Organization

- 9 professors, 2 assistant professors, 2 academic councilors
- about 80 scientists
- some 420 students

Special Features

- Joint Research Profile:
  - *Explorative analysis and visualization of large information spaces*
- Multimedia and Teleteaching Facilities (currently under renovation)
- Powerwall, Media Room, e-David (drawing robot)
Information Engineering & Computer Science

Bachelor:

- Information Engineering (3-year BA degree program)
- Computer Science (4-year BA degree program)

- First degree
- Qualifies for beginning professional work

Master (1* or 2 years)

- Research degree
- Open for Bachelor of Science (B.Sc.) graduates from other disciplines
- Qualifies for a higher position in professional work

* Applicants with a relevant four-year undergraduate degree may finish the course within two semesters
Master Information Engineering

Structure

1-year Master degree program
- Compulsory area: 43 ECTS
- Compulsory elective area
  - In-depth courses: 17 ECTS

Total: 60 ECTS

2-year Master degree program
- Compulsory area: 43 ECTS
- Compulsory elective area
  - In-depth courses: 60 ECTS
  - *Non-specialist courses: 17 ECTS
    (A maximum of 8 ECTS for SQ courses)

Total: 120 ECTS

Recommended ECTS  (European Credit Transfer System)
- 30 ECTS = workload per semester
- 1 ECTS = 30 hours workload (presence and preparation)

*Listed in our non-specialist course catalogue: www.informatik.uni-konstanz.de/en/study/program-of-study
Master Information Engineering

2-year Master degree program

Structure: 120 ECTS

- Compulsory area: 43 ECTS credits
- In-depth courses: 60 ECTS credits
- *Non-specialist courses: 17 ECTS credits

Duration

- Standard period of study: 4 semester
- Max. 3 additional semesters (longest possible period of study: 7 semesters)

Mentoring discussion

- Latest at the end of the 1. semester

*Listed in our non-specialist course catalogue: www.informatik.uni-konstanz.de/en/study/program-of-study
Master Information Engineering

Structure

- **Compulsory area**
  - Mentor discussion
  - Master seminar (4 ECTS)
  - Master project (9 ECTS)
  - Master thesis & colloquium (30ECTS)

- **Compulsory elective area**
  - In-depth-courses (advanced lectures offered by the department)
  - *Non-specialist courses (lectures offered by other departments)
  - SQ courses (key qualification)

*Listed in our non-specialist course catalogue: www.informatik.uni-konstanz.de/en/study/program-of-study*
Master Information Engineering

Structure

- **1st – 3rd semester** (three-term in-depth coursework program)
  - Find a Mentor (academic supervisor) of your choice within the first semester
  - Development a realization of a study profile with your mentor
  - Master seminar and Master project

- **4th semester**
  - Master thesis & colloquium
# Master Information Engineering

**Best practice schedule:**

<table>
<thead>
<tr>
<th>2 year Masters’ TE 120 ECTS</th>
<th>1. semester</th>
<th>2. semester</th>
<th>3. semester</th>
<th>4. semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>Compulsory area (43 ECTS)</td>
<td>Mentor discussion 4 ECTS</td>
<td>Master seminar 9 ECTS</td>
<td>Master project 30 ECTS</td>
<td></td>
</tr>
<tr>
<td>In-depth courses (60 ECTS)</td>
<td>3-4 in-depth courses (lecture with exercise) 20-30 ECTS</td>
<td>3-4 in-depth courses (lecture with exercise) 20-30 ECTS</td>
<td>2-3 in-depth courses (lecture with exercise) 10-20 ECTS</td>
<td></td>
</tr>
<tr>
<td>Non-specialist* courses (17 ECTS)</td>
<td>1-2 non specialist courses 5-10 ECTS</td>
<td>1-2 non specialist courses 5-10 ECTS</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Master Information Engineering

Best practice schedule:

