The Higher Education Level - Master
Specialty 073 «Management»
Educational Program "Management of Investment Activities and International Projects"
Year of Studying 1, Term 1

Form of Studying ___Full-time
Quantity of Credits ECTS_4
Language of training English

Lecturer	**Oksana Perchuk**
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Page of the Course in eLearn	https://elearn.nubip.edu.ua/course/view.php?id=4798

DESCRIPTION OF THE COURSE

(not more than 1000 symbols)

The educational component "**Methodology and Organization of Scientific Research with the Principles of Intellectual Property"** is compulsory.

The main purpose of teaching the discipline is to provide students with fundamental theoretical knowledge of research methodology. They obtain practical skills in conducting scientific research, as well as providing skills to work with the regulatory framework relations in the field of intellectual property.

This knowledge will enable the future specialist to independently formulate objectives of research and create theoretical hypothesis, data collection, report writing. Moreover, the discipline provides students with an understanding of the concepts and techniques of qualitative and quantitative research used in management and social sciences, grants for research, requirements for writing scientific publications (articles), and the Master's research paper.

The curriculum includes methods, techniques, instruments, and processes of conducting scientific research, and implementation of the results in the management of organizations and international projects.

As a result of studying the educational component, students will master the following competencies:

Integral: The ability to perform tasks and solve current issues of investment research of international projects in the agricultural sector, which involves the application of modern theories and methods of research in the field of investment and project management, and in scientific activity.

General competencies (GC):
GC2. Ability to use in formation and communication technologies to search, process, analyze in formation from various sources and make decisions.

professional competencies of the specialty:
PCS11. Ability to plan and conduct scientific and applied research, prepare the results of scientific work for publication.

Program Learning outcomes (PLO):
PLO1. Ability to develop and justify the project concept and conduct pre-investment research.
PLO5. Ability to ensure project implementation.

PLO8. Ability to use modern experience of international business and investment management practices to make effective management decisions.

PLO9. Ability to critically evaluate project proposals taking into account their innovation and investment attractiveness.

PLO10. Ability to select sources of project funding.

STRUCTURE OF THE COURSE

Topic	Hours (lectures/ practicals/ self-study work)	Learning outcomes	Tasks	Grades, points
CONTENT MODULE 1. THEORETICAL AND METHODOLOGICAL BASIS OF SCIENTIFIC RESEARCH				70
Topic 1. Theoretical foundations and methodology of scientific research	2/2/12	Know the theoretical concept of research and its categories, be able to explain methods and methodology of research, formulate the topic, purpose and tasks of scientific research, characterize different types of research, give practical examples		
Topic 2. The conceptual framework of the research process	2/2/12	Describe the process of research work, explain various steps involved in research process, formulate the research problem, evaluate the research work, be able to plan stages and form own research process, conduct scientific research of management systems	Preparation for lectures (preliminary acquaintance with the presentation and lecture in eLearn). Performing tasks in practical classes (in a group and individually, eLearn).	Completing and submiting of individual tasks. Modular test work in eLearn. Self-study work - according to the tasks in eLearn
Topic 3. Data collection and analysis in scientific research	2/2/12	Explain different types of data, analyze methods of primary and secondary data collection, define the nature of Interview, Questionnaire, Case study, analyze data processing, be able to master traditional and modern innovative research methods, apply automated information processing systems in research	Performing self-study work (in small groups, independently, eLearn). Preparation and writing of modular control work (test - eLearn)	
Topic 4.	2/2/12	Be able to identify the		

Hypothesis: nature and role in research		nature of hypothesis and describe its functions, define the different types of hypothesis, justify good characteristics of hypothesis, formulate working hypothesis for own investigation, plan and organize scientific experiments		
Module Test 1				30
Total for Module 1	8/8/48			100
CONTENT MODULE 2. FEATURES OF THE ORGANIZATION OF STUDENT RESEARCH AND FUNDAMENTALS OF INTELLECTUAL PROPERTY				70
Topic 5. Technical writing and reporting of research	2/2/14	Define significance and role of writing research report, analyze main types and parts of research report, explain the difference between draft and final report, be able to make reports on research work, prepare for publication the results of their own research.	Preparation for lectures (preliminary acquaintance with the presentation and lecture in eLearn). Performing tasks in practical classes (in a group and individually, eLearn). Performing self-study work (in small groups, independently, eLearn). Preparation and writing of modular control work (test - eLearn)	Completing and submiting of individual tasks. Modular test work in eLearn. Self-study work - according to the tasks in eLearn.
Topic6. Techniques of the Master's thesis preparation and defense. Academic integrity.	3/3/14	Explain the structure and general requirements of Master's thesis, define the requirements for conclusions, recommendations and References, formulate the process of preparation for the defense, describe fundamentals of academic integrity		
Topic 7. Intellectual property: basic concepts	2/2/14	Define the concept of intellectual property, describe the justifications for intellectual property law, explain the nature of patents for invention, utility models, industrial designs, state evolution of intellectual		

		property in Ukraine.		
Module Test 2				**30**
Total for Module 2	7/7/42			**100**
Total for the term (formula)	15/15/90	(0,7 (100+100)):2		**70**
Exam				**30**
Possibility to receive additional points:	Additional points can be obtained for the preparation of the report and participation in the student conference, publication of the article, participation in the 1st round of the All-Ukrainian Olympiad			**up to 10 points**
Total for the course				**100**

EVALUATION POLICY

Deadline and recompilation policy	The student must submit all work on time. For works that are submitted in violation of deadlines without good reason, the score is reduced. Reassignment of modular control work takes place in the presence of valid reasons (hospital, international internship, individual schedule) and is allowed in the period before the end of the next modular control.
Academic Integrity Policy	Write-offs during modular tests and exams are prohibited. Articles, abstracts, research work must have correct textual references to the literature used
Visiting policy	Attendance of lectures and practical (seminar) classes is mandatory for all students. For objective reasons specified in the Regulations on the educational process of NULES, training may take place in accordance with the individual curriculum approved in the prescribed manner.

