

**The name of the academic discipline:
“ICT in teaching chemistry”**

Specialty code and name	1- 02 04 01 Biology and Chemistry
Year of study	4
Semester of study	7
Number of in-class academic hours:	50
Lectures	12
Seminar classes	-
Practical classes	14
Laboratory classes	24
Form of the current assessment (<i>credit/ graded credit /exam</i>)	credit
Number of credit points	3
Competences	Mastering the academic discipline “ICT in Teaching Chemistry” should ensure the formation of specialized competencies: using information and communication technologies in the educational process when carrying out research activities in chemistry to form an information culture.

Summary of the academic discipline:

The academic discipline “ICT in teaching chemistry” is based on the knowledge obtained in studying chemical disciplines in the 1st-3rd years: “General Chemistry”, “Organic Chemistry”, “Analytical Chemistry”, “Physical and Colloid Chemistry”, “Physico-chemical Methods of Research”.

Studying the course is necessary for future teachers of chemistry and biology in their professional activities, organizing the scientific research activities of students based on the use of information communication technologies. In addition, a modern teacher must teach children to safely and usefully choose information and communication tools that will help them obtain information for acquiring knowledge, carrying out research projects, etc., help them navigate the choice of professions, including those related to robotics, engineering and IT.