

Academic discipline:
" Molecular Physics and thermodynamics "

Code and name of specialty	1-02 05 02 Physics and Informatics
Training course	2
Semester of training	3
Number of class hours:	108
Lectures	40
Seminar classes	-
Practical classes	28
Laboratory classes	40
Form of current assessment (credit/differential credit/exam)	exam
Number of credits	5
Competencies to be formed	To carry out research and experimental activities in solving problems of physical kinetics
Summary of the content of the academic discipline:	
The discipline "Molecular Physics and thermodynamics" includes the following sections: Basic concepts of molecular physics and thermodynamics., Mass and size of molecules. Ideal gas. Gas laws. The phenomenon of transference. Fundamentals of thermodynamics. Real gas. Liquids. Solid bodies.	