

**Academic discipline:
"Botany"**

Code and name of specialty	6-05-0113-03 Natural science education (biology and chemistry)
Training course	1,2
Semester of training	1,2,3
Number of class hours	144
Lectures	50
Seminar classes	24
Practical classes	
Laboratory classes	70
Form of current assessment (credit/differential credit/exam)	Exam, credit
Number of credits	9
Competencies to be formed	Mastering the discipline "Botany" should ensure the formation of basic professional competencies: to possess a system of knowledge about macro- and microstructure, physiology, systematics, the importance of living organisms in natural ecosystems and human life for the formation of scientific ideas about structure, vital activity and diversity.
Summary of the content of the academic discipline:	
The academic discipline "Botany" allows to master the basics of fundamental and practical knowledge in the field of modern biological sciences such as anatomy, morphology, systematics, plant ecology. The academic discipline "Botany" forms a system of knowledge about the structure and diversity of lower and higher plants and fungi in the relationship to their structural and functional organization, biology, lifestyle, ecology, evolution, distribution, significance in nature and practical use in human economic activity.	