Orientation Event for Master of Computer Science (Summer Semester 2022)

Gina – Student Body Representative

02.04.2022

Research Areas

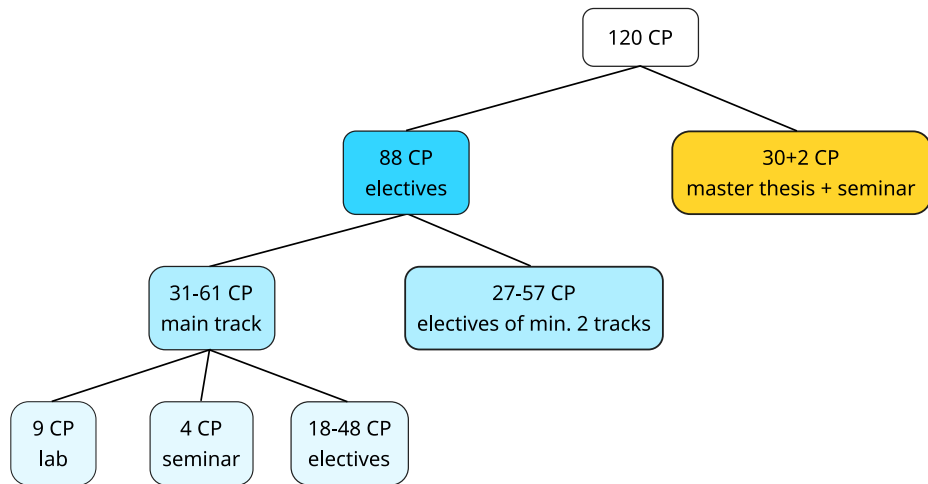| Algorithmics	Graphics, Vision, Audio	Information and Communication Management	Intelligent Systems
Complexity Theory Algorithmic Geometry Discrete Mathematics Cryptography etc.	Image Processing Computer Vision Computer Graphics Signal Processing Computer Animation etc.	Information Systems Software Technology Computer Networks Communication Systems Distributed Systems etc.	Artificial Intelligence Robotics Neural Networks Machine Learning Knowledge Discovery etc.

CP Distribution

Examination Rules M.Sc. Computer Sciences

Where to find?
https://www.informatik.uni-bonn.de/en/for-students/master-of-science-in-computer-science/regulations-and-forms

Examination rules, Article 4, section 4:

- Requirement: 120 CP in total
- Focus Area: 31-61 CP, of that 1 seminar (4-6 CP), 1 lab (9 CP)
- Other Areas: at least two with at least 6 CP each
- Please limit youself to 1-2 labs and 1-2 seminars globally
- Master Thesis: 30 CP + 2 CP from accompanying seminar

$\Rightarrow$ **no compulsary modules, choose freely from course catalog**

What to do in your first semester?

Look at the course overview in BASIS, available at https://basis.uni-bonn.de For more information, crossreference available courses with the module handbook.

Module numbers MA-INF ASXY have been assigned according to the following key:

- A = number of the area of research
- S = approximate semester (1st-3rd) within the master's curriculum
- XY = sequential number within the semester and area of competence (two digits)

Lectures, seminars, and labs ought to be taken between the 1st and 3rd semester. The 4th semester is reserved for preparing the master's thesis.

Examples:

- MA-INF 1104 - Advanced Algorithms
- MA-INF 2111 - Foundations of Graphics
- MA-INF 4111 - Intelligent Learning and Analysis Systems: Machine Learning
- MA-INF 4113 - Cognitive Robotics

In your first semester, you should start with the first or second semester introductory lectures. Please note that the majority of the introductory (or first semester) lectures are only offered in winter semester.

Please be aware that

- lecture modules consist of the lecture itself plus exercise groups
- you will be told how to choose your exercise group in the lecture
- you should take your time during the first two weeks of the semester to attend all the modules you are interested in and then choose enough modules to cover 30 ECTS (e.g. $2 \cdot 9 + 2 \cdot 6$, or $5 \cdot 6$, etc)

$\Rightarrow$ good planning and looking ahead is important to stay in the recommended study length of four semesters

What to do in your first semester?

Registration for our Master's Program:

Registration for our Master's Program is via post. Without this registration, you cannot register for exams. For registration, please send all the following documents to the Bachelor Master Office:

- passport
- final student ID
- attached form (filled in)

- bachelors degree certificate (copy)
- TOEFL or IELTS result (copy)

Please note: registration will only be possible if you send us ALL necessary documents, which includes the final student ID. Copies need to be made by yourself! All relevant information can be found here: https://www.informatik.uni-bonn.de/en/for-students/registering-exams-in-basis/registering-for-the-master-program

Deadline: 20.05.2022 (probably)

Checklist: What to do at the beginning of your first semester?

1. (Register at city hall with their form and the Wohnungsgeberbestätigung.)
2. Enroll at Studierendensekretariat with your admission letter.
3. Activate your Uni-ID with the details from your study documentation (blue sheet, end of top paragraph).
4. Set up email account of your university email address. Guide: https://www.informatik.uni-bonn.de/en/for-students/registering-exams-in-basis/uni-id-und-e-mail-adresse Please note that only a limited amount of memory is available for your received e-mails.
5. Create your Informatik-Account.
6. Obtain a Mensa-Card at the Café to the right of the Mensa entrance.
7. Register at our institute ("Masterregistrierung").

