REGIONAL AND ENVIROMENTAL ECONOMIC STUDIES MASTER'S PROGRAM

Valid: For students starting their studies in the 2020/2021/1 semester

General Informations:
Person responsible for the major: Dr. Márton Péti, associate professor
Place of the training: Budapest, Székesfehérvár
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
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, the student must have an intermediate "B2" complex type state-recognized English and another living foreign language examination, or an equivalent graduation certificate or diploma.

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. Comprehensive examination

There are no comprehensive examinations.

11. Conditions of the issuance of the final certificate

- Performance of the required credits (120 credits) during the maximum training period (8 semesters). At least 2/3 of the required number of credits must be obtained at the parent university.
- Fulfilment of the academic obligations specified in the operative curriculum.
- In case of students who were accepted to master's training programmes without the recognition of the total credit value, the performance of the number of credits prescribed in the credit recognition resolution, in addition to the 120 credits.

12. Thesis requirements

The content and formal requirements of the thesis are available on the website of the institute.

13. Requirement of the Final Exam

The requirements of the final examination per each specialization / major must be published by the institutes responsible for the given specialization / major on their own web page.

Fulfilment of all payment obligations owed to the University.

14. Content of the Final Exam

The final examination consists of the defence of the thesis, and the oral examination in the subjects of the final examination.

15. Result of the Final Exam

- The grade received on the final examination is the mathematical average of the grades given on the thesis/diploma work by the two reviewers and the grade earned on the oral defence of the thesis, and the grade earned on the oral examination covering the subjects of the final examination (the latter is calculated twofold).
- If the result of any part of the final exam is "fail", the result of the final exam is also "fail".
- During the final examination period following receipt of the final certificate (absolutory), in the frame of the student status and after the termination of the student status, within two years, in any examination period may be taken in line with the training / programme and outcome requirements. After the expiry of the second year following the issuance of the final certificate, the final examination may only be taken with the dean's consent; however, after the expiry of the fifth year following the termination of the student status a final examination may not be taken.

16. The classification of the diploma

The classification of the diploma is based on the weighted average of the below items:

- the credit weighted average of the grades received in the professional core module,
- the grades received on final examinations with doubled value,

The determination of the diploma classification of students participating in BA and MA training is assessed based on the following limits

- excellent, if the average is between 4.81 and 5.00
- class if the average is between 4.51 and 4.80
- good, if the average is between 3.51 and 4.50
- average, if the average is between 2.51 and 3.50
- pass, if the average is between 2.50 and 2.00

Regional and Environmental Economic Studies master programme in Budapest, in English, full time training Curriculum for 2020/2021. (1.) fall semester for beginning students																		
Subject Code	Subject Name	Type	Number of hours per semester hours		Credits	Evaluation	Fall or Spring Semester	2020/21 Academic year		2021/22 Academic year		Credit	Subject responsible	Institute	Requirement		Equivalent subject		Remarks
								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**				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					
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				Szabó Mátyás	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				Péti Márton	Institute of International, Political and Regional Studies					

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								1	2	3	4								
			Lecture	Seminar				Fall semester	Spring semester	Fall semester	Spring semester				Code	Name	Code	Name	
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					
7GF20NAK53M	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					
7NK40NGK97M	Policies of the EU	C	4	0	6	ex	fall			6			Kengyel Ákos	Institute of International, Political and Regional Studies					
7GF20NAK71M	Project Course	C	0	4	6	pg	fall			6			Szabó Mátyás	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					
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.			

Regional and Environmental Economic Studies master programme in Budapest, in English, full time training Curriculum for 2020/2021. (1.) fall semester for beginning students																			
Subject Code	Subject Name	Type	Number of hours per semester hours		Credits	Evaluation	Fall or Spring Semester	2020/21 Academic year		2021/22 Academic year		Credit	Subject responsible	Institute	Requirement		Equivalent subject		Remarks
								1	2	3	4								
			Lecture	Seminar				Fall semester	Spring semester	Fall semester	Spring semester				Code	Name	Code	Name	
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			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					
7PE20NXK10M	Communication	CE	0	2	3	pg	spring				3		Aczél Petra Katalin	Institute of Communication and Sociology					
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		Szabó Mátyás	Institute of International, Political and Regional Studies					
Electives Subjects								**6**	**6**	**6**	**6**	**24**							
	Electives Subjects see enclusure	E					fall, spring												
Criterion subjects								**0**	**0**	**0**	**0**	**0**							
IOK0001NABB	Hungarian Language SHI I.*	KR	0	4	3	pg	fall	3	3				Dobos Ágota	Centre of Foreign Language Education and Research					
IOK0004NABB	Hungarian Language SHI II.*	KR	0	4	3	ex	spring	3	3				Dobos Ágota	Centre of Foreign Language Education and Research					
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

Criterion subjects:
* Hungarian Language is a compulsory subject for the students participating in the Stipendium Hungaricum scholarship program in the first two semesters.
Courses are recommended to be taken according to the prescribed time schedule of the study programme ("sample"). You can plan your own individual programme in respect of the following conditions:
1. the prerequisite system of their study-programme must be taken into consideration when registering for courses.
2. the availability of courses in the semester (most courses are offered either in the fall or in the spring semesters only)
3. completing an average of 30 credits per semester, as a general rule.

[1] Some requirements to be completed during the intensive week.

Recommendations as to what courses to attend
- The required schedule is shown in the NEPTUN curruculum. The semester is valid (active) if at least one subject is registered.
- All mandatory courses must be completed, and altogether 120 credits are necessary to receive the MA degree.
- Besides the mandatory courses the student can sign up for elective subjects (including foreign language courses). A total of 30 crecits are recommended per semester.
- Students should pay a special fee if they complete more than 132 credits' worth of courses (above 10% beyond 120 credit points).
- Students who study state-financed should pay a special fee for enrolled but unfulfilled credits (courses not completed) after the examination period (upon the end of the semester.

Information about Graduation
Pre-degree Certificate (Absolutorium) Requirements:
- 120 credits
- fulfillment of the curriculum requirements within the maximum time allowed (the number of active and passive semesters may not exceed 8 semesters).

Final Examination Requirements:
- pre-degree certificate
- accepted thesis work

The final examination comprises the defence of the thesis work, and oral exams in required subjects.
The mark of the final exam is the mean of:
- the grades given by the opponents for the thesis work
- the grade for the thesis defence (1x)
- the grade for the oral exams in the required subjects (with a weight of 2)

MA Degree Requirements:
- successful final examination

The mark of the final exam is the mathematical average of:
- credits-weighted average of the grades in the core subjects (1x)
- the grade of the final examination (2x)

Professional Core Subjects to be Counted in the Degree Qualification
Economy and Geography of Europe
Regional Economics
Environmental Economics
Introduction to Planning and Projects
Quantitative Methods, GIS
Spatial Planning and Urban Development
Urban Economics and Sociology
Cohesion and Regional Policy
Project Course
Corporate Environmental Management
Geopolitics and Geostrategies

Details can be found in the Study and Exam Regulation.