

# Curriculum 4 years Bachelor Electrical and Electronic Engineering (EEE)

## Propedeuse

Quarter 11 september    Quarter 12    Quarter 13 february    Quarter 14

Network-analysis A    Network-analysis B    Network-analysis C

Analog Electronics 1    Analog Electronics 2

Social skills & communication

Project Introd Electro    Project Measure 1    Design & Realisation  
Pr. Measure 2

Digital Techniques 1    Digital Techniques 2    Microprocessors

Programming 1    Programming 2

Algebraic Abilities    Vector- & matrix calculation    Differentiation & Integration    Diff. eq. Laplace-transform

Physics

## MINOR

Quarter 21 september    Quarter 22    Quarter 23 february    Quarter 24    Quarter 31 september    Quarter 32    Quarter 33 february    Quarter 34    Quarter 41 September    Quarter 42    Quarter 43 February    Quarter 44

Accountancy and Preparation internship

Power electronics    **Advanced Power**    **Power Systems Analysis**    **Power Systems Engineering**

Analog Filters    Elektromagnetic Compatibility    Systems Control 1    Systems Control 2

Project Realisation    Project Simulation    Project Integration A    Project Integration B

**Programmable Logic Circuits PLC**    **Electrical Drive Techniques**    **Industrial Networks**

**Advanced Micro**    **Data Networks**    **System Design**    **Interface Techniques**

Visual C    **High Definition Language**

Fourier-analysis    Digital Signal Processing

Telecom

**Sensors Mechatronics**

Internship  
First contact in the practical field  
  
20 weeks in company  
Student finds company  
Assignment by company  
  
Company coach & University coach

**Specialisation Electrical Power and Automation**

**Specialisation Electrical Information Engineering**

Minor  
To be filled in by student  
Student can choose one of these subject  
  
Technical Automation  
or  
Sustainable Energy  
or  
Technology and Care  
or  
Electrical Engineering System Project (EESP)  
or  
Extra internship

Final Thesis  
Prove of bachelor level in practical field  
  
20 weeks in company  
Student finds company  
Assignment by company  
  
Company coach & University coach