psychology, mathematics, statistics or user experience correspond to the individual competence needs of the students.

Intended learning outcomes

After participation in this module, students possess professional, methodological, social and/or personal competencies on fundamental topics from the field of human-computer interaction. Concrete qualification goals/ competencies correspond to the target module to be credited. Students are able to participate in more in-depth and advanced modules in the field of human-computer interaction.

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Language of assessment: German and/or English

Allocation of places

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Additional information

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Workload

150 h

Teaching cycle

Teaching cycle: every semester

Referred to in LPO I (examination regulations for teaching-degree programmes)

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Module title			Abbreviation
Foundations of HCI 2			06-HCI-GL-2-182-m01
Module coordinator		**Module offered by**	
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ECTS	**Method of grading**	**Only after succ. compl. of module(s)**	
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Duration	**Module level**	**Other prerequisites**	
1 semester	graduate	--	

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e) a total of approx. 5 hours of completing exercises or
f) oral examination (approx. 25 minutes)
Language of assessment: German and/or English

Allocation of places

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Additional information

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Workload

150 h

Teaching cycle

Teaching cycle: every semester

Referred to in LPO I (examination regulations for teaching-degree programmes)

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Summer Term 2024

(0 ECTS credits)

Module title			Abbreviation
Foundations of HCI 1			06-HCI-GL-1-182-m01
Module coordinator		**Module offered by**	
chairperson of examination committee of the Master's degree programme Human-Computer Interaction		Chair of Computer Science IX (Human-Computer Interaction), Chair of Psychological Ergonomics	
ECTS	**Method of grading**	**Only after succ. compl. of module(s)**	
5	(not) successfully completed	--	
Duration	**Module level**	**Other prerequisites**	
1 semester	graduate	--	

Contents

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c) presentation of project results (approx. 20 minutes) or
d) term paper (approx. 10 pages) or
e) a total of approx. 5 hours of completing exercises or
f) oral examination (approx. 25 minutes)
Language of assessment: German and/or English

Allocation of places

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Additional information

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Workload

150 h

Teaching cycle

Teaching cycle: every semester

Referred to in LPO I (examination regulations for teaching-degree programmes)

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Module title			Abbreviation
Foundations of HCI 2			06-HCI-GL-2-182-m01
Module coordinator		**Module offered by**	
chairperson of examination committee of the Master's degree programme Human-Computer Interaction		Chair of Computer Science IX (Human-Computer Interaction), Chair of Psychological Ergonomics	
ECTS	**Method of grading**	**Only after succ. compl. of module(s)**	
5	(not) successfully completed	--	
Duration	**Module level**	**Other prerequisites**	
1 semester	graduate	--	

Contents

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d) term paper (approx. 10 pages) or
e) a total of approx. 5 hours of completing exercises or
f) oral examination (approx. 25 minutes)
Language of assessment: German and/or English

Allocation of places

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Additional information

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Workload

150 h

Teaching cycle

Teaching cycle: every semester

Referred to in LPO I (examination regulations for teaching-degree programmes)

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Module title			Abbreviation
Specialisation HCI 1			06-HCI-VHCI-1-152-m01
Module coordinator		**Module offered by**	
chairperson of examination committee of the Master's degree programme Human-Computer Interaction		Chair of Computer Science IX (Human-Computer Interaction), Chair of Psychological Ergonomics	
ECTS	**Method of grading**	**Only after succ. compl. of module(s)**	
5	numerical grade	--	
Duration	**Module level**	**Other prerequisites**	
1 semester	graduate	--	

Contents

In this module, the contents of the degree courses are deepened and references to neighboring sciences are made, which expand and deepen the skills already acquired, e.g. media communication, business informatics, interaction design, sociology of technology, psychology, computer science, museology, digital humanities, geography, etc.

