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Structuring cooperation in doctoral research, transferrable skills training,
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Research Project Management

Developed by P4 Simon Kuznets Kharkiv National University of Economics

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Course description: *The Research Project Management Program is a series of workshops and training courses run by the experienced tutors, most of whom have a PhD, Dc. of Science and experience of research and designed to help you to recognize and develop key skills and attributes needed to effectively manage your research, and to prepare and plan for the next stages of your career. These courses are for early stage PhD researchers, in the process of initial data collection and research. These courses will help you get started with your PhD, learn how to have a productive relationship with your supervisor, manage your data collection and prepare for your first upgrade/report. It also provides opportunities for you to meet other research students and post-docs from different departments, which can be a valuable and interesting experience.*

Course purpose: *develop the ability to select relevant topics for research projects; make critical analysis of relevant information for the project; synthesize key findings and present them in a form of professional report; identify ways of personal and professional development in research project management; to follow ethical, social and cultural norms in research projects in a multicultural global environment.*

Course objectives

- to master the basic laws, rules, procedures, principles of research project management;
- to apply the main technologies of research project management to improve the quality and effectiveness of practical research and development project activities;
- to use computer technologies when implementing research project management.

Course content (3 ECTS)

1. *Research Project Initiation (0,5 ECTS)*
2. *Research Project Planning (0,5 ECTS)*
3. *Research Methodology/ Execution (1 ECTS)*
4. *Research Project Monitoring and Controlling (0,5 ECTS)*
5. *Research Project Closing (0,5 ECTS)*

Learning outcomes and methods of their evaluation:

Learning outcomes	Valued through
Explain and argue the basic principles of effective management of research projects	Participation in class discussions
Formulate a research project plan (to define tasks, to describe the stages and individual activities of the project activity)	Presentation, blog post
Define the basic methods of the research for the dissertation and control	Participation in class discussions
Identify the benefits of continuing personal and professional development in research project management	Blog post

Use ethical, social and cultural norms in project activities and understand the implications of ignoring them.	Participation in class discussions
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Class meetings

1 lesson per week. Each lesson will include elements of lectures and discussions.

Students must complete their assignments based on literacy review and homework assignments for each class

Grades

Final mark consists of sections points (60%) and credit points (40%).

Teaching language

Ukrainian

Recommended reading:

Research Project Initiation

1. Постанова КМУ "Про затвердження Порядку підготовки здобувачів вищої освіти ступеня доктора філософії та доктора наук у вищих навчальних закладах (наукових установах)" № 261 – редакція від 23.03.2016 [Електронний ресурс]. – Режим доступу: <http://www.kmu.gov.ua/control/uk/cardnpd?docid=248945529>.
2. Постанова КМУ «Про затвердження Порядку присудження наукових ступенів» № 567 від 24.07.2013 р. зі змінами [Електронний ресурс]. – Режим доступу: <http://zakon2.rada.gov.ua/laws/show/567-2013-%D0%BF>.
3. Наказ Міністерства освіти і науки України № 40 від 12.01.2017 р. «Про затвердження Вимог до оформлення дисертації» [Електронний ресурс]. – Режим доступу: <http://zakon2.rada.gov.ua/laws/show/z0155-17>.
4. Постанова КМУ «Про затвердження Положення про порядок реалізації права на академічну мобільність» № 579 від 12.08.2015 [Електронний ресурс]. – Режим доступу: <http://www.kmu.gov.ua/control/uk/cardnpd?docid=248409199>.
5. Gauthier Jacques-Bernard Foundations of project management research [Електронний ресурс]. – Режим доступу: https://www.researchgate.net/publication/317731607_FOUNDATIONS_OF_PROJECT_MANAGEMENT_RESEARCH_Shedding_new_light_with_a_reflexive_outlook.
6. Erik Ernø-Kjølhede Project Management Theory and the Management of Research Projects [Електронний ресурс]. – Режим доступу: https://www.researchgate.net/publication/5093008_Project_Management_Theory_and_the_Management_of_Research_Projects.

Research Project Planning

1. John Sanders, Vera Tens, Robert MacIntosh Managing the Research Project [Електронний ресурс]. – Режим доступу: https://www.researchgate.net/publication/268388284_Managing_the_Research_Project.
2. Brian Kennett Planning and Managing Scientific Research [Електронний ресурс]. – Режим доступу: <https://press.anu.edu.au/publications/planning-and-managing-scientific-research/download>.
3. Alan M Johnson Improving Your Research Management [Електронний ресурс]. – Режим доступу: <http://www.rmsinternational.com/documents/professional-development-for-senior-research-managers-and-leaders/Improving-Your-Research-Management.pdf>.
4. Гудзь О. Є. Глушенкова А. А. Менеджмент ідей та управління проектами [Електронний ресурс]. – Режим доступу: <http://ifsa.kiev.ua/files/%D0%9C%D0%B5%D0%BD%D0%B5%D0%B4%D0%B6%D0%BC%D0%B5%D0%BD%D1%82%D0%A4%D0%B8%D0%BD%D0%B0%D0%BB%D1%8C%D0%BD%D0%B0%D1%8F%D0%92%D0%B5%D1%80%D1%81%D1%82%D0%BA%D0%B0.pdf>

Research Methodology/ Execution

1. C.M.M. Chin, A.C. Spowage, E.H. Yap, C.W. Lee Developing a Project Management Methodology for Use in Doctoral Research Projects [Електронний ресурс]. – Режим доступу: https://www.researchgate.net/publication/233835843_Developing_a_Project_Management_Methodology_for_use_in_Doctoral_Research_Project.
2. Robin Henderson Research Project Management [Електронний ресурс]. – Режим доступу: <http://www.myconsultants.net/higher-education/documents/REsearchPMHandout.pdf>.
3. Alan M Johnson Improving Your Research Management [Електронний ресурс]. – Режим доступу: <http://www.rmsinternational.com/documents/professional-development-for-senior-research-managers-and-leaders/Improving-Your-Research-Management.pdf>.

Research Project Monitoring and Controlling

1. Susan L Singer Project Management in the Research Environment [Електронний ресурс]. – Режим доступу: https://www.bestthinking.com/articles/science/applied_science/project-management-in-the-research-environment
2. Robin Henderson Research Project Management [Електронний ресурс]. – Режим доступу: <http://www.myconsultants.net/higher-education/documents/REsearchPMHandout.pdf>.

Research Project Closing

1. Robin Henderson Research Project Management [Електронний ресурс]. – Режим доступу: <http://www.myconsultants.net/higher-education/documents/REsearchPMHandout.pdf>.
2. Pollyana Notargiacomo Mustaro & Rogério Rossi Project Management Principles Applied in Academic Research Projects [Електронний ресурс]. – Режим доступу: <http://iisit.org/Vol10/IISITv10p325-340Mustaro0190.pdf>