Registration for lecture exams, seminars and labs

> **Each module is concluded with an exam. You have to register for each exam in advance, including labs and seminars.**

- Registration in BASIS: https://basis.uni-bonn.de, usually opens mid semester
- Tutorial: https://www.informatik.uni-bonn.de/en/for-students/registering-exams-in-basis/
- Info on registration deadlines: https://www.informatik.uni-bonn.de/en/for-students

Examination Office

- our exams office is located on the ground floor, room 0.024
- person in charge: Ms. Judith König
- for office hours (by phone) and additional info see:
  https://www.informatik.uni-bonn.de/en/for-students/examination-office

Exams

Exam Application

- fulfill requirements published by examination office
- applications via BASIS, starting around mid-semester
- step down until one week before exam without explanation needed
- seminars and labs: step down until assigned a topic

Taking Exams

- 3 attempts per module, 2 dates per semester $\Rightarrow$ 6 tries per module in total
- passed on first date: improvement-exam possible
- failed on first date: try again on second date
- first and second date count as one attempt
- exam application only for both dates at once
- possibility for disadvantage compensation (for i.e. dyslexia)
- if you are sick: doctor's note $\rightarrow$ not attemps lost

Exams

Failed Exams

- frist action: post-exam review
- second action: try on second date
- third action: try again next year
- 6 tries in total
- 6 fails → can't pass *this* module anymore, but still choose something else

Improvement Exams

- for 3 courses of the first 2 semesters
- fill out form on website
- if you want to improve the next year: hand in until 3 month before next exam
- if you want to improve on the second date: apply until two weeks after you got the grade
- labs and seminars cannot be improved

How does Corona affect our courses?

- mode of operation: mainly in-person, online and hybrid possible
- Exams probably on-site, tbd.
- Changes in the mode of operation are possible because the university has to stick to governmental rules regarding the COVID-19 pandemic.
- proof of vaccination or similar to enter university builidings is currently **not** needed anymore.

Questions on BASIS (exam registration only) :

- **technical questions** on exam registration via BASIS need to be directed to Dr. Stefan Lüttringhaus-Kappel by email to pos@informatik.uni-bonn.de
- office hours (right column):
  https://www.informatik.uni-bonn.de/en/for-students/general-information/

Study Advisory Service

- study advisor Dr. Matthias Frank
- service open to all students of computer science
- help on study-related problems
- further info plus contact details:
  https://www.informatik.uni-bonn.de/en/for-students/student-advisory-service

Who to contact

Examination Office	Bachelor-Master-Office	Student Body Representatives	Study Advisory Office
Legal matters, Ausländeramt forms, sick notes for exams, etc.	General Questions, basis support	General Questions, Study related Questions	Study-related questions

Please contact professors/tutors directly for lecture-specific questions

The Student Body

"Fachschaft" means:

- the democratically elected representatives
- the office
- all students of the Institute of Computer Science and B-IT

What do we do?

- represent you in committees
- organise events like parties
- help you with your questions

Where to find us?

- office in room 0.019, in the foyer of the Institute
- office hours are 2h daily, schedule on our website
- fachschaft.info/en
- fs@fachschaft.info for e-mails

Further Info from us

our first-semester magazine Inform:

to catch all news, initations to events and generally what we are up to:

subscribe to our newsletter!
fs-news@fachschaft.info

Institute's Campus / Informatik-Zentrum

The building is at Friedrich-Hirzebruch-Allee 8, 53115 Bonn.

Postal address: Institut für Informatik
Friedrich-Hirzebruch-Allee 5
53115 Bonn
Germany

In the Informatik-Zentrum:

- Computer Science Departments I-VI
- Examination Office
- Bachelor-Master Office
- IT Support
- CIP (computer) pools
- Student Body / Fachschaft

Important pages on Informatik-Website at a glance:

WiFi via Eduroam: https://www.hrz.uni-bonn.de/en/services/mobile-devices

Contact details of institute's members: https://www.informatik.uni-bonn.de/en/institute/members

Student Body / Fachschaft: https://www.fachschaft.info/en

IT-services: https://www.informatik.uni-bonn.de/en/institute/it-services

Official Infos for students: https://www.informatik.uni-bonn.de/en/for-students/general-information

Job offers: https://www.informatik.uni-bonn.de/en/for-students/master-of-science-in-computer-science/information-for-current-students

Scholarships: https://www.informatik.uni-bonn.de/en/for-students/scholarships-and-grants

Study abroad: https://www.informatik.uni-bonn.de/en/for-students/the-erasmus-exchange-program

Learning German: https://www.informatik.uni-bonn.de/en/for-students/master-of-science-in-computer-science/learning-german-in-bonn

Our Institute's Facebook Page: https://www.facebook.com/Computer.Science.Bonn

Extra-curricular activities:

Free German classes offered by International Office (first-minute registration necessary): https://www.uni-bonn.de/en/studying/international-students/learning-german

Tandem-Program (in German, use a translating service): https://www.ikm.uni-bonn.de/sprachlernzentrum/begleitetes-autonomes-fremdsprachenlernen/tandem

Counseling and Service by International Office: https://www.uni-bonn.de/en/university/organisation-and-institutions/university-administration/international-office/international-office

Counseling and Service by AStA: https://www.asta-bonn.de/Consultations

University Sports Activities (Hochschulsport): https://www.sport.uni-bonn.de/

Studium Universale: https://www.uni-bonn.de/en/studying/degree-programs/more/life-long-learning-university