Welcome and information event
winter semester 2017

M.Sc. Computer and Information Science
Department of Computer and Information Science

History

Information Science since 1980th
Computer Science since 1994
Department of Computer Science since 1999
International Master’s programme in Computer and Information Science since 2010

Academic staff

Professors 14
Scientific researchers 91
  Academic councils 2
  Post-docs 24
  PhD students 65
Our research groups and mentors

PD Dr. Christian Borgelt  
Bioinformatics and Information Mining

Prof. Dr. Ulrik Brandes  
Algorithmics

Prof. Dr. Oliver Deussen  
Computer Graphics and Media Design

Prof. Dr. Sven Kosub  
Theoretical Computer Science

Prof. Dr. Marc Scholl  
Databases & Information Systems  
Head of the Examination Board

Prof. Dr. Marcel Waldvogel  
Distributed Systems

Prof. Dr. Bastian Goldlücke  
Computer Vision and Image Analysis

Prof. Dr. Daniel A. Keim  
Data Analysis and Visualisation  
Dean of studies

Prof. Dr. Stefan Leue  
Software Engineering

Prof. Dr. Harald Reiterer  
Human-Computer Interaction

Prof. Dr. Dietmar Saupe  
Multimedia Signal Processing  
Departmental speaker

Prof. Dr. Bela Gipp  
Information Science

Prof. Dr. Michael Grossniklaus  
Databases & Information Systems

Prof. Dr. Falk Schreiber  
Computational Life Sciences
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
### 1-year’s programme study plan

<table>
<thead>
<tr>
<th></th>
<th>1. semester</th>
<th>2. semester</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Total: 60 ECTS</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>core area of studies (17 ECTS)</strong></td>
<td>advanced level courses 17 ECTS</td>
<td></td>
</tr>
<tr>
<td><strong>final part of studies (43 ECTS)</strong></td>
<td>Mentor discussion 4 ECTS</td>
<td>Master thesis + colloquium 30 ECTS</td>
</tr>
<tr>
<td></td>
<td>Master seminar 9 ECTS</td>
<td></td>
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<tr>
<td></td>
<td>Master project 9 ECTS</td>
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</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/SLI/IO): 0-17 ECTS / incl. max. 6 ECTS from SQ/SLI/IO 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
## Master’s programme: structure

### 2-year’s programme study plan

|-----------------|-------------|-------------|-------------|-------------|

### Core area of studies
(60-77 ECTS)
- Advanced level Computer Science courses

### Supplementary area of studies
(0-17 ECTS)
- Non-specialist courses

### Final part of studies
(43 ECTS)
- **Mentor discussion** 4 ECTS
- **Master seminar** 4 ECTS
- **Master project** 9 ECTS
- **Master thesis + colloquium** 30 ECTS

*Course recommendations are listed in the Zeus course catalogue.*
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/SLI/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

Contact your prospective mentor through e-mail, subject: “mentor talk”

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

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

### Mentoring programme

### Mentor report
- Form can be downloaded from our homepage

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### Department of Computer and Information Science

<table>
<thead>
<tr>
<th>Department</th>
<th>Research</th>
<th>Studies</th>
<th>Service and Support</th>
<th>International</th>
</tr>
</thead>
<tbody>
<tr>
<td>Study Advisory Service</td>
<td>Study essentials</td>
<td>Examination Matters</td>
<td></td>
<td></td>
</tr>
<tr>
<td>IT-Service and Support</td>
<td>Links and Downloads</td>
<td>Placements and job offers</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Career Passport</td>
<td></td>
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<td></td>
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</tbody>
</table>
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

Your study specialisation appears on your graduate certificate if you apply for a certificate addendum.

www.informatik.uni-konstanz.de/en/studies/master-of-science/study-profiles/
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

Course registration in Zeus

You need help? Contact our buddies
buddyteam.inf@uni-konstanz.de

Zeus
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>
</thead>
<tbody>
<tr>
<td>lectures</td>
<td>01.12.2017 - 05.02.2018</td>
<td>026.03.2018 - 02.04.2018</td>
</tr>
<tr>
<td>seminars</td>
<td>6.10. - 20.11.2017</td>
<td></td>
</tr>
<tr>
<td>projects</td>
<td>01.10.2017 - 31.03.2018</td>
<td></td>
</tr>
</tbody>
</table>

examination matters
https://www.informatik.uni-konstanz.de/en/service-and-support/examinations/
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

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

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>
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</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

Examination Matters

Examination Matters

Here you can find everything regarding your examinations

Exam Registration
Withdrawal from Exams and Sickness
Requests to the Departmental Examination Board
Plagiarism
Forms and Downloads
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

Please find detailed information here: www.studium.uni-konstanz.de/en/formalities-during-the-studies/leave-of-absence/
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”
  - 07.12. 2017
  - Time: tba
  - Room: tba

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

Study exchange and internships (abroad)

Students and Internships

Department of Computer and Information Science ➤ International ➤ Studies and Internships

FOR STUDENTS STUDYING IN KONSTANZ

Students in Konstanz

→ Study exchange in Europe
→ Bilateral exchange with Switzerland
→ Internships abroad

Global exchange
→ More exchange options
→ Recognition of coursework

Study exchange in Europe

Study in Europe with Erasmus+

Study abroad is one of our numerous partner universities and gain international experience!
Going abroad and internships

Internships

Department of Computer and Information Science
Examination Matters

Placements and job offers

Whether in the region, in Germany or abroad - there are many opportunities to gain practical experience during your studies.
Career Passport

Thinking about starting your career in Germany? The best way to prepare your future is now.

Join our Career Passport programme for international students to boost your career opportunities.

Now is the time to:

- Find out which career you really want to pursue
- Meet your future employers
- Find out if reality meets your job expectations
- Learn all about job hunting and job applications in Germany
Career Passport

Learn to sell yourself to future employers in the best possible light

How does it work?

Join our information event to learn more and have all your questions answered:
- Tuesday, Nov. 6th at 5pm in room R 511

Get your career passport: informatik.uni.kn/career
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)
- Contact me and/or our buddies for help
- Towards the end of this semester:
  - Choose a study specialisation *(profile)*
  - Contact to your mentor *(mentor talk)* and register for exams *(StudIS)*
Our recommendations

We recommend to join

- **Scientific Practices for Students**
  - Course number: INF-20050-20171
  - 3 ECTS

- **Lecture series** (Ringvorlesung)
  - 18.10 – 20.10
  - A701/703
  - starting from 11am

- **Career Passport information event**
  - Tuesday, Nov. 6th at 5pm in room R 511
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/

Mensa

SSZ (Student service centre)
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

Contact our student’s buddies: Anastasia Zhukova (M.Sc.), Laman Abdullahayeva (M.Sc.), Sibora Xhema (M.Sc.)

buddyteam.inf@uni-konstanz.de

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

Follow us on Facebook:
www.facebook.com/inf.uni-konstanz/
Department Computer and Information Science

Contacts

Department
Dr. Martin Brunner
Department Administrator & Student Advisor
Tel: +49-7531-88-4437
Martin.Brunner@uni-konstanz.de
Room: PZ 808

Department
Prof. Dr. Marc Scholl
Head of the Examination Board
Tel.: +49-7531 88-4432
Marc.Scholl@uni.kn
Room: PZ 811

Department
Kris Rellstab
Departmental Examination Office
Tel: +49-7531-88-2878
Room: PZ 807

International Office
Alexandra Frasch
International degree-seeking students
Tel: +49-7531-88-5344
Alexandra.Frasch@uni.kn
Room: A623
We wish you all the best for your master’s studies