



Appendix VII Pre-master programmes

1. FSE offers Pre-Master's programmes of *60 EC, 45 EC or 30 EC* and individually determined Pre-Master's programmes. The overview below shows:
 - which NVAO-accredited HBO diploma grants access to the MSc Industrial Engineering and Management after completion of the Pre-Master;
 - the content and student workload for these fixed programmes.

- a. Bachelor Mechanical Engineering/Werktuigbouwkunde (croho 34280)

Semester	Course Title	Course Code	ECTS
1	Design of Complex Systems	WBIE059-10	10
1a	Operations Research	WBIE007-05	5
1b	Linear Algebra (for IEM)	WBIE009-05	5
1b	Organizational Behaviour and Group Dynamics	WBIE012-05	5
2a	Calculus 2 (for IEM)	WBIE017-05	5
2a	Production Techniques	WBIE040-05	5
2a	Signals and Systems	WBIE030-05	5
2b	Control Engineering	WBIE034-05	5
Total			45

- Starting date 1 September

- b. Bachelor Chemical Engineering/Chemische Technologie (croho 34275)

Semester	Course Title	Course Code	ECTS
1	Design of Complex Systems	WBIE059-10	10
1a	Operations Research	WBIE007-05	5
1b	Linear Algebra (for IEM)	WBIE009-05	5
1b	Organizational Behaviour and Group Dynamics	WBIE012-05	5
2a	Calculus 2 (for IEM)	WBIE017-05	5
2a	Technical Thermodynamics (IEM)	WWBIE031-05	5
2b	Applied Transport Phenomena for Sustainable Processes	WBIE058-05	5
2b	Process Design and Equipment	WBIE039-05	5
Total			45

- Starting date 1 September

2. For programmes not listed above, the Board of Admissions decides:
 - a. The content and the student workload of a tailor-made Pre-Master's programme.
 - or
 - b. Admission is not accepted.

The starting dates of the tailor-made programmes can be either 1 September or 1 February, depending on the selection of courses.