Information Event for
the Final Part of
Studies

M.Sc. Computer and Information Science
M.Sc. Computer and Information Science

Katrin Winkler
Master’s programme coordinator
mastercis.inf@uni-konstanz.de
Topics

- Advanced study period M.SC. CIS, PO 2015 (1- and 2-year option)/ PO 2020
- Specialisations
- Mentoring programme
- Examination matters
- Internship and study abroad
- Final part of studies
- Study periods and exmatriculation formalities
- Further information
- Questions
The Master’s programme

M.Sc. CIS, PO 2015
Two-year / one-year programme version
### Areas, modules and ECTS credits

#### 1-year option

<table>
<thead>
<tr>
<th>Area</th>
<th>Modules</th>
<th>ECTS</th>
<th>Sem.</th>
</tr>
</thead>
<tbody>
<tr>
<td>core area of studies</td>
<td>advanced modules</td>
<td>17-18</td>
<td>1</td>
</tr>
<tr>
<td>final part of studies</td>
<td>MA seminar</td>
<td>3-4</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>MA project</td>
<td>9</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>MA thesis + colloquium</td>
<td>30</td>
<td>2</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td><strong>60</strong></td>
<td></td>
</tr>
</tbody>
</table>

**Recommended ECTS:**

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

**Final part of studies:** Total 42-43 ECTS
## Areas, modules and ECTS credits

### 2-year option

<table>
<thead>
<tr>
<th>Area</th>
<th>Modules</th>
<th>ECTS</th>
<th>Sem.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>core area of studies</strong></td>
<td>advanced modules</td>
<td>60-78</td>
<td>1-3</td>
</tr>
<tr>
<td><strong>Supplementary area of studies</strong></td>
<td>Courses offered by other departments, SQ, SLI</td>
<td>0-17</td>
<td>1-3</td>
</tr>
<tr>
<td><strong>final part of studies</strong></td>
<td>MA seminar</td>
<td>3-4</td>
<td>2-3</td>
</tr>
<tr>
<td></td>
<td>MA project</td>
<td>9</td>
<td>2-3</td>
</tr>
<tr>
<td></td>
<td>MA thesis + colloquium</td>
<td>30</td>
<td>4</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td><strong>120</strong></td>
<td></td>
</tr>
</tbody>
</table>

**Final part of studies:** Total 42-43 ECTS

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**Recommended ECTS:**

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

M.Sc. CIS, PO 2015
Two-year / one-year programme version
Master’s programme (M.Sc.CIS PO 2015)

Master Homepage

Department of Computer and Information Science
Master of Science

<table>
<thead>
<tr>
<th>Department</th>
<th>Research</th>
<th>Study</th>
<th>Service and support</th>
<th>International</th>
</tr>
</thead>
</table>

Prospective students and application
Admission procedure
New students
Modules
Specializations
Mentoring programme
Exams

Master of Science in Computer and Information Science

A study programme taught entirely in English
Master’s programme: specialisations

Specialisations

- Algorithmics
- Data Science
- Interactive Systems
- Software Systems Engineering
- Visual Computing
- Exhibition Media Design (German)
- Individual focus

Shape your academic profile and become a specialist

Choose your area of specialisation from the broad field of applied and practical computer science

www.informatik.uni-konstanz.de/study/master-of-science/specializations/
Master’s programme: specialisations

Specialisations (M.Sc. CIS PO 2015)

Requirements for a master’s specialisation

- A specialisation is given when: MA seminar + MA project + MA thesis and at least two advanced modules are related to one specific field.

<table>
<thead>
<tr>
<th>Requirements for a specialisation</th>
</tr>
</thead>
<tbody>
<tr>
<td>core area of studies (INF)</td>
</tr>
<tr>
<td>final part of study (INF)</td>
</tr>
</tbody>
</table>

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

www.informatik.uni-konstanz.de/study/master-of-science/specializations/
Master’s programme: specialisations

Specialisations (M.Sc. CIS PO 2015)

- You can find a detailed module overview for each predefined specialisation on the website
- You need to complete at least two modules in one specific field but you may choose preferably from the advanced modules

Module overview

- Basic modules
- Additional basic modules
- Advanced modules (purely master's level)
- Courses from other departments and key qualifications
The Master’s programme

Master’s programme: two-year programme (M.Sc.CIS PO 2020)
**Master’s programme: two-year programme (M.Sc. CIS PO 2020)**

