

Regional and Environmental Economic Studies Master's program

Training program description

For students who start in the fall semester of 2021/2022.

Regional and Environmental Economic Studies Master's program

Valid: For students starting their studies in the 2021/2022/1 semester

General Informations:

Person responsible for the major: Dr. Márton Péti, associate professor

Place of the training: Budapest

Training schedule: full-time

Language of the training: Hungarian, English

Is it offered as dual training: no

Specializations:

There is no specialisation in the English-language program.

Training and outcome requirements

1. **Master's degree title:** Regional and Environmental Economic Studies (regionális és környezeti gazdaságtan)
2. **The level of qualification attainable in the Master's programme, and the title of the certification**
 - qualification level: master- (magister, abbreviation: MSc)
 - qualification in Hungarian: okleveles közgazdász regionális és környezeti gazdaságtan szakon
 - qualification in English: Economist in Regional and Environmental Economic Studies
3. **Training area:** economics
4. **Degrees accepted for admittance into the Master's programme**
 - 4.1. Accepted with the complete credit value: undergraduate degrees of the economic sciences field, and the Agricultural Environmental Management Engineering, Rural Development Engineer and degrees from the agricultural field of training and the Geographer and Environmental Studies undergraduate courses from the natural sciences field of training.
 - 4.2. May also be considered with the completion of the credits defined in section 9.3: undergraduate and Master's courses and courses as defined as per Act LXXX of 1993 on higher education that are accepted by the higher education institution's credit transfer committee based on a comparison of the studies that serve as the basis of the credits.
5. **Training duration, in semesters:** 4 semesters
6. **The number of credits to be completed for the Master's degree:** 120 credits
 - degree orientation: theory oriented (60-70 percent)
 - thesis credit value: 15 credits
 - minimum credit value of optional courses: 6 credits
7. **International Standard Classification of Education field of education code:** 314
8. **Master's degree training objectives and professional competences**

The objective of the programme is the training of economics experts who, in possession of their theoretical and methodological knowledge, are capable of uncovering the social dimensions of environmental issues and the economic analysis of social, cultural, and ecological processes considering the interrelationships between social and natural systems. Capable of cooperating in a creative and innovative way in the development of global and regional developmental and environmental policies, strategies, and programmes, and working in economic geography and regional and environmental social science. They are capable of solving independent analytic and planning tasks,

working in groups and managing group work, and performing sustainable development analysis and research in the academic, state, and private sectors. They are prepared to continue their training at the PhD level.

8.1. Attained professional competences

8.1.1. The economist with a Regional and Environmental Economics Master's degree has

a) knowledge

- Has mastered the concepts, theories, processes, and characteristics of economic science and the micro and macro organisational levels of economy, knows the definitive economic facts.
- Understands the structure, operation, and Hungarian and international relationships of business organisations, their information and motivational factors, especially the institutional environment.
- Knows the European integration process and European Policies related to its activity.
- Possesses the modern and theoretically demanding mathematical-statistical, econometric, and modelling methods of problem recognition, definition, and solution and information gathering and processing, and is aware of their limitations.
- Knows the rules for planning and managing enterprises, business organisations, and projects, and their professional and ethical standards.
- Has mastered the basic interrelationships of regional, urban, and environmental economics, geography, and sociology, the mathematical, statistical, and geographic informatics methods used in regional and environmental research and knows their limits.
- Is prepared to understand and develop the models that describe the system of biosphere-society-economy interactions and to consider the result of this modelling in developmental decisions.
- Has relevant and comprehensive knowledge on the main interrelationships between the economic system and other social sub-systems and the ecological system, the relationships between regional and rural policy and the environment's carrying capacity, the interrelationships between the ecological and social possibilities and determinations of developments.
- Has a detailed knowledge of the effects of economic growth, the population boom, and the population's income differentiation on the Earth's carrying capacity in the ten most sensitive dimensions (climate change, nitrogen and phosphorous cycles, decreasing biodiversity, damage to the ozone layer, ultrafine particle deposition, ocean acidification, agricultural land use, freshwater use, chemical pollution), the most important developmental issues that induce the level of exposure and changes, and their effects on the economic-social-ecological systems.
- Knows the principles and frameworks of the Hungarian and international regulations on environmental and natural protections.
- Knows and understands the principles of social responsibility and ethical operation for companies and their social importance, and the scientific bases and practice of environmental management.
- Possesses a relevant, comprehensive social and public erudition over professional issues.

