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# Master's Program 6201T Economics and Finance

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## Master's Program 6201T Economics and Finance

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 (3 ECTS credits each): 9 credits
- elective courses: 67 credits
- 2 optional non-economics courses: 12 credits
- Master Thesis
- Final xam

Final exam:

1. Macroeconomics
2. Microeconomics
3. Elective 1
4. Elective 2
5. Master Thesis Defense

**Mandatory Courses: J#0068**

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Code	Course title	Course leader	Semester	Hours per week	Course assessment	ECTS credit points
JEM001	Master's Thesis Seminar I - Winter Semester	Mejstřík Havránek	WS	0/2	Course credit	3
JEM002	Master Thesis Seminar II - Summer Semester	Mejstřík Havránek	SS	0/2	Course credit	6
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	Novák Geršl	WS	2/2	Examination	6
JEM124	Master Thesis Seminar I	Mejstřík Havránek Havránková	SS	0/2	Course credit	3

	- Summer Semester					
JEM125	Master Thesis Seminar II - Winter Semester	Mejstřík Havránek	WS	0/2	Course credit	6

Total: 42

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 - Winter Semester			JEM124	
JEM002	Master Thesis Seminar II - Summer Semester	JEM001		JEM125	
JEM124	Master Thesis Seminar I - Summer Semester			JEM001	
JEM125	Master Thesis Seminar II - Winter Semester	JEM124		JEM002	

#### Elective Courses: J#0126

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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
JEB124	Global Financial Crisis	Libich	WS	1/1	Examination	3
JEB125	Econometrics III	Pertold-Gebicka	SS	2/2	Examination	6
JEB130	Introduction to Auctions	Kastl	WS	3/0	Examination	2
JEM007	Applied Microeconomics	Pertold-Gebicka	WS	2/2	Examination	6
JEM012	European Economic Policies	Šmídková Martišková	SS	2/2	Examination	6
JEM013	Game Theory	Janda Gregor	SS	2/2	Examination	6
JEM015	Theory of Regulation and Regulation of Industries		WS	2/0	Examination	5
JEM017	Business Cycles Theory	Vošvrda Baxa	WS	2/2	Examination	6
JEM027	Monetary Economics	Holub Šmídková	WS	2/2	Examination	6
JEM028	Economic Policy Analysis	Jurajda	WS	2/0	Examination	5

JEM034	<u>Corporate Finance</u>	<u>Dědek</u>	SS	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>Vacek</u>	SS	2/2	Examination	6
JEM050	<u>Topics in Economic Policy</u>	<u>Zajíček</u>	SS	2/0	Examination	5
JEM053	<u>Stochastical Processes in Economics I</u>	<u>Sladký</u>	WS	2/2	Examination	6
JEM054	<u>Stochastical Processes in Economics II</u>	<u>Sladký</u>	SS	2/2	Examination	6
JEM055	<u>Decisions Making in Economics I: Deterministical Optimisation</u>	<u>Kaňková</u>	WS	2/2	Examination	6
JEM056	<u>Decision-Making in Economics II: Stochastical Optimisation</u>	<u>Kaňková</u>	SS	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>Kališková</u>	WS	2/2	Examination	6
JEM081	<u>Advanced Economics of European Integration - Microeconomic Aspects</u>	<u>Strielkowski Turnovec</u>	WS	2/2	Examination	6
JEM092	<u>Portfolio Analysis and Risk Management</u>	<u>Dědek</u>	WS	2/2	Examination	6
JEM096	<u>Economic Dynamics I</u>	<u>Vošvrda Baxa</u>	WS	2/2	Examination	6
JEM097	<u>Economic Dynamics II</u>	<u>Vošvrda Baxa Maršál</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 Tulejová</u>	SS	2/2	Examination	6

JEM111	<u>International Macroeconomics</u>	<u>Holub</u>	SS	2/2	Examination	6
JEM112	<u>Economics of Incentives and Contracts</u>	<u>Janda</u>	WS	2/0	Examination	5
JEM113	<u>Microeconomics of Banking</u>	<u>Janda</u>	SS	2/0	Examination	5
JEM114	<u>Topics in Law and Regulation</u>	<u>Alexander</u>	WS	2/0	Examination	5
JEM115	<u>Environmental Economics and Consumer Preferences</u>	<u>Ščasný</u>	SS	2/2	Examination	6
JEM116	<u>Applied Econometrics</u>	<u>Horváth Baruník Baxa</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	5
JEM129	<u>Introduction to International Investment Protection</u>	<u>Sekanina</u>	SS	2/0	Examination	5
JEM131	<u>Antitrust Economics</u>	<u>Vacek</u>	SS	2/2	Examination	6
JEM132	<u>Company Valuation</u>	<u>Novák</u>	SS	2/2	Examination	6
JEM134	<u>Topics in Experimental Economics</u>	<u>Bauer</u>	SS	0/2	Examination	5
JEM136	<u>Experimental Economics</u>	<u>Bauer Katusčák</u>	SS	2/2	Examination	6
JEM137	<u>Real Estate Investment</u>	<u>Streblov Jandík</u>	WS	2/0	Examination	5
JEM138	<u>Selected Topics in Financial Intermediation</u>	<u>Vacek Hoerová</u>	SS	5/0	Examination	3
JEM140	<u>Quantitative Multivariate Finance</u>	<u>Burda</u>	SS	6/6	Examination	3
JEM141	<u>Traditional and Alternative Risk Transfer in the Insurance Sector</u>	<u>Teply Pompella</u>	WS	5/0	Examination	3
JEM142	<u>Banking and Financial Regulation</u>	<u>Tůma Růžička</u>	SS	2/2	Examination	6

JEM143	New Keynesian DSGE Modeling	Maršál	WS	0/2	Examination	4
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Total: 67

**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			
JEB125	Econometrics III	JEB110			
JEM111	International Macroeconomics	JEM004			
JEM136	Experimental Economics	JEM003			
JEM143	New Keynesian DSGE Modeling	JEM097			

**Optional Courses:** Any Master-level course in other fields than Economics and Finance. For example, Faculty of Social Sciences offers courses in Political Science, International Relations, Area Studies and Sociology. There must be 12 credits from the optional courses.