

Biomolecular Sciences: Admission with a HBO-diploma (Pre-master)

Prior education requirement

You cannot join the Master's programme immediately as you must first complete a Pre-master's programme, which starts in September. Once you have completed this programme, you can in theory start your Master's programme in Biomolecular Sciences. Admission to the selective Pre-master's programme is granted on an individual basis by the Admissions Board on the basis of the documents you supply.

The Admission Board will consider your application and assesses students on the strength of the knowledge/major and skills they have already acquired and motivation (see checklist). If accepted, the Admission Board will assign you the Pre-master's programme below (or assign you an individually-tailed Pre-master's programme).

Completion of the Pre-master's programme Biomolecular Sciences will allow enrolment in the Master's programme Biomolecular Sciences or Biology.

We offer a Pre-master's programmes containing topics in Molecular Life Sciences. This programme is suitable for students with a qualification in:

- Biology and Medical Laboratory Research (specializing in molecular biology, biochemistry, diagnostics; a research specialization is best) (CROHO 34397)
- Biotechnology (CROHO 34331)
- Bioinformatics (CROHO 39215)

Content Pre-master's programme

Please note: It is a good idea to think long and hard about your ambitions and whether the Pre-master's and Master's programmes will help you to achieve them. The Pre-master's programme is tough for all students and not all of them are able to complete it. Studying at a university is a very different experience from studying at a university of applied sciences. You must be motivated to spend an average of 30-40 hours per week focusing exclusively on your studies. We advise students to start preparing for the programme in the summer holidays by doing some self-study, for example. Having said this, an above-average, well-motivated university of applied sciences student will normally manage to complete the Pre-master's programme successfully.

Pre-master's programme containing topics in Molecular Life Sciences (45 ECTS):

- [Molecular Genetics](#) (period 1a, 5 ECTS)
- [Medical Structural Biology](#) (period 1a, 5 ECTS)
- [Bioinformatics](#) (period 1a, 5 ECTS)
- [Modelling Life](#) (period 1b, 5 ECTS)
- [Molecules of Life](#) (period 2A, 5 ECTS)
- [Cell Migration and Communication](#) (period 2a, 5 ECTS)
- [Enzymology and Thermodynamics](#) (period 2b, 5 ECTS)
- [Bio-organic Chemistry](#) (period 2b, 5 ECTS)
- [Bachelor Thesis](#) (whole year)

Please note: the programme above gives you a good idea of what to expect in practice, but is subject to availability. Depending on knowledge and skills alterations may be introduced to this programme on an individual base.