

<b>Bachelor</b>					as of August 2017
Title of module	Code	Sem.	Learning and teaching methods	ECTS	Module convenor
<b>Biomedical Engineering</b>					
Intensive Programme "Engineering Visions"	BMT553	3	2PA+1S	4	Prof. Dr. Martin Lommer-Mang
Bachelor-Thesis	BMT1702	7	24P	12	Profs.
Bachelor-Colloquium	BMT1703	7	-	3	Profs.
<b>Mechatronics and Sensor Technology</b>					
Ray stracing simulation methods I	MST.RAY	-	2V+2U	5	Prof. Dr.-Ing. Barbara Hippauf
Optical sensors	MST.OPS	-	1V+3PA	5	Prof. Dr. Martin Lommer-Mang
New technology for the 21 st. Century, nanotechnology	MST.TJH	-	2	2	Prof. Dr.-Ing. Barbara Hippauf
Bachelor Thesis	MST.BAT	7	-	12	Profs.
Bachelor-Colloquium	MST.BAK	7	-	3	Profs.
<b>Computer Science and Communication Systems</b>					
Implementation	KI628	6	1PA+1S	3	Prof. Dr. Martina Lehser
Industrial Ecology	KI671	6	4V	5	Prof. Steven Frysinger
Bachelor-Colloquium	KI694	6	-	3	Profs.
Bachelor Thesis	KI695	6	-	12	Profs.
Intensive Programme "Engineering Visions"	KI606	4	2PA+1S	4	Prof. Dr. Martin Lommer-Mang
Game Engine Workflow and Techniques	KI609	6	2V+2P	5	Prof. Dr.-Ing. André Miede
Game Design and Development	KI598	-	2V+2P	3	Prof. Dr.-Ing. André Miede
Future Internet: Software Defined Networking	KI596	5	4V	4	Prof. Dr. Damian Weber
Seminar - Computer Science and Society	KI610	6	2S	3	Prof. Dr.-Ing. André Miede
Distributed Systems 1	KI410	4	2V+2P	4	Prof. Dr. Markus Esch
Information Retrieval	KI584	5	2V+2PA	5	Prof. Dr. Klaus Berberich
Machine Learning	KI575	6	2V+2U	5	Prof. Dr. Klaus Berberich
<b>Mechanical and Process Engineering</b>					
Intensive Programme "Engineering Visions"	MAB.4.2.1.2	3	2PA+1S	4	Prof. Dr. Martin Lommer-Mang
international Projectweek	MAB.4.2.1.1	3	2PA	2	Prof. Dr. Walter Calles
Industrial Ecology	MAB.4.2.6.4	6	4V	5	Prof. Steven Frysinger
Bachelor Thesis/Colloquium	MAB.6.2.BTH	6	-	12	Profs.
<b>Applied Informatics</b>					
Intensive Programme "Engineering Visions"	PIBWN68	4	2PA+1S	4	Prof. Dr. Martin Lommer-Mang
Implementation	PIBWN58	6	1PA+1S	3	Prof. Dr. Martina Lehser
Industrial Ecology	PIBWN11	6	4V	5	Prof. Steven Frysinger
international Projectweek	PIBWN18	5	2PA	2	Prof. Dr. Walter Calles
Bachelor-Thesis	PIB690	6	-	12	Profs.
Bachelor-Colloquium	PIB691	6	-	3	Profs.
Game Engine Workflow and Techniques	PIBWI38	6	2V+2P	5	Prof. Dr.-Ing. André Miede
Game Design and Development	PIBWI43	5	2V+2P	5	Prof. Dr.-Ing. André Miede
Future Internet: Software Defined Networking	PIBWI44	5	4V	4	Prof. Dr. Damian Weber
Seminar - Computer Science and Society	PIBWN44	6	2S	3	Prof. Dr.-Ing. André Miede
Project Work	PIB440	4	4PA+2S	10	Profs.
