
(NMgr) Programme 6201T009: Economics and Finance (MEF)

Master's Programme 6201T009: Economics and Finance

Academic year 2019/2020

Master in Economics and Finance (MEF) is a two-year English-language program accredited by the Czech Ministry of Education. The program equips the student with a thorough understanding and advanced skills in theoretical and applied economics and finance. English is the only language of instruction.

The program director is **prof. Ing. Michal MEJSTŘÍK, CSc.**

For more information, visit the webpage of Faculty of Social Sciences:

- [program description](#)
- [terms and conditions for the applicants](#)
- [how to apply](#)

Program structure:

- 5 compulsory courses (6-9 ECTS credits each): 33 credits
- 2 compulsory seminars (6-9 ECTS credits each): 15 credits
- elective courses: minimum 60 credits
- optional courses: maximum 12 credits
- Master Thesis

Final exam:

(JDIP01) Master's thesis defence

Compulsory Courses: J#006818

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Code	Course title	Course leader	Semester	Hours per week	Course assessment	ECTS credit points
JEM001	Master's Thesis Seminar I	Havránek Havránková Schwarz	WS/SS	0/2	Course credit	6
JEM002	Master's Thesis Seminar II	Havránek Havránková Schwarz	WS/SS	0/2	Course credit	9
JEM004	Advanced Macroeconomic	Baxa Hromádková	WS	2/4	Examination	9
JEM005	Advanced Econometrics	Baruník	WS	2/2	Examination	6
JEM032	Banking	Geršl Pečená	WS	2/2	Examination	6
JEM037	Financial Markets	Kočenda	WS	2/2	Examination	6
JEM185	Microeconomics of Banking	Geršl Janda	SS	2/0	Examination	6

Total: 48

WS = Winter Semester (Oct. - Feb.), SS = Summer Semester (Feb. - June).

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

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Code	Course title	Pre-requisite	Co-requisite	Interchangeability	Incompatibility
JEM001	Master's Thesis Seminar I			JEM124	JEM124
JEM002	Master's Thesis Seminar II	JEM001		JEM125	JEM125
JEM185	Microeconomics of Banking				JEM113

Elective Courses: J#012619

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Code	Course title	Course leader	Semester	Hours per week	Course assessment	ECTS credit points
JEB112	Strategic Management	Balcar	SS	2/2	Examination	6
JEB129	Fiscal Policy, Public Debt and Sovereign Debt Ratings	Schneider	SS	3/1	macc	2
JEB141	Introduction to Market Design	Kastl Gregor	WS	3/0	Examination	2
JEB146	Elementary Chinese for Economists I	Wang	WS	4/0	Examination	3
JEB149	Elementary Chinese for Economists II	Wang	SS	4/0	Examination	3
JEB150	Intermediate Chinese for Economists I	Wang	WS	4/0	Examination	3
JEB151	Intermediate Chinese for Economists II	Wang	SS	4/0	Examination	3
JEB153	Introductory Banking	Pečená	SS	2/2	Examination	6
JEM003	Advanced Microeconomics	Janda	WS	2/2	Examination	6
JEM007	Applied Microeconometr	Pertold-Gebicka	SS	2/2	Examination	6
JEM012	European Economic Policies	Komárek	SS	2/0	Examination	5
JEM013	Game Theory	Gregor	SS	2/2	Examination	6
JEM017	Business Cycles Theory	Vošvrda Baxa	WS	2/2	Examination	6
JEM020	Ethics and Economics	Cahlík	WS	2/2	Examination	6
JEM027	Monetary Economics	Holub	WS	2/2	Examination	6
JEM034	Corporate Finance	Geršl	WS	2/2	Examination	6
JEM035	Financial Markets Instruments I	Dědek	WS	2/2	Examination	6

JEM036	<u>Financial Markets Instruments II</u>	<u>Dědek</u>	SS	2/2	Examination	6
JEM059	<u>Financial Econometrics I</u>	<u>Vácha Baruník</u>	SS	2/2	Examination	6
JEM061	<u>Financial Econometrics II</u>	<u>Baruník Vácha</u>	WS	2/2	Examination	6
JEM062	<u>Introductory Econometrics</u>	<u>Kukačka</u>	WS	2/2	Examination	6
JEM092	<u>Asset Pricing</u>	<u>Čech</u>	SS	2/2	Examination	6
JEM100	<u>Corporate Governance</u>		SS	0/2	Examination	4
JEM101	<u>Health Economics</u>	<u>Bertoli Bryndová</u>	SS	2/2	Examination	6
JEM111	<u>International Macroeconomic and Finance</u>	<u>Holub</u>	SS	2/2	Examination	6
JEM115	<u>Environmental Economics</u>	<u>Ščasný</u>	SS	2/0	Examination	5
JEM116	<u>Applied Econometrics</u>	<u>Horváth Baruník Kukačka</u>	SS	2/2	Examination	6
JEM123	<u>Development Economics</u>	<u>Bauer</u>	WS	2/2	Examination	6
JEM126	<u>Empirical Law and Economics</u>	<u>Dušek</u>	SS	2/0	Examination	5
JEM128	<u>Financial Modelling Using MS Excel and VBA</u>	<u>Jakubík</u>	SS	1/1	Examination	4
JEM129	<u>Introduction to International Investment Protection</u>	<u>Sekanina</u>	SS	2/0	Examination	4
JEM131	<u>Antitrust Economics</u>	<u>Vacek</u>	SS	2/0	Examination	5
JEM132	<u>Company Valuation</u>	<u>Novák</u>	WS	2/2	Examination	6
JEM137	<u>Real Estate Investment</u>	<u>Streblov</u>	WS	2/0	Examination	4
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>Teply Pompella</u>	WS	2/0	macc	2
JEM142	<u>Banking and Financial Regulation</u>	<u>Tůma Dvořák</u>	SS	2/2	Examination	6

