



Syllabus of the course Methodology of scientific research

Educational-professional programme: «International economics»

Speciality: 051 «Economics»

Degree of higher education – Master

Year of study: I, Semester: I

Number of Credits: 5 Language of study: English

Course supervisor

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Course description

"Methodology of Scientific Research" is to provide future professionals with a systematic understanding of the theoretical and practical basis of effective scientific research in the field of economics.

The tasks of the course of studying the discipline "Methodology of scientific research" are:

- introducing students to modern methodological concepts, the basics of the methodology of scientific knowledge and the methodology of scientific research;
- formation of a holistic view of the research process;
- mastering the skills of forming and using a conscious methodological position of scientific research;
- improving skills in: the field of scientific research, carrying out a search, selecting and processing scientific information, accurately formulating the goal, tasks and conclusions of the research.

Structure of the course

Hours (lectures / seminars)	Topic	Learning outcomes	Tasks
6 / 2	Topic 1. General methodological issues of the development of science and scientific knowledge	to understand the content of science and its functions, to master approaches to defining the subject of science, the history of its development, the evolution of scientific forms of knowledge and changes in scientific paradigms.	tests

4 / 2	Topic 2. Methodological foundations of scientific knowledge	to master the methodological foundations of scientific knowledge, basic methodological approaches of economic science and modern methodological alternatives.	task
4 / 2	Topic 3. Characteristics of scientific methodology and research methods: general scientific research methods	to learn the essence of general scientific and specific scientific methodology, to master the classification of scientific research methods and the content of the most common of them.	In-class questions
4 / 2	Topic 4. Characteristics of scientific methodology and research methods: special methods of scientific research	to understand the role of special methods in the research process.	tests
6 / 2	Topic 5. Academic integrity and academic writing	to learn the principles of academic integrity, basic rules and specifics of performing scientific works.	In-class questions
4 / 2	Topic 6. Information provision of scientific research. Subjects of scientific research and design of their results	to find out the types and sources of scientific information	task
4 / 2	Topic 7. Scientific research and design of their results	to study the peculiarities of the formation of the research information base; to understand the specifics of research work	task

References

1. Гривківська, О. В., Відоменко, О. І., Аренович, І. М., & Аренович, Б. М. (2023). Інтерактивні методи у методиці викладання економічних дисциплін. Ринкова економіка: сучасна теорія і практика управління, 21(2(51)), 21-29.
2. Краус Н. М., Нікіфоров П. О., Краус К. М., Осецький В. Л. Методика викладання фахових дисциплін: навчальний посібник. К. : Агра Медіа Груп, 2020. 205 с.
3. Галян О.В. Методологія та організація наукових досліджень : навч.-метод. видання. Луцьк : Вежа-Друк, 2021. 26с.
4. Мартинюк О. М. Академічне письмо (конспект лекцій): навчально- методичне видання. Луцьк : Вежа, 2021. 48 с.
5. Данильян О.Г., Дзьобань О.П. Актуальні проблеми методології наукових досліджень: навч.-метод. посіб. з навчальної дисципліни для студентів другого (магістерського) рівня вищої освіти галузі знань 29 «Міжнародні відносини» спеціальності 293 «Міжнародне право» / уклад.: Харків : Нац. юрид. ун-т ім. Ярослава Мудрого, 2022. URL: https://library.nlu.edu.ua/POLN_TEXT/SENМК/p_APMND-2022.pdf

6. Самсонов В.В., Сільвестров А.М., Тачиніна О.М. Методологія наукових досліджень та приклади її використання : навч. посіб. Київ : НУХТ, 2022. 385с
7. Найдџонов І. М. Викладання фінансово-економічних дисциплін. Методика, технологія, управління. К. : ЦУЛ, 2022. 432 с.
8. Носачова Ю., Іваненко О., Радовенчик Я. Основи наукових досліджень. К. : Кондор, 2020. 132 с.
9. Рядинська І. А. Інноваційні методи викладання при вивченні економічних дисциплін у закладах вищої освіти України. Бізнес Інформ. 2021. №1. С. 134-138.
10. Crespo R. F. The Nature and Method of Economic Sciences. Evidence, Causality, and Ends. London: Routledge, 2020. 202 p.
11. Darwish, Mahmoud Ahmed (2022). Methodology of Scientific Research and its Modern Divisions According to Withney, Marquis, Good and Scates, and Van Dalen. International Journal of Cultural Inheritance & Social Sciences (IJCISS). Vol. 4 Issue 7, P. 65-85.
12. Thomas, C. George. Research Methodology and Scientific Writing. 2nd Edition : Springer Cham, 2022. 620 p. URL:<https://link.springer.com/book/10.1007/978-3-030-64865-7#book-header>
13. The Methodology of Scientific Research Programmes. URL: <https://www.cambridge.org/core/books/methodology-of-scientific-research-programmes/8DBCEFE34A59BAD3D393FB958A4DC5FC>
14. Kapoor, Rajeev. (2022). Research methodology and Methods. https://www.researchgate.net/publication/365200801_Research_methodology_and_Methods
15. Rostamkhani, Ramin & Ramayah, T. (2022). Applied Methodology in the Research. 10.1007/978-981-19-6837-2_2.

Grading Policy

- **Deadline and Retake Policies:** Works that appear in violation of the deadlines without valid reasons are graded with a lower score (-20 points). The retake of the test modules takes place with the permission of the dean for valid reasons (e. g. hospital).
- **Academic Integrity Policy:** All written works are checked for plagiarism and approved for defence in case references are correctly cited and the amount of cited text does not exceed 20%. Cheating during tests and examinations is forbidden (including using mobile devices). Mobile devices may be used during online tests only (e.g. Kahoot app).
- **Attendance Policy:** Class attendance is a required component of evaluation for which points are awarded. For objective reasons (e. g, illness, international internship) training can take place on-line upon approval of the supervisor of the course.

Evaluation

Module 1		Module 2		Module 3	Module 4	Module 5
10%	10%	10%	10%	5%	15%	40%
current assessment	Modular control 1	current assessment	Modular control 2	Training	SSW	Exam
It is defined as the arithmetic average of the grades obtained during classes	1. Theoretical questions (2 questions) – max. 50 points. 2. Task (1 task) – max. 50 points.	It is defined as the arithmetic average of the grades obtained during classes	1. Theoretical questions (2 questions) – max. 60 points. 2. Test tasks (20 tests of 2 points per test) - max. 40 points.	Assessment for training tasks (4 tasks of 25 points each)	It is defined as the arithmetic average of the grades obtained during the study of the discipline for self-study work (abstract, essay)	1. Theoretical questions (2 questions) – max. 50 points. 2. Test tasks (10 tests of 2 points per test) - max. 20 points. 3. Task (1 task) – max. 30 points.

Grading scale:

ECTS	Points	Description
A	90-100	Excellent
B	85-89	Good
C	75-84	Good
D	65-74	Satisfactory
E	60-64	Sufficient
FX	35-59	Unsatisfactory with a possibility to retake the exam
F	1-34	Unsatisfactory with an obligatory retake of the course