



Adam Mickiewicz University in Poznań

Doctoral School of Languages and Literatures



ACADEMIA JUNGLE SURVIVAL

prof. Guillaume Thierry

Sciences/ discipline	Humanities /
Type of classes	Workshop
Language of instruction	English
The number of hours + form of passing classes	15 hours / credit of a grade
Puproses of classes	<p>The purpose of this module is to equip PhD students with essential tools and key information to make their doctoral journey secure, prolific, efficient, and enjoyable. We will primarily focus on how to conduct research and write scientific articles.</p>
Learning contents	<p>Welcome to the jungle of academia!</p> <p>In this workshop, you will learn how to prepare for your jungle trek, how to orient yourself, how to avoid traps, craft good surviving tools, make your journey that of a lifetime, and live to tell a good story! In other words, in this workshop you will (re-)discover the purpose of doing a PhD; learn about principles of reviewing the field; how to identify a good research question and hypotheses worth testing; review fundamental principles of experimental design and research, learn fundamentals of data analysis and statistics and avoid usual traps; discover methods for writing scientific papers; and gain some insights about scientific communication with your peers.</p> <p>In brief, the eight sessions proposed will cover the following topics:</p> <ol style="list-style-type: none">1. Academia is a jungle! Reflection on this metaphor. Why did you choose to enter the

	<p>jungle? (or why are you pursuing a PhD?).</p> <ol style="list-style-type: none"> 2. Mapping the jungle Reviewing the field and writing a literature review (including how to use ChatGPT to assist you). 3. Entering the jungle Principles of Research 1: formulating a research question, hypotheses and predictions, and open science principles 4. Planning your jungle trek Principles of research 2: experimental design. 5. Documenting your trek Principles of research 3: data analysis, data visualisation, and hypothesis testing. 6. Reporting on your adventure How to interpret your data and write a good scientific paper. 7. Defending yourself against wild beasts How to communicate with editors and reviewers. 8. The test by fire Find yourself in pretend tricky situation and tell us how best to react (oral exam) <p>Methods of verification of learning outcomes:</p> <p>There will be two methods of assessment: short essays and an oral interview.</p> <ul style="list-style-type: none"> • Short essays (500-700 words) will be due in week 3 and week 7 of the course. • All participants will be quizzed in an interview-like fashion in the last session of the course.
Entry requirements	English language proficiency at B-2 level
Learning outcomes	
<p>In terms of knowledge: A person who has completed classes knows and understands:</p> <p>the achievements of world science in the discipline in which the education takes place, as well as the paradigms and directions of development of this discipline, in a way that enables their creative and innovative development and their verification within the framework of research projects undertaken [E_W01];</p> <p>at an advanced level research methodology appropriate for the discipline of science in which education takes place, which allows</p>	<p style="text-align: center;">Verification methods:</p> <p style="text-align: center;">Essay and oral presentation</p>

<p>for proper selection of research theories and tools and their effective application and modification within the framework of own research [E_W02];</p> <p>fundamental dilemmas of contemporary civilization and the role of science, especially in the field of education, in solving them [E_W08]</p>	<p>Essay and oral presentation</p> <p>Essay and oral presentation</p>
<p>In terms of skills: A person who has completed classes is able to:</p> <p>use knowledge from various disciplines of science to creatively identify, formulate and innovatively solve complex research problems or perform advanced research tasks. In particular, he/she is able to: define the objectives and the subject of scientific research, formulate research hypotheses, develop research methods, techniques and tools and apply them creatively and effectively, draw conclusions on the basis of scientific evidence [E_U01];</p>	<p>Essay and oral presentation</p>
<p>In terms of social competences: A person who has completed classes is prepared to:</p> <p>critical evaluation of the work in the field of the scientific discipline within which the education is provided and its own contribution to the development of this discipline [E_K01];</p> <p>continuous improvement of professional competence and personal development, in particular by tracking and analyzing the latest developments in the represented scientific discipline [E_K05]</p>	<p>Essay</p> <p>Essay and oral presentation</p>
<p>Literature</p>	<ul style="list-style-type: none"> • Oliver Sacks (1988) - The man who mistook his wife for a hat, <i>Touchstone</i>. • How to write a superb literature review https://www.nature.com/articles/d41586-020-03422-x • Open science principles https://www.cos.io/open-science • A few articles from the module organiser and other researchers will be provided during the course.