

Plant physiology Course Description

Faculty: Natural Sciences

Study program: Bachelor Biology & Chemistry

Course Title: Plant physiology

Course Credits: 9

Language of Instruction: Albanian

Course Description: "Physiology of plants" is a characterizing formation course. It provides to the students formative knowledges according to the means, metabolic pathways and physiological processes based on which green plants and othe autotrophic living beings generally function and adapt to the environmental factors. Well understanding of plant growth and development principles directly involve and increase students' capabilities to face nowadays critical worldwide problems such are: species and habitats conservation, agricultural and food production, continuous climate/environment changes and respective plants role and consequences.

Course Goals: The course aims to fullfill the student's biological formation with fondamental plant physiology theoretical concepts, introduce to them with the contemporary scientific research methodologies/techniques on studing plant functions. Additionally it enables the students to observe and practice the development of plant life phenomena through laboratory and field experimentation.

Course Requirements: Alernative continous control manners include attendace of and activation in: the lectures which are optional, the seminars which are obligatory up to 75%, the laboratory sessions, two portofolio assignements which are obligatory, such as even the final exam.

Grading: Continous control:20 points, the final exam:80 points

Course Schedule: Third year of study Program, Semester I 15 weeks (2 hour lectures and1 hour lab/ week), and Semester II 14 weeks (2 hour lectures, 1 hour lab and 1 hour seminar/ week).