<table>
<thead>
<tr>
<th>Master/120 ECTS (election area B)</th>
<th>1. semester</th>
<th>2. semester</th>
<th>3. semester</th>
<th>4. semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>Introduction session for Master students</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Compulsory area (43 ECTS)</td>
<td>Mentor discussion (mandatory)</td>
<td>Master seminar 4 ECTS</td>
<td>Master projekt 9 ECTS</td>
<td>Master thesis + Master colloquium 30 ECTS</td>
</tr>
<tr>
<td>In-depth courses (60 ECTS)</td>
<td>3-4 in-depth courses (lecture with exercise)/20-30 ECTS</td>
<td>3-4 in-depth courses (lecture with exercise)/20-30 ECTS</td>
<td>2-3 in-depth courses (lecture with exercise)/10-20 ECTS</td>
<td></td>
</tr>
<tr>
<td>Non-specialist courses (9/17 ECTS)</td>
<td>1-2 non specialist courses/5-10 ECTS</td>
<td>1-2 non specialist courses/5-10 ECTS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Key qualifications (8/17 ECTS)</td>
<td>Intercultural competence: &quot;Handling Germany&quot;</td>
<td>Academic writing skills for Master students</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Language skills</td>
<td>Language course: German for foreign students (Level A 1.1)</td>
<td>Language course: German for foreign students (Level A 1.2)</td>
<td>Language course: German for foreign students (Level A 2.1)</td>
<td>Language course: German for foreign students (Level A 2.2)</td>
</tr>
</tbody>
</table>
Master Information Engineering

Study profiles

Help to provide focus:

➤ **Visual Computing**
➤ Human-Computer-Interaction
➤ Digital Libraries
➤ Data Mining
➤ Information Systems Engineering

Scientific specialization from the broad field of applied and practical computer science

Within the first semester students are requested to discuss a study profile with their mentor
Master Information Engineering

Study profiles

**For example: study profile: Visual Computing**

**In brief:** Information processing by means of image creation, transformation, analysis and interaction

**Profile modules:** Information visualization, visual analytics, computer graphics, visual computing on the power wall, image analysis and signal processing

**Contacts:** Prof. Keim; Prof. Reiterer; Prof. Brandes
Master Information Engineering

Study profiles

**Recommended ‘study profile’ modules:**

- A minimum of two topic related in-depth courses taken from the Department of Computer & Information Science
- Master seminar
- Master project
- Master thesis

Your research specialization (study profile) will appear on your degree certificate if you apply for a certificate addendum.
Master Information Engineering

Mentoring

The Master degree program is based on a Mentor system (academic supervision)

**Your current status**

- Each student is automatically assigned a professor at the start of the degree program!
- Find out, who is your originally assigned Mentor: syst@inf.uni-konstanz.de

**Your assignment during the 1st semester**

- Within the first semester students choose a professor from the department according to their research interests (research groups) as a Mentor/ academic supervisor
- Multiple transfer to another Mentor possible but not recommendable!
Master Information Engineering

Mentoring

The Mentor

- Will help to organize your studies according to your study profile
- Recommendation on study profile related courses
- Time management (scheduling)
- Will supervise the Master project and thesis
Master Information Engineering

Mentoring

**Mentor discussion report**

- A written report (proof) about the Mentor discussion
- Agreement on the compulsory part: Master seminar/ Master project/ Master thesis
- A copy of the Mentor discussion report needs to be submitted to the Examination office (PZ 803)
- The original is to be kept on a safe place until registration for the Master thesis at the Central Examination Office.
Master Information Engineering

Course varieties

**In-depth courses (60 ECTS)**
Advanced courses from our department
- Listed in the module directory (www.informatik.uni-konstanz.de/en/study/module-descricptions/)

**Non specialist courses (17 ECTS)**
- Courses from our non-specialist course catalogue*
- Courses from other departments

**Key qualifications (max. 8/17 ECTS)**
- Key qualifications from central institutions (writing center; SLI; IO etc.)

*Listed in our non-specialist course catalogue: www.informatik.uni-konstanz.de/en/study/program-of-study
Master Information Engineering

Course registration

All in-depth courses must be registered within the first four weeks of the semester via LSF log-in

Registration period: 06.10.2014 - 16.11.2014

Mind the fact:

- Registration periods can differ from department to department!
- Courses from other department can differ in rules and regulations
- Contact the lecturer/Examination office in charge to ask for the registration process
Master Information Engineering

Exam registration

All exams must be registered via StudIS

Registration period lectures: 1\textsuperscript{st} term: 01.12.2014 - 31.01.2015
Registration period lectures: 2\textsuperscript{nd} term: 01.03.2015 - 23.03.2015
Registration period seminar: 20.10.2014 - 17.11.2014
Registration period projects: always

Mind the fact:

- TAN list is required to register online for exams via StudIS
- For more information: http://cms.uni-konstanz.de/en/studis/tan/
Master Information Engineering

Exam registration

In exceptional cases: offline (de)registration possible at the Examination Office PZ 803

- (De)registration form
- Submit (de)registration form to Mrs. Bauer-Soto
Master Information Engineering

Examination regulation

Examination regulation

- [http://www.informatik.uni-konstanz.de/en/study/current-students/examination-information/examination-regulations/](http://www.informatik.uni-konstanz.de/en/study/current-students/examination-information/examination-regulations/)

