

**PROGRAM OF THE COURSE**  
**Fields of knowledge 12 Information technologies**  
**Specialties 122 Computer science**

Code of EC	Educational components (academic disciplines, course projects (works), practices, qualification work)	ECTC credits	Forms of final control	Program of the course
<b>GENERAL TRAINING CYCLE</b>				
<i>MANDATORY EDUCATIONAL COMPONENTS</i>				
MC1	Methodology of scientific research (English)	5	TEST	<a href="#">Program of the course</a>
<i>SELECTIVE EDUCATIONAL COMPONENTS</i>				
SC1	MAS-MINOR	5	TEST	<a href="#">Program of the course</a>
SC2	MAS-MINOR	5	TEST	<a href="#">Program of the course</a>
<b>PROFESSIONAL TRAINING CYCLE</b>				
<i>MANDATORY EDUCATIONAL COMPONENTS</i>				
MC2	Methods of testing and quality assessment of software systems	4	TEST	<a href="#">Program of the course</a>
MC3	Information systems in the organization and management of it enterprises	5	EXAM	<a href="#">Program of the course</a>
MC4	Distributed data storage	5	TEST	<a href="#">Program of the course</a>
MC5	Cloud computing	5	EXAM	<a href="#">Program of the course</a>
MC6	High Performance Systems of Processing and Analysis of Big Data	5	EXAM	<a href="#">Program of the course</a>
MC7	Modern methodologies and development environments of computer information systems	5	TEST	<a href="#">Program of the course</a>
MC8	Complex training	3	REPORT	<a href="#">Program of the course</a>
MC9	Course work: development of computer information systems	1	COURSE WORK	<a href="#">Program of the course</a>
MC10	Pre-graduate practice	12	REPORT	<a href="#">Program of the course</a>
MC11	Diploma work	15	DIPLOMA WORK	<a href="#">Program of the course</a>
<i>SELECTIVE EDUCATIONAL COMPONENTS</i>				
SC3	MAJOR 1	5	EXAM	<a href="#">Program of the course</a>
SC4	MAJOR 2	5	EXAM	<a href="#">Program of the course</a>
SC5	MAJOR 3	5	EXAM	<a href="#">Program of the course</a>