

Overview of the study Industrial Engineering and Management at the University of Groningen.

There are multiple clickable links in this sheet which redirect you to university website.

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Established in January 2017

Master

Required:
 45 ECTS from 1st
 master year

Research Methodology (5 ECTS)
 Research Project (30 ECTS)
 Design Project (25 ECTS)

2nd year

Master

Chemical Engineering (CE)

Chemical product & process technology
 Biobased chemicals

Directed by Francesco Picchioni

Bio-Technology (BT)

Food and pharma products
 Bio-process technology
 Biocatalysis and bioconversion

Directed by Marc van de Maarel

Smart systems in Control and Automation (SSCA)

Design hybrid dynamical systems and
 control complex networks

Director: Bayu Jayawardhana

Advanced Production Engineering (APE)

Advanced materials, manufacturing processes and
 quality control

Director: Yutao Pei

Production Engineering Logistics (PLE)

Design, planning & control of manufacturing
 systems. Costs, asset life cycle analysis

Director: Durk-Jouke van der Zee

1st year

Bachelor

Product & Process Technology (PPT)

12 PPT-related courses
 Chemistry
 Chemical Engineering
 Thermodynamics

Production Technology & Logistics (PTL)

12 PTL-related courses
 Control Systems
 Mechatronics
 Manufacturing Science

2nd & 3rd year

9 Mutual IEM Courses

Propaedeutic Exam

Required:
 45 ECTS in 1st year

First year study IEM
 60 ECTS

IEM-orienting courses
 1 technological- and 1 business-related course
 per course block

1st year