



Plant Systematics

The aim of the course is the recognition, description and explanation of the diversity of different plant species and their rankings in a hierarchical system as simple and understandable as possible, based on situated natural kindred. Also, students practice in observation of common morphological traits of main Greek flora families as well as to find the scientific names of plants.

Course description: Introduction, purpose, objectives and development periods of systematic Botany. Utility and economic interest of plant species. Biodiversity. Plant systematic units of discrimination, General and specific concepts, terminology. Reproductive organs and ways of propagation of plants. Inferior evolutionarily plants-plants Prokaryotic (Bacteriophyta, Cyanophyta) and Eukaryotic plants (Phycophyta, Mycophyta, Lichenophyta, Pryophyta, Pteridophyta). Superior evolutionary plants- Spermatophytes and their Subdivisions (Gymnospermae and Angiospermae). Summary report on all totals and detailed sum of Spermatophytes and especially of Angiospermae (class Dicotyledones, different classes of dikotyledones and monocot.