

1. Name. Philosophy of science

2. Code. 2601

3. Type. General subject

4. Year of study. 2018-2019

5. Semester. I

6. Number of ECTS credits - 5.

7. Name of lecturer, degree, position. Valentin Fedorovich Cheshko, Ph.D.,
prof.

8. Study results:

the formation of the modern scientific world outlook of the students who get educational-scientific degree of doctor of philosophy; the mastering of the plural methodology of research programs and the awareness of systemic-methodological (cultural, political, socio-economic, cognitive-cognitive, etc.) problems which are directly or indirectly related to the progress of science and technologies and the development of technogenic civilization in general, namely:

- assimilation of the content and structure of modern scientific theory in the field of humanities, natural sciences and especially socio-economic sciences (science as a form of knowledge);

- mastering of methods and means, technology of production of new scientific knowledge and checking it for reliability and substantiality (science as a form of cognitive activity);

- understanding of social functions of science in modern society; awareness of the ethos of science (science as a social institution).

9. Compulsory prior academic disciplines. "Philosophy", "Economic Theory", "Culturology".

10. Content. Science as a phenomenon of culture. Science in the life of modern civilization. Traditional and technogenic types of civilization development and their basic values. Genesis and evolution of technogenic civilization. Modern phase of the evolution of technogenic civilization. Functions of science in the life of society (science as a world outlook, as productive and social power). Genesis and evolution of science. Overview of the history of science. Formation of science as a professional activity. The emergence of disciplined organized science. Science as a social institution. Historical development of institutional forms of scientific activity. Scientific communities and their historical types. Social determination of socio-economic and technological knowledge. The problem of truth and rationality in the natural and social sciences and humanities. *Logic-methodological structure of science.* The variety of types of scientific knowledge. Empirical and theoretical levels, criteria for their differentiation. Structure of empirical knowledge. The structure of theoretical knowledge. Theoretical models as an element of the internal organization of theory. Epistemology and epistemology. Concepts of truth and its criteria (correspondent, semantic and pragmatic concepts of truth). The problem and methods of checking the validity of scientific theory. Ontology of science. Global evolutionism as a synthesis of evolutionary and systemic approaches. The main characteristics of modern post-classical science. Convergence of the ideals of natural sciences and social and humanitarian knowledge. Modern processes of differentiation and integration of sciences .. The problem of science and technology as a source of

existential risk. Post-classical science and world-view guides of technogenic civilization. Scientist and antiscientism. Inclusion of social values in the selection of research strategies.

11. Recommended sources.

Vvedeniye v filosofiyu: Ucheb. posobiye dlya vuzov / Avt. koll.: Frolov I. T. i dr. ; [3-e izd.. pererab. i dop.]. – M. : Respublika. 2003. – 623 s.

Gorskiy V. S. Istoriya ukraïnskoï filosofii: Navchalniy posibnik. – K.: Naukova dumka. 2001. – 376 s.

Istoriya filosofii: Zapad – Rossiya – Vostok. Kniga pervaya Filosofiya drevnosti i Srednevekovia: Uchebnik dlya vuzov / Pod red. N. V. Motroshilovoy. – 2-e izd.. ispr. i dop. – M. : Akademicheskii Proyekt. 2012. – 435 s. – (Kontseptsii); Kniga vtoraya: Filosofiya XV–XIX vv.: Uchebnik dlya vuzov / Pod red. N. V. Motroshilovoy. — 2-e izd.. ispr. — M. : Akademicheskii Proyekt. 2012. – 485 s. – (Kontseptsii); Kniga tretia: Filosofiya XIX–XX vv.: Uchebnik dlya vuzov / Pod. red. N. V. Motroshilovoy. A. M. Rutkevicha. – 2-e izd.. ispr. i dop. – M. : Akademicheskii Proyekt. 2012. – 443 s. – (Kontseptsii); Kniga chetvertaya: Filosofiya XX vv.: Uchebnik dlya vuzov / Pod. red. N. V. Motroshilovoy. A. M. Rutkevicha. – 2-e izd.. ispr. i dop. – M. : Akademicheskii Proyekt. 2012. – 426 s. – (Kontseptsii).

Novaya filosofskaya entsiklopediya. V 4-kh tt. / In-t filosofii RAN; Nats. obshchestv.-nauch. fond; Preds. nauchno-red. soveta V.S. Stepin. – T. 1. – M. : Mysl. 2000. – 722 s.; T. 2. – M. : Mysl. 2001. – 636 s.; T. 3. – M. : Mysl. 2001. – 694 s.; T. 4. – M. : Mysl. 2001. – 606 s.

Russell, Bertrand. History of the Philosophy / Bertrand Russell; transtaltion from English - K.: Founded, 1995. - 760 p.

Russell B. The Wisdom of the West: A Historical Study of Western Philosophy Due to Social and Political Circumstances / Bertrand Russell; translation from English - M.: Republic, 1998. - 479 p.

Sovremennaya zapadnaya filosofiya : [clovar] / sost. i otv. red. V. S. Malakhov. V. P. Filatov. – [2-e izd.. pererab. i dop.]. – M. : TON-Ostozhye. 2000. – 544 s.

Sotsialnaya filosofiya: Slovar/ Sost. i red. V. E. Kemerov. T. Kh. Kerimov. – 2-e izd.. ispr. i dop. – M. : Akademicheskii Proyekt; Ekaterinburg: Delovaya Kniga. 2006. – 624 s. – («Summa»).

Filosofiya: Navchalniy posibnik / Za red. I. F. Nadolnogo. – K.: Vikar. 1997. – 584 s.

Filosofiya: Pidruchnik / Bichko I. V.. Boychenko I. V.. Tabachkovskiy V. G. ta in. – K.: Libid. 2001. – 408 s.

Filosofiya nauki. Navchalniy posibnik dlya aspirantiv ekonomich nikh spetsialnostey vuziv. – Druge. pereroblene i dopovnene vidannya / Kuz O.M.. Cheshko V.F. – Kharkiv: Vid. KhNEU. 2016 r. – 179 s.

12. Methods of study. Lectures, practical classes and seminars, lectures of problematic character, seminars-discussions, business games, review of cases, presentations.

13. Methods of assessment: ongoing control (test, survey, interactive survey, individual tasks, tests, colloquia, essay); final control (differentiation credit).

14. Language of instruction. Ukrainian