Information Retrieval	PIBWI29	5	2V+2PA	5	Prof. Dr. Klaus Berberich
Machine Learning	PIBWI19	6	2V+2U	5	Prof. Dr. Klaus Berberich
<b>Automotive Engineering</b>					
Engineering Project in English	FT30		4	7	Tiemann

Master					as of August 2017
Title of module	Code	Sem.	Learning and teaching methods	ECTS	Module convenor
<b>Biomedical Engineering</b>					
Biomaterials I + II	BMT1830	-	2V+2P	4	Prof. Dr. Dr. Daniel Strauß
Manufacturing of active implants	BMT1821	1	2V	3	Prof. Dr. Klaus-Peter Hoffmann
Neuroprotheses	BMT1923	2	2V+3P	5	Prof. Dr. Klaus-Peter Hoffmann
Clinical Neurophysiology	BMT1924	-	2V+2P	5	Prof. Dr. Klaus-Peter Hoffmann
Biomedical Signal and Image Processing	BMT1822	1	3V+2P	6	Prof. Dr. Dr. Daniel Strauß
Neural and cognitive Systems	BMT1825	-	3V+2P	6	Prof. Dr. Dr. Daniel Strauß
Neural Signal Analysis and Modelling	BMT1922	-	2V+3P	6	Prof. Dr. Dr. Daniel Strauß
Auditory Processing and Perception	BMT1824	1	2V+3P	6	Prof. Dr. Dr. Daniel Strauß
Bioelementry	BMT1931	-	2V+2PA	5	Prof. Dr. Oliver Scholz
Master-Thesis	BMT11001	3	-	30	Profs.
Intership / Project Work	BMT1921	2	24	12	Profs.
<b>Mechatronics and Sensor Technology</b>					
Design of Experiments	MST.DOE	-	2PA	3	Prof. Dr. Martin Lomer-Mann
Successful Professional Effectivity	MST.SPE	-	2PA	3	Prof. Dr. Martin Lomer-Mann
Master-Thesis/Colloquium	MST.MAT	3	-	30	Profs.
<b>Computer Science and Communication Systems</b>					
Master Thesis / Colloquium	KI1000	4	-	30	Profs.
Intelligent Networks	KI875	1	2V	3	Prof. Dr. Horst Wieker
Implementation	KI863	2	1PA+1S	3	Prof. Dr. Martina Lehser
Human Factors	KI875	2	4V	5	Prof. Steven Frysinger
Methods Statistical Data Confidentiality	KI867	2	2V+2P	5	NN
Recent Developments in Data Privacy	KI756	1	2S	3	NN
Future Internet: Experimental Networks and Software Defined Networking	KI759	1	4V	5	Prof. Dr. Damian Weber
Internship	KI900	3	-	20	Profs.
<b>Engineering and Management</b>					
Intercultural Experience	MAMI.2.1.1.1	1	2PA	2	Prof. Dr. Walter Calles
Failure Analysis	MAMI.2.1.2.1	1	1V	2	Prof. Dr. Walter Calles
Human Factors	MAM.2.2.6	2	4V	5	Prof. Steven Frysinger
Leadership	MAMI.3.1.1.M	3	3V+2PA	6	Prof. Dr. Ralf Oetinger
Design of Experiments	MAM.2.1.1.9	2	2PA	3	Prof. Dr. Martin Lomer-Mann
<b>Applied Informatics</b>					
Implementation	PIM-WN21	2	1PA+1S	3	Prof. Dr. Martina Lehser
Master-Thesis / Colloquium	PIM-MT	4	-	30	Profs.
Methods Statistical Data Confidentiality	PIM-WI63	2	2V+2P	5	NN
Recent Developments in Data Privacy	PIM-WI66	1	2S	3	NN
Future Internet: Experimental Networks and Software Defined Networking	PIM-WI68	1	4V	5	Prof. Dr. Damian Weber
Human Factors	PIM-WN16	2	4V	5	Prof. Steven Frysinger
Intership / Project Work	PIM-PA	3	-	10	Profs.