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| Study Programme: Soil, Plant and Genetics – Modul: Genetics and breeding | | | |
| Course Unit Title: SYSTEMATIC OF ANGIOSPERMS | | | |
| Course Unit Code: 19.ZB7012 | | | |
| Name of Lecturer(s): Prof. Ljiljana Nikolić, PhD; Prof. Dejana Džigurski PhD; Prof. Branka B. Ljevnaić-Mašić, PhD | | | |
| Type and Level of Studies: MASTER ACADEMIC STUDIES | | | |
| Course Status (compulsory/elective): elective | | | |
| Semester (winter/summer): winter | | | |
| Language of instruction: English | | | |
| Mode of course unit delivery (face-to-face/distance learning): face-to-face | | | |
| Number of ECTS Allocated: 5 | | | |
| Prerequisites: none | | | |
| Course Aims: Acquiring knowledge about systematics and basic characteristics of angiosperms (Magnoliophyta) with emphasis on the most important crop, vegetable, industrial, medicinal, aromatic, spicy, weeds and wild taxa, as well as the practical significance diversity and biological resources. | | | |
| Learning Outcomes: Recognizing the importance of the inventory and knowledge of angiosperms, as a prerequisite for sustainable use of biological resources, as well as better understanding and more adequate use of botany knowledge in agronomic practice. | | | |
| Syllabus: <i>Theory</i> Introduction to the subject of study. Taxonomic characters of importance for the determination of plants. Life forms and classification plants. Systematics of selected representatives of angiosperms (Magnoliophyta). Biodiversity, stability and ecosystem functioning. <i>Practice</i> Introduction to the systematic position of the most economically important plants. | | | |
| Required Reading: Tatić B., Blečić V. (2002): Sistematika i filogenija viših biljaka. Zavod za udžbenike i nastavna sredstva, Beograd. Kojić M., Pekić S., Dajić Z. (2003): Botanika. Romanov, Banja Luka. Takhtajan A. (2009): Flowering Plants. Second Edition, Springer, 1-906. Stevanović V., Vasić V. Eds. (1995): Biodiverzitet Jugoslavije sa pregledom vrsta od međunarodnog značaja. Biološki fakultet i Ecolibri, Beograd. Jančić R., Stojanović D. (2008): Ekonomska botanika. Zavod za udžbenike i nastavna sredstva, Beograd. | | | |
| Weekly Contact Hours: | Lectures: | Practical work: | |
| Teaching Methods: Lectures, Practice, Consultations | | | |
| Knowledge Assessment (maximum of 100 points): | | | |
| Pre-exam obligations | points | Final exam | points |
| Active class participation | 5 | written exam | - |
| Practical work | 5 | oral exam | to 50 |
| Test | 20 | | |
| Seminar(s) | 20 | | |
| The methods of knowledge assessment may differ; the table presents only some of the options: written exam, oral exam, project presentation, seminars, etc. | | | |