Welcome and information event
summer semester 2018

M.Sc.
Computer and
Information Science

Department of Computer and Information Science

**History**

<table>
<thead>
<tr>
<th>Field</th>
<th>Since</th>
</tr>
</thead>
<tbody>
<tr>
<td>Information Science</td>
<td>1980th</td>
</tr>
<tr>
<td>Computer Science</td>
<td>1994</td>
</tr>
<tr>
<td>Department of Computer Science</td>
<td>1999</td>
</tr>
<tr>
<td>International Master’s programme in Computer and Information Science</td>
<td>2010</td>
</tr>
</tbody>
</table>

**Academic staff**

<table>
<thead>
<tr>
<th>Role</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>Professors</td>
<td>14</td>
</tr>
<tr>
<td>Scientific researchers</td>
<td>91</td>
</tr>
<tr>
<td>Academic councils</td>
<td>2</td>
</tr>
<tr>
<td>Post-docs</td>
<td>24</td>
</tr>
<tr>
<td>PhD students</td>
<td>65</td>
</tr>
</tbody>
</table>
Our research groups and mentors

<table>
<thead>
<tr>
<th>Name</th>
<th>Department</th>
</tr>
</thead>
<tbody>
<tr>
<td>PD Dr. Christian Borgelt</td>
<td>Bioinformatics and Information Mining</td>
</tr>
<tr>
<td>tba</td>
<td>Algorithmics</td>
</tr>
<tr>
<td>Prof. Dr. Oliver Deussen</td>
<td>Computer Graphics and Media Design</td>
</tr>
<tr>
<td>Prof. Dr. Sven Kosub</td>
<td>Theoretical Computer Science</td>
</tr>
<tr>
<td>Prof. Dr. Marc Scholl</td>
<td>Databases &amp; Information Systems</td>
</tr>
<tr>
<td>Head of the Examination Board</td>
<td></td>
</tr>
<tr>
<td>Prof. Dr. Marcel Waldvogel</td>
<td>Distributed Systems</td>
</tr>
<tr>
<td>Prof. Dr. Bastian Goldücke</td>
<td>Computer Vision and Image Analysis</td>
</tr>
<tr>
<td>Prof. Dr. Daniel A. Keim</td>
<td>Data Analysis and Visualisation</td>
</tr>
<tr>
<td>Prof. Dr. Stefan Leue</td>
<td>Software Engineering</td>
</tr>
<tr>
<td>Prof. Dr. Harald Reiterer</td>
<td>Human-Computer Interaction</td>
</tr>
<tr>
<td>Prof. Dr. Dietmar Saupe</td>
<td>Multimedia Signal Processing</td>
</tr>
<tr>
<td>Prof. Dr. Bela Gipp</td>
<td>Information Science</td>
</tr>
<tr>
<td>Prof. Dr. Michael Grossniklaus</td>
<td>Databases &amp; Information Systems</td>
</tr>
<tr>
<td>Prof. Dr. Falk Schreiber</td>
<td>Computational Life Sciences</td>
</tr>
</tbody>
</table>

Our Department of Computer and Information Science

Special Features / Labs
- multimedia and tele-teaching facilities
- e-David (drawing robot),
- Powerbike, Immersive Lab
- Computer Vision Lab

Joint research focus
- explorative analysis and visualization of large information spaces
Master’s programme: structure

The master’s programme in brief
- Research-driven teaching and studying
- No mandatory courses; flexible study structure
- Areas of specialization / profiles
- Mentoring programme
- Programmes is structured in three areas:
  - core area of studies
  - supplementary area of studies
  - final part of studies

Master’s programme: webpages

Master’s Homepage

www.informatik.uni-konstanz.de/en/studies/master-of-science/
Master's programme: structure

1-year's programme

Workload and ECTS

- **Total**: 60 ECTS
  - core area of studies
    - departmental advanced courses
      - 17 ECTS
  - final part of studies
    - MA seminar (4 ECTS)
    - MA project (9 ECTS)
    - MA thesis (30 ECTS) + colloquium
      - 43 ECTS

**Recommended ECTS:**

- 30 ECTS = workload per semester
- 1 ECTS = 30 hours work

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Master's programme: structure

1-year's programme study plan

<table>
<thead>
<tr>
<th></th>
<th>Total: 60 ECTS</th>
<th>1. semester</th>
<th>2. semester</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>core area of studies</strong> (17 ECTS)</td>
<td>advanced level courses</td>
<td>17 ECTS</td>
<td></td>
</tr>
<tr>
<td><strong>final part of studies</strong> (43 ECTS)</td>
<td>Mentor discussion</td>
<td>Master seminar 4 ECTS</td>
<td>Master thesis + colloquium 30 ECTS</td>
</tr>
</tbody>
</table>
Master's programme: structure

