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# Bachelor's Program 6201R009: Economics and Finance (BEF)

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## Bachelor's Program 6201R009: Economics and Finance

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) Mandatory subjects (J#0001014): 89 credits**

Student must pass all mandatory subjects according to the list below.

#### **B) Elective subjects (J#0001114 ): min. 64 credits**

#### **C) Optional subjects: max. 27 credits**

Student must pass mandatory, elective and optional subjects to fulfill together the total of 180 credits. What are optional subjects? Other subjects - than mandatory and elective subjects specified for this study program here - taught at the University are regarded as optional subjects. As optional subjects are also regarded subjects 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:

Bachelor's Thesis Defence

### **Mandatory Subjects J#0001016**

<!--dg:select1:0001016:2016:2016:en-->

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

JEB115	Macroeconomics II	Horváth Lichard	SS	2/2	Examination	6
JEB120	Financial Economics	Brushko	WS	2/2	Examination	6
JEB126	Introductory Banking	Pečená Teplý	SS	2/0	Examination	5
JEB142	Introductory Statistics	Červinka	SS	1/1	Examination	3
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 mandatory subjects**

<!--dg:rekv:0001014:2016:2016:en-->

Code	Course title	Pre-requisite	Co-requisite	Interchangeability	Incompatibility
JEB002	Bachelor's Thesis Seminar II	JEB001			
JEB101	Principles of Economics I			JEB003	JEB003
JEB102	Principles of Economics II	JEB101		JEB004	JEB004
JEB104	Microeconomics I	J#R038 JEB003		JEB007	JEB007
JEB105	Statistics	JEB132 NMMA702			
JEB108	Microeconomics II	JEB104		JEB008	JEB008
JEB109	Econometrics I	JEB105			
JEB114	Macroeconomics I	JEB102		JEB009	JEB009
JEB115	Macroeconomics II	JEB114		JEB010	JEB010
NMMA711	Mathematics 1	NMMA713		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

J#R038 = alternative between mathematics

**Elective Subjects J#0001116**

<!--dg:select1:0001116:2016:2016:en-->

Code	Course title	Course leader	Semester	Hours per week	Course assessment	ECTS credit points
JEB016	History of Economic Thought	Horvath	WS	2/2	Examination	6
JEB020	Economic Policy	Dlouhý Janský	SS	2/0	Examination	5
JEB022	Institutional Economics	Schwarz	WS	2/0	Examination	5
JEB025	Public Finance	Švarcová	SS	2/0	Examination	5

JEB026	<u>European Economic Integration</u>	<u>Dědek</u>	WS	2/2	Examination	6
JEB035	<u>Advanced Statistics</u>	<u>Víšek</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>Flek</u>	SS	2/0	Examination	5
JEB064	<u>Game Theory and Political Economy</u>	<u>Gregor</u>	SS	2/2	Examination	6
JEB103	<u>Comparative Economics</u>	<u>Cahlík</u>	SS	2/2	Examination	6
JEB110	<u>Econometrics II</u>	<u>Pertold-Gebicka Hradil</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
JEB128	<u>Visual Basic for Applications</u>	<u>Doležel</u>	SS	0/2	Examination	3
JEB129	<u>Fiscal Policy, Public Debt and Sovereign Debt Ratings</u>	<u>Schneider</u>	SS	3/1	Examination	2
JEB130	<u>Introduction to Auctions</u>	<u>Kastl</u>	WS	3/0	Examination	2
JEB133	<u>Economic History</u>	<u>Doležalová</u>	WS	2/2	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>	SS	2/2	Examination	6
JEB136	<u>Topics in Industrial Organization</u>	<u>Schwarz</u>	WS	2/0	Examination	3
JEB139	<u>Introductory Mathematics II</u>	<u>Vejnar</u>	SS	2/0	Course credit	4
JEB141	<u>Introduction to Market Design</u>	<u>Kastl Gregor</u>	WS	3/0	Examination	2

