



Adam Mickiewicz University in Poznań

Doctoral School of Exact Sciences AMU

Universities, Enterprise and Industry as Drivers of Innovation

– International careers in Academia and Beyond

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Field of science	Innovation and new technologies, academic careers	
Teaching method	Workshop	
Language	English	
Numbers of hours	30	
Aims of the course	The aim of the workshop is to introduce participants to the context of modern international academia and to enable them to develop better understanding of innovation ecosystem and related professional opportunities.	
Course contents	The course will cover overview of the international university ecosystem and will present some pathways to international academic careers. The participants will be encouraged to look into their motivations, strengths and opportunities to develop their research careers. The participants will develop plan for actionable steps to maximize the benefits from their current degrees. The idea of a wider innovation ecosystem will be discussed, emphasizing synergy of the universities in new technology development with other organizations contributing to R&D activities. Ideas of entrepreneurial mindset, start-up, spin-outs, VC funds will be introduced. The workshop participants will be also introduced to selected aspects of national and European science policy, that affect the research landscape.	
Prerequisites and co-requisites	MSc degree in STEM subject, fluent English communication skills at conversational level	
Learning outcomes		
On completion of the course PhD candidates will be able to:		Assessment mode
<p>A person who has completed education at the Doctoral School of Adam Mickiewicz University knows and understands</p> <p>E_W05 - mechanisms for funding research and fundraising for research;</p> <p>E_W06 - basic principles for knowledge transfer to the economic and social spheres and for the commercialisation of research results;</p> <p>E_W08 - fundamental dilemmas of contemporary civilization and the role of science, especially in the field of education, in solving them.</p>		Short test
<p>A person who has completed education at the Doctoral School of Adam Mickiewicz University is able to:</p> <p>E_U03 - transfer the results of scientific activity to the socio-economic sphere in cooperation with institutions from the social and economic environment;</p> <p>E_U06 - present the results of his/her research and to initiate and</p>		Personal presentation

<p>conduct scientific and popular science discussions in Polish and foreign languages; E_U07 - establish and implement scientific cooperation in research teams, including international ones; E_U08 - plan his/her own development, both in terms of scientific, academic and other professional activities, and inspire and stimulate development of other people;</p>	
<p>A person who has completed education at the Doctoral School of Adam Mickiewicz University is prepared for: E_K03 - fulfilling social obligations as a researcher; initiating actions in favour of the public interest, inter alia, through appropriate dissemination of scientific achievements in society. Furthermore, he/she is ready to take actions leading to the development of civil society based on knowledge; E_K04 - thinking and acting in an entrepreneurial way, creating new ideas and searching - in cooperation with people from other disciplines - for innovative solutions, as well as taking up challenges and intellectual risk in the scientific and public spheres and taking responsibility for the consequences of their decisions; E_K05 - continuous improvement of professional competence and personal development, in particular by tracking and analyzing the latest developments in the represented scientific discipline.</p>	<p>Personal presentation</p>
<p>Literature</p>	<ol style="list-style-type: none"> 1. What Every Postdoc Needs to Know, Liz Elvidge et al., World Scientific 2017 2. The Seven Secrets of Highly Successful Research Students, Hugh Kearns, IThinkWell, 2016 3. Futures of Science for Policy in Europe: Scenarios and Policy Implications, Directorate-General for Research and Innovation, 2023 4. The future of European competitiveness, A competitiveness strategy for Europe, European Commission, 2024 5. Wzmocnienie Międzynarodowej Współpracy Akademickiej Polskich Instytucji Szkolnictwa Wyższego I Budowa Strategicznych Relacji Z Zagranicznymi Partnerami, NAWA, 2021
<p>Additional information</p>	