



**Syllabus of the educational discipline**  
*«Basis of scientific-analytical research»*

<b>Specialty</b>	<i>073 Management</i>
<b>Educational program</b>	<i>073.020 Management of innovation activity</i>
<b>Level of education</b>	<i>First (bachelor)</i>
<b>Discipline status</b>	<i>Base</i>
<b>Teaching language</b>	<i>English</i>
<b>Course / semester</b>	<i>3 course, 5 semester</i>
<b>Number of credits ECTS</b>	<i>5</i>
<b>Distribution by types of trainings and hours of study</b>	<i>Lectures – 24 hours. Practical studies (seminars) – 36 hours. Independent training – 90 hours.</i>
<b>Form of final assessment</b>	<i>Pass</i>
<b>Department</b>	<i>Management and Business Department, 703 Library building, +38 (057) 702-01-46 (2-96), <a href="http://www.kmib-hneu.com">www.kmib-hneu.com</a></i>
<b>Teacher (-s)</b>	<i>Chmutova Iryna M., professor</i>
<b>Teacher's contacts</b>	<i><a href="mailto:chmutova_i@ukr.net">chmutova_i@ukr.net</a></i>
<b>Days of the classes</b>	<i>Monday, Tuesday</i>
<b>Consultations</b>	<i>Tuesday, 5<sup>th</sup> classes, 703 (library block)</i>
<b>The purpose of the discipline is knowledge acquisition system with theoretical and methodological foundations, practical skills of the organisation of scientific-analytical research and their implementation in the activity of the enterprises.</b>	
<b>Prerequisites for learning</b>	
Macroeconomics and Microeconomics Theory of Management Economics of Enterprises Management Statistics	
<b>Content of the educational discipline</b>	
<b>Content module 1. <i>Theoretical fundamentals of science and scientific activity</i></b>	
<b>Theme 1.</b> Science and scientific thinking. Research technology	
<b>Theme 2.</b> Methods of working with concepts	
<b>Theme 3.</b> The technology of working with literature	
<b>Content module 2. <i>Technology of scientific and analytical research</i></b>	
<b>Theme 4.</b> Presentation of research result	
<b>Theme 5.</b> Research methods and models	
<b>Theme 6.</b> Formulation of conclusions and recommendations of the research. Presentation of research results	
<b>Course page on the Moodle platform (personal training system)</b>	<i>Syllabus, Working plan (technological card), Lectures, Practical tasks, Guidelines <a href="https://pns.hneu.edu.ua/course/view.php?id=688">https://pns.hneu.edu.ua/course/view.php?id=688</a></i>
<b>Recommended literature</b>	
1. Пушкарь А. И. Основы научных исследований и организация научно-исследовательской деятельности : учеб. пособ. / А. И. Пушкарь, Л. В. Потрашкова. – Х. : Изд. ИНЖЕК, 2006. – 289 с.	
2. Basten G. Introduction to scientific research projects / G. Basten. – Leicester : Ventus Publishing, 2010. – 51 p.	
3. Day R. How to write and publish a scientific paper / R. Day. – 5th edition. – Phoenix : Oryx Press, 1998. – 145 p.	
4. Naoum S. G. Dissertation research and writing for construction students / S. G. Naoum. – 2nd ed.	



- Oxford : Elsevier Ltd, 2007. – 224 p.
5. Ringer F. UNESCO Guidebook on Textbook Research and Textbook revision / F. Ringer. – Paris : Braunschweig, 2010. – 84 p.
6. Ryder J. Undergraduate Learning in Science Project: Working Paper 3 / J. Ryder, J. Leach, R. Driver. – Leeds: University of Leeds, 1996. – 60 p.
7. Shavelson Richard J. Scientific Research in Education / Richard J. Shavelson, L. Towne. – Washington : National Academy Press, 2001. – 180 p.
8. White B. Dissertation Skills for Business and Management Students / B. White. – Berwick-upon-Tweed : Martins the Printers Ltd., 2000. – 176 p.
9. Writing a Scientific Research Paper / assembled by N. McEnery. – Napa : Napa Valley College, 2015. – 31 p.

**Assessment system of learning outcomes**

The system of students' developed competencies assessment includes all types of study activities according to the curriculum of the discipline. There are lectures, seminars, practical lessons, as well as independent training. Assessment of the students' developed competencies is carried out using a 100-point accumulation system.

More detailed information on assessment is given in the technological card of the discipline.

**Accumulation of rating points in the discipline**

Types of training	Max points
Active work on lectures	15
Practical assignment	27
Essay	8
Presentation	20
Written Test	6
Colloquium	24
<b>Max points</b>	<b>100</b>

**Transference of Simon Kuznets KHNUE Characteristics of Students' Progress into the System of the ECTS Scale**

Total score on a 100-point scale	ECTS assessment scale	Assessment on the national scale	
		for exam, differentiated test, course project (work), practice, training	for pass
90 – 100	A	excellent	pass
82 – 89	B	good	
74 – 81	C	satisfactory	
64 – 73	D		
60 – 63	E	unsatisfactory	not pass
35 – 59	FX		
1 – 34	F		

**Discipline policies**

*Policy of academic integrity, Absenteeism policy, Policy to perform tasks later than the deadline, etc.*

*More detailed information about competencies, learning outcomes, teaching methods, assessment forms, independent training is given in the Syllabus (working plan) of the educational discipline <https://pns.hneu.edu.ua/course/view.php?id=688>*