

Industrial Engineering & Management: Admission with a HBO-diploma (Pre-master)

Prior education requirement

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 Pre-master's content is set on an individual basis by the Board of Admissions and depends on the knowledge obtained in the Bachelor's programme. The following types of qualifications from a university of applied sciences are usually sufficient:

- Mechanical Engineering: this programme connects to the PTL-track of the Master's programme.
- Chemical Engineering: this programme connects to the SPE track of the Master's programme.

For other technical applied university programmes, the Board of Admissions checks the content of the courses in the programme to assess whether a candidate is eligible to be admitted to a Pre-master's programme.

Since our IEM programme is highly technical, candidates from programmes with insufficient technical background - for instance most applied university programmes in Industrial Engineering and Management - cannot be admitted to the Pre-master's programme.

Content Pre-master's programme

The Pre-master's programme is a bridging programme for students from a university of applied sciences and can be seen as an entrance examination in itself. You must complete 45 ECTS of the programme within one year, which in practical terms, means that you can only fail two courses (or none of you have a premaster smaller than 45ECTS) and if you do you will still have to pass them the next year. The courses in the Pre-master are not always in a logical order, as it contains courses from multiple years of our Bachelor's programme in Industrial Engineering and Management.

Therefore, the Pre-master's programme is a very demanding programme and not all students are able to complete it. A lot of autonomy is expected and 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. Having said this, an above-average, well-motivated university of applied sciences student will normally manage to complete the Pre-master's programme successfully.

The content of the two standard Pre-master's programmes can be found on [Ocasys](#). Basic programming skills are not explicitly covered in the programme and are considered prior knowledge. The programmes in Ocasys are meant as examples to give you an idea of what to expect in the Pre-master. Depending on your bachelor this programme may vary. The programme in your admission letter is leading.