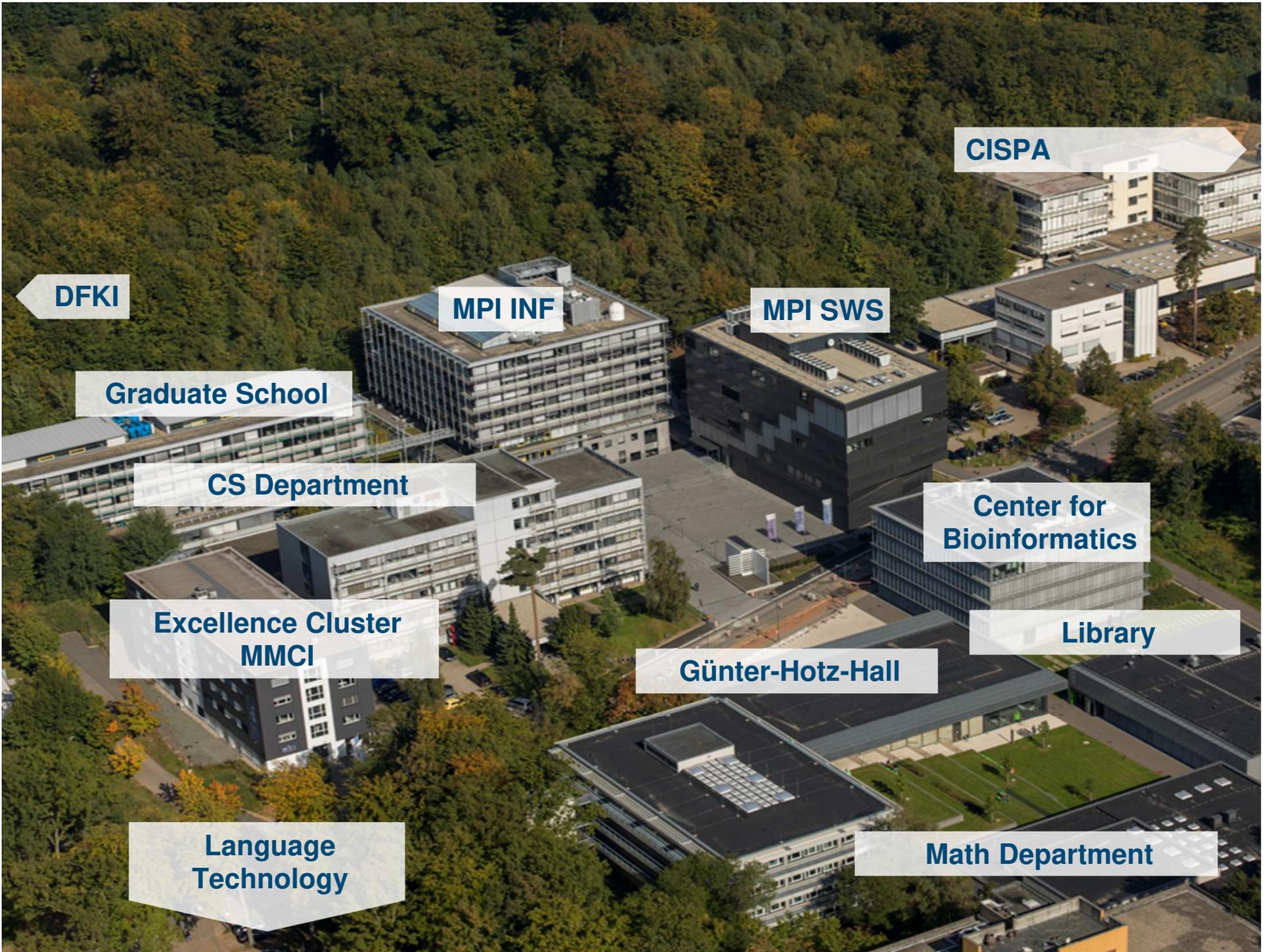


08.10.2020

Welcome to Saarland Informatics Campus for Master Students in Computer Science

Prof. Jan Reineke, Dean of Studies





CISPA

DFKI

MPI INF

MPI SWS

Graduate School

CS Department

Center for Bioinformatics

Excellence Cluster MMCI

Library

Günter-Hotz-Hall

Language Technology

Math Department

Research

- 6 informatics institutes and 3 collaborating departments on campus
- Around 2,000 students from more than 70 countries
- 70 research groups, 300 doctoral candidates
- ~ 850 scientists at SIC
- 18 informatics study programs
- 22 ERC Grants, 7 Leibniz Awards
- 4 Konrad Zuse Medals
- Ranked among the top 4 German CS departments (CHE-Ranking 2018)

