

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#006814

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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
JEM003	Advanced Microeconomics	Janda	WS	2/2	Examination	6
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

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
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Elective Courses: J#012617

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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
JEB130	Introduction to Auctions	Kastl	WS	3/0	Examination	2
JEB141	Introduction to Market Design	Kastl Gregor	WS	3/0	Examination	2
JEB146	Elementary Chinese for Economists	Wang	SS	4/0	Examination	3
JEM007	Applied Microeconometrics	Pertold-Gebicka	WS	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	Corporate Finance	Bychkova	WS	2/2	Examination	6
JEM035	Financial Markets Instruments I	Dědek	WS	2/2	Examination	6
JEM036	Financial Markets Instruments II	Dědek	SS	2/2	Examination	6
JEM044	International Finance	Kočenda Brushko	WS	2/2	Examination	6
JEM059	Quantitative Finance I	Vácha Baruník	WS	2/2	Examination	6
JEM061	Quantitative Finance II	Baruník Vácha	SS	2/2	Examination	6
JEM062	Introductory Econometrics	Kukačka	WS	2/2	Examination	6
JEM092	Portfolio Analysis and Risk Management	Křišťoufek Babiak	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 Macroeconometrics</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	Private Equity	Fencl Šmejkal	SS	1/1	Examination	4
JEM162	Energy Markets & Economics	Valíčková Elms	WS	2/2	Examination	4
JEM171	Financial Derivatives	Babiak	SS	2/2	Examination	6
JEM173	Topics in Macroeconomics	Kudashvili	SS	2/2	Examination	6
JEM174	Stata for Economists	Janhuba	SS	2/0	Examination	4
JEM175	Intermediate Microeconomics I	Šťastná Janhuba	SS	4/2	Examination	6
JEM176	Intermediate Microeconomics II	Chytilová	WS	4/2	Examination	6
JEM177	Intermediate Macroeconomics I	Horváth Kudashvili	WS	2/2	Examination	6
JEM178	Intermediate Macroeconomics II	Horváth Lichard Kudashvili	SS	2/2	Examination	6
JEM181	Data Science with R	Křišťoufek	WS	2/2	Examination	6
JEM182	Economics of Innovation	Sidorkin Srholec	WS	2/2	Examination	6
JEM183	Mathematical Methods in Macroeconomics	Vošvrda Stráský	WS	2/2	Examination	6
JEM184	New Keynesian DSGE Modeling	Maršál Svačina	WS	2/2	Examination	6
JEM185	Microeconomics of Banking	Janda	SS	2/0	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
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
JEM034	Corporate Finance			JEM187 JEM188 JEM189	
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

Optional Courses:

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

Kód plánu:
J17MEF957