



## **Bachelor in Total Plant Management**

**Standard Period of Studies: 36 months**

**ECTS Credits: 180**

The Bachelor in Total Plant Management prepares students for qualified roles in the management of factories and production plants. The Bachelor programme delivers both profound management and leadership skills. In addition, the modules offer deep learning with reference to technology and engineering.

The synergetic combination makes the Bachelor in Total Plant Management a highly knowledgeable and specialised member of staff, who can contribute effective values in various functions of a factory or production plant. Oversight and the ability to manage a variety of complex organisational challenges make the Bachelor in Total Plant Management an attractive candidate for respective roles on national and international job markets. In addition, the Bachelor programme can be extended to obtain the official personal ISO 17024 Certification without prolongation of the standard period of studies.

### **Modules of the Bachelor in Total Plant Management:**

1. *Year 1*
  - i. External and Internal Organisational Communication
  - ii. Fundamentals of Economics I
  - iii. Fundamentals of Natural Sciences I
  - iv. Fundamentals of Economics II
  - v. Fundamentals of Natural Sciences II
  - vi. Principles of Maintenance
  - vii. Scientific Work
  - viii. Project Management
2. *Year 2*
  - i. Engineering Design
  - ii. Quality Management and Controlling for Maintenance
  - iii. Process and Manufacturing Technology
  - iv. Principles of Marketing
  - v. Business Organisation
  - vi. Research Methods
  - vii. Human Resource Management
  - viii. Housing and Facility Technology
3. *Year 3*
  - i. Maintenance Management
  - ii. Mechatronics
  - iii. Efficiency Engineering



iv. Bachelor Dissertation

4. *Optional Year 4*  
(240 ECTS credit model of delivery)  
(internships can equally take place as  
year 3 of studies)

- i. Internship of 12 months or
- ii. Two internships of 6 months each