

In the **Department of Electrical Engineering, Mechanical Engineering and Technical Journalism (EMT)** more than seventy professors and research assistants work together in order to teach, research and above all to provide our more than 1,500 students with qualified education. The faculty offers eight study programs. Research focuses on current areas of communication technology, wireless sensor networks, environmental protection, product development and mechatronic systems.

Course overview winter term 2022/2023*:

| Sankt Augustin | Level | Credits | Lecturer |
|------------------------------------|--------------|----------------|-----------------|
| Scientific Programming with Python | Bachelor | 6 | Kirschner |
| Industrial Robotics/ Automation | Bachelor | 5 | Bastert |
| Journalism and PR digital I | Bachelor | 5 | Keil |
| Innovative Materials Technology | Master | 2.5 | Thomser |
| Networked Systems | Master | 6 | Valenzuela |
| Sector Coupling | Master | 3 | Clees |
| Energy 4.0 | Master | 3 | Clees |

Overview of German lectures with self-study material in English winter term 2022/2023*:

| Sankt Augustin | Level | Credits | Lecturer |
|--------------------------------------|--------------|----------------|-----------------|
| Electronics | Bachelor | 5 | Lange |
| Engineering Mechanics 1 | Bachelor | 5 | Iris Groß |
| Object Oriented design and modelling | Master | 3 | Rothe |
| Life Cycle Assessment | Master | 3 | Meilinger |
| Rapid Control Prototyping | Master | 3 | Chakirov |

Please note that it may also be possible to arrange an internship or to write your final thesis at the department. Contact us for more details.

For further information, please have a look at:
<https://www.h-brs.de/en/emt>

**Subject to change*