Module Catalogue
for the Subject
Human-Computer-Interaction
as a Master’s with 1 major
with the degree "Master of Science"
(120 ECTS credits)

Examination regulations version: 2014
Responsible: Faculty of Human Sciences
Responsible: Institute of Human Computer Media
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Content and Objectives of the Programme

The Master of Human-Computer Interaction is an interdisciplinary course of studies that teaches HCI-related competencies as well as competencies in computer science and psychology. The course imparts advanced knowledge on the following subjects:

- Programming and programming techniques;
- Software design and analysis;
- Usability management, human factors design and user experience design;
- User interface design of interactive systems;
- Advanced interaction techniques and paradigms;
- Advanced statistical methods;
- Technological foundations of computational systems;
- Interdisciplinary relationships to other fields of application.

Graduates strengthen the following methodological competencies:

- Analytic thinking and planning and the ability to abstract;
- Algorithmic thinking and design;
- Understanding of and the ability to structure complex relationships in research and application;
- Ability to develop and carry out HCI projects in practice;
- Specialised skills in designing experiments and advanced statistics.

Graduates can apply their knowledge and understanding as well as their problem-solving skills to new and unfamiliar situations that lie in a broad or multidisciplinary context relating to their academic field. They can make scientifically-founded decisions and draw conclusions, also on the basis of incomplete or limited information. They can consider and communicate social, scientific and ethical insights that also derive from the application of their knowledge and their decisions. They can independently acquire new knowledge and ability and can carry out independent scientific or applied research projects in a largely self-directed manner. They can take on lead responsibility in a team.
**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: \( \text{NUM} = \) numerical grade, \( \text{B/NB} = \) (not) successfully completed

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

Other: \( A = \) thesis, \( \text{LV} = \) course(s), \( \text{PL} = \) assessment(s), \( \text{TN} = \) participants, \( \text{VL} = \) 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:

\[\text{ASPO2009}\]

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

\[10-\text{Jul-2014 (2014-31)}\]

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.
Compulsory Courses

(70 ECTS credits)
<table>
<thead>
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**Contents**

No information on contents available.

**Intended learning outcomes**

No information on intended learning outcomes available.

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

V + Ü + S (no information on SWS (weekly contact hours) and course language available)

**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 or English

**Allocation of places**

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**Additional information**

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

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**Contents**

No information on contents available.

**Intended learning outcomes**

No information on intended learning outcomes available.

**Courses**

V + Ü + S (no information on SWS (weekly contact hours) and course language available)

**Method of assessment**

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 or English

**Allocation of places**

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**Additional information**

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

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**Contents**

Human-computer interaction is a discipline at the interface between social and computer science. It explores how humans use devices and systems and how the usefulness and the usability of these devices and systems may be enhanced. In the early years of the discipline, the development of theories and models was influenced mainly by theories from the cognitive sciences on perception, motor functions, memory etc. The development in the cognitive sciences, the increasingly international character and rapid technological progress then led to both a specialisation and new theoretical approaches in HCI. This seminar will explore classic as well as new theoretical approaches and methods in HCI trying to find a common framework despite all specialisation and fragmentation.

**Intended learning outcomes**

German intended learning outcomes available but not translated yet.

Nach der Teilnahme an diesem Modul habe die Studierenden eine umfangreiche Kenntnis über theoretische Ansätze und Methoden der HCI und unterscheiden aus welchen Traditionen bestimmte theoretische Ansätze und Methoden entstanden sind. Diese Kenntnisse ermöglichen eine Einschätzung der Angemessenheit einer Theorie oder Methode für ein spezielles Problem und ermöglichen damit auch eine theoretisch begründete und bewusste Entscheidung für oder gegen eine Theorie oder Methode.

