

BACHELOR & MASTER COURSE LIST

FOR EXCHANGE STUDENTS AT BTECH SPRING 2024

BACHELOR COURSES				
BSc Economics and Business Administration (<i>BScB</i>)				
Course number	Title	Semester	ECTS	Exam
460141U023	Organisational Behaviour	2	10	Oral exam
Prereq.	n/a			
460141U022	Business Statistics	2	5	Home assignment
Prereq.	n/a			
460231U004	Human Behaviour Project	2	5	Home assignment + oral exam
Prereq.	n/a			
460151U037	Marketing Management	2 & 4	10	Home assignment + oral exam
Prereq.	n/a			
460151U038	Finance	4	10	Written (4 hours)
Prereq.	Mathematics, Business Statistics, Quantitative Research Methods			
460151U039	Operations Management	4	10	Written (4 hours)
Prereq.	n/a			
460161U084	International Business Law	6	5	Written (3 hours)
Prereq.	n/a			
460161U078	Philosophy of Science	6	5	Home assignment
Prereq.	Quantitative Research Methods and Qualitative Methods			

BSc Business Development Engineering (<i>BDE</i>)				
Course number	Title	Semester	ECTS	Exam
48019PU021	Business Development Engineering Project for Exchange Students (20 ECTS)	n/a	20	Home assignment + oral exam
Prereq.				
48019PU022	Business Development Engineering Project for Exchange Students (30 ECTS)	n/a	30	Home assignment + oral exam
Prereq.				
48023PU003	Business Development with Information Systems	4	5	Home assignment + oral exam
Prereq.	See course description			
ELECTIVES				
48020PU018	Advanced Web Development – NOT RUNNING!	n/a	10	Home assignment + oral exam
Prereq.	Good working knowledge of HTML, CSS, MySQL, PHP and JavaScript			
48019PU027	Innovative Business Development	n/a	10	Home assignment + oral exam
Prereq.				

BSc Global Management and Manufacturing (<i>GMM</i>)				
Course number	Title	Semester	ECTS	Exam
ELECTIVES				
48221PU002	Sustainability, Principles and Practices – NOT RUNNING!	n/a	5	Home assignment + oral exam
Prereq.	n/a			
48216PU004	Individual Technology Project	n/a	5	Home assignment + oral exam
Prereq.	n/a. Please note that the course is self-study with an appointed supervisor			
48218PU001	Individual Technology Project (experimental)	n/a	10	Home assignment + oral exam
Prereq.	n/a. Please note that the course is self-study with an appointed supervisor and with field or workshop activities			
48221PU003	Introduction to Additive Manufacturing with 3D print	n/a	5	Home assignment
Prereq.	Check the course description for prior 3D skills			
48221PU005	Innovative Management	n/a	10	Home assignment +

Prereq.	n/a			oral exam
48222PU001	Digital Business Stragety	n/a	10	Home assignment + oral exam
Prereq.	Recommended: prior knowledge of Industrial Accounting and Economy			

MASTER COURSES				
MSc Engineering - Technology Based Business Development (Cand.polyt.)				
Course number	Title	Semester	ECTS	Exam
480192U006	Technology Specialisation 1	1/2	10	Home assignment + oral exam
Prereq.	Bachelor in engineering			
480142U066	Technological Business Model Innovation	1/2	10	Home assignment + oral exam
Prereq.	Bachelor in engineering			
480232U001	Digital Back-End Solutions	1/2	10	Home assignment + oral exam
Prereq.	Bachelor in engineering			
480232U002	Energy Demand and Consumption	1/2	10	Home assignment + oral exam
Prereq.	Bachelor in engineering			
480142U065	Optimisation of Engineering Processes Using Numeri	1/2	10	Home assignment + oral exam
Prereq.	Bachelor in engineering			
ELECTIVES				
480222U001	Analytics, Data Resources and Decision Making	3	10	Home assignment
Prereq.	See course description for recommendations			
480172U004	Engineering Project Management	3	10	Home assignment + oral exam
Prereq.	n/a			
480222U010	Sustainability in Engineering and Operations	3	10	Home assignment + oral exam
Prereq.	Bachelor in engineering			
480212U001	Trends and Research in Operations and Supply - NOT RUNNING!	3	10	Home assignment + oral exam
Prereq.	Recommended: Basic understanding of operations management			
480192U005	Machine Learning Fundamentals and Applications	3	10	Home assignment +

Prereq.	n/a	oral exam
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