Intended learning outcomes

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Courses (type, number of weekly contact hours, language — if other than German)

S (2)

Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)

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d) term paper (approx. 10 pages) or
e) a total of approx. 5 hours of completing exercises or
f) oral examination (approx. 25 minutes)
Language of assessment: German and/or English
creditable for bonus

Allocation of places

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Additional information

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Workload

150 h

Teaching cycle

Teaching cycle: every semester

Referred to in LPO I (examination regulations for teaching-degree programmes)

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Winter Term 2024

(0 ECTS credits)

Module title			Abbreviation
Foundations of HCI 1			06-HCI-GL-1-182-m01
Module coordinator		**Module offered by**	
chairperson of examination committee of the Master's degree programme Human-Computer Interaction		Chair of Computer Science IX (Human-Computer Interaction), Chair of Psychological Ergonomics	
ECTS	**Method of grading**	**Only after succ. compl. of module(s)**	
5	(not) successfully completed	--	
Duration	**Module level**	**Other prerequisites**	
1 semester	graduate	--	

Contents

The module is a shell module for individual target modules. Students acquire basic qualifications and competencies they need for the study of Human-Computer Interaction. Contents and corresponding target modules from topics of computer science, psychology, mathematics, statistics or user experience correspond to the individual competence needs of the students.

Intended learning outcomes

After participation in this module, students possess professional, methodological, social and/or personal competencies on fundamental topics from the field of human-computer interaction. Concrete qualification goals/ competencies correspond to the target module to be credited. Students are able to participate in more in-depth and advanced modules in the field of human-computer interaction.

Courses (type, number of weekly contact hours, language — if other than German)

S (2)

Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)

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e) a total of approx. 5 hours of completing exercises or
f) oral examination (approx. 25 minutes)
Language of assessment: German and/or English

Allocation of places

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Additional information

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Workload

150 h

Teaching cycle

Teaching cycle: every semester

Referred to in LPO I (examination regulations for teaching-degree programmes)

--

Module title			Abbreviation
Foundations of HCI 2			06-HCI-GL-2-182-m01
Module coordinator		**Module offered by**	
chairperson of examination committee of the Master's degree programme Human-Computer Interaction		Chair of Computer Science IX (Human-Computer Interaction), Chair of Psychological Ergonomics	
ECTS	**Method of grading**	**Only after succ. compl. of module(s)**	
5	(not) successfully completed	--	
Duration	**Module level**	**Other prerequisites**	
1 semester	graduate	--	

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Courses (type, number of weekly contact hours, language — if other than German)

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e) a total of approx. 5 hours of completing exercises or
f) oral examination (approx. 25 minutes)
Language of assessment: German and/or English

Allocation of places

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Additional information

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Workload

150 h

Teaching cycle

Teaching cycle: every semester

Referred to in LPO I (examination regulations for teaching-degree programmes)

--

Summer Term 2025

(0 ECTS credits)

Module title			Abbreviation
Foundations of HCI 1			06-HCI-GL-1-182-m01
Module coordinator		**Module offered by**	
chairperson of examination committee of the Master's degree programme Human-Computer Interaction		Chair of Computer Science IX (Human-Computer Interaction), Chair of Psychological Ergonomics	
ECTS	**Method of grading**	**Only after succ. compl. of module(s)**	
5	(not) successfully completed	--	
Duration	**Module level**	**Other prerequisites**	
1 semester	graduate	--	

Contents

The module is a shell module for individual target modules. Students acquire basic qualifications and competencies they need for the study of Human-Computer Interaction. Contents and corresponding target modules from topics of computer science, psychology, mathematics, statistics or user experience correspond to the individual competence needs of the students.