### Area of Advanced modules

<table>
<thead>
<tr>
<th>Compulsory (36 ECTS)</th>
<th>Elective (30 ECTS)</th>
</tr>
</thead>
<tbody>
<tr>
<td>master seminar</td>
<td>different ”master” advanced modules</td>
</tr>
<tr>
<td>(3 ECTS)</td>
<td>(6 or 9 ECTS)</td>
</tr>
<tr>
<td>master project</td>
<td>different ”master” advanced modules</td>
</tr>
<tr>
<td>(9 ECTS)</td>
<td>(6 or 9 ECTS)</td>
</tr>
<tr>
<td><strong>Total: 12 ECTS</strong></td>
<td><strong>Total: 24 ECTS</strong></td>
</tr>
<tr>
<td></td>
<td><strong>Total: 30 ECTS</strong></td>
</tr>
</tbody>
</table>

**Final part of studies: Master thesis and colloquium -> 30 ECTS**
Master’s programme: specialisations

Specialisations

- Algorithmics
- Data Science
- Interactive Systems
- Software Systems Engineering

- Visual Computing
- Exhibition Media Design (German)
- Individual focus

Shape your academic profile and become a specialist

Choose your area of specialisation from the broad field of applied and practical computer science

www.informatik.uni-konstanz.de/study/master-of-science/specializations/
Specialisations (M.Sc. CIS PO 2020)

Requirements for a master’s specialisation

- Students need to complete at least three advanced modules (i.e., purely master's level) as well as the MA seminar + MA project + MA thesis in one specific field to have the specialisation included in the degree certificate.

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

## Requirements

<table>
<thead>
<tr>
<th>advanced module area (INF)</th>
<th>3 advanced modules (master level)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>MA seminar + MA project</td>
</tr>
<tr>
<td>final part of study (INF)</td>
<td>MA thesis + colloquium</td>
</tr>
</tbody>
</table>

www.informatik.uni-konstanz.de/study/master-of-science/specializations/
Master’s programme: specialisations

Specialisations (M.Sc. CIS PO 2020)

Requirements for a master’s specialisation

- Recommended modules for each predefined specialisation are listed on the website and being held updated.
- The fields of specialisation including the assigned modules are reflected in the ZEuS structure.
- Shaping your own master’s specialisation by choosing an individual focus is also possible
- The mentor talk with your academic supervisor at the end of the second semester serves as an additional orientation to finalize your specialisation (project/thesis)
## Master’s programme: specialisations

### Example study plan including criteria for a specialisation (M.Sc. CIS PO 2020)

<table>
<thead>
<tr>
<th>Sem</th>
<th>Basic module area (24-54 ECTS)</th>
<th>Advanced module area (24-54 ECTS + 12 ECTS)</th>
<th>Final part of study</th>
<th>Supplementary area (0-18 ECTS)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Orientation meeting Basic module 1 6 ECTS Basic module 2 6 ECTS Basic module 3 6 ECTS Advanced module 1 9 ECTS</td>
<td></td>
<td>Language course 3 ECTS</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Mentor meeting Basic module 4 6 ECTS Basic module 5 6 ECTS Advanced module 2 6 ECTS Master's seminar 3 ECTS</td>
<td>Scientific practices 3 ECTS</td>
<td>Non-subject course 6 ECTS</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Project registration; Thesis registration Basic module 6 6 ECTS Advanced module 3 9 ECTS Master's project 9 ECTS</td>
<td></td>
<td>Non-subject course 6 ECTS</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Colloquium registration</td>
<td></td>
<td></td>
<td>Master's thesis 30 ECTS</td>
</tr>
</tbody>
</table>

Required modules for a **specialization** mentioned on the degree certificate
**Mentoring programme**

**Mentor**
- Master students are being mentored by a university lecturer/professor during the Master's programme
- You may choose ideally your mentor according to your specialisation
- You can find a list of recommended mentors for each specialisation on the website
- A mentor helps to profile your studies, supervises the master’s project and thesis
- Changing a mentor is possible but can impact the profiling of your studies and should be thought through

**Overview of the research groups**

https://www.informatik.uni-konstanz.de/en/department/staff/professors/

**Further lecturers and junior research groups**

https://www.informatik.uni-konstanz.de/en/department/staff/lecturers-and-junior-research-groups/
## Mentor talk (M.Sc. CIS PO 2015)