b) skills

- Formulates independent, new deductions, original thoughts, and approaches, is capable of utilising sophisticated analytic and modelling methods, of creating strategies for the solution of complex problems, and of making decisions in dynamic Hungarian and international environments and corporate cultures.
- After attaining practical knowledge and experiences, leads medium and large enterprises or complex organisational units, performs a comprehensive economic function in a business organisation, organises and manages complex business processes, manages resources. Is capable of efficient work in an international, multicultural environment.
- Is capable of a simple formalising of arguments on economic-social-environmental issues, of developing an individual viewpoint based on his/her own analysis, arguing for it in a debate, and recognises the necessity of revising or giving up this viewpoint.
- Is capable of developing strategies to solve complex issues, planning the solution, making decisions, and offering professional advice to economic operators.
- Is capable of uncovering relevant economic issues in the specialist field. In analyses and solutions, he/she is capable of considering their complex system of social, policy, environmental, and spatial interrelationships.
- Is capable of preparing professional summaries and analyses in his/her specialist field, giving presentations, actively participating in professional debate using the modern methods of the infocommunication and presentation toolkits, in Hungarian or in foreign languages.
- Is capable of participating in large-scale and complex projects and group work, and as a leader, of managing, organising, and evaluating activities.
- Is prepared to actively participate in social and public life in possession of relevant skills.

c) attitudes

- Has a critical attitude towards the work and behaviour of him/herself and any subordinates, is innovative and proactive in managing economic issues.
- Is open to new results of economic science and practice.
- Is characterised by a cultured, ethical, and objective intellectual approach to persons and social issues, in his/her work, pays attention to the wider range of sectoral, regional, national, and European values (including social, ecological, and sustainability considerations). Strives to improve his/her knowledge and work relationships; motivates, helps, and supports any colleagues and subordinates to do the same.
- Has a problem-centric view and problem-solving thinking.
- Is open to new results from economic science and practice, and changes in the social-economic-legal environment that affect his/her specialist fields.
- Is decisive, constructive, cooperating, and takes initiative in project and group work.
- Is prepared to share professional and social knowledge with professional and non-professional audiences.

d) autonomy and responsibilities

- Independently selects and utilises relevant problem-solving methods in areas important for organisational policy, strategy, and management, performs financial analysis, decision-preparation, and consulting tasks

independently. Independently creates, organises, and manages major enterprises, or major organisations and organisational unity.

- Takes responsibility for his/her own work, the organisation or enterprise under his/her control and the employees thereof.
- Independently identifies, plans, and organises the professional and general development of his/herself and any employees and takes responsibility for them.
- Analyses, takes, and manages the responsibility for the fact that results received from analyses and practical methods partially depend on the chosen method.
- Takes initiative and responsibility in social and public issues.

9. About the Master's programme

9.1. Professional properties

9.1.1. The scientific fields and areas that the training is based on are:

- economic and social science studies (economics and methodological studies, community economics, quantitative methods, managerial economics, economic sociology, human ecology) 25-45 credits;
- environmental economics professional studies [economic development and growth (economic development, innovation); spatial aspects of economic processes, spatial aspects of social processes, regional and environmental analytic methods, regional economy, environmental economics, regional policy, regional economic development, ecological and environmental protection studies, integrated rural development, regional programming and management, local economy and business development, environmental policy, environmental management, industrial ecology, environmental ethics, urban sociology and urban geography, urban management, urban financing) 50-70 credits.

9.2. Foreign language requirements

To obtain a master's degree, in English and an additional foreign language, a state-accredited intermediate (B2), complex type language exam or an equivalent secondary school leaving certificate or diploma is required.

9.3. For persons with degrees defined in section 4.2 the minimal requirements of admittance to the Master's programme training cycle

For entering the Master's programme, a minimum of 60 credits is necessary from the following subject areas:

- at least 20 credits from the fields of economy and business administration (microeconomy, macroeconomy, world and international economy, community economy, management and administration subjects, marketing, business communication);
- at least 20 credits from the fields of methodology (mathematics, statistics, informatics);
- at least 20 credits from 'horizon broadening' natural and social science subjects (philosophy, sociology, political science, history, biology, chemistry, physics, geography, earth sciences).

The prerequisite of admittance into the Master's programme is for the student to have at least 40 credits in the listed area based on his/her previous studies. Missing credits must be attained in the Master's programme as defined in the higher education institution's Study and Exam Regulations.

10. Degree thesis/ Dissertation

The aim of the dissertation is to certify the student's knowledge and expertise in a chosen topic, scientific data collection, systematization, analysis and processing related to the chosen topic, discussion of the chosen phenomenon or problem, hypothesis

creation, problem solving, analysis of alternative hypotheses, analysis and in refuting the counter-arguments, in a coherent, consistent, language-oriented written explanation of his thoughts, views, positions, statements.

