

(Bc) Programme 6201R009: Economics and Finance (BEF)

Bachelor's Programme 6201R009: Economics and Finance

Academic year 2019/2020

Bachelor in Economics and Finance (BEF) is a three-year study program taught fully in English. It aims to give the student a thorough grounding in both theoretical and applied economics and finance. We put emphasis on developing abstract analytical reasoning, which allows our graduates to solve complex economic and financial problems in various settings. Courses are taught both by core faculty and external professionals from the central bank, commercial banks and business analysts. Our graduates typically assume challenging positions in banking, consulting, investment funds and public administration.

Academic director of the bachelor study program Economics and Finance is **doc. PhDr. Julie Chytilová, Ph.D.**

Total study obligations: 180 credits

A) Compulsory courses (J#0001019): 90 credits

Student must pass all compulsory courses according to the list below.

B) Elective courses (J#0001119): min. 63 credits

C) Optional courses: max. 27 credits

Student must pass compulsory, elective and optional courses to fulfill together the total of 180 credits. What are optional courses? Other courses - than compulsory and elective courses specified for this study program here - taught at the University are regarded as optional courses. As optional courses are also regarded courses taught at other higher education institutions or their parts, or other education or scientific institutions, if so established by an agreement between the faculty or University and that university or institution.

State Exam:

(JBAK01) Bachelor's thesis defence

Compulsory courses J#0001019

<!--dg:select1:0001019:2019:2023:en-->

Code	Course title	Course leader	Semester	Hours per week	Course assessment	ECTS credit points
JEB001	Bachelor's Thesis Seminar I	Chytilová	SS	0/2	Course credit	4
JEB002	Bachelor's Thesis Seminar II	Chytilová	WS/SS	0/2	Course credit	4
JEB101	Principles of Economics I	Janský	WS	2/2	Examination	6
JEB102	Principles of Economics II	Janský	SS	2/2	Examination	6
JEB104	Microeconomics I	Štastná	SS	4/2	Examination	6
JEB105	Statistics	Červinka	WS	4/2	Examination	7
JEB108	Microeconomics II	Chytilová	WS	4/2	Examination	6
JEB109	Econometrics I	Křištofuk	SS	2/2	Examination	6
JEB114	Macroeconomic I	Horvát	WS	2/2	Examination	6

JEB115	Macroeconomic II	Horváth	SS	2/2	Examination	6
JEB120	Financial Economics	Čech	WS	2/2	Examination	6
JEB142	Introductory Statistics	Červinka	SS	1/1	Examination	3
JEB153	Introductory Banking	Pečená	SS	2/2	Examination	6
NMMA711	Mathematics 1		WS	4/4	cc+exam	7
NMMA712	Mathematics 2		SS	4/4	cc+exam	7
NMMA713	Introductory Mathematics		WS	0/2	Course credit	4

Prerequisites, co-requisites, incompatibility, interchangeability for compulsory courses

<!--dg:rekv:0001019:2019:2023:en-->

Code	Course title	Pre-requisite	Co-requisite	Interchangeability	Incompatibility
JEB002	Bachelor's Thesis Seminar II	JEB001			
JEB101	Principles of Economics I			JEB003	JEB003 JPB362
JEB102	Principles of Economics II			JEB004	JEB004 JPB330
JEB104	Microeconomics I	J#R038 JEB003			
JEB105	Statistics	J#R085 JEB142			
JEB108	Microeconomics II	JEB104			
JEB109	Econometrics I	JEB105			
JEB114	Macroeconomics I	JEB102		JEB009	JEB009 JEM177
JEB115	Macroeconomics II	JEB114		JEB010	JEB010 JEM178
JEB142	Introductory Statistics				JEB132
JEB153	Introductory Banking				JEB126
NMMA711	Mathematics 1			JEB118	
NMMA712	Mathematics 2	NMMA711		JEB119	
NMMA713	Introductory Mathematics			JEB122	

Prerequisite JEB003 is interchangeable with JEB101

Prerequisite JEB005 is interchangeable with JEB118

Prerequisite JEB006 is interchangeable with JEB119

Registration to the course JEB104 through supervisor of the course

Registration to the course JEB105 through supervisor of the course

Elective Courses J#0001119

<!--dg:select1:0001119:2019:2023:en-->

Code	Course title	Course leader	Semester	Hours per week	Course assessment	ECTS credit points
JEB016	History of Economic Thought	Cahlík	SS	2/2	Examination	6
JEB020	Economic Policy	Dlouhý Janský	SS	2/0	Examination	5

