

## Applied Mathematics: Admission with an HBO-diploma (Pre-master)

### Prior education requirement

Admission to the Pre-master's programme is granted on an individual basis by the Board of Admissions. The Pre-master content is set on an individual basis by the Board of Admissions and depends on the knowledge obtained by the prospective student within the Bachelor's programme. An example of a Pre-master programme is given below.

### Content Pre-master programme

An example of a Pre-master's programme for the MSc. programme Applied Mathematics is shown below. Course units have a study load of 5 ECTS each. It is sometimes possible to include one or more of these course units in the HBO programme, as a so-called Fast-track programme (doorstroom programma).

Period 1a	Period 1b	Period 2a	Period 2b
Metric and Topological Spaces	Multivariable Analysis	Functional Analysis	Mathematical Modelling
Linear Algebra 1	Dynamical Systems	Linear Algebra 2	Linear Systems
Statistics	Differential Equations in Science and Engineering	Project Systems Theory	Numerical Mathematics 1

**Please note:** The Pre-master content is set on an individual basis by the Board of Admissions and depends on the knowledge obtained by the prospective student within the Bachelor's programme. The programme above is meant as an example, to give you an idea of what to expect in practice. Changes may be introduced to this programme every academic year, for example due to curriculum changes. Depending on knowledge and skills may be introduced to this programme for every individual case.