saarland-informatics-campus.de

Saarland Informatics Campus

Welcome for Master Students in Computer Science

Prof. Jan Reineke, Dean of Studies, 13.10.2021

UNIVERSITÄT DES SAARLANDES

SIC Saarland Informatics Campus

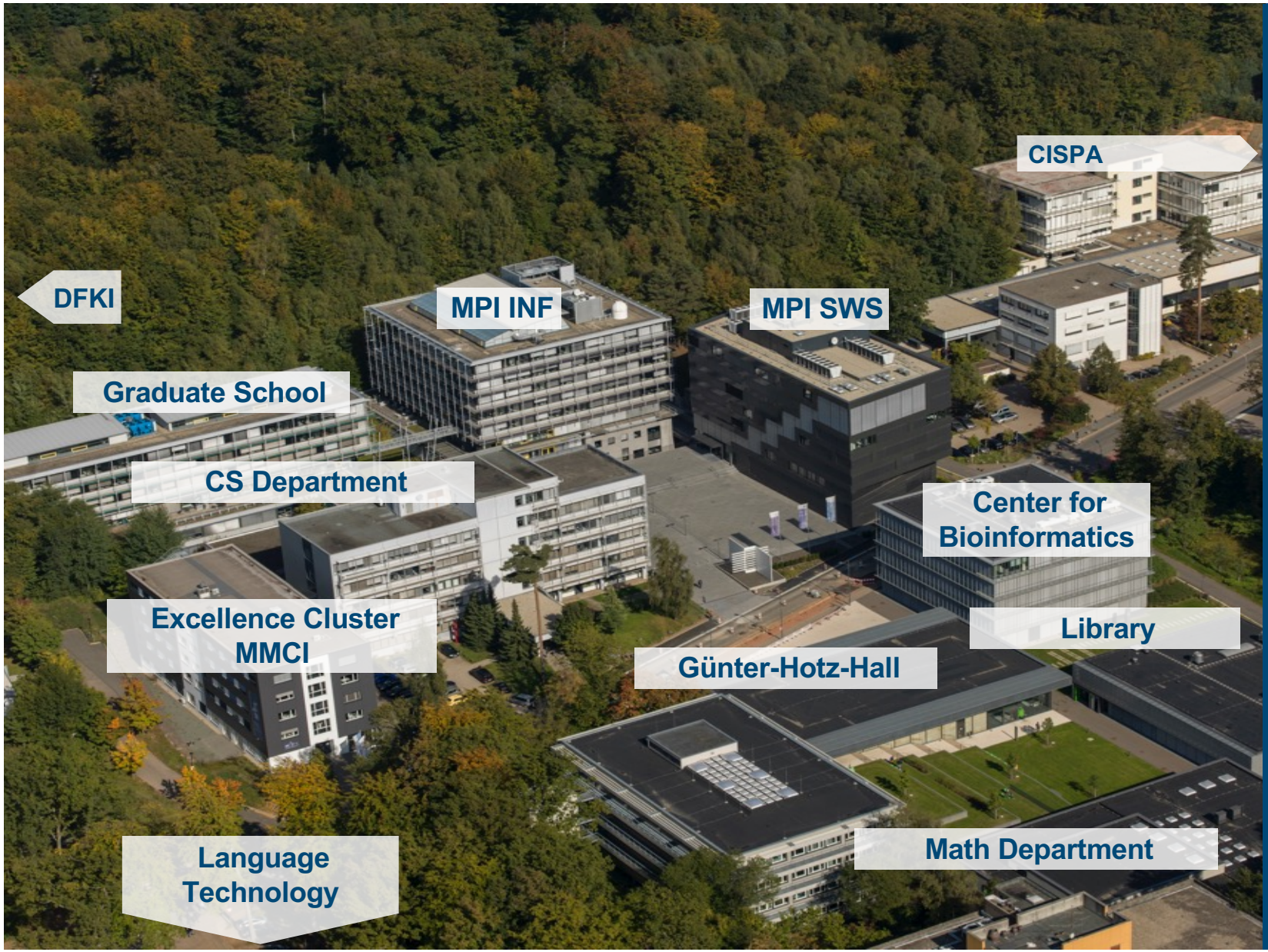
SIC

WELCOME

Welcome at SIC

Click:

https://bit.ly/WelcomeSIC21



UNIVERSITÄT DES SAARLANDES

CBI CENTER FOR BIOINFORMATICS

M2CI CLUSTER OF EXCELLENCE

CISPA HELMHOLTZ CENTER FOR INFORMATION SECURITY

DFKI

mpii max planck institut informatik

MAX PLANCK INSTITUTE FOR SOFTWARE SYSTEMS

About us

- **5 informatics institutes** and
  3 collaborating departments on campus
- Around **2,100 students** from more than **80 countries**
- **74 research groups**, 300 doctoral candidates
- **~ 800 scientists** at SIC
- 24 informatics study programs, **16 research fields**
- **5 Konrad Zuse** Medals**, 24 ERC** Grants, **7 Leibniz** Awards
- **4 Collaborative Research Centres**

More about us:

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

Outstanding career prospects

Plenty of different work experience opportunities:

- You can work as a research assistant in the computer science department or at one of the five associate institutes or as an intern at one of the many start-ups and IT companies in the region (Dillinger, Saarstahl, ZF, Hydac, SAP and so on)

With a degree from Saarbrucken, you will be an ideal candidate for jobs in leading companies in the high-tech industry:

- Cooperations between our campus and numerous international organizations (more than 100), such as Google, Microsoft, Facebook, Intel, Samsung, IBM, EADS, Microsoft, Bosch, Airbus, Siemens, etc.

If you wish to pursue a career in academia, you can stay on with us:

- The Saarbrücken Graduate School of Computer Science provides an optimal environment for pursuing doctoral studies in computer science at an internationally competitive level

Saarland University provides a broad range of support for budding entrepreneurs:

- Since 2005 more than 100 spin-offs

Your Studies at Saarland University

YOUR STUDIES

Students in Computer Science

- In total: 424 bachelor students and

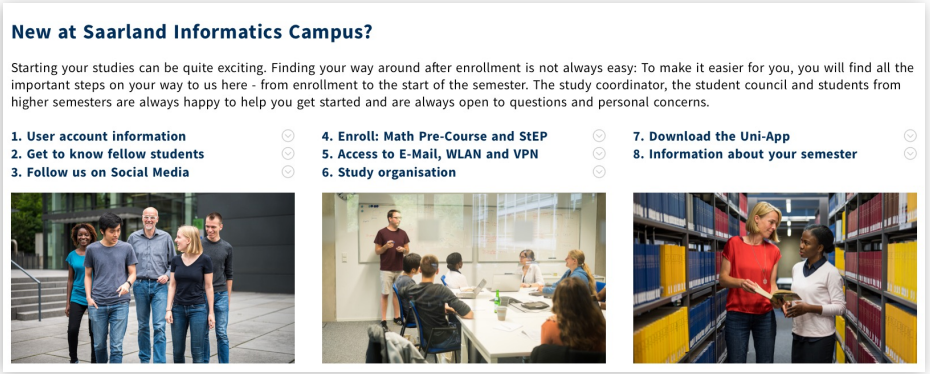
  422 master students in Computer Science
- Students from around 80 different countries in the CS department
- 54 professors and co-opted professors
- As well as 37 junior research groups

YOUR STUDIES

Winterterm 2021/2022

- On October 18, Saarland University is starting lectures for the winter semester 2021/22.
- Re-introducing face-to-face mode; courses on master's level will (also) be available online. Exams will take place on site.
- You are only allowed to attend offline events in person, if you can either prove you are fully vaccinated, have received a negative COVID-19 test result (twice per week) or have recovered from an infection with COVID-19 ('3G' status)
- When entering a teaching room, you have to register via the Staysio App: https://staysio.de/#/
- If it is not possible to maintain the minimum physical distance of 1.5 metres to each other, you are required to wear a medical face mask.
- Information about courses and tutorials is provided on the webpages of the lecturers and also the LSF

You can also **get vaccinated for free** via a mobile vaccination team who will be **on our Saarbrücken Campus** from **11 to 22 October** (Monday to Friday, 9am to 4pm)
https://www.uni-saarland.de/en/division/ls/informationen-zum-semesterbetrieb/winter-semester-2021-22.html



Further Information:

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

https://saarland-informatics-campus.de/en/semesterinfo/

YOUR STUDIES

Study Regulations 2015 for Master of Computer Science

Read your study documents carefully!