### Mentoring activities and tasks

<table>
<thead>
<tr>
<th>Sem.</th>
<th>Mentoring activities</th>
<th>Task</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td><strong>obligatory</strong> mentor meeting for a mutual agreement on taking over supervision for specialisation and discussing modules</td>
<td>submit <strong>signed form</strong> to Dep. Exam. Office (Eva Dutt &amp; Mihaela Elsner: <a href="mailto:mastercis.inf@uni-konstanz.de">mastercis.inf@uni-konstanz.de</a>)</td>
</tr>
<tr>
<td>2</td>
<td>evtl. change of mentor within one area of specialisation</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>mentor meeting to discuss the master’s project</td>
<td>submit project registration form + signed milestone plan to Dep. Exam. Office (Eva Dutt &amp; Mihaela Elsner)</td>
</tr>
<tr>
<td>4</td>
<td>mentor meeting to discuss the master’s thesis (structure, time table etc.) and to schedule date for a colloquium</td>
<td>follow the registration instructions for thesis, colloquium of the ZPA and department</td>
</tr>
</tbody>
</table>

**Mentor talk (M.Sc. CIS PO 2020):**

- When registering for the master's project all students have a second compulsory talk – the mentor talk.
- This talk serves advanced students to plan and discuss in detail the second part of their studies (master project, master thesis)
- The mentor talk is a prerequisite for the registration of the master thesis.

<table>
<thead>
<tr>
<th>Orientation talk (1. Sem.)</th>
<th>Mentor talk (2. Sem.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Study advisor</td>
<td>Mentor</td>
</tr>
<tr>
<td>Master students <strong>with</strong> B.Sc. degree Computer Science from Konstanz</td>
<td>voluntary</td>
</tr>
<tr>
<td>Master students <strong>without</strong> B.Sc. degree Computer Science from Konstanz</td>
<td>compulsory</td>
</tr>
</tbody>
</table>

Study formalities

Forms, study information, blank forms etc.

- All necessary forms (orientation talk form, medical certificate, registration form for the master’s thesis etc.), which you will need during your studies, can be downloaded from this website.

All forms can be found on the website for download:

www.informatik.uni-konstanz.de/en/service-and-support/links-and-downloads/
Examination matters
Deadlines

Course registration

In ZEuS by two weeks after the start of lectures at the latest. Please note the information in ZEuS or in the first session of the course and register in Ilias if necessary.

Exam registration

Compulsory registration for all examinations and coursework in ZEuS for which you wish to obtain ECTS credits:

- Seminars and lectures 1st date: see on website
- Lectures 2nd date: see on website
- Compact courses Please note registration deadlines in ZEuS

- Attention: Registration deadlines and rules differ between subject areas!
- Withdrawal from examinations only with the official attestation form of the university or application to the examination board
Withdrawal from examinations

- Withdrawal from examinations only with the official certificate form of the university or application to the examination board.

- In the event of prolonged illness during the semester or during the examination period, an academic leave of absence may be taken which is not counted towards the standard period of study. Application for a semester of leave at the SSZ:
  https://www.uni-konstanz.de/en/study/while-you-study/formalities/taking-leave-of-absence/
Final part of studies

- Seminar
- Project
- Thesis
- Colloquium
NEW since summer semester 2021: Fixed registration deadlines for final projects and theses

<table>
<thead>
<tr>
<th>Project</th>
<th>Registration</th>
<th>Due</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>15.10. – 15.11.</td>
<td>15.01.</td>
</tr>
<tr>
<td></td>
<td>15.01. – 15.02.</td>
<td>15.04.</td>
</tr>
<tr>
<td></td>
<td>01.04. – 01.05.</td>
<td>30.06.</td>
</tr>
<tr>
<td></td>
<td>01.07. – 01.08.</td>
<td>30.09.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Master’s thesis</th>
<th>Registration</th>
<th>Start</th>
<th>Due*</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>01.02. – 15.02.</td>
<td>01.03.</td>
<td>01.09.</td>
</tr>
<tr>
<td></td>
<td>01.05. – 15.05.</td>
<td>01.06.</td>
<td>01.12.</td>
</tr>
<tr>
<td></td>
<td>15.07. – 01.08.</td>
<td>15.08.</td>
<td>01.03.</td>
</tr>
<tr>
<td></td>
<td>15.10. – 02.11.</td>
<td>15.11.</td>
<td>01.06.</td>
</tr>
</tbody>
</table>

* approximately; the exact due date is determined by the Central Examination Office (ZPA)
Exemplary schedule for the final part of studies

For students having started in a winter semester:

