

BACHELOR & MASTER COURSE LIST FOR EXCHANGE STUDENTS AT BTECH SPRING 2025

BACHELOR COURSES

BSc Economics and Business Administration (*BScB*)

Course number	Title	Semester	ECTS	Exam
460151U037	Marketing Management	2	10	Home assignment + oral exam
Prereq.	n/a			
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.	See course description			
460151U010	Macroeconomics	4	10	Written (4 hours)
Prereq.	Business Economics			
460151U011	Industrial Organisation and Strategy	4	10	Written (4 hours)
Prereq.	Business Economics			
460151U009	Business Development with Information Systems	4	5	Home assignment + oral exam
Prereq.	See course description			
460151U008	Qualitative Methods	4	5	Written (4 hours)
Prereq.	Basic understanding of quantitative methods			
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 (*BDE*)

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.				
ELECTIVES				
48020PU018	Advanced Web Development	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 (*GMM*)

Course number	Title	Semester	ECTS	Exam
ELECTIVES				
48222PU001	Digital Business Strategy	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			
480242U001	Digital Enterprise Management Infrastructure Perspective	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			
480242U002	Quantitative Approaches in Engineering and Operations	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			
480192U005	Machine Learning Fundamentals and Applications	3	10	Home assignment + oral exam
Prereq.	n/a			