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e) a total of approx. 5 hours of completing exercises or
f) oral examination (approx. 25 minutes)
Language of assessment: German and/or English

Allocation of places

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Additional information

--

Workload

150 h

Teaching cycle

Teaching cycle: every semester

Referred to in LPO I (examination regulations for teaching-degree programmes)

--

Module title			Abbreviation
Foundations of HCI 2			06-HCI-GL-2-182-m01
Module coordinator		**Module offered by**	
chairperson of examination committee of the Master's degree programme Human-Computer Interaction		Chair of Computer Science IX (Human-Computer Interaction), Chair of Psychological Ergonomics	
ECTS	**Method of grading**	**Only after succ. compl. of module(s)**	
5	(not) successfully completed	--	
Duration	**Module level**	**Other prerequisites**	
1 semester	graduate	--	

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f) oral examination (approx. 25 minutes)
Language of assessment: German and/or English

Allocation of places

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Additional information

--

Workload

150 h

Teaching cycle

Teaching cycle: every semester

Referred to in LPO I (examination regulations for teaching-degree programmes)

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Module title			Abbreviation
Specialisation HCI 1			06-HCI-VHCI-1-152-m01
Module coordinator			**Module offered by**
chairperson of examination committee of the Master's degree programme Human-Computer Interaction			Chair of Computer Science IX (Human-Computer Interaction), Chair of Psychological Ergonomics
ECTS	**Method of grading**	**Only after succ. compl. of module(s)**	
5	numerical grade	--	
Duration	**Module level**	**Other prerequisites**	
1 semester	graduate	--	

Contents

In this module, the contents of the degree courses are deepened and references to neighboring sciences are made, which expand and deepen the skills already acquired, e.g. media communication, business informatics, interaction design, sociology of technology, psychology, computer science, museology, digital humanities, geography, etc.

Intended learning outcomes

After participating in this module, students will be able to name and explain typical problems and methods in their own subject as well as in related fields of science and application. They develop methodological competence, communicative competence, cooperation skills and the ability to deal with conflicts in interdisciplinary cooperation.

Courses (type, number of weekly contact hours, language — if other than German)

S (2)

Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)

a) written examination (approx. 75 minutes) or
b) presentation (approx. 20 minutes) with handout (approx. 2 pages) or
c) presentation of project results (approx. 20 minutes) or
d) term paper (approx. 10 pages) or
e) a total of approx. 5 hours of completing exercises or
f) oral examination (approx. 25 minutes)
Language of assessment: German and/or English
creditable for bonus

Allocation of places

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Additional information

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Workload

150 h

Teaching cycle

Teaching cycle: every semester

Referred to in LPO I (examination regulations for teaching-degree programmes)

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Winter Term 2025

(0 ECTS credits)

Module title			Abbreviation
Foundations of HCI 1			06-HCI-GL-1-182-m01
Module coordinator		**Module offered by**	
chairperson of examination committee of the Master's degree programme Human-Computer Interaction		Chair of Computer Science IX (Human-Computer Interaction), Chair of Psychological Ergonomics	
ECTS	**Method of grading**	**Only after succ. compl. of module(s)**	
5	(not) successfully completed	--	
Duration	**Module level**	**Other prerequisites**	
1 semester	graduate	--	

Contents

The module is a shell module for individual target modules. Students acquire basic qualifications and competencies they need for the study of Human-Computer Interaction. Contents and corresponding target modules from topics of computer science, psychology, mathematics, statistics or user experience correspond to the individual competence needs of the students.

Intended learning outcomes

After participation in this module, students possess professional, methodological, social and/or personal competencies on fundamental topics from the field of human-computer interaction. Concrete qualification goals/ competencies correspond to the target module to be credited. Students are able to participate in more in-depth and advanced modules in the field of human-computer interaction.

Courses (type, number of weekly contact hours, language — if other than German)

S (2)

Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)

a) written examination (approx. 75 minutes) or
b) presentation (approx. 20 minutes) with handout (approx. 2 pages) or
c) presentation of project results (approx. 20 minutes) or
d) term paper (approx. 10 pages) or
e) a total of approx. 5 hours of completing exercises or
f) oral examination (approx. 25 minutes)
Language of assessment: German and/or English

Allocation of places

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Additional information

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Workload

150 h

Teaching cycle

Teaching cycle: every semester

Referred to in LPO I (examination regulations for teaching-degree programmes)

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Module title			Abbreviation
Foundations of HCI 2			06-HCI-GL-2-182-m01
Module coordinator		**Module offered by**	
chairperson of examination committee of the Master's degree programme Human-Computer Interaction		Chair of Computer Science IX (Human-Computer Interaction), Chair of Psychological Ergonomics	
ECTS	**Method of grading**	**Only after succ. compl. of module(s)**	
5	(not) successfully completed	--	
Duration	**Module level**	**Other prerequisites**	
1 semester	graduate	--	

Contents

The module is a shell module for individual target modules. Students acquire basic qualifications and competencies they need for the study of Human-Computer Interaction. Contents and corresponding target modules from topics of computer science, psychology, mathematics, statistics or user experience correspond to the individual competence needs of the students.

