
Master's Program 6201T009: Economics and Finance (MEF)

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

Final exam:

Master Thesis Defense

Mandatory 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	Mejstřík Havránek Havránková	WS/SS	0/2	Course credit	6
JEM002	Master's Thesis Seminar II	Mejstřík Havránek Havránková	WS/SS	0/2	Course credit	9
JEM004	Advanced Macroeconomics	Baxa Hromádková	WS	2/4	Examination	9
JEM005	Advanced Econometrics	Baruník	WS	2/2	Examination	6
JEM032	Banking	Mejstřík Teplý Pečená	WS	2/2	Examination	6
JEM037	Financial Markets	Kočenda	WS	2/2	Examination	6
JEM185	Microeconomics of Banking	Janda	SS	2/0	Examination	6

Total: 48

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

Prerequisites, co-requisites, incompatibility, interchangeability for mandatory 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

Elective Courses: J#012618

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Code	Course title	Course leader	Semester	Hours per week	Course assessment	ECTS credit points
JEB112	Strategic Management	Balcar Strítěský	SS	2/2	Examination	6
JEB126	Introductory Banking	Pečená Teplý	SS	2/0	Examination	5
JEB129	Fiscal Policy, Public Debt and Sovereign Debt Ratings	Schneider	SS	3/1	Examination	2
JEB141	Introduction to Market Design	Kastl Gregor	WS	3/0	Examination	2
JEB144	Introduction to Urban Economics	Šťastná Brueckner	WS	6/0	Examination	2
JEB145	Global Financial Crisis: Responses and Real Effects	Mejstřík Suárez Suárez	WS	4/0	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
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	Janda 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	<u>Corporate Finance</u>	<u>Bychkova</u>	WS	2/2	Examination	6
JEM035	<u>Financial Markets Instruments I</u>	<u>Dědek</u>	WS	2/2	Examination	6
JEM036	<u>Financial Markets Instruments II</u>	<u>Dědek</u>	SS	2/2	Examination	6
JEM044	<u>International Finance</u>	<u>Kočenda</u>	WS	2/2	Examination	6
JEM059	<u>Quantitative Finance I</u>	<u>Vácha Baruník</u>	WS	2/2	Examination	6
JEM061	<u>Quantitative Finance II</u>	<u>Baruník Vácha</u>	SS	2/2	Examination	6
JEM062	<u>Introductory Econometrics</u>	<u>Kukačka</u>	WS	2/2	Examination	6
JEM092	<u>Portfolio Analysis and Risk Management</u>	<u>Křišťoufek Babiak</u>	SS	2/2	Examination	6
JEM100	<u>Corporate Governance</u>	<u>Mejstřík</u>	SS	0/2	Examination	4
JEM101	<u>Health Economics</u>	<u>Bryndová</u>	SS	2/2	Examination	6
JEM111	<u>International Macroeconomics</u>	<u>Holub</u>	SS	2/2	Examination	6
JEM115	<u>Environmental Economics and Consumer Preferences</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>Economics of Least Developed Countries</u>	<u>Bauer</u>	WS	2/2	Examination	6
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
JEM136	<u>Experimental Economics</u>	<u>Bauer Van Koten</u>	SS	2/2	Examination	6
JEM137	<u>Real Estate Investment</u>	<u>Streblov Jandík</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>Teplý Pompella</u>	WS	2/0	Examination	2
JEM142	<u>Banking and Financial Regulation</u>	<u>Tůma Dvořák</u>	SS	2/2	Examination	6
JEM158	<u>Tools for Modern Macroeconomet</u>	<u>Rusnák</u>	WS	2/2	Examination	6
JEM159	<u>International Commercial Dispute Resolution</u>	<u>Hülle</u>	SS	2/0	Examination	4
JEM160	<u>Robust statistics and econometrics</u>	<u>Křehlík</u>	SS	2/0	Examination	6
JEM161	<u>Private Equity</u>	<u>Fencí Šmejkal</u>	SS	1/1	Examination	4
JEM162	<u>Energy Markets & Economics</u>	<u>Valíčková Elms</u>	WS	2/2	Examination	4
JEM171	<u>Financial Derivatives</u>	<u>Babiak</u>	SS	2/2	Examination	6
JEM173	<u>Topics in Macroeconomic</u>	<u>Kudashvili</u>	SS	2/2	Examination	6
JEM174	<u>Stata for Economists</u>	<u>Janhuba</u>	SS	2/0	Examination	4
JEM175	<u>Intermediate Microeconomics I</u>	<u>Šťastná Janhuba</u>	SS	4/2	Examination	6
JEM176	<u>Intermediate Microeconomics II</u>	<u>Chytilová</u>	WS	4/2	Examination	6
JEM177	<u>Intermediate Macroeconomic I</u>	<u>Horváth Kudashvili</u>	WS	2/2	Examination	6
JEM178	<u>Intermediate Macroeconomic II</u>	<u>Horváth Pinter Kudashvili</u>	SS	2/2	Examination	6
JEM181	<u>Data Science with R</u>	<u>Křišťoufek</u>	WS	2/2	Examination	6
JEM182	<u>Economics of Innovation</u>	<u>Sidorkin Srholec</u>	WS	2/2	Examination	6
JEM183	<u>Mathematical Methods in Macroeconomic</u>	<u>Vošvrda Stráský</u>	WS	2/2	Examination	6
JEM184	<u>New Keynesian DSGE Modeling</u>	<u>Maršál Svačina</u>	WS	2/2	Examination	6

JEM198	Bank Asset and Liability Management	Walos Kotlán	SS	2/0	Examination	5
JEM199	Financial Crisis and Risk Management	Horváth	WS	6/0	Examination	2
JEM201	Internship	Mejstřík	WS/SS	0/4	Course credit	3
JEM203	Public Economics	Janský	SS	2/1	Examination	6
JEM205	FinTech and Blockchain	Mejstřík Colak Šťastná	SS	6/0	Examination	2
JEM207	Data Processing in Python	Macháček Hronec	SS	2/0	Examination	5
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			
JEM034	Corporate Finance			JEM187 JEM189 JEM188	
JEM044	International Finance			JEM186	JEM186
JEM092	Portfolio Analysis and Risk Management				JEM186
JEM100	Corporate Governance				JEM188
JEM111	International Macroeconomics	JEM004			
JEM128	Financial Modelling Using MS Excel and VBA				JEM189
JEM136	Experimental Economics	JEM003			
JEM173	Topics in Macroeconomics			JEM097	JEM097
JEM183	Mathematical Methods in Macroeconomics			JEM096	JEM096

JEM198	Bank Asset and Liability Management				JEM197
JEM207	Data Processing in Python	JEB110			

Optional Courses:

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

Kód plánu:

J18MEF1040