

Overview of Bachelor modules in English

Division/Module	ECTS	Semester Full time	Semester Part time	Semester occupational	Description	First quarter	Second quarter
Automotive Engineering							
BTA3111-61	3	5			6 different Engineering Projects		
BTA3212-62	4	6			6 different Engineering Projects		
BTA3510-60	12	6			Thesis		
Electrical and Communication Engineering							
BTE5034					Digital Signal Processing		
BTE5511	6	5		7	Project Management und System Engineering		
BTE5520	4	6		8	Engineering Project		
BTE5530	12	6		9	Thesis		
Micro- and Medicaltechnology							
BTF5420	5	5	7		Robotics I		
BTF5440	4	5	7		Robotics Lab		
BTF6420	4	6	8		Robotics II		
BTF5493	2	5	7		Medical image processing with MATLAB		
BTF6510	4	6	8		Engineering Project		
BTF6540	12	6	8		Thesis		
Medical Informatics							
BTX8201	6	4	6		Project / Living Case I		
BTX8202	6	5	8		Project / Living Case II		
BTX8112	2	4	6		Seminar II		
BTX8113	4	5	7		Seminar III		
BTX8221	12	6	9		Thesis		
Computer Science							
BTI7071	4	3	3	5	Telematics		
BTI7072	4	4	4	6	Network Design and Services		
BTI7542	2	3	4	5	Modern Linux		
BTI7269	3	6	7	8	Disk Forensik integrated in module BTI7263		
BTI7267	3	6	7	8	Penetration of Web Sites integrated in module BTI7263		
BTI7301	8	4	4	5	Informatics Project 1		
BTI7302	4	5	7	8	Informatics Project 2		
BTI7311	4	5	7	8	Informatics Seminar		
BTI7321	12	6	8	9	Thesis		
Mechanical Engineering							
BTM4001	6	5	9		Engineering Project 1		
BTM4020	12	6	9		Thesis		
Mathematics, Natural Sciences and Humanities							
BZG1308	2	4	5		Matlab/Octave applications		
Industrial Engineering and Management Science							
BZG1192	6	4	4		Statistics for Industrial Engineering and Management Science		
BTW1301	4	3	3		Strategic and Innovation Management	Strategic management	2 Innovation management
BTW3303	6	3	5		Actors, Sensors and Wireless Applications	Actors and Sensors	3 Wireless Applications
BTW3501	4	5	8		Integration Seminar		
BTW6502	4	5	7		Business Lab 1		
BTW6503	4	5	7		Business Lab 2		
BTW1401	4	4	4		Logistics and Supply Chain		
BTW1402	4	4	4		Organization and Change Management	Organization	2 Change Management
BTW2401	4	4	6		Data Science and Visualization		
BTW2402	6	4	6		Internet of Thing Design and Embedded Systems	Internet of Things	3 Embedded Systems
BTW5402	2	4	6		Negotiation and Conflict Management		
BZG3430	2	3	3		English for Project Managers		
BTW5403	2	4	4		Project Management advanced		
BTW6699	12	6	9		Bachelor Thesis		
BTW1501	4	5			Micro- und Makroökonomie		
BTW1502	2	5			Business Simulation		
BTW2501	6	5			Business Intelligence, IT Security and Safety	Business Intelligence	3 IT Security and Saftey
BTW6501	6	5			Digital Business Models		
BTW6601	6	6			Lifecycle Management and ERP Systems	Lifecycle Management	3 ERP
BTW6602	6	6			Management of Complex Systems	Management of Complex Systems 1	3 Management of Complex Systems 2
BTW6551	6	5			Automation and Robotics	Automation	3 Robotics
BTW6552	4	5			Industry Lab 1		
BTW6553	4	5			Industry Lab 2		
BTW6651	6	6			Complex Production Systems		
BTW6652	6	6			Manufacturing Technologies		
BTW2301	6	3			Computational Modelling	Computational Modelling 1	3 Computational Modelling 2
BTW5302	2	3			Team- and Cross-Cultural Management		
BTW1101	2	1			Entrepreneurship		