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| **Title and code** of the subject: **Agricultural and Environmental Policy, MTMKG7022A**  | **ECTS Credit Points: 3** |
| **Type** of the subject: compulsory |
| **Ratio of theory and practice:** (credit%) 70/30 |
| **Type and number of classes per semester**:28 hour(s) lecture and 14 hour(s) practice per **semester** Number of teaching hours / week : 2+1 (lecture and practice) |
| **Type of exam**: exam |
| **Subject in the curriculum:** semester 4 |
| Preliminary requirements:- |

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| **Summary of content - theory**:  |
| The general aim of the course is to increase the knowledge on rural development and agricultural policy in favour of environmentally responsible farming based on sustainable use of natural resources. Additionally, agricultural environmental management engineering students get information on agro- and environmental policies of the European Union and Hungary. Students understand the work of agricultural and environmental policy systems, and the connections among the different actions.1. History and future of the Common Agricultural Policy.
2. Common Agricultural Policy and rural development. SPS and SAPS systems, sectoral policies, organisation of agricultural market, cross-compliance.
3. Application of CAP at national level. Review of agricultural policy regulation for selected countries.
4. Definition and principles of agricultural policy. Tools of agricultural policy. The agricultural policy of the European Union.
5. Environmental protection and policy in Hungary.
6. National Environmental Protection Programmes.
7. Environmental policy and other related sectoral policies (climate, energy, transport, etc.)
8. Structural and institutional system of agricultural policy.
9. Environmental policy in the business sector, EP at company level.
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| **Summary of content - practice**: |
| Skills to be learnt: thinking in system approach and connect different aspects 1. Introduction into Agricultural Policy
2. Formulating Agricultural Policy in EU
3. Direct payment
4. Cross compliance
5. Agri-Environmental Scheme, measures
6. Agriculture and climate change
7. Organic Farming
8. Organic livestock production
9. Presentation and report
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| **Literature, handbooks in English**  |
| 1. [Tom Delreux](https://he.palgrave.com/authors/author-detail/Tom-Delreux/?sf1=name_exact&st1=TOMDELREUX&DS=Tom%20Delreux), T.-[Sander Happaerts](https://he.palgrave.com/authors/author-detail/Sander-Happaerts/?sf1=name_exact&st1=SANDERHAPPAERTS&DS=Sander%20Happaerts), S.:(2016). Environmental Policy and Politics in the European Union. Palgrave. 320.p. ISBN: 9780230244269.
2. Jordan, A.-Adelle, C.:(2012). Environmental Policy in the EU: Actors, institutions and processes. Rautledge, Abington. 392.p. ISBN: 978-1849714693
3. OECD (2016), Agricultural Policy Monitoring and Evaluation 2016 (Summary), OECD Publishing, Paris. 136.p. ISBN: 9789264253537 (PDF); 9789264259126 (EPUB); 9789264208933 (print).
4. Tangermann, S.-von Cramon-Taubadel, S.:(2013). Agricultural Policy in the European Union. Universität Göttingen. 75.p. ISSN 1865-2697.
5. Tropea, F.:(2016). Common Agricultural Policy 2014- 2020. European Parliamentary Research Service. 36.p. ISBN: 978-92-823-9357-4.
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| **Competencies gained** *(acc. to the Regulation on training and outcome requirements)* |
| 1. **Knowledge:**
* Know and understand the characteristics and speciality agribusiness related industrial production, role of environmental participators in the national economy and society.
* Know and understand and apply the principles of environmental protection, environmental and nature conservation regulations.
* Get an overview of the contexts of the European Union policy, corporate R & D & I activities, and their interactions.
1. **Skills:**
* Able to make professionally based decision and follow agricultural economy, national and international economic policy and social events and phenomena.
* Able to define, plan and organise her/his professional tasks and activities.
* Able to perform carry out her/his professional activity within existing legislation conditions.
* Able to perform basic and managerial tasks in agricultural and environmental sectoral public administration.
1. **Attitude:**
* committed to environmental protection, nature conservation and sustainable agriculture.
* legislation following behaviour.
1. **Autonomy and responsibility:**
* equal partner in the professional cooperation
* has considerable self-dependence in the field of improving comprehensive and specialized professional issues, representing and explaining professional views in the field of agriculture and environmental management.
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| **Responsible lecturer: Dr Csaba Juhász, associate professor** |
| **Other lecturer(s): Dr. Nikolett Szőllősi, assistant professor** |

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| **Terms of course completion:** |
| 1. Completing exercises
2. Giving presentation
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| **Form of examination:** |
| Colloquium |
| **Requirement(s) to get signature:** |
| a presentation and a report |

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| **Exam questions:** |
| 1. Make a list of agriculture-related environmental problems and explain them!
2. Make a list of (global) environment problems and explain them!
3. Make a list of public administration bodies performing agricultural and administrative tasks in EU level
4. Which kind of Agri-Environmental scheme and measures are used by EU?
5. What are the following: SPS, SAPS, basic payments?
6. Describe the principles of agricultural policy!
7. Describe environmental programs at national level!
8. Describe an integrated approach in the case of environmental protection and environment related regulation system!
9. Describe environmental policy at company level!
10. Describe historical background and main reforms of CAP!
11. Describe the role of Common Market Organisations for agricultural products!
12. Describe the role of Land Parcel Identification System (LPIS) in CAP!
13. Describe the goals, content and requirements of Green Direct Payment in cropland!
14. Describe the goals, content and requirements of Green Direct Payment in grassland!
15. Describe Polluter-Pays-Principle!
16. Describe Statutory Management Requirements (SMRs)!
17. Describe the goals and content of Good Agricultural and Environmental Conditions (GAECs)!
18. Describe Cross-Compliance (goals, content, role in CAP)!
19. How does the EU manage European Union's territory and how does agriculture preserves farm-genetic resources, bio-diversity, and a wide range of valuable habitats?
20. How does the EU support investments to conserve water, improve irrigation infrastructures and enable farmers to improve irrigation techniques
21. How does CAP contribute to the protection of soil from erosion and the maintenance of soil organic matter and soil structure?
22. Why ar Agri-environmental indicators a useful tool for analysing the relationship between agriculture and environment?
23. How does the Nitrate Directive achieve the reduction of water pollution by nitrates from agricultural sources preventing further pollution?
24. Summarize the importance of Organic farming (goals, practice, benefits and disadvantages)!
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