

Biology: Admission with a HBO-diploma (Pre-master)

including participation in the selection procedure for Ecology & Evolution, Marine Biology or Biomolecular Sciences

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 Biology. Admission to the 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. If accepted, the Admission Board will assign you one of the three Pre-master's programmes below (or assign you an individually-tailed Pre-master's programme).

Completion of the Pre-master's programme will allow enrolment in the Master's programme Biology. It does not automatically guarantee admission to the selective Master's programmes [Ecology & Evolution](#), [Marine Biology](#) and [Biomolecular Sciences](#). After applying to one of these programmes, the Admission Board will consider your application. If accepted, your successfully completed pre-Master's programme will grant you access to the respective Master. If you do not get accepted, yet you successfully complete your Pre-master's programme, you can enroll into the Master's programme Biology.

We offer three types of Pre-master's programmes:

1. Pre-master's programme containing topics in Biomolecular Sciences. This programme is suitable for students with a background in Biomolecular Sciences, such as BSc. programmes in:

- Biology and Medical Laboratory Research (specializing in molecular biology / biochemistry / diagnostics; a research specialization is best)
- Biotechnology
- Bioinformatics

This programme connects to the MSc. programmes in Biology (unconditional) and Biomolecular Sciences (after selection) and Marine Biology (after selection)

2. Pre-master's programme containing topics in Ecology and Evolution. This programme is suitable for students with a background in Ecology & Evolution, such as BSc. programmes in:

- (Applied) Biology
- Environmental Management

This programme connects to the MSc. programmes in Biology (unconditional), Ecology & Evolution (after selection) and Marine Biology (after selection).

3. Pre-master's programme containing topics in Biology. This programme is suitable for students from BSc. Coastal Zone Management Marine Biology track, of Van Hall Larenstein. This programme connects to the MSc. programmes in Biology (unconditional) and Marine Biology (after selection).

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 Biomolecular Sciences (35 ECTS):

- [Molecular Genetics](#) (period 1a)
- [Medical Structural Biology](#) (period 1a)
- [Bioinformatics](#) (period 1a)
- [Cell Migration and Communication](#) (period 2a)
- [Enzymology and Thermodynamics](#) (period 2b)
- [Bio-organic Chemistry](#) (period 2b)
- [Bachelor Thesis](#) (whole year)

Pre-master's programme containing topics in Ecology and Evolution (30 ECTS):

- [Systems Ecology & Ecological Interactions I](#) (period 1a)
- [Systems Ecology & Ecological Interactions II](#) (period 1a)
- [Genes and Evolution](#) (period 1a)
- [Biostatistics II](#) (period 2a)
- [Evolutionary Ecology](#) (period 2a)
- [Bachelor Thesis](#) (whole year)

Pre-master's programme containing topics in Biology (38 ECTS):

- [Systems Ecology & Ecological Interactions I](#) (period 1a)
- [Systems Ecology & Ecological Interactions II](#) (period 1a)
- [Genes and Evolution](#) (period 1a)
- [Microbiology](#) (period 1b)
- [Lab Course](#) (period 1b)
- [Biostatistics 1](#) (period 1b)
- [Biostatistics II](#) (period 2a)
- [Bachelor Thesis](#) (whole year)

Please note: the programme above is meant as an example, to give you a good idea of what to expect in practice. Depending on knowledge and skills may be introduced to this programme for every individual case.