

**A general word of advice: Less is more! If you were admitted with conditional subjects, consider just concentrating on these subjects in your first semester. There is no minimum amount of credits that you have to acquire per semester and once you have cleared your conditions (for which you have a non-extendable one-year deadline) and are studying regularly, it will be no problem to extend your duration of studies to a 5<sup>th</sup> or 6<sup>th</sup> semester if needed.**

- **Probability and stochastic processes (conditional subject, if applicable; can be used by all students in module group M8/Free Choice Uni, if desired)**
  - 5 ECTS credits
  - Lecturer: Dr. Giovanni Fantuzzi
  - Modality: videos and materials for self-study as well as option to interact with the lecturer/tutors online via StudOn
  - Access via StudOn (FAU's e-learning platform):  
[https://www.studon.fau.de/crs4939593\\_join.html](https://www.studon.fau.de/crs4939593_join.html)
  - Exam takes place on-site in Erlangen (students' presence is required from July).
  
- **Algorithms, programming, and data representation (conditional subject, if applicable; can be used by all students in module group M8/Free Choice Uni, if desired)**
  - 5 ECTS credits
  - Lecturer: Prof. Bernhard Kainz
  - Modality: video recordings and self-study with online materials, no interaction with lecturer or tutors
  - Videos on FAU.tv (FAU's video platform): <https://www.fau.tv/course/id/3269>
  - Access via StudOn (FAU's e-learning platform):  
[https://www.studon.fau.de/crs4309035\\_join.html](https://www.studon.fau.de/crs4309035_join.html)
  - Online exam
  
- **Fundamentals of Electrical Engineering (conditional subject, if applicable; can be used by all students in module group M8/Free Choice Uni, if desired)**
  - 5 ECTS credits
  - Lecturer: Prof. Ralf Müller
  - Modality: self-study with online materials, interaction with the lecturer/tutors via StudOn
  - Access via StudOn: [https://www.studon.fau.de/crs4942226\\_join.html](https://www.studon.fau.de/crs4942226_join.html)
  - Exam takes place on-site in Erlangen (students' presence is required from July).
  
- **Dynamical Systems and Control (conditional subject, if applicable; can be used by all students in module group M8/Free Choice Uni if desired)**
  - 5 ECTS credits
  - Lecturers: Prof. Knut Graichen, Prof. Andreas Völz
  - Modality: self-study with online materials and video recordings, interaction with lecturer/tutors via StudOn
  - Access via StudOn: [https://www.studon.fau.de/crs4942019\\_join.html](https://www.studon.fau.de/crs4942019_join.html)
  - Exam takes place on-site in Erlangen (students' presence is required from July).

- **Pattern Recognition (module group M2 of the branch of study “Medical Image and Data Processing”; for the branch of study “Medical Robotics”, this course can be used in module group M7 or M8)**
  - 5 ECTS credits
  - Lecturer: Prof. Andreas Maier
  - Modality: self-study with video recordings and online materials, no interaction with lecturer/tutors
  - Course materials available in StudOn (FAU’s e-learning platform): [https://www.studon.fau.de/crs4624309\\_join.html](https://www.studon.fau.de/crs4624309_join.html)
  - Videos on FAU.tv (FAU’s video platform): <https://www.fau.tv/course/id/1579>
  - Exam takes place on-site in Erlangen (students’ presence is required from July).
  
- **Fundamentals in Anatomy and Physiology for Engineers (module group M1)**
  - 5 ECTS credits
  - Lecturer: Dr. Benedikt Kleinsasser
  - Materials for self-study and option to interact with the lecturer online
  - Course materials available in StudOn: [https://www.studon.fau.de/studon/goto.php?target=crs\\_4995419](https://www.studon.fau.de/studon/goto.php?target=crs_4995419)
  - Online exam
  
- **Diagnostic Medical Image Processing (module group M3 of the branch of study “Medical Image and Data Processing”; for the branch of study “Medical Robotics”, this course can be used in module group M7 or M8)**
  - 5 ECTS credits
  - Lecturer: Prof. Andreas Maier
  - Modality: online course offered by the Virtual University Bavaria (VHB = Bavarian e-learning platform) → type “Medical Image Processing for Diagnostic Applications” in “Find a course” at <https://www.vhb.org/en/>
  - **Please register at VHB with the study program “Gesundheitstechnik”!**
  - Exam takes place on-site in Erlangen (students’ presence is required from July).
  
- **Interventional Medical Image Processing (module group M3 of the branch of study “Medical Image and Data Processing”; for the branch of study “Medical Robotics”, this course can be used in module group M7 or M8)**
  - 5 ECTS credits
  - Lecturer: Prof. Andreas Maier
  - Modality: online course offered by the Virtual University Bavaria (VHB = Bavarian e-learning platform) → type “Medical Image Processing for Interventional Applications” in “Find a course” at <https://www.vhb.org/en/>
  - **Please register at VHB with the study program “Gesundheitstechnik”!**
  - Exam takes place on-site in Erlangen (students’ presence is required from July).
  
- **Rehabilitation and Assistive Robotics (module group M3 for the branch of study “Medical Robotics”; for the branch of study “Medical Image and Data Processing”, this course can be used for module group M7 or M8)**
  - 5 ECTS credits
  - Lecturer: Prof. Claudio Castellini
  - Modality: materials for self-study and video recordings, option to interact with the lecturer/tutors in StudOn

- Access via StudOn (FAU's e-learning platform):  
[https://www.studon.fau.de/crs4942481\\_join.html](https://www.studon.fau.de/crs4942481_join.html)
- Exam takes place on-site in Erlangen (students' presence is required from July).
- **Online German beginners' courses for students of Medical Engineering, Computational Engineering and Artificial Intelligence**
  - 7,5 ECTS credits
  - Lecturers of FAU's language center
  - Modality: Blended Learning, i.e. partly self-study with online materials, partly live zoom sessions with the teacher (active self-studying and regular attendance mandatory, or else you will be excluded from the course)
  - Online exam
  - **Registration required! Registration possible until April 19<sup>th</sup>, 6 pm (CEST), via StudOn:** [https://www.studon.fau.de/crs4961111\\_join.html](https://www.studon.fau.de/crs4961111_join.html)

### Important resources:

Technical problems with VHB platform: [technik@vhb.org](mailto:technik@vhb.org)

Technical problems with StudOn: [studon@fau.de](mailto:studon@fau.de)

Technical problems with Campo: [campo@fau.de](mailto:campo@fau.de)

Course-related questions: Please ask in the online forum of your course!

In urgent, important cases you can look up the contact details of your lecturer in <http://www.univis.fau.de/>

search:  ▼ ▶