Intended learning outcomes

After participation in this module, students possess professional, methodological, social and/or personal competencies on fundamental topics from the field of human-computer interaction. Concrete qualification goals/ competencies correspond to the target module to be credited. Students are able to participate in more in-depth and advanced modules in the field of human-computer interaction.

Courses (type, number of weekly contact hours, language — if other than German)

S (2)

Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)

a) written examination (approx. 75 minutes) or
b) presentation (approx. 20 minutes) with handout (approx. 2 pages) or
c) presentation of project results (approx. 20 minutes) or
d) term paper (approx. 10 pages) or
e) a total of approx. 5 hours of completing exercises or
f) oral examination (approx. 25 minutes)
Language of assessment: German and/or English

Allocation of places

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Additional information

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Workload

150 h

Teaching cycle

Teaching cycle: every semester

Referred to in LPO I (examination regulations for teaching-degree programmes)

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Module title			Abbreviation
Specialisation HCI 1			06-HCI-VHCI-1-152-m01
Module coordinator			**Module offered by**
chairperson of examination committee of the Master's degree programme Human-Computer Interaction			Chair of Computer Science IX (Human-Computer Interaction), Chair of Psychological Ergonomics
ECTS	**Method of grading**	**Only after succ. compl. of module(s)**	
5	numerical grade	--	
Duration	**Module level**	**Other prerequisites**	
1 semester	graduate	--	

Contents

In this module, the contents of the degree courses are deepened and references to neighboring sciences are made, which expand and deepen the skills already acquired, e.g. media communication, business informatics, interaction design, sociology of technology, psychology, computer science, museology, digital humanities, geography, etc.

Intended learning outcomes

After participating in this module, students will be able to name and explain typical problems and methods in their own subject as well as in related fields of science and application. They develop methodological competence, communicative competence, cooperation skills and the ability to deal with conflicts in interdisciplinary cooperation.

Courses (type, number of weekly contact hours, language — if other than German)

S (2)

Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)

a) written examination (approx. 75 minutes) or
b) presentation (approx. 20 minutes) with handout (approx. 2 pages) or
c) presentation of project results (approx. 20 minutes) or
d) term paper (approx. 10 pages) or
e) a total of approx. 5 hours of completing exercises or
f) oral examination (approx. 25 minutes)
Language of assessment: German and/or English
creditable for bonus

Allocation of places

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Additional information

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Workload

150 h

Teaching cycle

Teaching cycle: every semester

Referred to in LPO I (examination regulations for teaching-degree programmes)

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Summer Term 2026

(0 ECTS credits)

Module title			Abbreviation
Foundations of HCI 1			06-HCI-GL-1-182-m01
Module coordinator		**Module offered by**	
chairperson of examination committee of the Master's degree programme Human-Computer Interaction		Chair of Computer Science IX (Human-Computer Interaction), Chair of Psychological Ergonomics	
ECTS	**Method of grading**	**Only after succ. compl. of module(s)**	
5	(not) successfully completed	--	
Duration	**Module level**	**Other prerequisites**	
1 semester	graduate	--	

Contents

The module is a shell module for individual target modules. Students acquire basic qualifications and competencies they need for the study of Human-Computer Interaction. Contents and corresponding target modules from topics of computer science, psychology, mathematics, statistics or user experience correspond to the individual competence needs of the students.