**Courses**

A (no information on SWS (weekly contact hours) and course language available)

**Method of assessment**

(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. 35 minutes)

Language of assessment: German, English

**Allocation of places**

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**Additional information**

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**Referred to in LPO I**

(examination regulations for teaching-degree programmes)
### Module Catalogue for the Subject

#### Human-Computer-Interaction

**Master's with 1 major, 120 ECTS credits**

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<td>graduate</td>
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### Contents

Descriptive statistics, correlations and the comparison of two or several mean values are basic methods of data analysis. This course will acquaint students with advanced statistical methods such as repeated-measures one and multiple-way analysis of variance, process and conjoint analysis, and exploratory as well as confirmatory factor analysis. Each session will include examples of applications and will provide students with an insight into the numerous capabilities of different methods of data analysis. At the end of the semester, students will sit a graded written examination.

### Intended learning outcomes

German intended learning outcomes available but not translated yet.

Nach der Teilnahme an diesem Module kennen die Studierenden fortgeschrittene Methoden der Statistik und können diese in wissenschaftlichen Texten verstehen und einordnen. Die Studierenden sind in der Lage die Methoden bezüglich Vor- und Nachteile gegenüberzustellen um für eine spezifische Problemstellung die geeignetste Methode auszuwählen. Des weiteren beherrschen sie die Grundschritte der Anwendung dieser Methoden.

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

S (no information on SWS (weekly contact hours) and course language available)

### 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. 35 minutes)

Language of assessment: German, English

### Allocation of places

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### Additional information

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

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**Module coordinator**
holder of the Chair of Computer Science IX

**Module offered by**
Institute of Computer Science

**Duration**
1 semester

**Module level**
unknown

**Other prerequisites**
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**Contents**
No information on contents available.

**Intended learning outcomes**
No information on intended learning outcomes available.

**Courses**
V + Ü + S (no information on SWS (weekly contact hours) and course language available)

**Method of assessment**
(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 or English

**Allocation of places**
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**Additional information**
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**Referred to in LPO I**
(examination regulations for teaching-degree programmes)

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**Contents**

No information on contents available.

**Intended learning outcomes**

No information on intended learning outcomes available.

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

A (no information on SWS (weekly contact hours) and course language available)

**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. 35 minutes)

Language of assessment: German, English

**Allocation of places**

--

**Additional information**

--

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

--
### Module title

**Software in organisations**

### Abbreviation

06-HCI-SIO-142-m01

### Module coordinator

holder of the Chair of Psychological Ergonomics

### Module offered by

Institute of Human Computer Media

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### Duration

1 semester

### Module level

graduate

### Other prerequisites

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### Contents

The productivity paradox suggests that an increase in investment in information technology leads to hardly any noticeable increase in the overall level of productivity of a business. This is not true, however, if the focus is on investment in humans. When introducing standard software in organisations, there are numerous aspects to be considered. This module will focus on three areas: usability management during the introduction of software, the planning and running of user training courses, and organisational change management. Using the example of the introduction of enterprise resource planning (ERP) systems such as SAP software, this module will discuss procedures and success factors.

### Intended learning outcomes

**German intended learning outcomes available but not translated yet.**


### Courses

(S no information on SWS (weekly contact hours) and course language available)

### 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. 35 minutes)

Language of assessment: German, English

### Allocation of places

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### Additional information

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### Referred to in LPO I

(examination regulations for teaching-degree programmes)

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Module title
Human-Technology-Society
Abbreviation
06-HCI-MTG-142-m01

Module coordinator
unknown

Module offered by
Institute of Human Computer Media

ECTS
5

Method of grading
numerical grade

Only after succ. compl. of module(s)
--

Duration
1 semester

Module level
graduate

Other prerequisites
--

Contents
German contents available but not translated yet.


Intended learning outcomes
German intended learning outcomes available but not translated yet.

Nach der Teilnahme an diesem Modul kennen und verstehen die Studierenden aktuelle gesellschaftliche Theorien und Themen mit Mensch-Technik-Bezug. In der Debatte pointieren sie Sichtweisen und lernen die Sichtweisen anderer sozialer Gruppen kennen und vertreten. Sie lernen komplexe gesellschaftliche Sachverhalte zu verstehen, zu analysieren und in ihren Auswirkungen zu beurteilen.

