Syllabus of the course
"Methodology and organization of scientific research"

Specialty	*073 Management*
Educational and Scientific Programme	*Management*
Study cycle (Bachelor, Master, PhD)	*Third (PhD)*
Course status	*Compulsory*
Language	*English*
Term	*1st year, 1st and 2nd semesters*
ECTS credits	*6*
Workload	*Lectures - 10 hours (1st semester), 12 hours (2nd semester)*
	Practical classes - 6 hours (1st semester), 20 hours (2nd semester)
	Independent work - 44 hours (1st semester), 88 hours (2nd semester)
Assessment system	*Grading*
Department	*Management, Business and Administration department, website https://kmib.hneu.edu.ua/*
Teaching staff	*Tetyana Lepeyko, Dr. Sc (Economic), Professor,*
Contacts	*Tetyana.lepeyko@hneu.net*
Course schedule	*Classes: according to the schedule*
Consultations	*At the Department of Management, Business and Administration, offline, according to the schedule, individual, PNS chat.*

Learning objectives and skills:

Formation and development of the ability to apply methodological principles and methods of scientific activity in a qualified manner, as well as the ability to organize and conduct scientific research

Structural and logical scheme of the course

Prerequisites	Postrequisites
Philosophy of Science	*Mathematical methods and models in scientific research*
	Pedagogical Internship
	Organizational behavior
	Strategies of management

Course content

Content module 1. *Methodological bases of scientific research*
Topic 1. Science and scientific research
Topic 2. Scientific method. Research Methodology.
Topic 3. Empirical Research Methods and Empirical Research Data Processing Tools
Topic 4. Theoretical research methods
Topic 5. Systematic research method. Methodology for Studying Complex Systems
Topic 6. Models and Modeling Method in Scientific Research
Content module 2. *Technology and organization of scientific research*
Topic 7. Organization of scientific activities and scientific research
Topic 8. Information support of scientific research
Topic 9. Project forms of scientific research
Topic 10. Technology of work on the dissertation. Presentation, protection and implementation of results
Topic 11. Technology and Psychology of Scientific Creativity. Development of abilities for scientific activity

Teaching environment (software)

Multimedia projector, S. Kuznets PNS, Corporate Zoom system

Learning forms and methods

The university uses a 100-point accumulative system for evaluating the learning outcomes of students of higher education.

Assessment of students' learning outcomes is carried out by the University according to the cumulative 100-point system.

Current control is carried out during lectures and practical (seminar) classes and aims to assess the level of students' readiness to perform particular tasks, and is assessed by the amount of scored points.

The maximum amount during the semester – 100 points; the minimum amount required is 60 points.

Current control includes the following control measures: assignments by topic; current control works; presentations on topics and an individual research task.

More detailed information on the system of evaluation and accumulation of points for the academic discipline is provided in the work plan (technological map) for the academic discipline.

Course policies

Teaching of the academic discipline is based on the principles of academic integrity.

Violation of academic integrity includes academic plagiarism, fabrication, falsification, cheating, deception, bribery, and biased assessment.

Students may be brought to the following academic responsibility for breach of academic integrity: repeated assessment of the corresponding type of learning activity.

More detailed information about competencies, learning outcomes, teaching methods, assessment forms, self-study is given in the Course program