

14.04.2023

FRESHMAN ORIENTATION AI
for the summer semester 2023

Fachschaft IT
BTU Cottbus-Senftenberg



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1. Welcome to Cottbus and to BTU
2. Artificial Intelligence Studyprogram
3. Other things



INFORMATION SOURCES

AI on BTU Website

<https://www.b-tu.de/en/artificial-intelligence-ms>

AI on Board of IT students Website

<https://fsr-it.de/ai-ms>

ASKING FOR HELP

Students from the Wintersemester 2022/23

Please first ask your fellow students for help.
They most likely had the same questions as you.

Studyprogram Director

Prof. Cunningham (artificial-intelligence-ms@b-tu.de)

Student Representative in Examination Board AI

Julius Kiekbusch (julius.kiekbusch@b-tu.de)

RECOMMENDED RESOURCES

Freshman Guide

<https://fsr-it.de/freshman>

This presentation

(Can be found in the freshman guide)

!!! AI is not part of the Board of IT students !!!

AI has too many students to be part of the Board of IT students.

It is recommended that AI students create their own Board of AI students.

If you are interested in this, please contact fsr-it@b-tu.de

BOARD OF IT STUDENTS

Fachschaft IT BTU Cottbus-Senftenberg

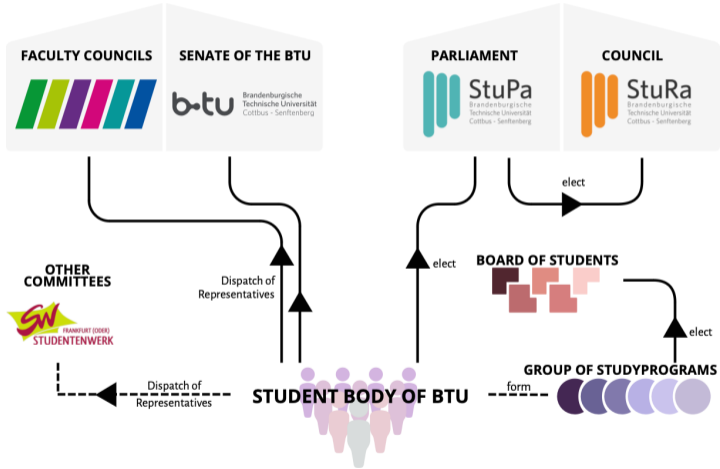


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Self initiative

You need to choose your own moduls. Nobody will tell you what to do.
Ask Questions during lectures and get help from your fellow students.
Participate in Exercises and Seminars for deeper understanding

Concepts instead of Calculating, this can include

- Mathematical Notations
- Practical Assignments
- Reading, Researching and Writing

Study/Examination Regulation

This is the official document that describes your studyprogram and regulates which moduls and how many you can take. See <https://fsr-it.de/links>

!!! You need to choose you own studyplan !!!

Complex: Advanced Methods	6 - 56
Complex: Knowledge Acquisition, Representation and Processing	6 - 56
Complex: Learning and Reasoning	6 - 56
Seminar or Laboratories	6 - 12
General Studies	6
Internship	10
Master Thesis	30

How to choose your mentor?

Decide in which direction do you want to take you AI studies and decide on a mentor. Then take a look at the moduls your mentor holds. Then write an email to him and ask for a meeting where you can discuss things further.

All Professors: <https://www.b-tu.de/en/artificial-intelligence-ms/detail-information/chairs-involved-in-the-study-program>

Create your studyplan

After your talk with your mentor you have a finished study plan. This studyplan needs to be signed by your, your mentor and afterwards be sent to the examination board of AI. (You have until the end of the first semester)

Formular for creating your own studyplan: <https://fsr-it.de/mentor>

Modul Types

MCA: Continuous Assessment during the semester (Registration and Unregistration during the first three lecture weeks)

MAP: Exam at the end of the semester (Registration during the first three lecture weeks, Unregistration until one week of the corresponding examination period)

Teaching Events

There are different type of teaching events for on module:

- Lecture
- Exercise
- Seminar
- Laboratory

Gather information about the moduels

- <https://fsr-it.de/ai-ms>
- <https://www.b-tu.de/en/artificial-intelligence-ms>
- <https://www.b-tu.de/elearning/btu/>

Create your timetable for the semester

- <https://fsr-it.de/studyplanner>

!!! Official Exam Registration via the online portal !!!