Intended learning outcomes

After participation in this module, students possess professional, methodological, social and/or personal competencies on fundamental topics from the field of human-computer interaction. Concrete qualification goals/ competencies correspond to the target module to be credited. Students are able to participate in more in-depth and advanced modules in the field of human-computer interaction.

Courses (type, number of weekly contact hours, language — if other than German)

S (2)

Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)

a) written examination (approx. 75 minutes) or
b) presentation (approx. 20 minutes) with handout (approx. 2 pages) or
c) presentation of project results (approx. 20 minutes) or
d) term paper (approx. 10 pages) or
e) a total of approx. 5 hours of completing exercises or
f) oral examination (approx. 25 minutes)
Language of assessment: German and/or English

Allocation of places

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Additional information

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Workload

150 h

Teaching cycle

Teaching cycle: every semester

Referred to in LPO I (examination regulations for teaching-degree programmes)

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Module title			Abbreviation
Foundations of HCI 2			06-HCI-GL-2-182-m01
Module coordinator		**Module offered by**	
chairperson of examination committee of the Master's degree programme Human-Computer Interaction		Chair of Computer Science IX (Human-Computer Interaction), Chair of Psychological Ergonomics	
ECTS	**Method of grading**	**Only after succ. compl. of module(s)**	
5	(not) successfully completed	--	
Duration	**Module level**	**Other prerequisites**	
1 semester	graduate	--	

Contents

The module is a shell module for individual target modules. Students acquire basic qualifications and competencies they need for the study of Human-Computer Interaction. Contents and corresponding target modules from topics of computer science, psychology, mathematics, statistics or user experience correspond to the individual competence needs of the students.

Intended learning outcomes

After participation in this module, students possess professional, methodological, social and/or personal competencies on fundamental topics from the field of human-computer interaction. Concrete qualification goals/ competencies correspond to the target module to be credited. Students are able to participate in more in-depth and advanced modules in the field of human-computer interaction.

Courses (type, number of weekly contact hours, language — if other than German)

S (2)

Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)

a) written examination (approx. 75 minutes) or
b) presentation (approx. 20 minutes) with handout (approx. 2 pages) or
c) presentation of project results (approx. 20 minutes) or
d) term paper (approx. 10 pages) or
e) a total of approx. 5 hours of completing exercises or
f) oral examination (approx. 25 minutes)
Language of assessment: German and/or English

Allocation of places

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Additional information

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Workload

150 h

Teaching cycle

Teaching cycle: every semester

Referred to in LPO I (examination regulations for teaching-degree programmes)

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Module title			Abbreviation
Specialisation HCI 1			06-HCI-VHCI-1-152-m01
Module coordinator			**Module offered by**
chairperson of examination committee of the Master's degree programme Human-Computer Interaction			Chair of Computer Science IX (Human-Computer Interaction), Chair of Psychological Ergonomics
ECTS	**Method of grading**	**Only after succ. compl. of module(s)**	
5	numerical grade	--	
Duration	**Module level**	**Other prerequisites**	
1 semester	graduate	--	

Contents

In this module, the contents of the degree courses are deepened and references to neighboring sciences are made, which expand and deepen the skills already acquired, e.g. media communication, business informatics, interaction design, sociology of technology, psychology, computer science, museology, digital humanities, geography, etc.

Intended learning outcomes

After participating in this module, students will be able to name and explain typical problems and methods in their own subject as well as in related fields of science and application. They develop methodological competence, communicative competence, cooperation skills and the ability to deal with conflicts in interdisciplinary cooperation.

Courses (type, number of weekly contact hours, language — if other than German)

S (2)

Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)

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b) presentation (approx. 20 minutes) with handout (approx. 2 pages) or
c) presentation of project results (approx. 20 minutes) or
d) term paper (approx. 10 pages) or
e) a total of approx. 5 hours of completing exercises or
f) oral examination (approx. 25 minutes)
Language of assessment: German and/or English
creditable for bonus

Allocation of places

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Additional information

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Workload

150 h

Teaching cycle

Teaching cycle: every semester

Referred to in LPO I (examination regulations for teaching-degree programmes)

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