Courses
S (no information on SWS (weekly contact hours) and course language available)

Method of assessment
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. 35 minutes)

Language of assessment: German, English

Allocation of places
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Additional information
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Referred to in LPO I (examination regulations for teaching-degree programmes)
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Contents
No information on contents available.

Intended learning outcomes
No information on intended learning outcomes available.

Courses (type, number of weekly contact hours, language — if other than German)
R (no information on SWS (weekly contact hours) and course language available)

Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)
report (approx. 15 pages)
Language of assessment: German or English

Allocation of places
--

Additional information
--

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

HCI Seminar

Abbreviation

06-HCI-Sem-131-m01

Module coordinator

unknown

Module offered by

Institute of Human Computer Media

ECTS

5

Method of grading

numerical grade

Only after succ. compl. of module(s)

Duration

1 semester

Module level

graduate

Other prerequisites

--

Contents

Sound research requires an in-depth reflection of prior approaches and the related work typically published in the scientific media (conference proceedings, journals, books, etc.). This course is an advanced course about typical scientific research work with a specific focus on topics from the field of human-computer interaction (HCI). During the course, students will have to work on one specific topic as a preparation for their master thesis. They will have to find relevant publications, read the publications and analyze them given some defined research questions and/or categories of the current state-of-the-art. They have to summarize and present their findings to a larger audience.

Intended learning outcomes

After the course, the participants will have a solid understanding of an important aspect of typical research work. They will have learned how to read scientific publications, how to extract relevant information, and how to summarize their findings.

Courses

(no information on SWS (weekly contact hours) and course language available)

Method of assessment

(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 or English

Allocation of places

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Additional information

--

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

--
Module title | Abbreviation  
---|---
Exhibition HCI-Project | 06-HCI-Exhib-131-m01  

| Module coordinator | Module offered by  
---|---
chairperson of examination committee of the Master's degree programme Human-Computer Interaction | Institute of Human Computer Media  

| ECTS | Method of grading | Only after succ. compl. of module(s)  
---|---|---
5 | numerical grade | --  

| Duration | Module level | Other prerequisites  
---|---|---
1 semester | graduate | --  

### Contents
Presentation and communication skills are important for application-oriented and practical aspects of various sciences. This is particularly true for human-computer interaction (HCI). This course requires participants to present the results of an associated project to a larger audience in an exhibition-like setup.

### Intended learning outcomes
The participants will learn how to present their own work to a larger audience, how to plan, design and set-up the different parts of an own exhibition booth, and how to react individually to questions from the audience.

### Courses
R (no information on SWS (weekly contact hours) and course language available)  

### Method of assessment
R (no information on SWS (weekly contact hours) and course language available)  

presentation (approx. 30 minutes)
Language of assessment: German or English

### Allocation of places
--

### Additional information
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### Referred to in LPO I
(examination regulations for teaching-degree programmes)
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## Module title

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### Abbreviation

| 06-HCI-BPrakt-131-m01 |

## Module coordinator

| unknown |

## Module offered by

| Institute of Human Computer Media |

## ECTS

| 10 |

## Method of grading

| (not) successfully completed |

## Only after succ. compl. of module(s)

## Duration

| 1 semester |

## Module level

| unknown |

## Other prerequisites

| -- |

## Contents

Practical experience is an important skill and source of information for application-oriented aspects of various sciences and the related job descriptions. This is also true for Human-Computer Interaction (HCI). This course requires the participants to take part in an internship either in the academic field or in the industry.

## Intended learning outcomes

The participants will learn how potential future jobs and employments will be characterized and what kind of qualifications will be expected from them.