More about us:

<https://saarland-informatics-campus.de/en/ueberuns-aboutus/>

SIC and the Industry

- Numerous cooperations with local industry (36)
 - z.B. *Dillinger, Saarstahl, ZF, Hydac, SAP*
- and **international** companies (82) like
 - *Google, Microsoft, Facebook, Intel, Samsung, IBM, EADS, Microsoft, Bosch, Airbus, Siemens, etc.*
- Since 2006 more than **70 start ups**
- **1 Euro** Budget → ~ **2,5 Euro** acquired 3rd party funds

Master students CS

- In total: 456 bachelor students and
424 master students in Computer Science
- Students from around 70 different countries in the CS department
- 48 professors and co-opted professors
as well as 31 junior research groups

*You have to know your rights and duties as
student!*

Study Regulations 2015 for Master of Computer Science

Read your study documents carefully !

examination regulations, subject-specific regulations and study regulations:

<https://www.ps-mint.uni-saarland.de/index.php?id=195&L=3>

Winter term 2020/21 - during the Coronavirus pandemia

- **Same set of courses** will be offered as during a regular winter term but courses will be offered using **online formats**
- **Information** about online courses and online tutorials is provided on the webpages of the lecturers
- Further Information:

<https://www.uni-saarland.de/en/page/coronavirus/faq-students.html>

<https://saarland-informatics-campus.de/en/wintersemester2021/>

Study Regulations 2015 for Master of Computer Science

- 1) **27 graded** credits in the category of **core lectures** in computer science
- 2) **27–31 graded** credits in the categories of **core lectures, advanced lectures, or seminar** in computer science (here: at most 1 seminar!)
- 3) **7 graded** credits in the category of **seminars** in computer science
- 4) At least **17 ungraded credits** must be acquired by:
 - Further courses in computer science
 - Master practical training in research groups at CS department
 - Internship in a company (max. 6 CP); approved by the examination board
 - Leading a tutorial (tutor)
 - Language courses (max. 6 CP, living language)
 - Courses from other departments, which have been applied for and approved by the examination board (e.g. in mathematics, business informatics or computer linguistics)
- 5) **12 graded** credits for the **Master seminar** and **30 CP** for the **Master thesis**

Example Course List

All our core courses (offered at least every two years)

Algorithms and Data Structures **Data Networks**
Artificial Intelligence **Operating Systems** **Semantics**
Automated Reasoning **Distributed Systems**
Compiler Construction **Complexity Theory** **Optimization**
Computer Algebra **Computer Architecture** **Machine Learning**
Computer Graphics **Embedded Systems** **Cryptography**
Information Retrieval and Data Mining **Data Base Systems**
Software Engineering **Telecommunications**
Image Processing and Computer Vision **Verification**
Human Computer Interaction **Geometric Modelling**
Computational Logic **Security**

How to choose a lecture – example: core lecture

Course catalogue (LSF)

Faculty Mathematics and Computer Science → Courses on Computer Science

[https://www.lsf.uni-](https://www.lsf.uni-saarland.de/qisserver/rds?state=wtree&search=1&trex=step&root120201=253136|251379|252597|255390&P.vx=kurz)

[saarland.de/qisserver/rds?state=wtree&search=1&trex=step&root120201=253136|251379|252597|255390&P.vx=kurz](https://www.lsf.uni-saarland.de/qisserver/rds?state=wtree&search=1&trex=step&root120201=253136|251379|252597|255390&P.vx=kurz)



Student's Corner **Courses** Orgunits Facilities Members

You are here: [Home](#) ▶ [Courses](#) ▶ [Course Overview](#)

Course Overview

[Search for Lectures](#)

[Lectures today](#)

[Lectures cancelled today](#)

[Search for Lectures](#)

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Course Overview (WiSe 2020/21)

- i** Vorlesungsverzeichnis
 - **i** Mathematics and Computer Science
 - **i** Computer Science
 - **i** Courses on Computer Science
 - **i** Master, StO 2015
 - **i** Introductory Courses
 - **i** **Core Lectures**
 - **i** Advanced Lectures
 - **i** Seminars
 - **i** Elective courses (Freely chosen points)

(Basic Lectures and Introductory

Seminars can only be taken by bachelor students)

