

**The name of the academic discipline:
“Physicochemical methods of analysis in medicine”**

Specialty code and name	1-80 02 01 Biomedical Science
Year of study	4
Semester of study	7
Number of in-class academic hours:	48
Lectures	16
Seminar classes	-
Practical classes	10
Laboratory classes	22
Form of the current assessment (<i>credit/graded credit /exam</i>)	exam
Number of credit points	3
Competences	Mastering the academic discipline “Physicochemical methods of analysis in medicine” should ensure the formation of specialized competencies: being able to perform clinical and laboratory biochemical, cytological, immunological and other studies in laboratory and diagnostic departments of healthcare organizations and laboratory units of sanitary and epidemiological organizations.
<p style="text-align: center;">Summary of the academic discipline:</p> <p>The academic discipline “Physicochemical methods of analysis in medicine” is based on the knowledge base obtained in the courses: “General and inorganic chemistry”, “Analytical chemistry”, “Physical and colloidal chemistry”. The purpose of the course is to familiarize students with the theoretical foundations and possibilities of using instrumental methods of separation, concentration, identification, qualitative and quantitative analysis in biology and medicine.</p>	