

**The name of the academic discipline:
«Methods for processing measurement results»**

Code and name of specialty	6-05-0113-04 Physical and Mathematical Education (physics and informatics)
Training course	1
Semester of training	1
Number of class hours:	34
Lectures	6
Seminar classes	-
Practical classes	16
Laboratory classes	12
Form of current assessment (credit/differential credit/exam)	credit
Number of credits	3
Competencies to be formed	Mastering the discipline "Methods for processing measurement results" should ensure the formation of universal competence: to search, analyze and evaluate the information necessary for setting and solving research problems; basic professional competence: apply the methodology for the formation of physical concepts and teaching the solution of physical problems, conducting a workshop, a physical experiment in the educational process at the level of general secondary education; specialized competence: apply methods and tools for measuring and processing the results of physical instruments
Summary of the academic discipline:	
The discipline "Methods for processing measurement results" includes the following sections: the concept of physical knowledge; mathematical foundations of physical experiment; metrological bases of physical experiment; methods for processing direct measurements; methods for processing indirect equal measurements; methods for processing joint measurements.	