11. Type of Degree thesis

Research thesis

12. Requirements for the issue of a final certificate

The University will issue a final certificate to the student who has obtained

- the study and examination regulation prescribed in the curriculum, and
- the required credits.

13. Conditions for admission to the final examination

Joint conditions for admission to the final exam:

- a) obtaining a final certificate,
- b) submission of the thesis by the deadline,
- c) evaluation of the thesis with a different grade than the deadline,
- d) registration for the final exam by the deadline,
- e) the student has no overdue payment debt to the University for the given training,
- f) accounted for with assets owned by the University (borrowed books, sports equipment, etc.).

A student who has not fulfilled any of the provisions of the points a)-f) cannot be admitted to the final examination.

14. Parts of the final exam

The final exam consists of the defense of the thesis and the oral complex exam.

15. Determining the result of the final exam

The arithmetic mean of the following three digits, rounded to two decimal places:

- a) The grade given to the thesis by the reviewer (s) - determined with a five-point qualification - in case of several reviewers the average of the marks of the reviews is rounded to two decimal places, and
- b) the grade obtained for the defense of the thesis, the answer to the questions related to the thesis - established with a five-level qualification
- c) the grade obtained in the complex examination - determined with a five-level qualification.

16. Components of diploma qualification, method of calculation

The result of the diploma is the arithmetic mean of the following two digits, rounded to two decimal places:

- a) the credit-weighted average of the marks of the compulsory and optional subjects in the amount of credits prescribed in the curriculum, and
- b) the result (grade) of the final examination.

17. Conditions for issuing a diploma

A prerequisite for the award of a diploma certifying the completion of higher education studies is the successful completion of the final examination, as well as the passing of the language examination required by the training and output requirements and the presentation of the relevant language examination certificate.

7MNREKO17ABP – Regional and Environmental Economic Studies master programme in Budapest, in English, full time training Curriculum for 2021/2022. (1.) fall semester for beginning students

Subject Code	Subject Name	Type	Number of hours per semester hours		Credits	Evaluation	Fall or Spring Semester	2021/22 Academic year		2022/23 Academic year		Credit	Subject responsible	Institute	Requirement		Equivalent subject		PSO
			1	2				3	4	Code	Name				Code	Name			
			Fall semester	Spring semester				Fall semester	Spring semester										
Core courses																			
			24	24				21	18	87									
7GF20NAK64M	Economy and Geography of Europe	C	0	2	3	pg	spring		3				Jeney László Botond	Institute of International, Political and Regional Studies					
4MNBNAK26M	Finance and Monetary Policy	C	2	0	3	ex	fall	3					Sebestyén Géza	Institute of Economics					
7GF20NBK10M	Global and Regional Environmental Challenges	C	2	0	3	ex	fall	3					Péti Márton	Institute of International, Political and Regional Studies					
7GF20NAK65M	Project Seminar ¹	C	0	4	6	pg	fall	6					Péti Márton	Institute of International, Political and Regional Studies					
7GF20NAK50M	Regional Economics	C	2	0	3	ex	fall	3					Forman Balázs	Institute of International, Political and Regional Studies					
7VG32NBKG4M	World Economics	C	2	2	6	ex	fall	6					Tétényi András	Institute of International, Political and Regional Studies				no	
7GF20NAK54M	Environmental Economics	C	2	0	3	ex	spring		3				Marjainé Szerényi Zsuzsanna	Institute of International, Political and Regional Studies					
7GF20NBK11M	Introduction to Planning and Projects	C	1	1	3	ex	spring		3				Péti Márton	Institute of International, Political and Regional Studies					
7GF20NAK66M	Project Seminar 2 ¹	C	0	4	6	pg	spring		6				Salamin Géza	Institute of International, Political and Regional Studies	7GF20NAK65M	Project Seminar 1			
7GF20NAK55M	Quantitative Methods, GIS	C	0	2	3	pg	spring		3				Jeney László Botond	Institute of International, Political and Regional Studies					
7GF20NAK72M	Regional Integrations and Strategies Crossing Borders	C	2	0	3	ex	fall	3					Salamin Géza	Institute of International, Political and Regional Studies					
7GF20NAK56M	Spatial Planning and Urban Development	C	0	2	3	ex	spring		3				Salamin Géza	Institute of International, Political and Regional Studies					
NPGG023NAMB	Urban Economics and Sociology	C	0	2	3	ex	spring		3				Kocsis János Balázs	Institute of International, Political and Regional Studies					
7GF20NAK68M	Cohesion and Regional Policy	C	2	0	3	ex	fall			3			Péti Márton	Institute of International, Political and Regional Studies					

