### Master in Industrial Mechanical Engineering

#### SEMESTER I
- **Common Knowledge**
  - Computational Mechanical Design
  - Reverse Engineering and Rapid Prototyping
  - Advanced Manufacturing Technologies and Systems
  - Automatic Control
  - Functional Mechanical Design

#### SEMESTER II
- **Common Knowledge**
  - Mechatronics and Robotics
  - Digital Manufacturing and Simulation
  - Thermo-Mechanical Measurements
  - Digital Factory and Industrial Maintenance
  - Project Management
  - Process and Technology Management

#### SEMESTER III
- **Specific Knowledge**
  - Computational Thermo-Fluid Dynamics (CTFD)
  - Programmable Controllers for Industrial Automation
  - Management Control and Business Planning
  - Logistics Strategies and Methods at OvGU
  - Supply Chain Practice / ERP at OvGU
  - Business Decision Making at OvGU
  - Elective
  - Elective
  - Elective

#### SEMESTER IV
- **Specific Knowledge**
  - Study Project
  - Study Project
  - Study Project

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**Master thesis**