<table>
<thead>
<tr>
<th>Sem.</th>
<th>1. Possibility: Project in lecture-free period (recommended)</th>
<th>2. Possibility: Project during semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>Attending a seminar</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Poss. attending project proposal talks</td>
<td>until 15.06.</td>
</tr>
<tr>
<td>2/3</td>
<td>Mentor meeting</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Project registration</td>
<td>until 15.07.</td>
</tr>
<tr>
<td></td>
<td>Project due</td>
<td>15.07. – 01.08.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>30.09.</td>
</tr>
<tr>
<td>3</td>
<td>Master’s thesis registration</td>
<td>01.02. – 15.02.</td>
</tr>
<tr>
<td></td>
<td>Start of master’s thesis</td>
<td>01.03.</td>
</tr>
<tr>
<td>4</td>
<td>Master’s thesis due</td>
<td>01.09.</td>
</tr>
<tr>
<td></td>
<td>Master’s colloquium</td>
<td>until 30.09.</td>
</tr>
</tbody>
</table>
# Exemplary schedule for the final part of studies

For students having started in a summer semester:

<table>
<thead>
<tr>
<th>Sem.</th>
<th>1. Possibility: Project in lecture-free period (recommended)</th>
<th>2. Possibility: Project during semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>Attending a seminar</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Poss. attending project proposal talks</td>
<td>until 15.12.</td>
</tr>
<tr>
<td></td>
<td>Mentor meeting</td>
<td>01.11. – 15.12.</td>
</tr>
<tr>
<td>2/3</td>
<td>Project registration</td>
<td>15.01. – 15.02.</td>
</tr>
<tr>
<td>3</td>
<td>Project due</td>
<td>15.04.</td>
</tr>
<tr>
<td></td>
<td>Master’s thesis registration</td>
<td>15.07. – 01.08.</td>
</tr>
<tr>
<td></td>
<td>Start of master’s thesis</td>
<td>15.08.</td>
</tr>
<tr>
<td>4</td>
<td>Master’s thesis due</td>
<td>01.03.</td>
</tr>
<tr>
<td></td>
<td>Master’s colloquium</td>
<td>until 31.03.</td>
</tr>
</tbody>
</table>
Registration of theses and colloquia

Contact Central Examinations Office
Katharina Arendt
katharina.arendt@uni-konstanz.de

Pre-requisites for admission:

<table>
<thead>
<tr>
<th>MA thesis</th>
<th>All necessary documents can be found on our website: <a href="https://www.informatik.uni-konstanz.de/en/service-and-support/links-and-downloads/">https://www.informatik.uni-konstanz.de/en/service-and-support/links-and-downloads/</a></th>
</tr>
</thead>
<tbody>
<tr>
<td>• The master's project has successfully been completed</td>
<td></td>
</tr>
<tr>
<td>• Completed mentor talk</td>
<td></td>
</tr>
<tr>
<td>• -&gt;PO 2015: seminar no longer a prerequisite for registering for the Master's thesis</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MA colloquium</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>• MA thesis must be submitted</td>
<td></td>
</tr>
<tr>
<td>• All required examination and study achievements must have been passed</td>
<td></td>
</tr>
</tbody>
</table>
Extension options, title changes, thesis submission,

You can find this and more information on our new website for the final period:

https://www.informatik.uni-konstanz.de/beratung-und-service/pruefungsangelegenheiten/projekt-abschlussarbeit-und-kolloquium/msc-computer-and-information-science/
Final thesis "at a company"

- Theses are always written at the university and not "at a company".

- The topic and examiner are assigned by the examination board (StPA) in accordance with the examination regulations.

- Theses in cooperation with companies tend to be the exception at the university, but are not fundamentally excluded.

- It is very important to make good arrangements with the examiners and the company. Who has what expectations? Are the expectations compatible?
Study periods and exmatriculation formalities
Maximum duration of studies

Maximum duration of study = standard period of study + 3 semesters

Master CIS (PO 2015, 1-year option):
Maximum duration of studies = 2 semesters + 3 semesters = 5 semesters

Master CIS (PO 2015, 2-year option / PO 2020):
Maximum duration of studies = 4 semesters + 3 semesters = 7 semesters
Exceeding the maximum duration of studies

• Formal notice from the SSZ (Student Service Centre)

• Extension possible for "reasons beyond the student's control".

• Contact the study advisor (Katrin Winkler) and discuss the timetable for successful completion of studies

• Have the mentor/supervisor of the project or thesis sign the timetable.

• Apply to the Examination Board (StPA) for an extension of the maximum duration of studies.
After graduation

Exmatriculation

You can exmatriculate after taking your last examination (colloquium).

You will be exmatriculated by law at the end of the semester in which you passed your last examination.

