# Structure Master's Program Medical Engineering

**Branch of Study: Medical Image and Data Processing (English)**

Modules to choose from include:

- Pattern Recognition
- Pattern Analysis
- Diagnostic Medical Image Processing
- Interventional Medical Image Processing
- Biomedical Signal Analysis
- Human Computer Interaction…

…any many more.

**Academic Laboratory & Research Laboratory**

**10 ECTS credits**

**Master's Exam**

**(exams taken during studies: 80 ECTS credits)**

**Master's Thesis**

**Duration: 6 Months/30 ECTS credits**

**Master of Science (M.Sc.)**

**120 ECTS credits**

# Structure Master's Program Medical Engineering

**Branch of Study: Health and Medical Data Analytics & Entrepreneurship (English)**

Modules to choose from include:

- Pattern Recognition
- Pattern Analysis
- Becoming an Innovative Engineer
- Innovation and Leadership…

…and many more.

**Academic Laboratory & Research Laboratory**

**10 ECTS credits**

**Master's Exam**

**(exams taken during studies: 80 ECTS credits)**

**Master's Thesis**

**Duration: 6 Months/30 ECTS credits**

**Master of Science (M.Sc.)**

**120 ECTS credits**

# Structure Master's Program Medical Engineering

**Branch of Study: Medical Robotics (English)**

Modules to choose from include:

- Robotics
- Robot Mechanisms and User Interfaces
- Rehabilitation and Assistive Robotics
- Cognitive Neuroscience for AI developers…

… and many more.

**Academic Laboratory & Research Laboratory**

**10 ECTS credits**

**Master's Exam**

**(exams taken during studies: 80 ECTS credits)**

**Master's Thesis**

**Duration: 6 Months/30 ECTS credits**

**Master of Science (M.Sc.)**

**120 ECTS credits**