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| **Title** of the subject: **Poisonous and prickly weeds** | **Credit: 3** |
| **Type** of the subject: facultative subject | |
| **Ratio of theory and practice: 50 / 50** (credit%) | |
| **Type and number of classes per semester**: **28 hours per semester** (1 h lecture / 1 h practice per week**)** | |
| **Type of exam**: exam / practical course mark | |
| **Subject in the curriculum:** semester 3 | |
| Preliminary requirements: *Herbology* | |

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| **Summary of content – theory and practice**: The knowledge to be acquired is concise, as well as a 14 week breakdown of lectures. |
| Some common weed species in the wild can all contain substances poisonous to humans or animals. The "Poisonous and prickly weeds" lecture help for identifies potentially dangerous and prikly plants, giving information on their distribution, kind and degree of toxicity, symptoms of their poisoning.  Course objectives:  1. The concept of poisonous and prickly weeds, their importance, and their damage.  2. Habitats of poisonous and prickly weed species, factors influencing their occurrence.  3. Recognizing poisonous weeds in their habitat.  4. Recognition of prickly weeds in their habitat.  5. Recognition of poisonous weed species in the dried state.  6. Recognition of prickly weeds in the dried state.  7. Seedlings identification.  8. Recognition of poisonous plant seeds and fruits.  9. Control against poisonous and prickly weeds I.  10. Control against poisonous and prickly weeds II.  11. Poisons of plant origin, mode of action, symptoms I.  12. Poisons of plant origin, mode of action, symptoms II.  13. Treatment of animal poisoning I.  14. Treatment of animal poisoning II. |
| **Literature, handbooks in English** |
| 1. Alden S. Crafts (1975): Modern Weed Control. University of California Press. ISBN 0-520-02733-7 2. Azamal Husen (2013): Exploring Poisonous Plants. Taylor and Francis Ltd. 3. Pammel L. H. (2021): A Manual of Poisonous Plants. Maven Books. |
| **Competencies gained** *(acc. to the Regulation on training and outcome requirements)* |
| 1. **Knowledge:**  * Knows, integrates, synthesizes and broader cultivation and management, development also places the disciplinary knowledge of plant protection in systems  1. **Skills:**  * They will be able of integrated weed management against that pose a threat to plants planning and implementation.  1. **Attitude:**  * Has the necessary knowledge to perform engineering and managerial duties. * Their work is characterized by high standard.  1. **Autonomy and responsibility:**  * They can recognize the risks and boundaries of their decisions. |

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| **Responsible lecturer: Arnold Szilágyi, assistant lecturer** |
| **Other lecturer(s): -** |

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| **Terms of course completion:** |
| * basic weed, seedling, seed and fruit identification |
| **Form of examination:** |
| Written examination |
| **Requirement(s) to get signature:** |
| Attendance at the lecture is recommended. |

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| **Exam questions:** |
| 1. List the habitats of prickly and poisonous weeds! 2. Describe the mode of action of different plant poisons! 3. How would you treat animal poisoning? |