Examination regulations, subject-specific regulations and study regulations: Check the website for the joint examination offices of all faculites of Natural Sciences and Technology

You have to know your rights and duties as student!

Study Regulations 2021 for Master‘s programme 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‘s seminar** and **30 CP** for the **Master‘s thesis**

YOUR STUDIES

Example Course List: All our core courses (offered at least every two years)

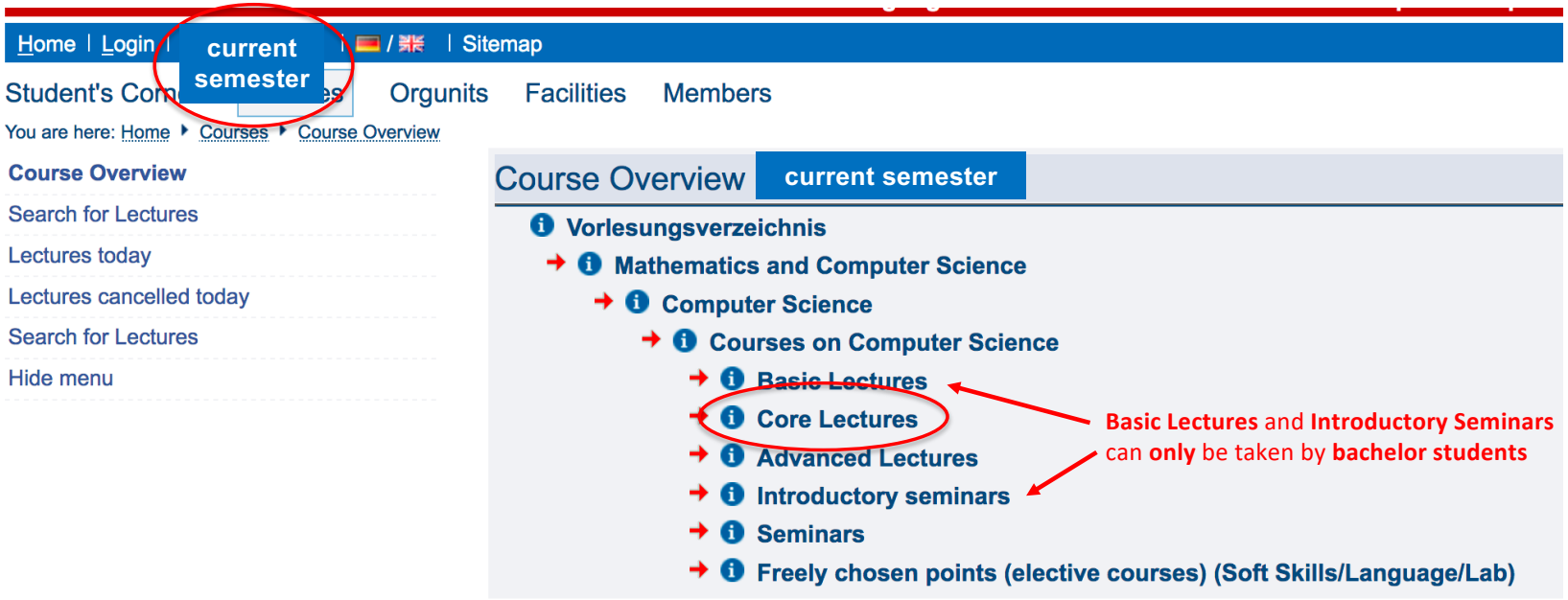
Algorithms and Data Structures
Artificial Intelligence
Automated Reasoning
Compiler Construction
Computer Algebra
Computer Graphics
Cryptography
Data Base Systems
Data Networks
Distributed Systems
Embedded Systems
Geometric Modelling
Human Computer Interaction
Image Processing an Computer Vision
Information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

Course catalogue (LSF)