1-year’s programme

- Duration
  - standard study period: 2 semesters
  - longest duration of study: 5 semesters

- Mentoring programme
  - choice of an academic supervisor (mentor) in the beginning of the first semester

- Study specialisation (profile)
  - final part of studies
  - at least two departmental advanced courses related to the profile

Master's programme: structure

2-year’s programme

Workload and ECTS

- Total: 120 ECTS
  - core area of studies (departmental advanced courses): 60-77 ECTS

  - supplementary area of studies (courses from other departments, SQ/SL/I/O): 0-17 ECTS / incl. max. 6 ECTS from SQ/SL/I/O courses

  - final part of studies (MA seminar (4 ECTS) / MA project (9 ECTS) / MA thesis (30 ECTS) + colloquium): 43 ECTS

Recommended ECTS:

- 30 ECTS = workload per semester
- 1 ECTS = 30 hours work

16.04.18
Master's programme: structure

2-year’s programme study plan

<table>
<thead>
<tr>
<th></th>
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</tr>
</thead>
<tbody>
<tr>
<td><strong>Core area of studies</strong> (60-77 ECTS)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>Supplementary area of studies</em> (0-17 ECTS)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Final part of studies</strong> (43 ECTS)</td>
<td>Discussion</td>
<td>Seminar</td>
<td>Project</td>
<td>Colloquium</td>
</tr>
<tr>
<td></td>
<td>4 ECTS</td>
<td>9 ECTS</td>
<td>30 ECTS</td>
<td></td>
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</tbody>
</table>

*Course recommendations are listed in the Zeus course catalogue.

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Master's programme: structure

2-year’s programme

- **Duration**
  - standard study period: 4 semesters
  - longest duration of study: 7 semesters

- **Mentoring programme**
  - choice of an academic supervisor (mentor) during the **first semester** but latest before exam registration

- **Study specialisation (profile)**
  - final part of studies
  - at least two departmental advanced courses related to the profile
Master's programme: structure

2-year’s programme

Further requirements

- **Minimum ECTS requirement in the 1st year**
  - You must complete at least 30 ECTS by the end of the 2nd master’s semester!
  - By failure you loose the right to examination!

- **Final grade composition**
  - Grades from exam achievements from other departments/SQ/SL/IO are excluded from the master’s grade composition

Master's programme: structure

Mentoring programme

**Mentor and mentor talk**

- academic supervisor
- departmental Professor or academic council
- helps to profile your studies
- recommends MA seminar
- supervises MA project and MA thesis
- signs the mentor talk report

- More than one mentor talks is allowed
- change of mentor is possible but only reasonable as long as you haven't started to work on the final area of studies
Mentoring programme

Mentor report

- written report about the mentor talk
- mutual agreement on the final part of studies: MA seminar / MA project / MA thesis

- **Please mind:** The mentor report must be submitted to the departmental examination office (PZ 807)

- Your exam registration + result is invalid unless you have handed in your signed mentor report to PZ 807!
Master's programme: structure

Study specialisation / profiles

- Data Mining/Big Data
- Digital Libraries
- Interactive Systems (HCI)
- Network Science
- Systems
- Visual Computing

Requirements

- final part of studies – MA seminar / project / thesis – is related to your profile
- a minimum of two advanced courses are related to your profile

Master's programme: recognition

Recognition of study and exam achievements

- Study and examination results that haven't been counted for your BA degree can be recognized on request only during the first semester.

- The printed recognition form and all required documents are to be handed over to our Examination Board; to the hands of Dr. Martin Brunner (PZ 808)

- Head of the Examination Board: Prof. Dr. Marc Scholl

- Information for departmental BA graduates: please see Ms. Kris Rellstab (PZ 807) to transfer your bachelor credits to your master's account!
Master's programme: registration

Course registration in Zeus

- Departmental advanced courses (core area of studies)
  - course registration is not mandatory
  - Please mind the course descriptions in Zeus / course instructor’s recommendation.

- Other department/SQ courses (supplementary area of studies)
  - Course registration modalities differ within the university.

Master's programme: registration

Exams

- Registration
  1. Online registration in StudIS during the exam registration period is mandatory!

Mind the different sub-accounts to register exams!

