

Academic discipline:
«Physics»

Code and name of specialty	1-80 02 01 Biomedical Science
Training course	1
Semester of training	2
Number of classhours:	96
Lectures	42
Seminar classes	-
Practical classes	26
Laboratory classes	28
Form of current assessment (credit/differential credit/exam)	exam
Number of credits	6
Competencies to be formed	Learning the discipline «Physics» should provide the formation of universal and basic professional competences: to possess a culture of thinking, to be able to perceive, generalise and analyse information, philosophical, worldview problems; to be able to apply the basic theoretical and methodological provisions of physics and higher mathematics in conducting scientific research and practical activities in the field of biology and medicine.
<p style="text-align: center;">Brief content of the academic discipline:</p> <p>The discipline «Physics» is divided into the following sections: the role of physics in the natural sciences; physical quantities and units of measurement; basic mechanics; basic molecular physics and thermodynamics; electricity and magnetism; optics; basic quantum optics and the physics of atoms and molecules; atomic nucleus physics.</p>	