

Biomedical Engineering Pre-master: Admission for students with a bachelor degree in Human Movement Sciences

- Students with a BSc. UG degree in Human Movement Sciences can be admitted to the MSc. degree programme Biomedical Engineering, after finishing a pre-master's programme of 45-50 ECTS (depending on track choice). Please note that this programme may slightly change every year, due to curriculum changes.
- The pre-master's programme starts in September and takes one full academic year to complete.
- At least 45 ECTS from the Pre-master's programme should be successfully completed by the end of the academic year to be allowed to complete the entire Pre-master's programme. Only after successfully completing the Pre-Master's programme, you are eligible to the connecting MSc. Programme in Biomedical Engineering.
- You may include some of the pre-master course units in your own Bachelor's programme. Please, take into consideration that the course prerequisites need to be fulfilled. The Board of Examiners of your Bachelor's degree may decide whether you can take these course units as a minor or electives.
- An example of a pre-master's programme tailored to the Medical Device Design (MDD) or Biomaterials Science and Engineering (BSE) track of the BME Master's programme can be found below.

1. Python and Numerical Methods (1a)
2. Principles of Design Engineering (1a)
3. Mathematical Tools for BME (1a)
4. Electricity and Magnetism (1b)
5. Material Science (1b)
6. Signals and Systems (2a)
7. Molecules of Life for BME (2a)
8. Electronics (2b)
9. Biomaterials 1 (2b)

An example of a pre-master's programme tailored to the Medical Imaging (MI) track can be found below.

1. Python and Numerical Methods (1a)
2. Principles of Design Engineering (1a)
3. Mathematical Tools for BME (1a)
4. Electricity and Magnetism (1b)
5. Material Science (1b)
6. Signals and Systems (2a)
7. Molecules of Life for BME (2a)
8. Physics and Technology of Medical Imaging (2a)
9. Biomaterials 1 (2b)
10. Electronics (2b)