Are You Ready to Master Economics and Finance?

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INSTITUTE OF ECONOMIC STUDIES
FACULTY OF SOCIAL SCIENCES
CHARLES UNIVERSITY IN PRAGUE

Talk

In a nutshell

Core
21 credits: 3 advanced courses

Tracks
30 credits: 5 out of 6 courses

Electives
42–54 credits: all courses available across tracks

Off-electives
0–12 credits: any Master level course at Charles University

Thesis
15 credits: 2 thesis seminars

Core (Fall, Year 1)

Advanced Microeconomics

- rigorous treatment of decision-making under uncertainty and risk
- microfoundations of finance: markets with state-contingent commodities
- intermediate treatment of markets with incomplete information

Advanced Macroeconomics

- micro-based modeling of long-term growth and short-term fluctuations
- policy issues: monetary policy and unemployment

Advanced Econometrics

- parametric and semiparametric estimation
- endogeneity and instrumental variables
- panel data, discrete choice

Track 1: Theory and Modeling

- Main skills: advanced macroeconomic and policy modeling
- Placements: central bank, Ministry of Finance, banks, research
- 5 courses out of 6
  - Macro: Mathematical Methods, New Keynesian DSGE Modeling, Business Cycles Theory, Topics in Macroeconomics
  - Economic Theory: Game Theory
  - Statistics: Matematická statistika
- Recommended electives
  - central banks: Applied Econometrics, Tools for Modern Macroeconometrics, Monetary Economics, International Macroeconomics
  - international trade and finance: International Macroeconomics, Financial Markets, Introduction to International Investment Protection
  - EU economic policy: European Economic Policies, International Macroeconomics, Monetary Economics, Banking and Financial Regulation, Antitrust Economics
  - research: Applied Econometrics, Robust Statistics and Econometrics, Applied Microeconometrics

Track 2: Finance, Financial Markets, and Banking

- Main skills: advanced financial modeling, both at company and industry-level
- Typical placement: banks, consultancies, Big 4, major companies
- 5 courses out of 6
  - Finance: Banking, Microeconomics of Banking, Corporate Finance
  - Financial markets: Financial Markets, Financial Market Instruments I,II
- Highly relevant electives
  - financial markets: Quantitative Finance I,II, Portfolio Analysis and Risk Management
  - banks: Bank Asset and Liability Management, Portfolio Analysis and Risk Management, Banking and Financial Regulation
  - data analysis: Data Science in R
  - financial analysis: Financial Modelling Using MS Excel and VBA, Company Valuation
  - accounting and tax: Účetní a daňové poradenství, Účetnictví cenných papírů
  - legal environment: Právo obchodních společností, Corporate Governance
  - international business: Introduction to International Investment Protection, Introduction to Commercial Dispute Resolution
  - health industry: Health Economics, Applied Microeconometrics
  - energy industry: Energy Economics and Markets, Environmental Economics and Consumer Valuation
  - real estate: Real Estate Valuation
  - regulation: Antitrust Economics

Extra offers

- Study abroad
  - Departments of Economics and Finance at our partner Universities (Bocconi, Amsterdam, Maastricht, Louvain/Leuven, Frankfurt, HU Berlin, Mannheim, Toulouse, Sorbonne, Aarhus, Australian National University)
  - Departments of Finance at our partner Business Schools (Peking University HSBC, ICHEC Brussels, ESCE Paris, IESEG Lille, Montpellier, Durham, Limerick, Umea)
- Visiting Professors
  - Martin Burda (Toronto): Quantitative Multivariate Finance
  - Maurizio Pompella (Sienna): Risk in Insurance Sector
  - Jakub Kastl (Princeton): Auctions, Matching Markets
  - ...
- Mathematical and Physics Faculty
  - Financial Mathematics
  - Life Insurance
- Visiting Master's at CERGE-EI
  - parallel courses at CERGE-EI
  - all courses recognized at IES

A Year After (June 2016 graduates, response rate 78%)

Hoxha Mimi	Accountant	AVANT Communications Inc, Chicago
Ozturk Durmus	Actuarial Analyst, Risk Modeller	Aon Benfield
Dopita Jiří	Analyst	Verdi Capital Group
Thoma Richard	Analyst, Business Intelligence	Hypoteční banka
Smotlachová Eva	Assistant, Transfer Pricing	KPMG
Hawi André	Assurance Associate	PwC
Bečvaříková Vendula	Audit Assistant	Mazars
Burianová Markéta	Audit Assistant	EY
Chudá Tatiana	Audit Associate	PwC
Král Tomáš	Banking Book Risk Analyst	Erste Group, Vienna
Černý Kryštof	Business Analyst / Developer, Risk & Analytics IT	Barclays Investment Bank
Pižl Vojtěch	Consultant, Financial Risk Modeling	PwC
Bláhová Pavla	Credit Risk Advisor	ČSOB
Klepetko Tomáš	Credit Risk Management	ČSOB
Dobiáš Adam	Data Analyst	Dateio
Sentivany Daniel	Data Mining Specialist	Creditinfo Solutions
Hečimović Emir	Financial Analyst	NSoft
Kadlecová Pavlína	Forensic Services Department	PwC
Vopat Daniel	Investment Analyst	I.C.P. Capital Partners
Bechný Jakub	PhD Candidate	MU
Jonášová Júlia	PhD Candidate	IES
Smutná Šarlota	PhD Candidate	IES
Vraná Veronika	PhD Candidate	CERGE-EI
Žáček Jan	PhD Candidate, Expert Analyst	IES, Úřad vlády ČR
Šoltés Michal	PhD Candidate, Chief Economist	CERGE-EI, Roklen
Nevrla Matěj	PhD Candidate, Junior Researcher	IES
Palanský Miroslav	PhD Candidate, Junior Researcher	IES
Kotek Martin	PhD Candidate, Risk Analyst Intern	CERGE-EI, Home Credit International
Čábelová Kateřina	Risk Analyst	Raiffeisenbank
Kocholová Soňa	Risk Models Specialist	ČSOB
Brandejs David	Senior Auditor	KPMG
Kireichenko Kateryna	Senior Customer Master Specialist	Honeywell
Kondratenko Ivan	Trade Specialist	Lukoil, Accounting and Finance Europe