

Computing Science: Admission with a HBO-diploma (Fast-track, only for applicants from selected universities of applied sciences)

Prior education requirement

Students taking programmes in Informatics (**NHL Stenden University of Applied Sciences/Van Hall Larenstein (VHL) University of Applied Sciences Leeuwarden**), and the programme in ICT (**Hanze University of Applied Sciences Groningen**), may take a Fast-track Bachelor's programme at the same time as their Bachelor's programme at the university of applied sciences. This Fast-track Bachelor's programme is intended for students at a university of applied sciences who are performing well above average. The programme is organized for students who follow the specialization Software Engineering, and would like to continue at the UG in the track Software Engineering & Distributed Systems within Computing Science. Interested students should have finished at least the propaedeutic phase of their HBO programme.

Please note: The Fast-track Bachelor's programme is not open to students studying programmes other than those mentioned above.

Content Fast-track programme

The Fast-track Bachelor's programme is intended to be completed in the first semester of the third or fourth year of the university of applied sciences programme, by taking course units at the UG. The Fast-track Bachelor's programme comprises similar course units as the standard pre-Master's programme in Computing Science (exact descriptions of the course units are shown in [Ocasys](#)):

- Information Security (WBCS004-05 - 1a)
- Introduction to Machine Learning (WBCS032-05 - 1a)
- Advanced Object Oriented Programming (WBCS001-05 - 1a)
- Discrete Structures (WBCS011-05 - 1b)
- Computer Architecture (WBCS010-05 - 1b)
- Calculus for LST (WBLT006-05 – 1b)

Students who complete the Fast-track Bachelor's programme and the Bachelor's degree at the university of applied sciences, and meet the English language requirement, will be automatically admitted to the Master's degree programme Computing Science (track Software Engineering & Distributed Systems).

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

You can email the academicadvisor.msc.cs@rug.nl for questions regarding the programme.