Forms

- (De)registration forms
- Mentor discussion sheet
- [http://www.informatik.uni-konstanz.de/en/study/current-students/forms/](http://www.informatik.uni-konstanz.de/en/study/current-students/forms/)
Master Information Engineering

Exam forms and regulations

In preparation for exams:
- Contact the student council to ask for previous versions of exam sheets and exercise

If you have failed an exam/ term paper:
- Make an appointment with your examiner
- Ask for a detailed post-exam review
- Evaluate and discuss the reasons for failure with your examiner
Additional courses offered from the Department of Computer Science: winter term 2014

“Handling Germany” – intercultural competence
- 29/10/2014 (Wednesday 03:15-04.45pm; D432)
- International Master students
- SQ ECTS

Academic Writing skills for Master students IE
- 24/20/2014 (Friday, D247)
- Master students IE
- SQ ECTS

“Brush up Java” – programming course
- Blocked seminar
- Detailed information will follow
Upcoming dates to remember

**Tuesday:**
- Guided tour of the student council in the Department of Computer & Information Science; meeting point: 9:30am Campus Café
- Scavenger hunt for first-year students, meeting point: Kaiserbrunnen Marktstätte

**Wednesday:**
- Ringvorlesungen (lecture series), 10am - 4pm, A703

**Thursday:**
- Ringvorlesungen (lecture series), 11am - 4pm, A703

**Friday:**
- Ringvorlesungen (lecture series), 10am - 3pm, A703
StudIS: http://cms.uni-konstanz.de/en/studis/
course registration; student’s account

Student-Information-System (StudIS) / study courses (LSF) / e-learning portal (ILIAS)

Under the name Student-Information-System (StudIS) the Student Affairs Division of the Konstanz University offers several web-based services around the administration for examinations (StudIS/Examinations) and for studying (StudIS/Studying).

ILIAS is the e-learning platform of the University of Konstanz. Electronic learning material from all departments and other institutions of the university is provided on this platform. While access to some courses is available to everyone, for all other courses you have to login with your university account.

LSF: directly to the login
LSF: direct access to various semesters
LSF: help for allocation of courses
LSF: FAQ
LSF: statement for data privacy

ILIAS: directly to the login
ILIAS: help and support (in German)
# Course Overview (SS 2014)

<table>
<thead>
<tr>
<th>Lect.-No.</th>
<th>Lecture</th>
<th>Type</th>
<th>Activity</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>Handling Germany</strong> – Catch on to what Germans say, mean and think!</td>
<td>course</td>
<td>apply / cancel application</td>
</tr>
<tr>
<td></td>
<td>Information session on the Master program IE for advanced students</td>
<td>Introduction</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Master Programming Course</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Welcome and Introduction for New Master Students</td>
<td>course</td>
<td>apply / cancel application</td>
</tr>
</tbody>
</table>

- **4110 Projects**
- **4120 Seminars**
- **5100 Lectures**
- **8100 Non-specialist Courses**
- **Colloquia**
ILIAS: ilias.uni-konstanz.de

E-learning platform ILIAS
Department

Master student advisor/
Diversity Management

**Maria Hesse (M.A.)**
University of Konstanz
Department of Informatics & Information Science
Room: PZ 803
Tel.: 07531 88-2078
E-Mail: Maria.Hesse@uni-konstanz.de
Department

Department administrator/
Advisor of studies

**Dr. Martin Brunner**
University of Konstanz
Department of Informatics & Information Science
Room: PZ 802
Tel.: 07531 88-4437
E-Mail: Martin.Brunner@uni-konstanz.de
Department

Dean of studies

**Prof. Dr. Oliver Deussen**

University of Konstanz

Department of Informatics & Information Science

Room: Z 708

E-Mail: Oliver.Deussen@uni-konstanz.de
Department

Examination Office

Mrs. Bauer-Soto

University of Konstanz

Department of Informatics & Information Science

Room: PZ 803

Tel.: 07531 88-2878

E-Mail: Renate.Bauer-Soto-Informatik@uni-konstanz.de
Department

Student Council
University of Konstanz
Department of Informatics & Information Science
Room: PZ 809
Contact
➢ http://www.informatik.uni-konstanz.de/en/department/the-student-council/
## Consulting and services

(http://www.studium.uni-konstanz.de/en/consulting-and-services/)