## Courses

R (no information on SWS (weekly contact hours) and course language available)

## Method of assessment

placement report / fieldwork report / report on practical training / report on practical course / project report / report on technical course (approx. 2 pages)

Language of assessment: German or English

## Allocation of places

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## Additional information

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## Referred to in LPO I

(examination regulations for teaching-degree programmes)

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## Master's with 1 major Human-Computer-Interaction

Master's with 1 major, 120 ECTS credits

(2014)
Compulsory Electives
(20 ECTS credits)
### Module title

Interdisciplinary Relations 1

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### Module coordinator

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### Module offered by

Institute of Human Computer Media

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### Contents

German contents available but not translated yet.


### Intended learning outcomes

German intended learning outcomes available but not translated yet.


### Courses

S (no information on SWS (weekly contact hours) and course language available)

### Method of assessment

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 or English

### Allocation of places

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### Additional information

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### Referred to in LPO I

(examination regulations for teaching-degree programmes)

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**Contents**

German contents available but not translated yet.


**Intended learning outcomes**

German intended learning outcomes available but not translated yet.


**Courses**

S (no information on SWS (weekly contact hours) and course language available)

**Method of assessment**

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 or English

**Allocation of places**

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**Additional information**

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**Intended learning outcomes**

No information on intended learning outcomes available.

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

S (no information on SWS (weekly contact hours) and course language available)

**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. 35 minutes)

Language of assessment: German, English

**Allocation of places**

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**Additional information**

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

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### Intended learning outcomes
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### Courses
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### Method of assessment
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Language of assessment: German, English

### Allocation of places
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### Additional information
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### Referred to in LPO I
(examination regulations for teaching-degree programmes)

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## Module title

**Advanced Usability**

### Abbreviation

06-HCI-UM-142-m01

## Module coordinator

unknown

## Module offered by

Institute of Human Computer Media

## ECTS

5

## Method of grading

Numerical grade

## Only after succ. compl. of module(s)

--

## Duration

1 semester

## Module level

Graduate

## Other prerequisites

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## Contents

**German contents available but not translated yet.**


## Intended learning outcomes

**German intended learning outcomes available but not translated yet.**

Nach der Teilnahme an diesem Modul verstehen die Studierenden die Prinzipien ausgewählter Usability Methoden und Domänen und sind in der Lage selbst Benutzungsschnittstellen zu gestalten sowie Studien durchzuführen, um Fragestellungen aus dem Bereich der Mensch-System Interaktion zu untersuchen. Des weiteren können sie die Vor- und Nachteile verschiedener Methoden abschätzen und empirische Studien sowie Gestaltungslösungen beurteilen und kritisch hinterfragen.

## Courses

**S (no information on SWS (weekly contact hours) and course language available)**

## Method of assessment

**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. 35 minutes)**

Language of assessment: German, English

## Allocation of places

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## Additional information

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## Referred to in LPO I

(examination regulations for teaching-degree programmes)

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Module title | Abbreviation
---|---
Advanced Human Factors | 06-HCI-HF-142-m01

Module coordinator | Module offered by
unknown | Institute of Human Computer Media

ECTS | Method of grading | Duration | Module level | Other prerequisites
5 | numerical grade | 1 semester | unknown | --

Contents

German contents available but not translated yet.


Intended learning outcomes

German intended learning outcomes available but not translated yet.

Nach der Teilnahme an diesem Modul verstehen die Studierenden die Prinzipien ausgewählter Human Factors Methoden und Domänen und sind in der Lage selbst Studien durchzuführen, um Fragestellungen aus dem Bereich der Mensch-System Interaktion zu untersuchen. Des weiteren können sie die Vor- und Nachteile verschiedener Methoden abschätzen und empirische Studien beurteilen und kritisch hinterfragen.

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

S (no information on SWS (weekly contact hours) and course language available)

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. 35 minutes)

Language of assessment: German, English

Allocation of places

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Additional information

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

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## Module Catalogue for the Subject

### Human-Computer-Interaction

**Master's with 1 major, 120 ECTS credits**

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**Institute of Human Computer Media**

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### Contents

German contents available but not translated yet.

