

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

| Code | Name of Course | Lecturer | Semester | Term | Examination | Credits |
|--------|--|--|----------|------|-------------|---------|
| JEM001 | Master's Thesis Seminar I | Mejstřík Havránek Havránková | WS/SS | 0/2 | pass | 6 |
| JEM002 | Master's Thesis Seminar II | Mejstřík Havránek Havránková | WS/SS | 0/2 | pass | 9 |
| JEM003 | Advanced Microeconomics | Janda | WS | 2/2 | exam | 6 |
| JEM004 | Advanced Macroeconomics | Baxa Hromádková | WS | 2/4 | exam | 9 |
| JEM005 | Advanced Econometrics | Baruník | WS | 2/2 | exam | 6 |
| JEM032 | Banking | Mejstřík Teplý Pečená | WS | 2/2 | exam | 6 |
| JEM037 | Financial Markets | Kočenda | WS | 2/2 | exam | 6 |

Total: 48

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

Prerequisites, co-requisites, incompatibility, interchangeability for mandatory courses

| Code | Name of Course | Pre-requisite | Co-requisite | Interchangeability | Incompatibility |
|--------|---------------------------|---------------|--------------|--------------------|-----------------|
| JEM001 | Master's Thesis Seminar I | | | JEM124 | JEM124 |

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| JEM002 | Master's Thesis Seminar II | JEM001 | | JEM125 | JEM125 |
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Elective Courses: J#012617

| Code | Name of Course | Lecturer | Semester | Term | Examination | Credits |
|--------|---|---|----------|------|-------------|---------|
| JEB112 | Strategic Management | Balcar Stříteský | SS | 2/2 | exam | 6 |
| JEB126 | Introductory Banking | Pečená Teplý | SS | 2/0 | exam | 5 |
| JEB129 | Fiscal Policy, Public Debt and Sovereign Debt Ratings | Schneider | SS | 3/1 | exam | 2 |
| JEB130 | Introduction to Auctions | Kastl | WS | 3/0 | exam | 2 |
| JEB141 | Introduction to Market Design | Kastl Gregor | WS | 3/0 | exam | 2 |
| JEB145 | Global Financial Crisis: Responses and Real Effects | Mejstřík | WS | 4/0 | exam | 2 |
| JEM007 | Applied Microeconometrics | Pertold-Gebicka | WS | 2/2 | exam | 6 |
| JEM012 | European Economic Policies | Komárek | SS | 2/0 | exam | 5 |
| JEM013 | Game Theory | Janda Gregor | SS | 2/2 | exam | 6 |
| JEM017 | Business Cycles Theory | Vošvrda Baxa | WS | 2/2 | exam | 6 |
| JEM020 | Ethics and Economics | Cahlík | WS | 2/2 | exam | 6 |
| JEM027 | Monetary Economics | Holub | WS | 2/2 | exam | 6 |
| JEM034 | Corporate Finance | Bychkova | WS | 2/2 | exam | 6 |
| JEM035 | Financial Markets Instruments I | Dědek | WS | 2/2 | exam | 6 |
| JEM036 | Financial Markets Instruments II | Dědek | SS | 2/2 | exam | 6 |
| JEM044 | International Finance | Kočenda Brushko | WS | 2/2 | exam | 6 |
| JEM059 | Quantitative Finance I | Vácha Baruník | WS | 2/2 | exam | 6 |
| JEM061 | Quantitative Finance II | Baruník Vácha | SS | 2/2 | exam | 6 |
| JEM062 | Introductory Econometrics | Kukačka | WS | 2/2 | exam | 6 |
| JEM092 | Portfolio Analysis and Risk Management | Křišťoufek Babiak | SS | 2/2 | exam | 6 |
| JEM100 | Corporate Governance | Mejstřík | SS | 0/2 | exam | 4 |
| JEM101 | Health Economics | Bryndová | SS | 2/2 | exam | 6 |
| JEM111 | International Macroeconomics | Holub | SS | 2/2 | exam | 6 |
| JEM115 | Environmental Economics and Consumer Preferences | Ščasný | SS | 2/0 | exam | 5 |
| JEM116 | Applied Econometrics | Horváth Baruník Kukačka | SS | 2/2 | exam | 6 |
| JEM123 | Economics of Least Developed Countries | Bauer | WS | 2/2 | exam | 6 |
| JEM128 | Financial Modelling Using MS Excel and VBA | Jakubík | SS | 1/1 | exam | 4 |
| JEM129 | Introduction to International Investment Protection | Sekanina | SS | 2/0 | exam | 4 |
| JEM131 | Antitrust Economics | Vacek | SS | 2/0 | exam | 5 |
| JEM132 | Company Valuation | Novák | WS | 2/2 | exam | 6 |

