

Plant Anatomy and Physiology

Lecturer: Dr. Ágnes Csiszár PhD.; Viktor Tiborcz

Institute: University of Sopron, Faculty of Forestry, Department of Botany and Nature Conservation

Course code: EG221-0AA00

Credit points: 3

Time table: Lecture:2/Lab:1

Language: English

Course description

Topics

Lectures: Morphology: morphology of plant organs, root, stem, leaf, flower, inflorescence, fruit and seed. Plants anatomy: cells and tissues, anatomy of plant organs: gymnosperms and angiosperms. Physiology: water and nutrient uptake, transpiration, regulation of growth and development: plant hormones, photosynthesis and respiration.

Seminars: Morphology: morphology of plant organs, root, stem, leaf, flower, inflorescence, fruit. Plants anatomy: plant tissues, anatomy of plant organs: root, stem, leaf, flower and fruit.

References

1. RAVEN, P. H. – EVERT, R. F. – EICHHORN, S. E. (2013): Biology of Plants. – 8th Edition, W.H. Freeman/Palgrave Macmillan. 900 pp.