How to choose a lecture – example: Computer Graphics

Course list (Core lectures)

Course Overview (WiSe 2020/21)

- **i** Vorlesungsverzeichnis
 - ➔ **i** Mathematics and Computer Science
 - ➔ **i** Computer Science
 - ➔ **i** Courses on Computer Science
 - ➔ **i** Master, StO 2015
 - ➔ **i** Core Lectures

Online lectures
and tutorials

<u>Lect.-No.</u>	<u>Lecture</u>
126605	<u>Computer-Algebra: Groebner Basen und Anwendungen</u> - Schreyer , Mitarbeiter des Lehrstuhls
126728	<u>Database Systems</u> - Dittrich
126730	<u>Automated Reasoning</u> - Weidenbach
126731	<u>Security</u> - Pellegrino , Tippenhauer
126732	<u>Digital Transmission, Signal Processing (Telecommunications I)</u> - Herfet
126733	<u>Computer Graphics</u> - Slusallek
126734	<u>Human Computer Interaction</u> - Steimle , Strohmeier
126736	<u>Compiler Construction</u> - Hack
126743	<u>Software Engineering</u> - Apel
127163	<u>Algorithms and Data Structures</u> - Künnemann , Bringmann

Course list (Core lectures)

Computer Graphics - Einzelansicht

[Zurück](#)

Funktionen:

Seiteninhalt: [Grunddaten](#) | [Termine](#) | [Zugeordnete Person](#) | [Studiengänge](#) | [Hochschulstruktur](#) | [Inhalt](#) | [Stru](#)

Grunddaten

Veranstaltungsart	Vorlesung / Übung
Veranstaltungsnummer	126733
Semester	WiSe 2020/21
Erwartete Teilnehmer/-innen	
Turnus	
Credits	
Weitere Links	https://graphics.cg.uni-saarland.de/courses/cg1-2020/index.html
Sprache	englisch

**Please follow the instructions
given on the webpage and/or
join the first lecture**

Example master's program Computer Science

Sem.

Course

1	Core course	Core course	Advanced course	Language course
2	Core course	Core or advanced course	Seminar	Advanced course
3	Masterseminar 12 CP	Seminar	Advanced course	Advanced course
4	Thesis 30 CP			

Control of progress

Full-time students are expected to deliver the following minimum requirements in the Master course of study:

- At least **9 credits after 1 semester**
- At least **30 credits after 2 semesters**
- At least **60 credits after 4 semesters**
- At least **90 credits after 6 semesters**

In case a student does not meet the minimum requirements for the second time, he/she shall **lose the right to participate in examinations**.

Students shall be given the opportunity to make a written statement before the examination board makes the final decision in the matter.

Examination registration I

Please notice:

For all examinations you have to register in LSF **one week** before the exam at the latest (final exam and/or re-exam)!

A delayed registration is not allowed!

A withdrawal is possible **one week** before the respective exam at the latest; later only with a medical certificate!

Only for core lectures:

You can improve a grade in a core course if you pass the final exam and take part in the re-exam in the same exam period.

The better grade counts.

Examination registration II

For some courses e.g. seminars you have also to register before the course starts (limited number of participants). Please have a look at the respective website because of the conditions for registration.

Seminar registration: <https://seminars.cs.uni-saarland.de/>

A withdrawal from a seminar registration is only possible three weeks after getting the topic for presentation.

Problems? Please contact the study coordination!

Contact persons (1/2)

Study Coordinators:

Dr. Tanja Breinig and Barbara Schulz-Brünken

- **Assistance** in your study organisation and progress: questions about the examination and study regulations, academic or personal problems, information about exchange semesters, etc.
- Building E1.3, rooms 209 and 208
- Office hours: **Tuesday and Thursday, 11 a.m.-1 p.m.** (currently not be offered due to the Corona pandemic)
- Please send an email to: studium@cs.uni-saarland.de

Contact persons (2/2)

Examination office:

Bianca Schaum

- **Administration and processing** of your programme achievements: Transcript of record, registration master thesis, official certificates, recognition of external academic achievements, etc.
- Building E1.3, room 202
- Office hours: **Mondays to Thursdays, 10.30 -11.30 a.m.** (currently not be offered due to the Corona pandemic)
- Please send an email to: cs@ps-mint.uni-saarland.de

SIC System Administration:

<https://it.cs.uni-saarland.de/>

Enjoy your studies

@ the Saarland Informatics Campus

@ Saarland University