How to choose a lecture – example: core lecture

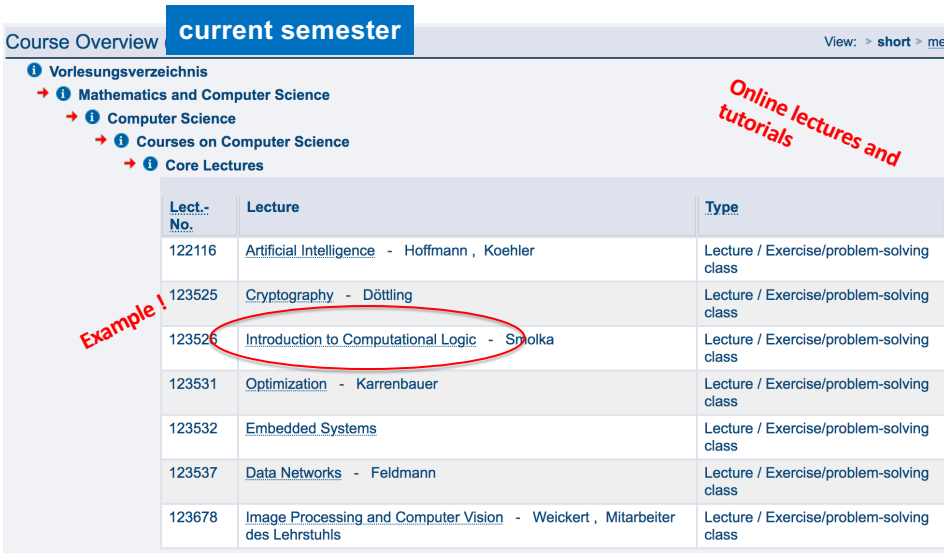
Faculty Mathematics and Computer Science → Courses on Computer Science

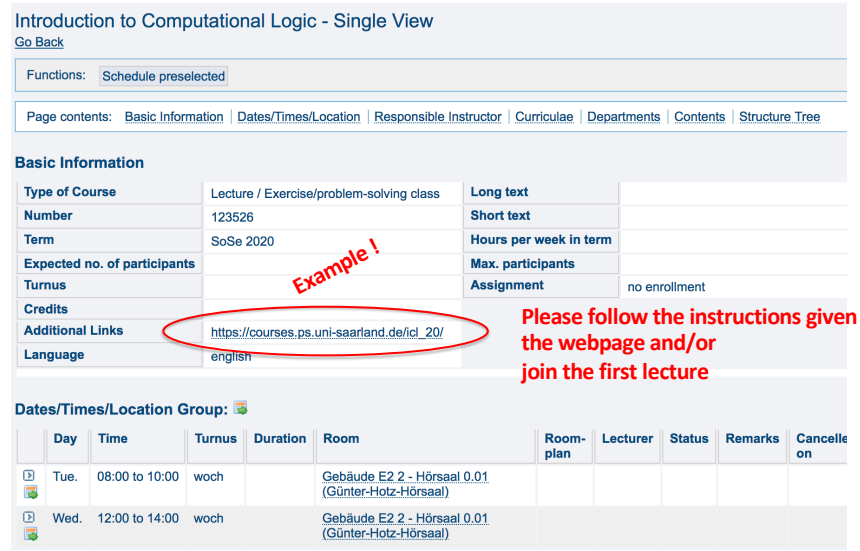
https://www.lsf.uni-saarland.de/qisserver/rds?state=wtree&search=1&trex=step&root120201=253136|251379|252597|255390&P.vx=kurz



Course list (Core lectures)

How to choose a lecture – example: ICL





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

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.

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!

Contacts

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 207
Office hours: Tuesday and Thursday, 11 a.m.-1 p.m. (online via MS Teams)
Emails to: studium@cs.uni-saarland.de

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, Tuesdays and Thursdays, 9.30 -11.00 a.m. (further information on website)
Emails to: cs@ps-mint.uni-saarland.de

SIC System Administration: https://it.cs.uni-saarland.de/

Let's be friends, follow us!

Connect with us on Instagram
@Saarland_Informatics_Campus

Like us on Facebook
Saarland Informatics Campus #SIC

Follow us on Twitter
@SIC_Saar

SIC Saarland Informatics Campus

UNIVERSITÄT DES SAARLANDES

CBI CENTER FOR BIOINFORMATICS

M2CI CLUSTER OF EXCELLENCE

DFKI German Research Center for Artificial Intelligence

mpii max planck institut informatik

MAX PLANCK INSTITUTE FOR SOFTWARE SYSTEMS

SIC Saarland Informatics Campus

UNIVERSITÄT DES SAARLANDES

CBI CENTER FOR BIOINFORMATICS

M2CI CLUSTER OF EXCELLENCE

DFKI German Research Center for Artificial Intelligence

mpii max planck institut informatik

MAX PLANCK INSTITUTE FOR SOFTWARE SYSTEMS