

# Mechatronics

Focus Coordinator: Prof. Bradley Nelson

Compulsory Course	LE-Nr.	ETCS HS 16	ETCS FS 16
Studies on Mechatronics	151-0640-00	5	5

Elective Courses	LE-Nr.	ETCS HS 16	ETCS FS 16
Microscale Acoustofluidics	151-0509-00	4	
Signals and Systems	151-0575-01	4	
Microrobotics	151-0604-00*	4	
Microsystems Technology	151-0621-00	6	
Leistungselektronik	227-0113-00	6	
Electrical Drive Systems II	227-0517-00	6	
Physical Human Robot Interaction (pHRI)	376-1504-00	4	
Energy Systems and Power Engineering	151-0206-00		4
Nicht-glatte Dynamik	151-0516-00		5
Experimentelle Mechanik	151-0540-00		4
Nanorobotics	151-0630-00		4
Introduction to Robotics and Mechatronics	151-0641-00		4
Ölhydraulik und Pneumatik	151-1224-00		4
Embedded Systems	227-0124-00		6
Elektrische Antriebssysteme I	227-0516-01		6

\* This course does not take place in HS16.