

Welcome to your

Computer Science Master's studies

Winter semester 2023/2024

Dr. Herman Haverkort
Programme Manager
education@informatik.uni-bonn.de

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Structure of the programme

MA-INF 1000–1999

Algorithmics

computational complexity,
geometry, optimisation,
game theory, cryptography etc.

MA-INF 2000–2999

Graphics/Vision/Audio

image/signal processing and
analysis, realistic rendering,
data visualisation, etc.

MA-INF 3000–3999

Info/Communication Management

info. systems, software techn.,
security, distribut. systems etc.

MA-INF 4000–4999

Intelligent Systems

artificial intelligence, robotics,
neural netw., machine learning,
knowledge discovery etc.

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1st sem.

2nd sem.

3rd sem.

4th sem.

32 cp thesis+presentation

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9 cp lecture

6 cp lecture

1st sem.

9 cp lecture

6 cp lecture

9 cp lecture

6 cp lecture

2nd sem.

9 cp lecture

6 cp lecture

9 cp lab
4 cp seminar

6 cp lecture

3rd sem.

9 cp lecture

4th sem.

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1st sem.

two 9 cp lectures
two 6 cp lectures

2nd sem.

two 9 cp lectures
4 cp seminar

6 cp lecture

3rd sem.

two 6 cp lectures
9 cp lab

9 cp lab

4th sem.

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88 cp in lectures, labs and seminars

at least 6 cp in each of at least three areas;
31–61 cp in focus area of your choice;
at most 2 labs (at least one in focus area);
at most 2 seminars (at least one in focus area).

4th sem.

32 cp thesis+presentation

How to choose courses?

CS website → **for students** → **Master CS** → **module handbook**:
brief descriptions of all courses that we offer

- 2nd digit of course number = recommended semester (± 1)
→ courses MA-INF *3** better not taken in 1st semester
- in labs and seminars you get to know professors and research topics
→ advisors and themes for your Master's thesis

<https://basis.uni-bonn.de>: courses in current (upcoming) semester:

- time and place of (first) course meeting
- link to eCampus course site

→ more info on contents, course work etc.

- **register with the student registry**
 - activate Uni-ID
 - try your university mail (this is how we contact you)
 - **register with the CS examination office** (see website) by paper mail **by 20 November**
-
- find courses on <https://basis.uni-bonn.de> and:
 - **register on eCampus** to access to essential information and materials
 - **register on Basis** for the exams **(see website for deadlines)**
-
- before start of thesis project, apply for approval at the examination office

Beyond our courses, it may be possible...

to get a job as a **student assistant**

→ check our website → for students → job openings

to take a specialised **course from another department**

→ check our website → for students → Master CS → study planning

to spend a **semester at another university**

→ check our website → for students → exchange programmes

What if it does not go as planned?

- you can try each course three times, until you pass
(see website for exact rules)
- Master's project must be completed in six months*; two attempts allowed
*) extensions up to six weeks possible

- contact Dr. Matthias Frank for advice on study planning
(study-advisor@informatik.uni-bonn.de)

- as far as we are concerned, you can stay longer if needed, but:
- foreign office may want to verify that you are making progress
(check with the examination office)

On our website there is more information on...

- examinations and formalities
- how to use *Basis* for course info and exam registrations
- accounts for hardware/software/network facilities
- getting advice on study planning
- exchange programmes with other universities
- job offers for student assistantships
- the student body computer science (Fachschaft)
- links to university-wide services for international students
- where to find / how to contact lecturers and supporting staff

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**Have a
fruitful and
enjoyable time
as a CS student
in Bonn!**

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