In diesem Modul werden vertieft Inhalte, Methoden und Anwendungen der User Experience Forschung gelehrt, also der Gestaltung von Mensch-Computer-Systemen hinsichtlich eines guten Erlebens der Benutzer. Anwendungbeispiele kommen dabei aus dem öffentlichen und privaten Raum, beinhalten z.B. Kundenzufriedenheit, Persuasive Interfaces, Ästhetische Gestaltung und Service Design.

### Intended learning outcomes

German intended learning outcomes available but not translated yet.

Nach der Teilnahme an diesem Modul verstehen die Studierenden die Prinzipien ausgewählter User Experience Methoden und Domänen und sind in der Lage selbst Benutzungsschnittstellen zu gestalten sowie Studien durchzuführen, um entsprechende Fragestellungen aus dem Bereich der Mensch-System Interaktion zu untersuchen. Des weiteren können sie die Vor- und Nachteile verschiedener Methoden abschätzen und empirische Studien sowie Gestaltungslösungen beurteilen und kritisch hinterfragen.

### Courses

S (no information on SWS (weekly contact hours) and course language available)

### Method of assessment

- 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. 35 minutes)

Language of assessment: German, English

### Allocation of places

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### Additional information

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### Referred to in LPO I

(examination regulations for teaching-degree programmes)

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**Intended learning outcomes**
No information on intended learning outcomes available.

**Courses** (type, number of weekly contact hours, language — if other than German)
V + Ü + S (no information on SWS (weekly contact hours) and course language available)

**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 or English

**Allocation of places**
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**Additional information**
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**Referred to in LPO I** (examination regulations for teaching-degree programmes)
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### Module offered by

**Institute of Human Computer Media**

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### Duration

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V + Ü + S (no information on SWS (weekly contact hours) and course language available)

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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 or English

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No information on contents available.

Intended learning outcomes

No information on intended learning outcomes available.

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

V + Ü + S (no information on SWS (weekly contact hours) and course language available)

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 or English

Allocation of places

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Additional information

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**Contents**
No information on contents available.

**Intended learning outcomes**
No information on intended learning outcomes available.

**Courses**
V + Ü + S (no information on SWS (weekly contact hours) and course language available)

**Method of assessment**
(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 or English

**Allocation of places**
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**Additional information**
--

**Referred to in LPO I** (examination regulations for teaching-degree programmes)
--
### Module title

**Work experience as a research and teaching assistant**

### Abbreviation

06-HCI-Tut-131-m01

### Module coordinator

Chairperson of examination committee of the Master's degree programme Human-Computer Interaction

### Module offered by

Institute of Human Computer Media

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### Duration

1 semester

### Module level

Graduate

### Other prerequisites

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### Contents

The students have to individually work as tutors (research and/or teaching assistants) in the scope of the bachelor program Mensch-Computer Systeme (MCS) and/or the master program Human-Computer Interaction (HCI). The tasks will be individually defined from the range of individual tasks typically associated with academic work in the field.

### Intended learning outcomes

Competencies will span two areas. Working as a teaching assistant, participants will learn how to teach others about HCI topics. They will gain a better understanding on the problems students may face during learning. Working as a research assistant, participants will gain first-hand as well practical experience on the methodology of scientific work.

### Courses

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

P (no information on SWS (weekly contact hours) and course language available)

### Method of assessment

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

Report (approx. 2 pages)

### Allocation of places

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### Additional information

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

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**Contents**

The students have to individually work on an assigned problem in the field of Human-Computer Interaction and document their results using good scientific standards.

**Intended learning outcomes**

Participants will learn how to apply scientific methods from the HCI field. They will learn a structured approach starting from a definition and motivation of research questions and the discussion and summery of related work from scientific publications and prior approaches. Following this they will learn how to develop own concepts and methods to tackle the questions and how to implement them and potentially to evaluate the results.

**Courses**

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**Allocation of places**

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**Additional information**

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

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