

COURSE DESCRIPTION

Academic year: 2026/2027	
University: Comenius University Bratislava	
Faculty: Faculty of Pharmacy	
Course ID: FaF.KFB/03-Mgr-A/26	Course title: Pharmaceutical Botany
Educational activities: Type of activities: lecture / laboratory practicals Number of hours: per week: 2 / 3 per level/semester: 28 / 42 Form of the course: on-site learning	
Number of credits: 6	
Recommended semester: 4.	
Educational level: I.II.	
Prerequisites:	
Course requirements: Lectures: attendance on all lectures while maintaining the possibility of excused absence Practical lessons: active attendance on practical lessons, students have to pass two tests: 1. Anatomy of the plants (20 points); 2. Identification of the plants (20 points) Final exam: test (60 points) Final grade: A = 100 - 92 pts.; B = 91 – 84 pts.; C = 83 – 76 pts.; D = 75 – 68 pts.; E = 69 – 60 pts. FX = 59 pts. and less (not pass) Scale of assessment (preliminary/final): 40/60	
Learning outcomes: Students will learn the fundamentals of plant anatomy, plant morphology and plant systematic with special emphasis on medicinal plants. Students will benefit from acquired knowledge in subjects: Medicinal plants and Pharmacognosy.	
Class syllabus: Main attention in the field of systematic botany and ecology is paid to basic taxonomical units with respect to diacritical characteristic of medicinal plants. In the field of plant cytology the course focuses on morphological and functional differences of plant cells and on cell inclusions that present determinant characteristic in plant/drug description. The anatomy of individual types of plant tissues is detail in accordance with their development stage attributes and function. In the field of organology the course focuses on the anatomy and morphology of particular plant tissues with respect to specific characteristics of pharmaceutically important species.	
Recommended literature: Ďuriška O., 2025: Pharmaceutical botany – presentations in electronic form Siphunov A. 2020: Introduction to botany Spurná V., 1998: Pharmaceutical botany I. Plant cell and plant tissues Spurná V., 1999: Pharmaceutical botany II. Plant morphology Takhtajan A., 2009: Flowering plants	
Languages necessary to complete the course:	

Notes:						
Past grade distribution Total number of evaluated students: 0						
A	ABS	B	C	D	E	FX
0,0	0,0	0,0	0,0	0,0	0,0	0,0
Lecturers: Mgr. Ondrej Ďuriška, PhD.						
Last change: 30.05.2026						
Approved by: prof. PharmDr. Pavel Mučaji, PhD., prof. Ing. Miroslav Habán, PhD.						