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<th><strong>Central service offers</strong></th>
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<tr>
<td>Central Advisory Service (ZSB)</td>
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<td>- Career Service</td>
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<td>- Mentoring Programme</td>
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<td>Central Office of Examinations (ZPA)</td>
<td>C4</td>
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<tr>
<td>Center for Teacher Education (ZLB)</td>
<td>D4</td>
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<th><strong>Offers to support competences</strong></th>
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<td>Language Institute (SLI)</td>
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<td>Course catalogue (lectures)</td>
<td>Writing Centre</td>
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<td>Portal for e-learning ILIAS</td>
<td>Competence Centre for Key Skills (SQ)</td>
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<td>Online admission (studying)</td>
<td>Revision course offers</td>
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<td>BewIS for applicants</td>
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<tr>
<td>Portal for freshers</td>
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<th><strong>Student representatives</strong></th>
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<td>Departmental student advisory service</td>
<td>ASTA (General Student Committee)</td>
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<td>Departments</td>
<td>Student councils</td>
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<td>University group</td>
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<th><strong>Offers of the association for student services</strong></th>
<th><strong>Consulting in different life situations</strong></th>
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<tr>
<td>Seezeit Service Center</td>
<td>A5</td>
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<tr>
<td>Psychotherapeutic Counselling Service</td>
<td>K3</td>
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<tr>
<td>Social Advice</td>
<td>K4</td>
</tr>
<tr>
<td>Commissioner for students with permanent disability</td>
<td>K4</td>
</tr>
<tr>
<td>Seezeit Association for Student Services</td>
<td>level K (BAföG, Housing, Eating, Loans from the KfW, International Student ID Card - ISIC)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Other more</strong></th>
<th><strong>Service offers for doctoral/PhD students and postdocs</strong></th>
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<tr>
<td>Campus life</td>
<td>Doctoral/PhD students portal</td>
</tr>
<tr>
<td>Alumni portal</td>
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<tr>
<td>Bologna-Adviser of the HRK</td>
<td>V6</td>
</tr>
<tr>
<td>Map of important facilities at the University [pdf]</td>
<td>Academic Staff Development (ASD)</td>
</tr>
<tr>
<td>Map to offers for families [pdf]</td>
<td></td>
</tr>
</tbody>
</table>
Consulting and services

International Office

Contacts
- http://www.international.uni-konstanz.de/en/international-students/contacts/

Studying in Konstanz
- http://www.international.uni-konstanz.de/en/international-students/studying-in-konstanz/

International student support
- http://www.international.uni-konstanz.de/en/international-students/international-student-support/

Semester program winter term 2014
- http://www.international.uni-konstanz.de/en/international-students/international-student-support/study-international-semester-program/
Consulting and services

SSZ (student service center)

General Information

- Located on level B4
- First contact point for domestic, foreign and prospective students.
- Assists you with all the formalities related to your studies.
- For example advice and information about courses of study, Student-ID-cards and matriculation certificates...
- You can register for specific lectures or events, arrange consultation appointments, learn about the possibilities of a stay abroad and submit your applications concerning your student status.

For international students

- SSZ offers information and assistance with Visa issues (extension), insurances, finding accommodation etc.
Consulting and services

IT service center

General Information

- Administrates the university's IT infrastructure
- Provides students and university staff members with access to email, Internet etc.
- Offers a wide range of IT-related services.
- On the web pages you can find information about different offers: http://www.rz.uni-konstanz.de/index.php?id=rz&L=1

Are you new @ Uni?!

- http://www.rz.uni-konstanz.de/en/it-service-centre/are-you-new-uni/
Consulting and services

Library University of Konstanz

Library tours

- 1st Wednesday of every month at 5:15pm; meet at the University main entrance on A5 (near the bus stop)
- http://www.international.uni-konstanz.de/en/international-students/contacts/

Subject information: Computer Science

- Contact: Angela Barth-Küpper (B 901)
  Email: Angela.Barth-Kuepper(at)uni-konstanz.de
Consulting and services

Sport Center

Opening hours

- Morning office   G206 (Mo - Fr: 09 - 11:30 am)
- Afternoon office  G206 (by appointment only)
- Gymnasium- HSP-Infopoint  (Mo - Fr: 04 - 09 pm)

Winter term program 2014

- http://sportbuchung.hsp.uni-konstanz.de/angebote/aktueller_zeitraum/index.html

Sport ticket

- http://sportbuchung.hsp.uni-konstanz.de/angebote/aktueller_zeitraum/_00_SPORTTICKET.html
Master Information Engineering

First steps into your semester...

1. Get an overview of courses and seminars of this term (LSF)
2. Plan for your workload of 20-30 ECTS
3. Read the examination regulations with regards to your particular degree course
4. Find a field of specialization (study profile)
5. Towards the end of this semester: *talk to your Mentor!*
6. If you have any questions: contact the student advisors
We wish you all the very best for the new semester!