

**The name of the academic discipline:
«Algorithmization and programming methods»**

Code and name of specialty	6-05-0113-04 Physical and Mathematical Education (physics and informatics)
Training course	1
Semester of training	1/2
Number of class hours:	112
Lectures	40
Seminar classes	-
Practical classes	16
Laboratory classes	56
Form of current assessment (credit/differential credit/exam)	Credit/exam
Number of credits	3/3
Competencies to be formed	Mastering the academic discipline "Algorithmization and programming methods" should ensure the formation of basic professional competence: Apply methods and technologies of algorithmization and programming to implement the educational process.
<p>Summary of the academic discipline:</p> <p>" Algorithmization and programming methods" is an academic discipline that forms the professional competencies of a teacher of physics and computer science in the field of programming technologies and algorithmization methods. The program includes the following sections: Reference data types arrays and strings in C#, Methods in C#, Structures in C#, Programming in Python.</p>	