JEB022	<u>Institutional Economics</u>	<u>Schwarz</u>	WS	2/0	Examination	5
JEB025	<u>Public Finance</u>	<u>Janský</u>	SS	2/0	Examination	5
JEB026	<u>European Economic Integration</u>	<u>Komárek</u>	WS	2/2	Examination	6
JEB039	<u>International Trade</u>	<u>Semerák</u>	WS	2/2	Examination	8
JEB044	<u>Financial Accounting</u>	<u>Novák</u>	WS	2/2	Examination	6
JEB045	<u>Financial Management</u>	<u>Mejstřík</u>	SS	2/2	cc+exam	6
JEB050	<u>International Finance</u>	<u>Semerák</u>	SS	2/0	Examination	5
JEB053	<u>Labour Economics</u>	<u>Mysíková</u>	SS	2/0	Examination	5
JEB064	<u>Game Theory and Applications</u>	<u>Gregor</u>	SS	2/2	Examination	6
JEB103	<u>Comparative Economics</u>	<u>Semerák</u>	SS	2/2	Examination	6
JEB110	<u>Econometrics II</u>	<u>Pertold-Gebicka</u>	WS	2/2	Examination	6
JEB111	<u>Advanced Data Analysis in MS Excel</u>	<u>Polák</u>	WS/SS	0/2	Examination	3
JEB112	<u>Strategic Management</u>	<u>Balcar</u>	SS	2/2	Examination	6
JEB117	<u>Mathematics for Economists</u>	<u>Ba</u>	SS	2/2	Examination	6
JEB129	<u>Fiscal Policy, Public Debt and Sovereign Debt Ratings</u>	<u>Schneider</u>	SS	3/1	macc	2
JEB133	<u>Economic History</u>	<u>Doležalová</u>	SS	2/1	Examination	6
JEB134	<u>Internship</u>	<u>Chytilová</u>	WS/SS	0/4	Course credit	3
JEB135	<u>Economics of Global Business</u>	<u>Semerák</u>	WS	2/2	Examination	6
JEB136	<u>Topics in Industrial Organization</u>	<u>Schwarz</u>	WS	2/0	Examination	3
JEB143	<u>Cambridge Lectures in Economic History</u>	<u>Doležalová</u>	SS	1/1	Examination	5
JEB146	<u>Elementary Chinese for Economists I</u>	<u>Wang</u>	WS	4/0	Examination	3
JEB147	<u>Behavioral Economics</u>	<u>Chytilová Bauer</u>	WS	2/0	Examination	5

JEB148	<u>Bayesian Data Analysis</u>	<u>Křehlík</u>	WS	2/0	Examination	5
JEB149	<u>Elementary Chinese for Economists II</u>	<u>Wang</u>	SS	4/0	Examination	3
JEB150	<u>Intermediate Chinese for Economists I</u>	<u>Wang</u>	WS	4/0	Examination	3
JEB151	<u>Intermediate Chinese for Economists II</u>	<u>Wang</u>	SS	4/0	Examination	3
JEB152	<u>Recent Financial Crises</u>	<u>Janičko Kovář</u>	SS	2/0	Examination	5
JEB157	<u>Data Analysis in R</u>	<u>Křišťoufek</u>	WS	2/2	Examination	6
JEM020	<u>Ethics and Economics</u>	<u>Cahlík</u>	WS	2/2	Examination	6
JEM101	<u>Health Economics</u>	<u>Bertoli Bryndová</u>	SS	2/2	Examination	6
JEM140	<u>Quantitative Multivariate Finance</u>	<u>Burda</u>	SS	2/0	Examination	3
JEM141	<u>Traditional and Alternative Risk Transfer in the Insurance Sector</u>	<u>Teplý Pompella</u>	WS	2/0	macc	2
JEM182	<u>Economics of Innovation</u>	<u>Sidorkin Srholec</u>	WS	2/2	Examination	6
JEM199	<u>Financial Crisis and Risk Management</u>	<u>Horváth</u>	WS/SS	6/0	macc	2
JEM205	<u>FinTech and Blockchain</u>	<u>Gregor Colak</u>	SS	6/0	macc	2
JEM206	<u>Introduction into Health Economics</u>	<u>Stavrunova</u>	WS	4/0	macc	2
JEM207	<u>Data Processing in Python</u>	<u>Čech Macháček Hronec</u>	WS/SS	2/0	Examination	5
JEM209	<u>History and Methodology of Economics</u>	<u>Doležalová Baxa</u>	WS	2/0	Examination	6
JEM211	<u>Philosophy, Economics and Politics: Current Debates</u>	<u>Baxa Semerák</u>	SS	1/1	Examination	6
JEM212	<u>International Political Economy</u>	<u>Havránková Semerák</u>	SS	2/1	Examination	7
JEM220	<u>Data Science with R II</u>	<u>Křišťoufek</u>	SS	2/0	Examination	6

