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## Doctoral Research in Economics

### Syllabus

#### III 2.1

#### PHD 632

Specialty: 051 "Economics"

Educational program "Economica"

Quarter/Year: Spring/2024

Instructor: Dr. Nataly Amalyan

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Prerequisites: none

ECTS Credits: 3

US Credits: 1.5

### Course Description

This course is an introduction to post-graduate studies. The training is attached to reality and is designed to provide post-graduate students with a thorough understanding of the essence of post-graduate studies and PhD thesis. This course will familiarize students with the methods of research, requirements for the structure of PhD dissertation, and the viva process. It is also aimed at training of students' skills needed for academic writing. The course will be taught through 12 classes. Lectures will be used for lecturing as well as a seminar-type discussion of problem sets. Specific websites and readings for each class are specified below and PowerPoint presentations for each class will be posted on Moodle.

### Course Outcomes

Upon successful completion of this course, students will be able to:

**PH01.** Advanced conceptual and methodological knowledge of economics, management of socio-economic systems, and the borders of subject industries, as well as research skills that are sufficient for carrying out fundamental and applied research on levels of world achievements in the relevant areas.

**PH04.** Apply modern tools and technologies of search, processing, and information analysis, in particular, statistical methods of analysis of large arrays of data and/or complex structures, specialized software, and informative systems.

**PH08.** Plan and carry out empirical and/or theoretical research in sphere economy and with tangential interdisciplinary directions critically analyze the results of own research and the results of other researchers in the context of the whole of the complex modern knowledge of researched problems.

### Competencies

**IC**, Ability to generate new ideas to solve complex economic problems, as well as conduct actual scientific research, the results of which have scientific novelty, theoretical and practical significance, implying deep rethinking available and creating new ones integral to knowledge and/or professional practice.

**3K01**. Ability to abstract thinking, analysis, and synthesis.

**3K05**. Ability to solve complex economic problems based on a systemic scientific worldview and a general cultural outlook based on compliance principles, professional ethics, and academic integrity.

**CK01**. Ability to perform original research, and achieve scientific results that create new knowledge in economics and related interdisciplinary areas and can be published in leading scientific publications in economics and related fields.

**CK05**. Ability to identify, conduct in-depth analysis, and solve problems of a research nature in the field of economics, taking into account economic risks and possible socio-economic consequences, and to evaluate and ensure the quality of performed research, including issues of European and Euro-Atlantic integration.

**CK07**. Ability to initiate, develop and implement complex scientific projects in the economy and related interdisciplinary approaches, to show leadership and responsibility in their implementation; commercialize the results of scientific research and ensure compliance with intellectual property rights.

**Internationality:** The international aspect of the course includes introduction of students to the best practices of PhD research in the USA and Europe and training them for publications of their scientific articles in the upmarket scientific journals abroad.

### **Communications**

For individual issues, students should contact the professor **ONLY** by given e-mail or by Moodle. In the Subject line they should put: UACUFirstNameLastName. E-mail messages will normally be answered within 24 hours.

Note! Only emails sent from the student's corporate email address will be answered.

### **Student Responsibilities**

#### **Time Commitment**

The study of technical courses is cumulative (i.e., an understanding of earlier material is necessary to grasp concepts covered later). Past experience has shown a high correlation between procrastination and low grades. Students must be committed to completing tasks on time.

#### **Technical Aspects**

The student is obliged to provide himself/herself with all the necessary technical equipment for the educational process (laptop or computer, webcam, headsets or headphones and microphone), as well as access to the Internet.

Only students signed-in with their own first and last name are allowed into video lectures in Zoom.

### **Grading Policy**

The course is based on mastery of course outcomes. Student grades for this course will be calculated based on performance.

Note: the minimum grade to pass a subject is 60%.

## Graduate Grading Guidelines

The assignment of a letter grade for a course is an indication of the student's overall success in achieving the learning outcomes for the course. The course letter grade may be viewed as a summary statement of the student's achievement in individual assessments (assignments & activities). These assessments are intended to identify for students their strengths as well as those areas in need of improvement. Student work is assessed according to the guidelines below.

### Course-level Grading guidelines:

Grade	ECTS Grade	International Grade
90% - 100%	A	5 (Excellent)
83% - 89%	B	4 (Very Good)
75% - 82%	C	4 (Good)
70% - 74%	D	3 (Good)
60% - 69%	E	3 (Acceptable)
35% - 59%	FX	Not acceptable, possible repetition of the course

### Criteria for grading:

ECTS grade	Requirements for the student
A	The student demonstrated a comprehensive systemic and in-depth knowledge of program material; processed basic and additional literature; obtained a solid grasp of the conceptual apparatus, methods, techniques and tools provided by the program; found creative abilities in the presentation of the educational program material both on this issue and on related modules of the course and related courses, or the student had a current control of 90-100 points
B	The student demonstrated good knowledge of program material;
C	processed the basic literature, mastered the conceptual apparatus, methods, techniques and tools provided by the program, but with some inaccuracies
D	The student showed mediocre knowledge of the core program material; learned information mainly from a lecture course or just one textbook; mastered only certain methods, techniques and tools provided by the program
E	
FX	The student has significant gaps in knowledge of the main program material; fragmentary mastered the basic concepts, techniques and tools; significant mistakes are made when using them

Maximum total possible points – 100 points incl. (Midterm and Final exam are 60% of overall evaluation, where Midterm – 20% and Final – 40%)

- Test / Assignment / Project – 3 or 4 points (several times during the course)
- Midterm exam – 20 points
- Final exam – 40 points

## **Student Workload**

It is assumed that for each out of 14 class sessions a student spends about 10.5 academic hours of work. This includes 3.5 academic hours of lectures with the instructor and 7 academic hours of personal work. Personal work includes implementation of gained theoretical knowledge into the practical design of student's thesis and scientific publications.