JEM158	Tools for Modern Macroeconomet	Baxa Vácha	SS	2/2	Examination	6
JEM159	International Commercial Dispute Resolution	Hülle	SS	2/0	Examination	4
JEM160	Robust statistics and econometrics	Křehlík	SS	2/0	Examination	6
JEM161	Private Equity	FencI	SS	1/1	macc	4
JEM162	Energy Markets & Economics	Valíčková	WS	2/2	Examination	4
JEM171	Financial Derivatives	Babiak	SS	2/2	Examination	6
JEM173	Topics in Macroeconomic	Kudashvili	SS	2/2	Examination	6
JEM175	Intermediate Microeconomics I	Štastná	SS	4/2	Examination	6
JEM176	Intermediate Microeconomics II	Chytilová	WS	4/2	Examination	6
JEM177	Intermediate Macroeconomic I	Horváth Kudashvili	WS	2/2	Examination	6
JEM178	Intermediate Macroeconomic II	Horváth Kudashvili	SS	2/2	Examination	6
JEM182	Economics of Innovation	Sidorkin Srholec	WS	2/2	Examination	6
JEM183	Mathematical Methods in Macroeconomic	Vošvrda Stráský	WS	2/2	Examination	6
JEM184	New Keynesian DSGE Modelling	Žáček Bechný	WS	2/2	Examination	6
JEM198	Bank Asset and Liability Management	Walos Kottán	SS	2/0	Examination	5
JEM199	Financial Crisis and Risk Management	Horváth	WS/SS	6/0	macc	2
JEM201	Internship	GeršI	WS/SS	0/4	Course credit	3
JEM203	Public Economics	Janský	SS	2/1	Examination	6
JEM205	FinTech and Blockchain	Gregor Colak	SS	6/0	macc	2
JEM206	Introduction into Health Economics	Stavrunova	WS	4/0	macc	2

JEM207	Data Processing in Python	Čech Macháček Hronec	WS/SS	2/0	Examination	5
JEM208	Health Econometrics	Bertoli	WS	2/2	Examination	6
JEM220	Data Science with R II	Křišťoufek	SS	2/0	Examination	6
JEM221	Data Science with R I	Křišťoufek	WS	2/0	Examination	5
JEM224	Version Control with Git	Hronec	SS	5/2	macc	2
JEM228	Systemic Risk and Macroprudential Policy	Geršl	SS	2/2	Examination	6
JEM229	Treasury Management	Ranostaj	WS	2/0	Examination	5
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
JLM057	Academic Writing for Masters	Goodall	SS	0/2	Course credit	3

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

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Code	Course title	Pre-requisite	Co-requisite	Interchangeability	Incompatibility
JEB146	Elementary Chinese for Economists I				JEB150 JEB151
JEB149	Elementary Chinese for Economists II	JEB146			
JEB151	Intermediate Chinese for Economists II	JEB150			
JEB153	Introductory Banking				JEB126
JEM012	European Economic Policies			JEM111	
JEM020	Ethics and Economics				JPB338
JEM034	Corporate Finance			JEM187 JEM188 JEM189	
JEM092	Asset Pricing				JEM186
JEM100	Corporate Governance				JEM188
JEM111	International Macroeconomics and Finance	JEM216			

JEM128	Financial Modelling Using MS Excel and VBA				JEM189
JEM173	Topics in Macroeconomics			JEM097	JEM097
JEM177	Intermediate Macroeconomics I				JEB114
JEM178	Intermediate Macroeconomics II				JEB115
JEM183	Mathematical Methods in Macroeconomics			JEM096	JEM096
JEM198	Bank Asset and Liability Management				JEM197
JEM220	Data Science with R II	<u>J#R073</u>			
JEM221	Data Science with R I				JEM181 JEM227

Optional Courses:

Any Master-level course. Optional courses can be taken at any faculty of the Charles University or at partner universities.

Kód plánu

J19MEF1122