JEM020	<u>Ethics and Economics</u>	<u>Cahlík</u>	WS	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	Examination	2
JEM162	<u>Energy Markets &amp; Economics</u>	<u>Valíčková Elms</u>	WS	2/2	Examination	4
JEM165	<u>International Political Economy</u>	<u>Paulus</u>	SS	2/0	Examination	6
JEM174	<u>Stata for Economists</u>	<u>Janhuba</u>	SS	2/0	Examination	4
JEM179	<u>History and Methodology of Economics</u>	<u>Paulus</u>	WS	2/0	Examination	5
JEM180	<u>Philosophy, Economics and Politics: Current Debates</u>	<u>Paulus</u>	SS	1/1	Examination	5
JEM181	<u>Data Science with R</u>	<u>Křištofuk</u>	WS	2/2	Examination	6
JEM182	<u>Economics of Innovation</u>	<u>Sidorkin</u>	WS	2/2	Examination	6
JLB003	<u>English for Economics I</u>	<u>Gloverová Konečná Poslušná</u>	WS	0/3	Course credit	3
JLB004	<u>English for Economics II</u>	<u>Gloverová Konečná Poslušná</u>	SS	0/3	Examination	3
JLB011	<u>German for Economics - lower level I</u>	<u>Faltýnová</u>	WS	0/3	Course credit	3
JLB012	<u>German for Economics - lower level II</u>	<u>Faltýnová</u>	SS	0/3	macc	3
JLB017	<u>German for Economics - upper level I</u>	<u>Faltýnová</u>	WS	0/3	Course credit	3
JLB018	<u>German for Economics - upper level II</u>	<u>Faltýnová</u>	SS	0/3	Examination	3
JLB019	<u>Specialised French I</u>	<u>Bosáková</u>	WS	0/3	Course credit	3
JLB020	<u>Specialised French II</u>	<u>Bosáková</u>	SS	0/3	Examination	3
JLB023	<u>Specialised Italian I</u>	<u>Bahníková</u>	WS	0/3	Course credit	3

JLB024	<u>Specialised Italian II</u>	<u>Bahníková</u>	SS	0/3	Examination	3
JLB027	<u>Specialised Russian I - upper levels</u>	<u>Mistrová</u>	WS	0/3	Course credit	3
JLB028	<u>Specialised Russian II - upper levels</u>	<u>Mistrová</u>	SS	0/3	Examination	3
JLB029	<u>Spanish for Political Sciences, International Studies, Sociology, Economics, Journalism and Mass Communication I</u>	<u>Mlýnková</u>	WS	0/3	Course credit	3
JLB030	<u>Specialised Spanish II</u>	<u>Mlýnková</u>	SS	0/3	Examination	3
JLB039	<u>Specialised Russian I - lower levels</u>	<u>Mistrová</u>	WS	0/3	Course credit	3
JLB040	<u>Specialised Russian II - lower levels</u>	<u>Mistrová</u>	SS	0/3	macc	3
JLB055	<u>Introduction into German for Economics I</u>	<u>Faltýnová</u>	WS	0/3	Course credit	3
JLB056	<u>Introduction into German for Economics II</u>	<u>Faltýnová</u>	SS	0/3	macc	3
JSB998	<u>The Introduction to Sociology</u>	<u>Soukup</u>	WS/SS	2/0	Examination	5

JSB998 Introduction to Sociology is in WS in Czech, in SS in English.

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 subjects**

<!--dg:rekv:0001116:2016:2016:en-->

Code	Course title	Pre-requisite	Co-requisite	Interchangeability	Incompatibility
JEB020	Economic Policy	JEB004			
JEB022	Institutional Economics	JEB004			
JEB025	Public Finance	JEB003			
JEB026	European Economic Integration	JEB004			
JEB035	Advanced Statistics	JEB105			
JEB039	International Trade	JEB004			
JEB053	Labour Economics	JEB007			

JEB064	Game Theory and Political Economy	JEB004			
JEB110	Econometrics II	JEB109			
JEB128	Visual Basic for Applications	JEB111			
JEB136	Topics in Industrial Organization	JEB004			
JEB139	Introductory Mathematics II	JEB122			JEB118
JEM165	International Political Economy			JPM325	JPM325
JEM180	Philosophy, Economics and Politics: Current Debates			JPM610	
JLB004	English for Economics II	JLB003			
JLB012	German for Economics - lower level II	JLB011			
JLB018	German for Economics - upper level II	JLB017			
JLB020	Specialised French II	JLB019			
JLB024	Specialised Italian II	JLB023			
JLB028	Specialised Russian II - upper levels	JLB027			
JLB030	Specialised Spanish II	JLB029			
JLB040	Specialised Russian II - lower levels	JLB039			

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

Kód plánu:

J16BEF828