Please pay attention that 1 academic hour equals to 40 minutes.

## **Assignment Format**

- All work should be shown in time. If the student misses the deadline – the task is failed.
- Midterm covers topics from previous lectures (weeks 1-6). It includes an essay (Research Proposal).
- The Final exam covers all course material and includes design for the proceedings for the conference. Admission to the Final exam is possible only if all the tasks of the curriculum are covered.
- After the Midterm and Final is graded a student has access to the grade only. Access to the attempt of correcting answers and information on whether the answer is correct cannot be granted.

## **Academic dishonesty**

· Academic integrity is submitting one's own work and properly acknowledging the contributions of others. Forms of academic dishonesty include:

1. Plagiarism — submitting all or part of another's work as one's own in an academic exercise such as an examination, a computer program, or a written assignment.
2. Cheating — using or attempting to use unauthorized materials on an examination or assignment, such as using unauthorized texts or notes or improperly obtaining (or attempting to obtain) copies of an examination or answers to an examination.
3. Facilitating Academic Dishonesty — helping another commit an act of dishonesty, such as substituting for an examination or completing an assignment for someone else.
4. Fabrication — altering or transmitting, without authorization, academic information or records.

· Any violation of these rules constitutes academic dishonesty and is liable to result in a failing grade and disciplinary action. In case of any academic dishonesty a student is not allowed to continue or retake the assessment activity and for the Final the unsatisfactory grade ("0") is assigned for the course total. Cases of academic dishonesty are not considered by the Academic Council.

· In case of missed Midterm or Final exam (for a valid reason like sickness or an emergency) a request to repeat the exam is possible. Permit to repeat a midterm or final exam is done through a letter to the dean's office with request and approval of the subject lecturer.

· Submission or retaking of any assessment activities after deadlines are forbidden.

## **Submission & Return Policy**

Assignments must be submitted to the professor on or before the due date indicated in the Course Schedule. The assignments submitted after the due dates receive zero points.

## Schedule

Week #	Research Projects	Assignments Due	Points
Lecture 1	Topic: Postgraduate education (process and outcome)	Questions (using Bloom taxonomy) and Mind map for the fairy tale Little Red Riding Hood	2
Lecture 2	Topic: Academic research / Choice of PhD topic	Bloom taxonomy and mind map for the choice of own topic.	2
Lecture 3	Topic: Phases of scientific research. Best Apps for PhD Students	Your Research proposal (Title, background and Questions).	2
Lecture 4	Thesis Structure. Topic: Thesis Structure. Abstract & Introduction	Introduction to your own thesis Draft of own Table of content	3
Lecture 5	Topic: Thesis Structure. Literature review	Literature review for the publication in a scientific journal	3
Lecture 6	Topic: Conference paper	<b>Research Proposal</b>	3
<b>Midterm.</b> 20% out of total amount of points for the course		<b>Proceedings for the conference</b>	<b>30</b>
Lecture 7	Topic: Research methodology	Draft of Methodology chapter for own thesis (6 layers)	3
Lecture 8	Topic: Research data management	Design a questionnaire	2
Lecture 9	Topic: Scientific research methods. Strategic analysis	List of data and methods of their management in your thesis (substantiated)	3
Lecture 10	Topic: Conclusion	List of references in APA style	2
Lecture 11	Topic: Publish or Perish	Choice of the topic of the article and plan	2
Lecture 12	Topic: Viva	Literature review for the journal article	3
<b>Final</b> 40% out of total amount of points for the course		<b>Journal article</b>	<b>40</b>

## Recommended Materials

1. <https://gradcoach.com/>
2. <https://smartstudent.app/>
3. LEADERSHIP LAB: The Craft of Writing Effectively <https://www.youtube.com/watch?v=vtIzMaLkCaM>

4. Alonso de Castro, M. G., & García-Peñalvo, F. J. (2020, October). Methodological guide for the successful use of digital technologies in education: Improvement of learning through European educational projects. In *Eighth International Conference on Technological Ecosystems for Enhancing Multiculturality* (pp. 962-968).
5. McDowall, A., & Ramos, F. (2023). Preparation for doctoral research: a narrative review. *The Australian Educational Researcher*, 1-19.
6. Hancock, S. (2023). Knowledge or science-based economy? The employment of UK PhD graduates in research roles beyond academia. *Studies in Higher Education*, 48(10), 1523-1537.
7. <https://zakon.rada.gov.ua/laws/show/283-2019-%D0%BF#Text>
8. <https://zakon.rada.gov.ua/laws/show/44-2022-%D0%BF#Text>
9. <https://zakon.rada.gov.ua/laws/show/z1086-19#Text>

*\* The above schedule and procedures are subject to change in the event of extenuating circumstances.*

Протокол засідання кафедр № 1 від 24.01.2024 року

Проректор з навчально-методичної роботи



Л.І.Кондратенко

Завідувач кафедри



Л.В.Жарова

Викладач



Н.Д.Амалян

