
(NMgr) Programme: Master in Economic Research (NP_MER)

Programme N0311A050011: Master in Economic Research – master, full-time

Academic year 2024/2025

The MA in Economic Research is a Western-style graduate program designed for students who have completed their undergraduate studies and are interested in modern economic research.

The program is spread over the course of two years. In each semester, students take three courses that equip them with the systematic knowledge of economic theory and empirical research techniques, and undergo Academic Writing training. At the end of the second year, they defend their MA thesis.

The aim of this program is to prepare students for further postgraduate education in economics either in CERGE-EI's PhD in Economics program or at other high-quality universities in Europe and North America.

Graduates not wishing to continue on with a PhD study will be equipped with all the tools and expertise necessary for developing a career in research, analyst and quantitative positions at international and government organizations, public policy institutions, non-profit think-tanks and private sector companies.

Academic supervisor: **doc. Krešimir Žigić, Ph.D.**

Course Structure and Study Requirements

Total ECTS	120 ECTS
Compulsory courses	39 ECTS
Elective courses	min. 69 ECTS
Optional courses	max. 12 ECTS

Optional courses see article 5 para 4 of Consolidated University Code of Study and Examination of Charles University in Prague.

Master state examination

(JDIP01) Master's thesis defence

Compulsory courses

Group J#0192

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Code	Course title	Course leader	Semester	Hours per week	Course assessment	ECTS credit points
JCM001	<u>Statistics</u>	<u>Hanousek</u>	WS	4/2	Examination	9
JCM002	<u>Econometrics</u>	<u>Anatolev</u>	SS	4/2	Examination	9
JCM003	<u>Research Writing I</u>		SS	0/2	Examination	6
JCM004	<u>Research Writing II</u>		WS	0/2	Examination	6
JCM005	<u>Master Thesis Seminar</u>	<u>Jurajda</u>	WS/SS	0/4	Course credit	9

Total ECTS: 39

Prerequisites, co-requisites, interchangeable and incompatible courses

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Code	Course title	Pre-requisite	Co-requisite	Interchangeability	Incompatibility
JCM002	Econometrics	JCM001			
JCM004	Research Writing II	JCM003			

Elective courses

Group J#0193

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Code	Course title	Course leader	Semester	Hours per week	Course assessment	ECTS credit points
JCM006	Advanced Game Theory	<u>Steiner</u>	WS	4/2	Examination	9
JCM007	Applied Macroeconomic Analysis	<u>Slavík</u>	WS	4/2	Examination	9
JCM008	Energy & Environment Economics	<u>Van Koten</u>	SS	4/2	Examination	9
JCM009	Financial Markets I	<u>Slavík</u>	WS	4/2	Examination	9
JCM010	Financial Markets II	<u>Michelucci</u>	SS	0/0	Examination	9
JCM011	Industrial Organization	<u>Žigic</u>	SS	0/0	Examination	9
JCM012	International Trade	<u>Žigic</u>	SS	4/2	Examination	9
JCM013	Labor Economics I	<u>Münich</u>	WS	4/2	Examination	9
JCM014	Labor Economics II	<u>Pytlíková</u>	SS	4/2	Examination	9
JCM015	Topics in Dynamic Macroeconomics	<u>Kapička</u>	WS	4/2	Examination	9
JCM016	Macroeconomics I	<u>Kejak</u>	WS	4/2	Examination	9
JCM017	Macroeconomics II	<u>Kejak</u>	SS	4/2	Examination	9
JCM018	Topics in Microeconomics	<u>Zápal</u>	WS	4/2	Examination	9
JCM019	Cross-Sectional Econometrics I	<u>Jurajda</u>	WS	4/2	Examination	9
JCM020	Microeconomics I	<u>Steiner</u>	WS	4/2	Examination	9
JCM021	Microeconomics II	<u>Steiner</u>	SS	4/2	Examination	9
JCM022	Experimental Economics	<u>Bauer</u>	SS	4/2	Examination	9
JCM023	Macroeconomics of Growth and Inequality	<u>Jeong</u>	SS	4/2	Examination	9