STUDENT EVALUATION SCALE

Rating of the applicant of higher education, points	The assessment is national for the results of examinations	
	exams	**credits**
90-100	excellent	credited
74-89	good	
60-73	satisfactory	
0-59	unsatisfactory	not credited

Recommended literature
    – basic
1. Bhattacherjee, Anol, Social Science Research: Principles, Methods, and Practices

(2012). USF Open Access Textbooks Collection. Retrieved from: http://scholarcommons.usf.edu/oa_textbooks/3.

2. Caldwell Bruce J. (2003) Beyond Positivism: Economic Methodology in the Twentieth Century, Revised Edition, London. 279 p.

3. Creswell, J. W. Research Design: Qualitative, Quantitative, and Mixed Methods Approaches, Sage Publications, Inc; 2nd edition, 2002.

4. Denscombes, M. (2010). The Good Research Guide: For small-scale social research projects.Maiden-Read: Open University Press.

5. Igwenagu, Chinelo. (2016). Fundamentals of research methodology and data collection. Retrieved from: https://www.researchgate.net/publication/303381524_Fundamentals_of_research_methodology_and_data_ collection

6. Kothari, C.R.(2009) Research Methodology, New Age International Pvt Ltd Publishers.

7. Kumar, R. (2010) Research Methodology: A Step-by-Step Guide for Beginners, SAGE PublicationsLtd; Third Edition edition.

8. Marczyk, Geoffrey R.(2014) Essentials of research design and methodology. Wiley. 290 p.

9. Taha H. (2011) Operations Research: An Introduction (9th ed.). Prentice Hall.

– additional

1. Bell, J. (2010) Doing your research project: a guide for first-time researchers in education, health and social science. 5th ed.

2. Berry, R. (2004) The research project: how to write it. 5th ed. Abingdon: Routledge. 808.066 BER

3. Cohen, L., Manion, L. & Morrison, K. (2011) Research methods in education. 7th ed. London: Routledge. 370.72 COH & e-book

4. Fabb, N. & Durant, A (2005) How to write essays and dissertations: a guide for English literature students. 2nd ed. Harlow: PearsonLongman. 808.066 FAB

5. Gibaldi, Joseph. (2003) MLA Handbook for Writers of research projects. 6th ed. NewYork: MLA.

6. IGNOU (2001) Research Methods for Distance Education. ES315 New Delhi STRIDE

7. Ikekhua, T. I. and Yesufu, J. T. (1995) Exposing Research Methods in Education Study and reporting aid for students and Beginning Researchers. Warri, Agbon & Botawokerare Publishers.

8. Jarvis, P. (2012) Research in the early years: a step-by-step guide. Harlow: Pearson-Education. 372.21072 RES

9. Mauch, J. E., Birch, J. W. (1998) Guide to the successful thesis and disertation. New York: Marcel Dekker,. 455 s. ISBN 0-77021-882-9

10. N.O.U.N. (2004) EDU 702: Educational Research Methods. N.O.U.N. Lagos.

11. Roberts-Holmes, G. (2011) Doing your early years research project: a step-by-step guide. 2nd ed. London: SAGE. 372.21072 ROB

12. Robson, C. (2007) How to do a research project: a guide for undergraduate students. Oxford: Blackwell. 808.0663 ROB

13. Sharp, J. (2012) Success with your education research project. 2nd ed. London: SAGE. 370.72 SHA

13. Informational resources

1. Constitution of Ukraine (28.06.1996). – Retrieved from: https://zakon.rada.gov.ua/laws/show/254%D0%BA/96-%D0%B2%D1%80#Text

2. On copyright and related rights: The Law of Ukraine of 23.12.1993. № 3792-XII. – Retrieved from: https://zakon.rada.gov.ua/laws/show/3792-12#Text

3. On Protection of Rights to Trademarks for Goods and Services. The Law of Ukraine of 15.12.1993. № 3689-ХИ. – Retrieved from: https://zakon.rada.gov.ua/laws/show/3689-12#Text

4. On Protection of Rights to Inventions and Utility Models. The Law of Ukraine of 15.12.1993. № 3687-XII у ред. від 01.06.2000 р. – Retrieved from: https://zakon.rada.gov.ua/laws/show/3687-12#Text

5. On Protection of Rights to Industrial Designs. The Law of Ukraine : Закон України від 15.12.1993. № 3688-XII (зі змінами та доповненнями). – Retrieved from: https://zakon.rada.gov.ua/laws/show/3688-12#Text

6. Protection of intellectual property rights: marks for goods and services, patents, inventions, utility models. – Retrieved from: http://sdip.kiev.ua

7. Ukrainian Institute of Scientific and Technical Expertise and Information. – Retrieved from: http://www.uintei.kiev.ua

8. Official site of the National Library of Ukraine named after V.I. Vernadsky. – Retrieved from: http://www.nbuv.gov.ua