CORVINUS UNIVERSITY of BUDAPEST

Regional and Environmental Economic Studies Master's program

Training program description

For students who start in the fall semester of 2022/2023.

Regional and Enviromental Economic Studies Master's program

Valid: For students starting their studies in the 2022/2023/1 semester
Updated: 16/10/2023
General Information:

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. 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.
The topics are currently organised in 30 topics. The topics are set according to the information issued for the semester in question, the information is published on the website of the training.

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 - etermined 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 marks, rounded to two decimal places:
a) the credit-weighted average of the grades of the compulsory and compulsory elective subjects (if the student has taken more than the compulsory subjects prescribed by the curriculum, then all the subjects taken) in the number of credits prescribed by 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.

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Subject Code	Subject Name	Type	Number of hours per week		Credits	Evaluation	Fall or Spring Semester	2022/23 Academic year		2023/24 Academic year		Credit	Subject responsible	Institute	Requirement		Equivalent subject		PSO
								1	2	3	4								
			Lecture	Seminar				Fall semester	Spring semester	Fall semester	Spring semester				Code	Name	Code	Name	
Core courses								**24**	**24**	**21**	**18**	**87**							
7GF20NAK64M	Economy and Geography of Europe	C	0	2	3	pg	spring		3				László Botond Jeney	Institute of Sustainable Development					
4MNBNAK26M	Finance and Monetary Policy	C	2	0	3	ex	fall	3					Géza Sebestyén	Institute of Finance					
7GF20NBK10M	Global and Regional Environmental Challenges	C	2	0	3	ex	fall	3					Márton Péti	Institute of Sustainable Development					
7GF20NAK65M	Project Seminar 1 [1]	C	0	4	6	pg	fall	6					Márton Péti	Institute of Sustainable Development					
7GF20NAK50M	Regional Economics	C	2	0	3	ex	fall	3					Balázs Forman	Institute of Global Studies					
7VG32NBKG4M	World Economics	C	2	2	6	ex	fall	6					András Tétényi	Institute of Global Studies					no
7GF20NAK54M	Environmental Economics	C	2	0	3	ex	spring		3				Zsuzsanna Marjainé Szerényi	Institute of Sustainable Development					
7GF20NBK11M	Introduction to Planning and Projects	C	1	1	3	ex	spring		3				Márton Péti	Institute of Sustainable Development					
7GF20NAK66M	Project Seminar 2 [1]	C	0	4	6	pg	spring		6				Géza Salamin	Institute of Sustainable Development	7GF20NAK65M	Project Seminar 1			
7GF20NAK55M	Quantitative Methods, GIS	C	0	2	3	pg	spring		3				László Botond Jeney	Institute of Sustainable Development					
7GF20NAK72M	Regional Integrations and Strategies Crossing Borders	C	2	0	3	ex	fall	3					Géza Salamin	Institute of Sustainable Development					
7GF20NAK56M	Spatial Planning and Urban Development	C	0	2	3	ex	spring		3				Géza Salamin	Institute of Sustainable Development					
NPGG023NAMB	Urban Economics and Sociology	C	0	2	3	ex	spring		3				János Balázs Kocsis	Institute of Sustainable Development					
7GF20NAK68M	Cohesion and Regional Policy	C	2	0	3	ex	fall			3			Márton Péti	Institute of Sustainable Development					
7NK40NGK97M	Policies of the EU	C	4	0	6	ex	fall			6			Ákos Kengyel	Institute of Global Studies					yes
7GF20NAK71M	Project Course	C	0	4	6	pg	fall			6			János Balázs Kocsis	Institute of Sustainable Development					
7GF20NAK59M	Thesis Seminar I.[1]	C	0	4	6	pg	fall			6			László Botond Jeney	Institute of Sustainable Development					yes
7GF20NAK69M	Corporate Environmental Management	C	2	2	6	ex	spring				6		Anna Zsófia Széchy	Institute of Sustainable Development					
7GF20NAK99M	Contemporary issues of Geopolitics and regional development in the world	C	2	0	3	v	tavasz				3		Nuno Morgado	Institute of Sustainable Development					

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Subject Code	Subject Name	Type	Number of hours per week		Credits	Evaluation	Fall or Spring Semester	2022/23 Academic year		2023/24 Academic year		Credit	Subject responsible	Institute	Requirement		Equivalent subject		PSO
								1	2	3	4								
			Lecture	Seminar				Fall semester	Spring semester	Fall semester	Spring semester				Code	Name	Code	Name	
7GF20NAK63M	Thesis Seminar II. [1]	C	0	4	9	pg	spring				9		Tamás Kocsis	Institute of Sustainable Development	7GF20NAK59M	Thesis Seminar I.			yes
Elective courses out of which 3 mustbe completed								**0**	**0**	**3**	**6**	**9**							
7GF20NBK12M	Policies for a green and climate-friendly economy	CE	2	0	3	ex	fall			3			Anna Zsófia Széchy	Institute of Sustainable Development					
7GF20NAK52M	Regional Geography of the World [1]	CE	2	0	3	ex	fall			3			László Botond Jeney	Institute of Sustainable Development					
7PE20NXK10M	Communication	CE	0	2	3	pg	spring				3		Tamás Bokor	Institute of Marketing and Communication Sciences					yes
7GF20NAK70M	Development and Geograpy of Hungary and Budapest [1]	CE	2	0	3	ex	spring				3		Géza Salamin	Institute of Sustainable Development					
7GF20NAK62M	Local and Rural Economic Development [1]	CE	2	0	3	ex	spring				3		Csaba Bálint	Institute of Sustainable Development					
Electives Subjects								**6**	**6**	**6**	**6**	**24**							
IOK0001NABB	Hungarian Language SHI I.*	KR	0	4	3	pg	fall	3	3				Judit Magyar	Centre of Foreign Language Education and Research					no
IOK0004NABB	Hungarian Language SHI II.*	KR	0	4	3	ex	spring	3	3				Judit Magyar	Centre of Foreign Language Education and Research					no
TS00001NMMB	Sports/Physical Education	E	0	2	2	pg	fall	2					Csaba Vladár	Centre for Physical Educations and Sports					
	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 (SER).

Physical education
Students who wish to participate in sport may take a physical education course on a fee-paying basis, except in one semester when they take a course as an elective subject from the optional courses of the university without paying a 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!