

**Academic discipline:  
"Biotechnology"**

<b>Code and name of specialty</b>	1-80 02 01 Biomedical science
<b>Training course</b>	3
<b>Semester of training</b>	6
<b>Number of class hours:</b>	96
<b>Lectures</b>	40
<b>Seminar classes</b>	-
<b>Practical classes</b>	26
<b>Laboratory classes</b>	30
<b>Form of current assessment (credit/differential credit/exam)</b>	Exam
<b>Number of credits</b>	6
<b>Competencies to be formed</b>	To be able to apply modern knowledge about the basics of biotechnological and biomedical production, genetic engineering, nanobiotechnology, molecular modeling
<p style="text-align: center;"><b>Summary of the content of the academic discipline:</b></p> <p>The academic discipline "Biotechnology" is closely related to other biological disciplines ("Microbiology", "Virology", "Immunology", "General Biochemistry") and is aimed at studying the theoretical and practical foundations of biomedical sciences, biochemistry and molecular biology used to develop new technologies in biopharmaceuticals, modern diagnostic tools, biocompatible materials and cellular technologies, as well as the characteristics used for this objects and the methods of their creation.</p>	