JEM221	Data Science with R I	Krištoufek	WS	2/0	Examination	5
JEM224	Version Control with Git	Hronec	SS	5/2	macc	2
JEM230	Advanced Topics in Corporate Finance	Geršl Curi	WS	3/3	Course credit	3
JEM231	Mergers and Acquisitions	Fidrmuc Gregor	WS	3/3	Course credit	3
JEM232	Financial Crisis and Risk Management	Horváth	WS/SS	6/0	Course credit	3
JEM233	FinTech and Blockchain	Gregor Colak	SS	6/0	Course credit	3
JEM234	Version Control with Git	Hronec	WS	5/2	Course credit	3
JEM236	Risk Management and Insurance	Gregor	SS	6/0	Course credit	3
JLB003	English for Economics I	Poslušná Gloverová Konečná	WS	0/2	Course credit	3
JLB004	English for Economics II	Poslušná	SS	0/2	Examination	3
JLB011	German for Economics intermediate I	Faltýnová	WS	0/2	Course credit	3
JLB012	German for Economics intermediate II	Faltýnová	SS	0/2	macc	3
JLB017	German for Economics upper-intermediate I	Faltýnová	WS	0/2	Course credit	3
JLB018	German for Economics upper-intermediate II	Faltýnová	SS	0/2	Examination	3
JLB055	German for Economics pre-intermediate I	Faltýnová	WS	0/2	Course credit	3
JLB056	German for Economics pre-intermediate II	Faltýnová	SS	0/2	macc	3
JMB087	Introduction to International Political Economy	Kozák Hornát Szobi	SS	1/1	Examination	6
JMB088	Central Europe and China: Economic and Political Relations	Kopecký	SS	1/1	Examination	6

Technical language classes provided by the Foreign Language Department UK FSV
 JLB017 and JLB018 are opened only in the academic year starting with odd number (e.g.2015/2016).

Prerequisites, co-requisites, incompatibility, interchangeability for elective courses

<!--dg:rekv:0001119:2019:2023:en-->

Code	Course title	Pre-requisite	Co-requisite	Interchangeability	Incompatibility
JEB016	History of Economic Thought	JEB009 JEB104 JEB114			
JEB020	Economic Policy	<u>J#R048</u>			JPB337
JEB022	Institutional Economics	<u>J#R048</u>			JPB331
JEB025	Public Finance	JEB003			JSM731
JEB026	European Economic Integration	JEB004		X00036953 X00036992 X00037109 X00037114 X00037198 X00037281 X00037297 X00037369 X00037686 X00037736	JPB336
JEB039	International Trade	<u>J#R048</u>			JPB354
JEB050	International Finance				JPB335
JEB053	Labour Economics	<u>J#R049</u>			
JEB064	Game Theory and Applications	JEB004			
JEB103	Comparative Economics				JPB333
JEB110	Econometrics II	JEB109		X00036951 X00036959 X00036973 X00036996 X00037108 X00037112 X00037159 X00037163 X00037191 X00037200 X00037203 X00037280 X00037288 X00037291 X00037379 X00037403 X00037607 X00037637 X00037689 X00037735	
JEB133	Economic History				JPB332
JEB135	Economics of Global Business				JPB334

JEB136	Topics in Industrial Organization	<u>J#R048</u>			
JEB143	Cambridge Lectures in Economic History	JEB133			
JEB146	Elementary Chinese for Economists I				JEB150 JEB151
JEB147	Behavioral Economics	JEB104			
JEB149	Elementary Chinese for Economists II	JEB146			
JEB151	Intermediate Chinese for Economists II	JEB150			
JEB152	Recent Financial Crises	JEB102			
JEB157	Data Analysis in R	JEB142			
JEM020	Ethics and Economics				JPB338
JEM199	Financial Crisis and Risk Management				JEM232
JEM211	Philosophy, Economics and Politics: Current Debates				JEM180 JPM156 JPM610
JEM212	International Political Economy				JEM165 JPM325
JEM220	Data Science with R II	<u>J#R073</u>			
JEM221	Data Science with R I				JEM181 JEM227
JEM232	Financial Crisis and Risk Management				JEM199
JEM233	FinTech and Blockchain				JEM205
JEM234	Version Control with Git				JEM224
JLB004	English for Economics II	JLB003			
JLB012	German for Economics intermediate II	JLB011			
JLB018	German for Economics upper-intermediate II	JLB017			
JLB056	German for Economics pre-intermediate II	JLB055			

Prerequisite JEB003 is interchangeable with JEB101

Prerequisite JEB004 is interchangeable with JEB102

Prerequisite JEB007 is interchangeable with JEB104

Prerequisite JEB008 is interchangeable with JEB108

Prerequisite JEB010 is interchangeable with JEB115

Code of plan

J19BEF1120