



## Syllabus of the course

### "Methodology and organization of scientific research"

<b>Specialty</b>	<i>D3 Management</i>
<b>Educational and Scientific Programme</b>	<i>Management</i>
<b>Study cycle (Bachelor, Master, PhD)</b>	<i>Third (PhD)</i>
<b>Course status</b>	<i>Compulsory</i>
<b>Language</b>	<i>English</i>
<b>Term</b>	<i>1st year, 1<sup>st</sup> and 2<sup>nd</sup> semesters</i>
<b>ECTS credits</b>	<i>6</i>
<b>Workload</b>	<i>Lectures - 10 hours (1<sup>st</sup> semester), 12 hours (2<sup>nd</sup> semester) Practical classes - 6 hours (1<sup>st</sup> semester), 20 hours (2<sup>nd</sup> semester) Independent work - 44 hours (1<sup>st</sup> semester), 88 hours (2<sup>nd</sup> semester)</i>
<b>Assessment system</b>	<i>Grading</i>
<b>Department</b>	<i>Management, Business and Administration department, website <a href="https://kmib.hneu.edu.ua/">https://kmib.hneu.edu.ua/</a></i>
<b>Teaching staff</b>	<i>Tetyana Lepeyko, Dr. Sc (Economic), Professor,</i>
<b>Contacts</b>	<i>Tetyana.lepeyko@hneu.net</i>
<b>Course schedule</b>	<i>Classes: according to the schedule</i>
<b>Consultations</b>	<i>At the Department of Management, Business and Administration, offline, according to the schedule, individual, PNS chat.</i>

#### 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
<i>Philosophy of Science</i>	<i>Mathematical methods and models in scientific research</i>
	<i>Pedagogical Internship</i>
	<i>Organizational behavior</i>
	<i>Strategies of management</i>

#### 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***