Master Electrical Engineering at University of Applied Sciences Kempten/Germany

### 1. M.Eng. Electrical Engineering at the University of Kempten

- **Advanced Control Systems**: 4 SWS, 5 CP
- **Electrical Drive Systems**: 4 SWS, 5 CP
- **Microelectronics**: 4 SWS, 5 CP
- **Telecommunication Systems**: 4 SWS, 5 CP
- **Power Electronics**: 4 SWS, 5 CP
- **Scientific Project with Seminar**: 4 SWS, 5 CP

### 2. M.Eng. Electronic Engineering at the University of Ulster (UUJ)

- **Digital Signal Processing**: 4 SWS, 5 CP

### 3. Master Thesis

- **25 CP**

### Seminar

- **5 CP**

### Assessment:

- Documentation, Presentation

### 6 Assessments:

- Exam., Coursework
- 30 CP (ECTS)

## Elective Modules:

- (each 4 SWS, 5 CP, total 20 SWS, 25 CP)

### 6 Assessments:

- Exam., Coursework
- 30 CP (ECTS)

### Abbreviations:

- **SWS** = Hours per Week and Semester
- **CP** = Credit Points, ECTS
- **SS** = Summer Semester
- **WS** = Winter Semester
**Master Course (M.Eng.) Electrical Engineering at the University of Applied Sciences Kempten/Germany**

### 1. Semester:
- **Advanced Control Systems**: 4 SWS, 5 CP
- **Electrical Drive Systems**: 4 SWS, 5 CP
- **Microelectronics**: 4 SWS, 5 CP
- **Telecommunication Systems**: 4 SWS, 5 CP
- **Power Electronics**: 4 SWS, 5 CP

### 2. Semester:
- **Digital Signal Processing**: 4 SWS, 5 CP
- **5 Elective Modules**: each 4 SWS, total 20 SWS (each 5 CP, total 25 CP)

### 3. Semester:
- **Master Thesis**: 25 CP
- **Master Thesis Seminar**: 5 CP

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