

Master Medical Microtechnology (SPO 21)

Joint Program - Overview of Courses



UNIVERSITÄT ZU LÜBECK



1st Semester, 30 ECTS	2nd Semester, 30 ECTS	3rd Semester, 30 ECTS	4th Semester, 30 ECTS
System Theory (6 ECTS) Signal and Systems (3 ECTS) Numerical Methods (3 ECTS)	Cleanroom Microfabrication (5 ECTS)	Research Internship (24 ECTS)	Master Thesis (26 ECTS)
Programming Workshop (4 ECTS)	Computational Multi-Physics (10 ECTS)		
Medicine (8 ECTS) Anatomy and Physiology (4 ECTS) Microbiology and Hygiene (4 ECTS)	Optics for Engineers (5 ECTS)		
Natural Science (4 ECTS) Biomechanics (2 ECTS) Biophysics (2 ECTS)	Clinical Applications/Regulatory Affairs (5 ECTS)		
Medical Technology (8 ECTS) Medical Technology (6 ECTS) Medical Technology - Lab (2 ECTS)	Electives – 5 ECTS each		
	Summer School	Student Conference (6 ECTS)	Final Examination (4 ECTS)
	Microtechnology and Device Fabrication		
	Experimental Optical Spectroscopy		

- Lübeck
- Sonderborg
- programme region (preferred)