

Master's Program 6201T Economics and Finance

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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. Oldřich Dědek, 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	Geršl 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#012615

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Code	Course title	Course leader	Semester	Hours per week	Course assessment	ECTS credit points
JEB112	Strategic Management	Balcar Střítěský	SS	2/2	Examination	6
JEB124	Global Financial Crisis	Libich	WS	1/1	Examination	3
JEB126	Introductory Banking	Pečená	SS	2/0	Examination	5
JEB129	Fiscal Policy, Public Debt and Sovereign Debt Ratings	Schneider	SS	3/1	macc	2
JEB130	Introduction to Auctions	Kastl	WS	3/0	Examination	2
JEB140	Topics in Economic History	Parent Šťastná	SS	2/2	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
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
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	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	Financial Econometrics I	Vácha Baruník	WS	2/2	Examination	6
JEM061	Financial Econometrics II	Baruník Vácha	SS	2/2	Examination	6
JEM062	Introductory Econometrics	Kukačka	WS	2/2	Examination	6
JEM092	Asset Pricing	Čech	SS	2/2	Examination	6
JEM096	Economic Dynamics I	Vošvrda Baxa	WS	2/2	Examination	6
JEM097	Economic Dynamics II	Vošvrda Baxa Maršál	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 Macroeconomic and Finance	Holub	SS	2/2	Examination	6
JEM112	Economics of Incentives and Contracts	Janda	WS	2/0	Examination	5
JEM113	Microeconomics of Banking	Janda	SS	2/0	Examination	5
JEM115	Environmental Economics	Ščasný	SS	2/0	Examination	5
JEM116	Applied Econometrics	Horváth Baruník Kukačka	SS	2/2	Examination	6
JEM123	Development Economics	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

JEM134	Topics in Experimental Economics	Bauer	SS	0/2	Examination	5
JEM136	Experimental Economics	Bauer Van Koten	SS	2/2	Examination	6
JEM137	Real Estate Investment	Streblov Jandík	WS	2/0	Examination	4
JEM138	Selected Topics in Financial Intermediation	Hoerová	SS	5/0	Examination	3
JEM140	Quantitative Multivariate Finance	Burda	SS	2/0	Examination	3
JEM141	Traditional and Alternative Risk Transfer in the Insurance Sector	Teply Pompella	WS	2/0	macc	2
JEM142	Banking and Financial Regulation	Tůma Dvořák	SS	2/2	Examination	6
JEM143	New Keynesian DSGE Modelling	Žáček Bechný	WS	2/2	Examination	5
JEM158	Tools for Modern Macroeconomet	Matějů	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	Fenc Šmejkal	SS	1/1	macc	4
JEM162	Energy Markets & Economics	Valíčková Elms	WS	2/2	Examination	4
JEM171	Financial Derivatives	Babiak	SS	2/2	Examination	6
JEM172	Introduction to Hedge Funds and Venture Capital	Diamondopoulos	WS	2/2	Examination	2
JEM173	Topics in Macroeconomic	Kudashvili	SS	2/2	Examination	6
JEM174	Stata for Economists	Janhuba	SS	2/0	Examination	4
JEM175	Intermediate Microeconomics I	Šťastná	SS	4/2	Examination	6

JEM176	Intermediate Microeconomics II	<u>Chytilová</u>	WS	4/2	Examination	6
JEM177	Intermediate Macroeconomic I	<u>Horváth Kudashvili</u>	WS	2/2	Examination	6
JEM178	Intermediate Macroeconomic II	<u>Horváth Kudashvili</u>	SS	2/2	Examination	6
JEM181	Data Science with R	<u>Křišťoufek</u>	WS	2/2	Examination	6
JEM182	Economics of Innovation	<u>Sidorkin Srholec</u>	WS	2/2	Examination	6
JEM199	Financial Crisis and Risk Management	<u>Horváth</u>	WS	6/0	macc	2
JEM201	Internship	<u>Geršl</u>	WS/SS	0/4	Course credit	3
JEM203	Public Economics	<u>Janský</u>	SS	2/1	Examination	6
JEM206	Introduction into Health Economics	<u>Stavrunova Mejstřík</u>	WS	4/0	macc	2
JEM207	Data Processing in Python	<u>Macháček Hronec</u>	WS/SS	2/1	Examination	5
JEM208	Health Econometrics	<u>Bertoli</u>	WS	2/2	Examination	6
JEM210	An Introduction to the Econometrics of Networks	<u>Baruník Graham</u>	SS	2/0	macc	2
JEM220	Data Science with R II	<u>Křišťoufek</u>	SS	2/0	Examination	6
JEM221	Data Science with R I	<u>Křišťoufek</u>	WS	2/0	Examination	5
JLM057	Academic Writing for Masters	<u>Goodall</u>	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
JEB124	Global Financial Crisis	JEB010			
JEB126	Introductory Banking				JEB153
JEB146	Elementary Chinese for Economists I				JEB150 JEB151
JEB149	Elementary Chinese for Economists II	JEB146			

JEB151	Intermediate Chinese Economists II for	JEB150			
JEB153	Introductory Banking				JEB126
JEM012	European Economic Policies			JEM111	
JEM020	Ethics and Economics				JPB338
JEM034	Corporate Finance			JEM187 JEM188 JEM189	
JEM044	International Finance			JEM186	JEM186
JEM092	Asset Pricing				JEM186
JEM096	Economic Dynamics I			JEM183	JEM183
JEM097	Economic Dynamics II			JEM173	JEM173
JEM100	Corporate Governance				JEM188
JEM111	International Macroeconomics and Finance	JEM004			
JEM128	Financial Modelling Using MS Excel and VBA				JEM189
JEM136	Experimental Economics	JEM003			
JEM173	Topics in Macroeconomics			JEM097	JEM097
JEM177	Intermediate Macroeconomics I				JEB114
JEM178	Intermediate Macroeconomics II				JEB115
JEM207	Data Processing in Python	JEB110			
JEM220	Data Science with R II	JEM221			
JEM221	Data Science with R I				JEM181

Optional Courses:

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

Kód plánu:
J15MEF770