JCM024	Coding in Python and R		SS	4/2	Examination	9
JCM025	Empirical Finance	Selezneva	SS	4/2	Examination	9
JCM026	Quantitative Methods I	Hanousek	WS	4/2	Examination	9
JCM027	Quantitative Methods II	Pokorná Bičáková	WS	4/2	Examination	9
JCM028	Time Series Econometrics	Anatolev	WS	4/2	Examination	9
JCM029	Microeconometrics I	Jurajda	WS	4/2	Examination	9
JCM030	Microeconometrics II	Jurajda	SS	4/2	Examination	9
JCM031	Macro Topics I		WS	4/2	Examination	9
JCM032	Macro Topics II		SS	4/2	Examination	9
JCM033	Public Finance	Kapička	WS	4/2	Examination	9
JCM034	Political Economy	Zápal	SS	4/2	Examination	9
JCM035	Economic Development and Institutions	Korovkin	WS/SS	4/2	Examination	9
JCM036	Quantitative Economic History	Ochsner	SS	4/2	Examination	9
JCM040	Development Economics	Menzel	SS	4/2	Examination	9
JCM042	Microeconometrics	Mittag	WS/SS	4/2	Examination	9
JCM043	Applied Microeconometrics	Jurajda	WS/SS	4/2	Examination	9
JCM054	Machine Learning for Social Scientists		WS	4/2	Examination	9
JCM061	Industrial Organization I		WS	4/2	Examination	9
JCM062	Industrial Organization II		SS	4/2	Examination	9
JCM063	Economic History I		WS	4/2	Examination	9
JCM064	Economic History II		SS	4/2	Examination	9
JCM065	Monetary Economics		SS	4/2	Examination	9

Minimum ECTS: 69

Prerequisites, co-requisites, interchangeable and incompatible courses

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Code	Course title	Pre-requisite	Co-requisite	Interchangeability	Incompatibility
JCM006	Advanced Game Theory	JCM017 JCM002 JCM021			

JCM007	Applied Macroeconomic Analysis	JCM002 JCM017 JCM021			
JCM008	Energy & Environment Economics	JCM002 JCM017 JCM021			
JCM009	Financial Markets I	JCM002 JCM021 JCM017			
JCM010	Financial Markets II	JCM002 JCM009 JCM017 JCM021			
JCM011	Industrial Organization	JCM017 JCM002 JCM021			
JCM012	International Trade	JCM017 JCM002 JCM021			
JCM013	Labor Economics I	JCM017 JCM002 JCM021			
JCM014	Labor Economics II	JCM021			
JCM015	Topics in Dynamic Macroeconomics	JCM002 JCM017 JCM021			
JCM017	Macroeconomics II	JCM016			
JCM018	Topics in Microeconomics	JCM017 JCM002 JCM021			
JCM019	Cross-Sectional Econometrics I	JCM002 JCM017 JCM021			
JCM021	Microeconomics II	JCM020			
JCM022	Experimental Economics	JCM002 JCM021 JCM017			
JCM023	Macroeconomics of Growth and Inequality	JCM017 JCM002 JCM021			
JCM025	Empirical Finance	JCM002 JCM017 JCM021 JCM028			
JCM026	Quantitative Methods I	JCM002 JCM017 JCM021			
JCM027	Quantitative Methods II	JCM002 JCM017 JCM021 JCM026			
JCM028	Time Series Econometrics	JCM017 JCM002 JCM021			
JCM029	Microeconometrics I	JCM021 JCM017 JCM002			JCM042
JCM030	Microeconometrics II	JCM021 JCM017 JCM002 JCM029			JCM042
JCM031	Macro Topics I	JCM017 JCM002 JCM021			
JCM032	Macro Topics II	JCM021 JCM017 JCM002 JCM031			
JCM033	Public Finance	JCM002 JCM017 JCM021			

JCM034	Political Economy	JCM021 JCM017 JCM002 JCM033			
JCM035	Economic Development and Institutions	JCM002 JCM017 JCM021			
JCM036	Quantitative Economic History	JCM002 JCM017 JCM021			
JCM042	Microeconometrics				JCM029 JCM030
JCM062	Industrial Organization II	JCM061			
JCM064	Economic History II	JCM063			

Study plan code:
J24NPMER1605