# Tárgytematika / Course Description
## Botany

**MENB_VKTA016**

**Tárgyfelelős neve / Teacher's name:** dr. Pinke Gyula
**Félév / Semester:** 2023/24/1
**Beszámolási forma / Assesment:** Vizsga
**Tárgy heti óraszáma / Teaching hours(week):** 2/1/0
**Tárgy féléves óraszáma / 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. 1. Lecture: Plant taxonomy. Practical class: Living plant identification
2. 2. Lecture: Plant taxonomy. Practical class: Living plant identification
3. 3, Lecture: Plant taxonomy. Practical class: Living plant identification
4. 4. Lecture: Plant taxonomy. Practical class: Living plant identification
5. 5. Lecture: Plant taxonomy. Practical class: Crop identification
6. 6. Lecture: Plant taxonomy. Practical class: Crop identification
7. 7. Lecture: Plant taxonomy. Practical class: Crop identification
8. 8. Lecture: Plant taxonomy. Practical class: Crop identification
9. 9. Lecture: Plant taxonomy
10. 10. Lecture: Plant taxonomy
11. 11. Lecture: Plant morphology
1. 12. Lecture: Plant histology

2. 13. Lecture: Plant geography

3. 14. Lecture: Plant ecology

## SZÁMONKÉRÉSI ÉS ÉRTÉKELÉSI RENDSZERE / ASSESMENT'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

## AJÁNLOTT IRODALOM / RECOMMENDED MATERIAL