

	Volodymyr Vynnychenko Central Ukrainian State University	Silabus of the academic discipline			
		Philosophy of Scientific Knowledge			
		Status of discipline: <u>Normative</u>			
Field of knowledge	01 "Education/Pedagogy				
Specialty Спеціальність	014 "Secondary Education (by subject specialties)"				
Educational program	«Secondary education (chemistry, biology and human health)»				
Level of higher education	Second (Master's) level of higher education				
Form of training	Full-time / part-time form				
Course	I				
Semester	I				
Scope of discipline	Credits	3	Hours	90	
	Lectures			20/6	
	Practical / seminars			14/4	
	Laboratory			0	
	Independent work			56/80	
Semester control	<i>Credit</i>				
Professor	Kharchenko Y.V.. Doctor of Philosophical Sciences, Professor of the Department of Philosophy, Political Science and Psychology				
Контактна інформація					
Department	Department of Philosophy, Political Science and Psychology				
Faculty	History, business education and law				
The subject of study	<p>The study of the course "Philosophy of Scientific Knowledge" is an important factor in the intellectual and spiritual development of students, the formation of students' ability to adequately understand and solve theoretical, methodological, worldview problems of modern science.</p> <p>The proposed program is designed to provide students with a holistic presentation of the main problems of the philosophy of scientific knowledge at the level of an objective, ideologically unbiased modern vision of the problems of modern science.</p>				
Purpose	<p>The purpose of the discipline "Philosophy of Scientific Knowledge" is to identify the specifics of intellectual activity in a new type of society (multidimensional) that is being formed.</p>				
Competencies	<p>Integral competence Ability to solve research and / or innovative problems of teaching chemistry, biology and human health in the field of general secondary and higher education.</p> <p>GC 2. Possession of critical thinking skills.</p> <p>GC 5. Ability to abstract thinking, analysis and synthesis, including search, processing and analysis of information from various sources.</p> <p>GC 9. Ability to act on the basis of ethical considerations (motives), to make effective decisions in professional activities and responsible attitude to responsibilities, motivating people to achieve a common goal.</p> <p>Professional competencies of the specialty (PC)</p> <p>SC 6. Ability to implement the conceptual foundations, goals,</p>				

	<p>objectives, tasks, principles of the functioning of the education system in professional activities, to realize and appreciate the interdependence of people and systems in the global world.</p> <p>SC 8. Ability to implement practical skills: design, constructive, adaptive, Gnostic, motivational, research, professional and communicative in the field of professional activity.</p> <p>SC 11. Ability to create and apply innovative technologies in the field of professional activity, in standard, non-standard and uncertain situations.</p> <p>SC 14. Ability to integrate knowledge and solve complex problems, conduct research and / or innovative activities to develop new knowledge and procedures in the field of professional activity.</p>
Program results	<p>The program learning outcomes correspond to the components of the educational program:</p> <p>PR 14. Organize teaching of chemistry, biology and human health and manage the educational process, establish cooperation with various social institutions, categories of specialists in standard, non-standard and uncertain conditions.</p> <p>PR 15. Work independently and autonomously, make informed decisions and take responsibility for their consequences, act honestly and with integrity, avoiding plagiarism, corruption and other forms of dishonest behaviour.</p>
Content of the discipline	<ol style="list-style-type: none"> 1. <i>Theory and practice in the philosophy of scientific knowledge.</i> 2. <i>The place of scientific theory in the philosophy of scientific knowledge.</i> 3. <i>The role of classical and non-classical science in the context of the formation of philosophy of scientific knowledge.</i>
Criteria for evaluating students' work	<p>The discipline "Philosophy of Scientific Knowledge" provides such a form of semester control as a test, which is held at the end of the semester.</p> <p>The total number of points in the discipline (maximum 100 points) is determined as the sum of the points of the current control. The credit is given based on the results of the student's work throughout the semester.</p> <p>For all students who have fully completed the curriculum and are positively certified in this discipline (scored at least 60% of 100 points), the total result of semester control in points and a two-level scale of "passed", "failed", according to the ECTS scale is entered in the Student's Record of Progress, Student's Record Book. The completed and executed academic record is returned to the dean's office within a specified period of time personally by the teacher.</p> <p>In case of receiving less than 60 points (FX, F) according to the results of semester control, the student must retake the exam to eliminate academic debt.</p>
Course policy	<p>Current control is an assessment of the student's academic achievements (level of theoretical knowledge and practical skills on the topics of the discipline) during classroom classes, organization of independent work, consultations (during the work of missed classes or if you want to improve the previous grade) and student activity in the classroom.</p> <p>Current control is implemented in the form of surveys, speeches at seminars, express control, control of mastering the educational material planned for independent study by the student, etc.</p>
Information	<p><i>online resources, software.</i></p>

provision	
Material and technical support	<i>Classroom of theoretical training, laptop, smartphone, scientific literature, presentation materials.</i>