<https://www.b-tu.de/online-portal>

Resources and Communication for the modul via moodle

<https://www.b-tu.de/elearning/btu/>

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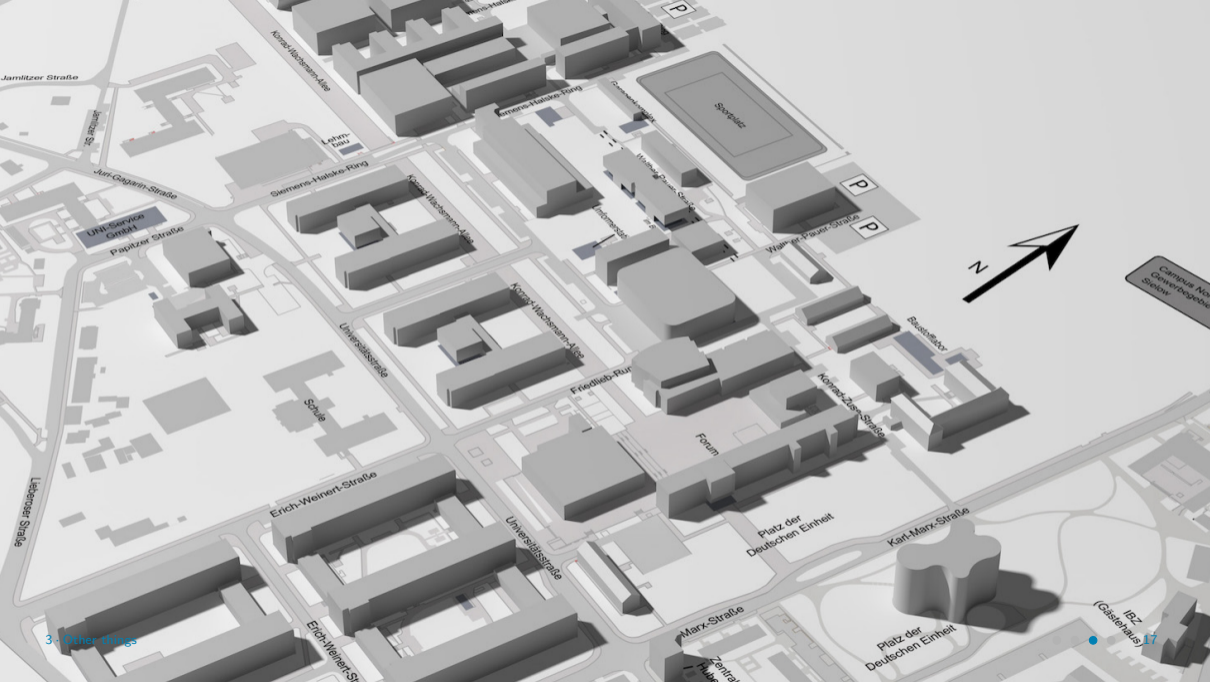
OTHER THINGS

BTU Account

- Email Communication with teaching staff
- Examination Registration
- Moodle
- Managing your studies (myBTU-Portal)

BTU Campus App

<https://www.b-tu.de/multimediazentrum/dienstangebote/web-app/campusapp>



3 - Other things

Campus No
Genevreböbe

(Gästehaus)
IBZ

Do you have enough mathematical knowledge? (Notations included)

- $\forall p \in \mathbb{P} : p$ is a prime
- $\forall n \in \mathbb{N} : \exists x \in \mathbb{N} : x|n$

Then it is recommended to take the modul **14015 - Introduction to Mathematical Methods in Artificial Intelligence** in the first semester.

<https://www.b-tu.de/modul/14015>

Try to learn german

- Duolingo (free)
- Babbel (costs money)
- BTU Language Centrum (currently overbooked)

Thank you for your attention!