

Title:	Systematic botany
Lecture hours:	30 (15+15)
Study period: (summer/winter)	winter
Number of credits:	3
Assessment methods:	test/oral exam;
Language of instruction:	English
Prerequisites:	Knowledge of botany at the secondary school level
Course content:	Basics of plant taxonomy, comparison of main plant systems. Elementary rules of APG IV. Short introduction to Stramenopiles and Archaeplastida. Presentation of main groups of green plants with their characteristics: Liverworts, Mosses, Hornworts, Lycophytes, Ferns and seed plants. Characterisation of extant Gymnosperms. Taxonomy of Angiospermae, presentation of main clades, orders and families, examples of species. Presentation of main families of flowering plants and basic rules of their identification.
Learning outcomes:	Students get acquainted with basics of plant taxonomy and contemporary systems of plants (APG IV). Students distinguish between major groups of plant organisms and identify their main characteristics. Student recognize main families of flowering plants and use the theoretical knowledge on plants' structure in practical identification of plants.
Name of lecturer:	Katarzyna Marcysiak Ph.D. D.Sc.
Contact (email address):	marc@ukw.edu.pl
Literature:	http://www.mobot.org/MOBOT/research/APweb/(ANGIOSPERM PHYLOGENY WEBSITE) Cole & Hilger. 2016. Tracheophyte Phylogeny Poster (TPP) - Vascular Plants: Systematics and Characteristics; Cole & Hilger 2016. Angiosperm Phylogeny Poster - Flowering Plant Systematics, Update to APG IV 2016