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| Name of course: **Crop production in EU** | **Credit value: 3** |
| **Course** **classification**: optional | |
| **The proportion of the practical nature of the course, „educational character”: 50/50 (credit%)** | |
| **Type of course:** 14theoretical / 14 practical, and the **total number: 28 hours** in the given **semester.**  Further (unique) means and properties of knowledge transfer: - | |
| **Exam** type (colloquium / practical grade / **other** ):  **colloquium**  Further (unique) means of knowledge verification**:** | |
| The curricular **place of the course** (which semester): **semester 1** | |
| Prerequisites (if any): **-** | |

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| **Course description: a brief, but informative description of the knowledge to be acquired (14 weeks).** |
| The objectives of the course are to give information about the ecological and economical characteristics of crop production in European Union. Importance of Common Agricultural Policy (CAP). Rural development as part of the agricultural policy.  The Maastricht Treaty, the foundation treaty of the European Union (EU). The Treaty of Rome, or EEC Treaty: the treaty establishing the European Economic Community. The General Agreement on Tariffs and Trade (GATT): Agreement on Agriculture, import restrictions. The agricultural quota system. WTO (World Trade Organization). Agricultural export subsidy in Hungary. Effect of the European agricultural guarantee fund (EAGF) and the European Agricultural Fund for Rural Development (EAFRD) on the compatibility of agricultural sector. The role of Common Market Organisation (CMO) in the regulation of the agricultural markets in the European Union (EU). System of animal and plant health regulations Status of major crop production sectors in EU.  Schedule of the Course (14 weeks):   1. History of crop production in Europe. 2. Ecological and economical characteristics of crop production in EU. 3. Institutionalization and regulation of crop production, in EU. 4. Agricultural policy and organizations in EU. 5. Characteristics and ways of organic production in EU. 6. Cereal production in EU. 7. Leguminous crops production in EU. 8. Oil crops production in EU. 9. Roots and tuber crops production in EU. 10. Other industrial crops production in EU. 11. Medicinal and aromatic plants production in EU. 12. Seed production in EU. 13. Nutrient management in field crop production in EU. 14. Water management in field crop production in EU. |
| **Required and recommended reading:** |
| **Required reading:**  Joseph A. McMahon: EU Agricultural Law and Policy. Elgar European Law series. Edward Elgar Publishing Limited. Cheltenham, UK 2019. ISBN: 978 1 78100 254 4  Floor Brouwer (edited): Nature and Agriculture in the European Union. New Perspectives on Policies that Shape the European Countryside Edward Elgar Publishing Limited. Cheltenham, UK 2002. ISBN: 978 1 84064 235 3  David Lea (Ed.): Agricultural and Mineral Commodities Year Book. Europa Publications, Taylor & Francis Group. London. 2002. ISBN: 1-85743-150-2.  **Recommended reading:**  Maurice Eddowes: Crop Production in Europe. Oxford University. 1977. ISBN-13: 978-0198594604. |
| **Competencies to be acquired, related to the course:** |
| **a) Knowledge:**   * Students will be able to proactively learn new skills and develop self for present and future progression * Students are capable to do adequate professional communication; can participate in the seed production process directly or support it * Students actively and operatively can attend to implementation of R&D projects   **b) Ability:**   * Students can understand and observe the law, protocols and regulations connecting to crop production * Able to work according to environmental regulations and health regulations   **c) Attitude:**   * Constructive approach to the professional questions * Health of the individual and society beside of environmental protection plays an important part in the professional decisions * Open to new technologies   **d) Autonomy and responsibility:**   * Students are able to bear the responsibility of the decisions and responsible for own and the attached workforce’s work * Students are decisive at the right time * Based on the professional knowledge students can set up the implementation plan of R&D projects independently, and bear the responsibility of direct managing of the development activity |

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| **Course leader** (name, post, academic degree): **Dr. Erika Tünde Kutasy PhD, assistant professor** |
| **Other lecturer(s) involved in teaching the course, if any** (name, post, academic degree): **-** |