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| JEM136 | Experimental Economics | Bauer Van Koten | SS | 2/2 | exam | 6 |
| JEM137 | Real Estate Investment | Streblov Jandík | WS | 2/0 | exam | 4 |
| JEM140 | Quantitative Multivariate Finance | Burda | SS | 2/0 | exam | 3 |
| JEM141 | Traditional and Alternative Risk Transfer in the Insurance Sector | Teplý Pompella | WS | 2/0 | exam | 2 |
| JEM142 | Banking and Financial Regulation | Tůma Dvořák | SS | 2/2 | exam | 6 |
| JEM158 | Tools for Modern Macroeconometrics | Rusnák | WS | 2/2 | exam | 6 |
| JEM159 | International Commercial Dispute Resolution | Hülle | SS | 2/0 | exam | 4 |
| JEM160 | Robust statistics and econometrics | Křehlík | SS | 2/0 | exam | 6 |
| JEM161 | Private Equity | Fencí Šmejkal | SS | 1/1 | exam | 4 |
| JEM162 | Energy Markets & Economics | Valíčková Elms | WS | 2/2 | exam | 4 |
| JEM171 | Financial Derivatives | Babiak | SS | 2/2 | exam | 6 |
| JEM173 | Topics in Macroeconomics | Kudashvili | SS | 2/2 | exam | 6 |
| JEM174 | Stata for Economists | Janhuba | SS | 2/0 | exam | 4 |
| JEM175 | Intermediate Microeconomics I | Šťastná Janhuba | SS | 4/2 | exam | 6 |
| JEM176 | Intermediate Microeconomics II | Chytilová | WS | 4/2 | exam | 6 |
| JEM177 | Intermediate Macroeconomics I | Horváth Kudashvili | WS | 2/2 | exam | 6 |
| JEM178 | Intermediate Macroeconomics II | Horváth Lichard Kudashvili | SS | 2/2 | exam | 6 |
| JEM181 | Data Science with R | Křišťoufek | WS | 2/2 | exam | 6 |
| JEM182 | Economics of Innovation | Sidorkin Srholec | WS | 2/2 | exam | 6 |
| JEM183 | Mathematical Methods in Macroeconomics | Vošvrda Stráský | WS | 2/2 | exam | 6 |
| JEM184 | New Keynesian DSGE Modeling | Maršál Svačina | WS | 2/2 | exam | 6 |
| JEM185 | Microeconomics of Banking | Janda | SS | 2/0 | exam | 6 |
| JEM198 | Bank Asset and Liability Management | Walos Kotlán | SS | 2/0 | exam | 5 |
| JEM199 | Financial Crisis and Risk Management | Horváth | WS | 6/0 | exam | 2 |
| JEM201 | Internship | Mejstřík | WS/SS | 0/4 | pass | 3 |
| JLM057 | Academic Writing for Masters | Goodall | SS | 0/2 | pass | 3 |

Prerequisites, co-requisites, incompatibility, interchangeability for elective courses

| Code | Name of Course | Pre-requisite | Co-requisite | Interchangeability | Incompatibility |
|--------|--|---------------|--------------|----------------------------|-----------------|
| JEM012 | European Economic Policies | | | JEM111 | |
| JEM034 | Corporate Finance | | | JEM187 JEM188 JEM189 | |
| JEM044 | International Finance | | | JEM186 | JEM186 |
| JEM092 | Portfolio Analysis and Risk Management | | | | JEM186 |

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|--------|--|--------|--|--------|--------|
| 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