

**Academic discipline:
«Cytology»**

Code and name of specialty	6-05-0113-03 Natural Sciences Education (biology and chemistry)
Training course	1
Semester of training	1
Number of classhours:	50
Lectures	8
Seminar classes	20
Practical classes	-
Laboratory classes	22
Form of current assessment (credit/differential credit/exam)	exam
Number of credits	3
Competencies to be formed	Learning the discipline «Cytology» should provide the formation of basic professional competences: to be able to use the principles of cellular organisation of biological objects, patterns of reproduction and individual development of biological objects, fundamentals and methods of research of biological material in professional activities.
<p>Brief content of the academic discipline:</p> <p>The discipline «Cytology» is the basis for the study of plant anatomy and morphology, algology, mycology and plant systematics, zoology, microbiology, histology with the basics of embryology, genetics, plant physiology, human and animal physiology, basics of immunology, biotechnology, evolutionary teaching. It forms a system of knowledge about the structure, functioning and reproduction of the cell as the smallest structure of the living system - the unit of structure of living organisms.</p>	