

**Academic discipline:  
" Programming languages "**

<b>Code and name of specialty</b>	1-40 01 01 Information Technology Software
<b>Training course</b>	2
<b>Semester of training</b>	3
<b>Number of class hours:</b>	52
<b>Lectures</b>	20
<b>Seminar classes</b>	-
<b>Practical classes</b>	-
<b>Laboratory classes</b>	32
<b>Form of current assessment (credit/differential credit/exam)</b>	credit
<b>Number of credits</b>	3
<b>Competencies to be formed</b>	To design programming language compilers
<p><b>Summary of the content of the academic discipline:</b></p> <p>The course "Programming languages" is focused on acquisition of knowledge on concepts underlying modern programming languages, formation of skills of application of programming languages for solution of various tasks, study of principles of formalisation of tasks and their translation into artificial language with the purpose of implementation on computer. The discipline includes syntax and semantics of high-level language, syntax and semantics of machine-oriented low-level language, basic principles and technologies of translator's construction.</p>	