Master's programme: registration

Exams

- Registration
  2. Two different exam registration periods

<table>
<thead>
<tr>
<th>Course type</th>
<th>1st exam date</th>
<th>2nd exam date</th>
</tr>
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<tbody>
<tr>
<td>lectures</td>
<td>01.06.2018 – 09.07.2018</td>
<td>01.09.2018 – 01.10.2018</td>
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<tr>
<td>seminars</td>
<td>09.04.2018 – 14.05.2018</td>
<td></td>
</tr>
<tr>
<td>projects</td>
<td>01.04.2018 - 30.09.2018</td>
<td></td>
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</table>
Master's programme: registration

Exams

- Exams take place twice per semester
  - First exam period is usually set in the last two weeks of the lecture period of the running semester
  - Second exam period is usually set in the last two weeks before the start of a new semester/lecture period

- Repeat course examination rules
  - Exams can be re-taken only once!
  - A two-times course exam failure is followed by loosing the right to examination for this specific course only
  - Course exams must be re-taken within one academic year. Otherwise the examination right for this specific course expires.

Master's programme: registration

Exams

- Registration
  3. (De-)registration via form after the exam registration period has expired is not possible!
  4. Exam registration is binding: non-attendance without valid reason (medical certificate etc.) means course failure
  5. Un-registered exam performance is not valid
  6. After having failed an exam on the first attempt there is no automatic re-registration for the second exam date
  7. TAN list is required to register online for exams in StudIS

More information on TAN lists here:
http://cms.uni-konstanz.de/en/studis/tan/
Master's programme: registration

Master's examination registration

- Registration: final area of studies

<table>
<thead>
<tr>
<th>Course type</th>
<th>Registration</th>
<th>Registration period</th>
<th>Submit</th>
</tr>
</thead>
<tbody>
<tr>
<td>MA project</td>
<td>form</td>
<td>always</td>
<td>Departmental Examination Office (PZ807)</td>
</tr>
<tr>
<td>MA thesis</td>
<td>form</td>
<td>always</td>
<td>Departmental Examination Office (PZ807)</td>
</tr>
<tr>
<td>MA colloquium</td>
<td>form</td>
<td>always</td>
<td>Departmental Examination Office (PZ807)</td>
</tr>
</tbody>
</table>

All registration forms can be downloaded here: www.informatik.uni-konstanz.de/en/service-and-support/download-page

Master's programme: webpages

Exam matters

www.informatik.uni-konstanz.de/en/studies/master-of-science
**Good to know**

**Academic leave of absence**

- If you are not able to participate in the lectures of the running semester for a longer period of time because of important reasons, you may request an academic leave of absence.

- **Important reasons are:**
  - Study abroad
  - Internship that serves the completion of studies
  - Illness
  - Family issues
    - Care of a child under the age of five
    - Times of maternity/parental leave
  - Individual reasons


**Going abroad and internships**

**Study exchange and internships (abroad)**

- Many study exchange options on master’s level
  - Erasmus programme (Europe)
  - Global exchange (overseas)
  - Erasmus placement; IAESTE etc.

- Each winter semester: [information event on “Going abroad information for Computer Science students”](http://www.studium.uni-konstanz.de/en/formalities-during-the-studies/leave-of-absence/)

no obligatory practical semester in the master’s programme
Going abroad and internships

Study exchange and internships (abroad)

Studies and Internships

Department
Research
Studies
Service and Support
International

Universität Konstanz

Going abroad and internships

Internships

Department of Computer and Information Science

Examination Matters

Internships and job offers

Universität Konstanz
Employability and career service

Department of Computer and Information Science
Alexandra Marencakova
Career Support - Department of Computer and Information Science
career.inf@uni-konstanz.de
Office: PZ804

First steps

- Get a course overview and register (if required) for courses and tutorials/groups (Zeus)
- Mind the varying registration periods for lectures and seminars.
- Plan your workload (20-30 ECTS)
- Towards the end of this semester:
  - Choose a study specialisation (profile)
  - Contact to your mentor (mentor talk) and register for exams (StudIS)
Map: University of Konstanz

- Department of Computer Science (PZ)
- Library (N-building)
- International Office (A6, SSZ)
- Library IT-Service Center
  www.kim.uni-konstanz.de
- SSZ (Student service centre)
- Mensa
- Mensa

Contact us

Department of Computer and Information Science

Maria Hesse (M.A.)
Internationalization and Master’s coordination

Tel: +49-7531-88-2078
Maria.Hesse@uni.kn

Counseling Hour:
Tue: 9:30-11:30; Thu: 13:30-16:30, on demand
Friday not in office
Room: PZ 807

Follow us on Facebook:
www.facebook.com/inf.uni-konstanz/

Meet our student council
fachschaft@inf.uni-konstanz.de
Room: PZ 809

Room: PZ 809
Department Computer and Information Science

Contacts

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Marc.Scholl@uni.kn
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Martin.Brunner@uni-konstanz.de
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Department
Kris Rellstab
Departmental Examination Office
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Room: PZ 607

International Office
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International degree-seeking students
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Alexandra.Frasch@uni.kn
Room: A423

We wish you all the best for your master’s studies