Example:
B) Entry of grades for thesis and colloquium on 01.10.2022 -> Exmatriculation on 31.03.2023

Further information: https://www.uni-konstanz.de/en/study/while-you-study/formalities/exmatriculation/
Departmental alumnae/i activities

- Departmental Newsletter (twice per year)
- Further offers for alumni:

  Registration as alumni of the University of Konstanz

  Membership in VEUK e.V (University Alumni Association)
Departmental study advisory service

Katrin Winkler
Master’s programme coordination

mastercis.inf@uni-konstanz.de

Consulting hours:
Wed: 13-14.30 am in PZ 804 (open consultation hour) and Thurs: 12-13.30 am only digitally (via ILIAS)

https://ilias.uni-konstanz.de/goto_ILIASKONSTANZ_crs_995071.html
Departmental study advisory service

Study advisory service in times of Corona

Ilias forum: Fachstudienberatung Informatik / Student Advisory Service Computer Science

Herzlich willkommen bei der Fachstudienberatung des Fachbereichs Informatik und Informationswissenschaft / A Warm Welcome to the Student Advisory Service of the Department Computer and Information Science

Für allgemeine Fragen nutzen Sie bitte die vorhandenen Foren. Sie haben auch die Möglichkeit die Fragen unter einem Pseudonym zu stellen. Bei individuellen Anliegen und persönlichen Fragen können Sie gerne über den Ilias Kalender einen Termin in der Sprechstunde vereinbaren.

For general questions please use the available forums. You also have the possibility to ask the questions under a pseudonym. For individual concerns and personal questions you can use the Ilias calendar to make an appointment in the office hours.

https://ilias.uni-konstanz.de/ilias/goto_ilias_uni_crs_995071.html
Departmental study advisory service

Study advisory service in times of Corona

**E-Mail:** Due to the current limitations and restrictions, it may be that we cannot always reply to e-mails in time. We ask for your understanding.

- Contact information:
  - name, surname
  - student ID nr.
  - Reply always to the e-mail history, do not start a new e-mail for the same topic
  - always use your UKN E-Mail address for any official correspondence

- Please feel free make primarily use of the Ilias forum or the virtual consultation hours to discuss your issues.

https://ilias.uni-konstanz.de/ilias/goto_ilias_uni_crs_995071.html

Contact study advisor:
maria.hesse@uni-konstanz.de
Further contact persons at the department

**Department**

Dr. Martin Brunner  
Departmental advisor and study advisor BA and BA Ed/MA Ed., contact person Examination Board (StPA)

bachelor.inf@uni-konstanz.de  
Resp.  
stpa.inf@uni-konstanz.de

Eva Dutt & Mihaela Elsner  
Examination Office

mastercis.inf@uni-konstanz.de  
Room: PZ 807

**Department**

Maria Hesse  
Erasmus Coordinator

erasmus.inf@uni-Konstanz.de  
Room: PZ 805

**International Office**

Alexandra Frasch  
International degree-seeking students

degree.students@uni-konstanz.de  
Room: A623
Internship and study abroad

M.Sc. CIS, PO 2015
Two-year / one-year programme version

M.Sc. CIS, PO 2020
Going abroad and career orientation

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

- Benefit of a study exchange period:
  - Complement or extend your academic profile and master’s specialisation by adding courses from your study exchange (individual focus)

- Each winter semester: information event on “Going abroad information for Computer Science students”

Contact study exchange:
erasmus.inf@uni-konstanz.de
Exchange programmes at the University of Konstanz

Europe
- Erasmus+ Partnerships
- Direct connections

Non-European Countries
- Global Programmes USA, CAN, AUS (…)
- Erasmus+ ICM Israel, Ukraine
Internship information

Department of Computer and Information Science  ➔ International  ➔ Studies and internships

Outward mobility

Inward mobility

GOING ABROAD OR COMING TO KONSTANZ?

Outward mobility

Inward mobility

Study exchange in Europe
Global exchange
More exchange options
Internships abroad

https://www.informatik.uni-konstanz.de/en/international/studies-and-internships/
Further information on internships abroad

Complete your (optional or compulsory) internship abroad!

“Practical experience” is key for students and graduates who are job-hunting. If you have gained the required experience during an internship abroad, you could enjoy a competitive advantage. Why not take the opportunity and complete an internship abroad?

https://www.uni-konstanz.de/en/international-office/study-abroad/internships-abroad/
Visa requirements

Visa extension regulation: standard study periods + 3 semesters (incl. leaves for internships)
Career planning and preparation events
Application training, lectures and workshops

Individual career counselling
Professional orientation, application strategy, job interviews (mock interviews)

Application document check

Internship and job database
including working student positions and student assistant jobs

Contacting employers
Presentations, career fairs, company presentations

Information
Newsletter, Infothek, Homepage, Studium Professionale

www.career-service.uni-konstanz.de
We wish you all the best for your master’s studies