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Subject Code	Subject Name	Type	Number of hours per semester hours		Credits	Evaluation	Fall or Spring Semester	2021/22 Academic year		2022/23 Academic year		Credit	Subject responsible	Institute	Requirement		Equivalent subject		PSO
			1	2				3	4	Code	Name				Code	Name			
			Fall semester	Spring semester				Fall semester	Spring semester										
7NK40NGK97M	Policies of the EU	C	4	0	6	ex	fall			6		Kengyel Ákos	Studies Institute of International, Political and Regional Studies					yes	
7GF20NAK71M	Project Course	C	0	4	6	pg	fall			6		Kocsis János Balázs	Institute of International, Political and Regional Studies						
7GF20NAK59M	Thesis Seminar I. ¹	C	0	4	6	pg	fall			6		Jeney László Botond	Institute of International, Political and Regional Studies					no	
7GF20NAK69M	Corporate Environmental Management	C	2	2	6	ex	spring				6	Széchy Anna Zsófia	Institute of International, Political and Regional Studies						
7GF20NAK51M	Geopolitics and Geostrategies	C	2	0	3	ex	spring				3	Péti Márton	Institute of International, Political and Regional Studies						
7GF20NAK63M	Thesis Seminar II. ¹	C	0	4	9	pg	spring				9	Kocsis Tamás	Institute of International, Political and Regional Studies	7GF20NAK59M	Thesis Seminar I.			no	
Elective courses out of which 3 must be completed								0	0	3	6	9							
7GF20NBK12M	Policies for a green and climate-friendly economy	CE	2	0	3	ex	fall				3	Széchy Anna Zsófia	Institute of International, Political and Regional Studies						
7GF20NAK52M	Regional Geography of the World ¹	CE	2	0	3	ex	fall				3	Jeney László Botond	Institute of International, Political and Regional Studies						
7PE20NXX10M	Communication	CE	0	2	3	pg	spring				3	Aczél Petra Katalin	Institute of Communication and Sociology					yes	
7GF20NAK70M	Development and Geograpy of Hungary and Budapest ¹	CE	2	0	3	ex	spring				3	Salamin Géza	Institute of International, Political and Regional Studies						
7GF20NAK62M	Local and Rural Economic Development ¹	CE	2	0	3	ex	spring				3	Bálint Csaba	Institute of International, Political and Regional Studies						
Electives Subjects								6	6	6	6	24							
IOK0001NABB	Hungarian Language SHI I.*	KR	0	4	3	pg	fall	3	3			Dobos Ágota	Centre of Foreign Language Education and Research					no	
IOK0004NABB	Hungarian Language SHI II.*	KR	0	4	3	ex	spring	3	3			Dobos Ágota	Centre of Foreign Language Education and Research					no	

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Subject Code	Subject Name	Type	Number of hours per semester hours		Credits	Evaluation	Fall or Spring Semester	2021/22 Academic year		2022/23 Academic year		Credit	Subject responsible	Institute	Requirement		Equivalent subject		PSO
			Lecture	Seminar				1	2	3	4				Code	Name	Code	Name	
								Fall semester	Spring semester	Fall semester	Spring semester								
	Electives Subjects	E					fall, spring												
Total credits								30	30	30	30	120							

Remarks

Type: C-compulsory courses, CE-core elective courses, E-elective (optional) courses
Methods of assessment: ex-exam (exam at the end of the semester, but other forms of assessment are possible during the semester), pg- grade based on the practical assignments given during the course of the semester, a=signature, ce- Comprehensive examination
A subject that can be completed in a preferential study order (PSO) on the basis of Section 92 of the Study and Examination Regulation (TVSZ)

Physical education

Students wishing to play sports can only take a physical education subject with the payment of a specified fee.

Foreign language

During their studies, students can learn a language in the form of paid subjects within the framework of elective subjects.

Curriculum

It is recommended to include the subjects in the schedule according to the sample curriculum. The student may deviate from this, taking into account:

1. the pre-study order,
2. semester of announcing subjects
3. Completion of an average of 30 credits per semester
4. In addition to the compulsory subjects, students may take elective subjects from the offer of elective subjects (see Neptun) as well as foreign languages.
5. A minimum of 2/3 of the required amount of credit must be completed at Corvinus University.

* Hungarian Language is a compulsory subject for the students participating in the Stipendium Hungaricum scholarship program in the first two semesters.

The detailed rules related to the admission of the subjects and the completion of the subjects are included in the Study and Examination Regulations!

Please note that curriculum changes are possible!