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| Name of course: **Grassland management** | **Credit value: 3** |
| **Course** **classification**: Professional/technical subject | |
| **The proportion of the practical nature of the course, „educational character”: theorentically oriented 50% theory 50 % practical** | |
| **Type of course:** theoretical / practical, and the **total number: hours** in the given **semester.**  Further (unique) means and properties of knowledge transfer: theoretical and practical with 50-50 % proportions; 14 hours theoretical and 14 hours practical lessons | |
| **Exam** type (colloquium / practical grade / **other** ):  **practical grade based on students, individual home works**  Further (unique) means of knowledge verification**: technical ppt presentations on gives topics** | |
| The curricular **place of the course** (which semester): 3rd semester | |
| Prerequisites (if any): **-** | |

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| **Course description: a brief, but informative description of the knowledge to be acquired (14 weeks).** |
| Technical terminology of grassland ecosystems;  Products and services from garsslands;  Effects of ecological conditions on grassland production;  Functional morphology of grassland plants  Most common grassland species of home country grasslands  Grassland fertilization;  Irrigation on grasslands;  Grassland establishment  Grassland improvement and renovation;  Cultivation of permanent grasslands;  Grassland production,  Grass and grassland quality;  Grazing of grasslands;  Grassland harvesting methods. |
| **Required and recommended reading:** |
| **Required reading:**  GRASS Its production and utilization (Edited by W. Holmes), Published for British Grassland Society by Blackwell Scientific Publications, Oxford, 1998, 306. p. ISBN 0-632-02461-5  **Recommended reading:**  GRASSLAND Quietness and Stregth for a New American Agriculture (Editors: Walter F. Wedin and Steven L. Fales), American Society of Agronomy Inc. etc., 2009, 256. p. ISBN 978-0-89118-171-2 |
| **Competencies to be acquired, related to the course:** |
| **a) Knowledge:**  - **Students will have basic skills on the technical and practical knowledge of grassland management.**  **b) Ability:**  - **Students will be able to perform practical job in grassland management.**  **Student can solve practical problems in grassland management by selecting relevant methods and tools.**  **c) Attitude:**  - **Students may be open minded towards the new results and innovations in grassland science/management.**  **Students may be able to transfer the role of grasslands in modern life towards the public.**  **d) Autonomy and responsibility:**  - **Students can make a job in grassland management indipendently and under self-control.**  **Student can work in grassland management with great responsibility and and will be able to reflect to consequences of their activities.** |

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| **Course leader** (name, post, academic degree): **Prof. Géza Nagy; full prof.; CSc** |
| **Other lecturer(s) involved in teaching the course, if any** (name, post, academic degree): **-** |