



**Syllabus of the educational discipline
«Fundamentals of scientific and analytical research»**

Specialty	<i>073 Management</i>
Educational program	<i>Logistics</i>
Level of education	<i>Bachelor degree</i>
Discipline status	<i>mandatory</i>
Teaching language	<i>English</i>
Course / semester	<i>3 course, 5 semester</i>
Number of credits ECTS	<i>4</i>
Distribution by types of trainings and hours of study	<i>Lectures – 20 hours. Laboratory studies – 14 hours. Practical studies (seminars) – 14 hours. Independent work – 72 hours.</i>
Form of final assessment	<i>Grading</i>
Department	<i>Department of management, logistic and innovations, r. 225, +38 (057) 702-02-65, http://www.eeml.hneu.edu.ua/</i>
Teacher (-s)	<i>Strokovych Hanna Professor, Doctor of Economics, Associated Professor</i>
Teacher's contacts	<i>annastrokovych@gmail.com +38068614-87-09.</i>
Days of the classes	<i>monday</i>
Consultations	<i>wednesday 2.00 p.m., remote; individual</i>

The purpose of the discipline is to form in students a system of theoretical knowledge, applied skills and abilities for the implementation of scientific and analytical research, their planning, organization, motivation and control.

Prerequisites for learning

Macro- and microeconomics, management theory, business economics, management

The content of the discipline

Content module. Fundamentals of methodology of scientific and analytical activities

- Topic 1. The main categories of science.
- Topic 2. Technology of working with information.
- Topic 3. Methods and models of scientific research.
- Topic 4. Organization of scientific research.

Content module. Technologies for conducting scientific and analytical research.

- Topic 5. Presentation of research results.
- Topic 6. Qualification works of applicants.
- Topic 7. Types of scientific and analytical research of applicants.
- Topic 8. Applied aspects of higher education.

Material and technical support (software) of the discipline

Microsoft Office

Course page on the Moodle platform (personal training system) *presentations, practical tasks
<https://pns.hneu.edu.ua/>*

Assessment system of learning outcomes

90–100 The student shows special creativity, can independently acquire know-ledge, finds and processes the information without the help of the teacher, is able to use the acquired knowledge and skills for decision-making in unusual situations, convincingly argues answers, reveals his/her own talents and inclinations



82–89 The student is fluent in the material studied, applying it in practice, solves exercises and problems in standard situations freely, independently corrects errors, the number of which is insignificant

74–81 The student is able to compare, summarize, organize information under the guidance of the teacher, independently apply it in practice, monitor his/her own activities, correct errors

64–73 The student reproduces much of the theoretical material, has knowledge and understanding of the key provisions, with the help of the teacher can analyze the course material, correct errors, many of which are significant

60–63 The student knows the material of the academic discipline at a level higher than the initial, reproduces a significant part of it at the reproductive level

Accumulation of rating points in the discipline

Types of training	Max points
Topic 1-8: polls (for each topic)	8
Topic 1-8: practical task (for each topic)	24
Written test	15
Colloquium	20
These	10
Scientific work	23
Maximum number of points	100

Discipline policies

Policy of academic integrity – cheating is prohibited.

Absenteeism policy – for absence from class and failure to complete the task in the future, the student receives 0 points, and if the task is completed, the maximum possible score is reduced by 20%,

Policy to perform tasks later than the deadline – the maximum possible score is reduced by 20%.

More detailed information about competencies, learning outcomes, teaching methods, assessment forms, independent training is given in the Syllabus (working plan) of the educational discipline

Syllabus approved at the meeting of the Department of the management, logistic and economics.

Protocol № 19 from 25.06.2021