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 Rejentová	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 Stříteský	SS	2/2	Examination	6
JEB126	Introductory Banking	Rejentová 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 Microeconometrics	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	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	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	Krištoufek Babiak	SS	2/2	Examination	6
JEM100	Corporate Governance	Mejstřík	SS	0/2	Examination	4
JEM101	Health Economics	Bryndová	SS	2/2	Examination	6
JEM111	International Macroeconomics	Holub	SS	2/2	Examination	6
JEM115	Environmental Economics and Consumer Preferences	Ščasný	SS	2/0	Examination	5
JEM116	Applied Econometrics	Horváth Baruník Kukačka	SS	2/2	Examination	6
JEM123	Economics of Least Developed Countries	Bauer	WS	2/2	Examination	6
JEM128	Financial Modelling Using MS Excel and VBA	Jakubík	SS	1/1	Examination	4
JEM129	Introduction to International Investment Protection	Sekanina	SS	2/0	Examination	4
JEM131	Antitrust Economics	Vacek	SS	2/0	Examination	5
JEM132	Company Valuation	Novák	WS	2/2	Examination	6
JEM136	Experimental Economics	Bauer Van Koten	SS	2/2	Examination	6
JEM137	Real Estate Investment	Streblov Jandík	WS	2/0	Examination	4

JEM140	Quantitative Multivariate Finance	Burda	SS	2/0	Examination	3
JEM141	Traditional and Alternative Risk Transfer in the Insurance Sector	Teplý Pompella	WS	2/0	Examination	2
JEM142	Banking and Financial Regulation	Tůma Dvořák	SS	2/2	Examination	6
JEM158	Tools for Modern Macroeconometrics	Rusnák	WS	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	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 Pinter Kudashvili	SS	2/2	Examination	6
JEM181	Data Science with R	Krištoufek	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

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 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
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