Module Catalogue
for the Module studies (Bachelor)

Human-Computer Systems

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

The subject is divided into

Abbreviations used, Conventions, Notes, In accordance with

Summer Term 2019
- Interactive Systems 1
- Interactive Systems 2
- Interactive Systems 3

Winter Term 2019
- Interactive Systems 1
- Interactive Systems 2
- Interactive Systems 3

Winter Term 2020
- Specialization MCS 1
- Specialization MCS 2

Summer Term 2021
- Specialization MCS 1
- Specialization MCS 2

Winter Term 2021
- Specialization MCS 1
- Specialization MCS 2
The subject is divided into

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<td>Summer Term 2019</td>
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Abbreviations used

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

Term: \texttt{SS} = summer semester, \texttt{WS} = winter semester

Methods of grading: \texttt{NUM} = numerical grade, \texttt{B/NB} = (not) successfully completed

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

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

- 14-Nov-2019 (2019-52)
- 22-Jan-2020 (2020-13)
- 06-May-2019 (2020-39)
- 22-Jul-2020 (2020-57)
- 17-Dec-2020 (2020-110)
- 10-Mar-2021 (2021-17)
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
(o ECTS credits)
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<tr>
<th>Module title</th>
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<td>10-MCS-IS1-152-m01</td>
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**Intended learning outcomes**

At the end of the course, students will have a thorough knowledge of the requirements of interactivity. They will be able to identify and analyse technical capabilities and properties of today’s computer systems with respect to interactivity as well as to derive the necessary actions. Students will have learned to choose appropriate solutions and tools for various development tasks in this area. Having been equipped with a theoretical foundation, students will be able to develop alternative solutions for future systems.

**Courses**

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

V (2) + Ü (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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Language of assessment: German and/or English creditable for bonus

**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 | Interactive Systems 2
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Abbreviation | 10-MCS-IS2-152-m01

Module coordinator
holder of the Chair of Computer Science IX

Module offered by
Institute of Computer Science

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

Duration | Module level | Other prerequisites
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**Allocation of places**

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**Additional information**

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Interactive Systems 2

Module title
Interactive Systems 2
Abbreviation
10-MCS-IS2-152-m01

Module coordinator
holder of the Chair of Computer Science IX

Module offered by
Institute of Computer Science

ECTS
5

Method of grading
numerical grade

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Duration
1 semester

Module level
undergraduate

Other prerequisites
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Interactive Systems 3

**Abbreviation**
10-MCS-IS3-152-m01

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

**Module offered by**
Institute of Computer Science

**ECTS**
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**Method of grading**
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**Duration**
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**Module level**
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**Other prerequisites**
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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, the students understand problems and methods in their own subject as well as in the related scientific and application areas. They develop knowledge, skills and abilities in relation to communication, cooperation and conflict resolution in interdisciplinary cooperation.

**Courses**

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Summer Term 2021

(0 ECTS credits)
Module title | Abbreviation
---|---
Specialization MCS 1 | 06-MCS-V1-152-m01

**Module coordinator**
Chairperson of examination committee of the Bachelor’s degree programme Mensch-Computer-Systeme (Human-Computer Systems)

**Module offered by**
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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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Winter Term 2021
(0 ECTS credits)
## Module title

Specialization MCS 1

## Abbreviation

06-MCS-V1-152-m01

### Module coordinator

Chairperson of examination committee of the Bachelor's degree programme Mensch-Computer-Systeme (Human-Computer Systems)

### Module offered by

Institute of Human Computer Media

### ECTS

5

### Method of grading

Numerical grade

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

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### Duration

1 semester

### Module level

Undergraduate

### Other prerequisites

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## 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, the students understand problems and methods in their own subject as well as in the related scientific and application areas. They develop knowledge, skills and abilities in relation to communication, cooperation and conflict resolution 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)

Unless otherwise specified, the following methods can be chosen from for assessment in the specialisations Human-Computer Systems: a) written examination (approx. 90 minutes), b) presentation (approx. 20 minutes) and handout (approx. 5 pages), c) presentation of project results (approx. 30 minutes), d) presentation (approx. 45 minutes), e) oral examination of one candidate each (approx. 30 minutes) or f) term paper (approx. 10 pages). Language of assessment: German and/or English creditable for bonus

## Allocation of places

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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**
Specialization MCS 2

**Abbreviation**
06-MCS-V2-152-m01

**Module coordinator**
chairperson of examination committee of the Bachelor's degree programme Mensch-Computer-Systeme (Human-Computer Systems)

**Module offered by**
Institute of Human Computer Media

**ECTS**
5

**Method of grading**
numerical grade

**Only after succ. compl. of module(s)**
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**Duration**
1 semester

**Module level**
undergraduate

**Other prerequisites**
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**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, the students understand problems and methods in their own subject as well as in the related scientific and application areas. They develop knowledge, skills and abilities in relation to communication, cooperation and conflict resolution in interdisciplinary cooperation.

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

V (2) + Ü (1)

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

Unless otherwise specified, the following methods can be chosen from for assessment in the specialisations Human-Computer Systems: a) written examination (approx. 90 minutes), b) presentation (approx. 20 minutes) and handout (approx. 5 pages), c) presentation of project results (approx. 30 minutes), d) presentation (approx. 45 minutes), e) oral examination of one candidate each (approx. 30 minutes) or f) term paper (approx. 10 pages). Language of assessment: German and/or English creditable for bonus

**Allocation of places**
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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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