

Tárgytematika / Course Description

Botany

MENB_VKTA016

Tárgyfelelős neve /

Teacher's name: dr. Pinke Gyula

Félév / Semester: 2020/21/1

Beszámolási forma /

Assesment: Vizsga

Tárgy heti óraszám /

Teaching hours(week): 2/1/0

Tárgy féléves óraszám /

Teaching hours(sem.): 0/0/0

OKTATÁS CÉLJA / AIM OF THE COURSE

Students are introduced to the structure and function of plants as well as their diversity and ecology. Topics covered include the plant anatomy, morphology, evolution, and classification. Students will gain a special understanding of the origins of economically important plants; use of flowers and fruits, roots, stems and leaves for food and other purposes.

TANTÁRGY TARTALMA / DESCRIPTION

1. Lecture: Plant taxonomy. Practical class: Living plant identification
2. Lecture: Plant taxonomy. Practical class: Living plant identification
3. Lecture: Plant taxonomy. Practical class: Living plant identification
4. Lecture: Plant taxonomy. Practical class: Living plant identification
5. Lecture: Plant taxonomy. Practical class: Crop identification
6. Lecture: Plant taxonomy. Practical class: Crop identification
7. Lecture: Plant taxonomy. Practical class: Crop identification
8. Lecture: Plant taxonomy. Practical class: Crop identification
9. Lecture: Plant taxonomy
10. Lecture: Plant taxonomy
11. Lecture: Plant morphology
12. Lecture: Plant histology
13. Lecture: Plant geography
14. Lecture: Plant ecology

SZÁMONKÉRÉSI ÉS ÉRTÉKELÉSI RENDSZERE / ASSESSMENT'S METHOD

Attendance and participation is required during all lectures and practical classes.

Two practical exams based on the identification of living green plants and crops in figures will be given throughout the semester. A final exam will be given at the end of the course from the topics of the lectures.

KÖTELEZŐ IRODALOM / OBLIGATORY MATERIAL

Compulsory and recommended literature:

Briggs D, Walters SM (2016): Plant Variation and Evolution, 4th Edition. Cambridge University Press

Shipunov A (2018): Introduction to Botany. http://herba.msu.ru/shipunov/school/biol_154/textbook/intro_botany.pdf

Study Guide to the Science of Botany. A Free Online Textbook. <https://en.wikibooks.org/wiki/Botany>