

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

<b>Code and name of specialty</b>	1-02 05 02 Physics and Informatics
<b>Training course</b>	1
<b>Semester of training</b>	1
<b>Number of class hours:</b>	34
<b>Lectures</b>	6
<b>Seminar classes</b>	-
<b>Practical classes</b>	16
<b>Laboratory classes</b>	12
<b>Form of current assessment (credit/differential credit/exam)</b>	credit
<b>Number of credits</b>	3
<b>Competencies to be formed</b>	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
<b>Summary of the academic discipline:</b>	
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.	