

Adam Mickiewicz University in Poznań

Faculty of Chemistry

INNChem - rozwój kompetencji doktorantów kluczowych w pracy o charakterze badawczo-rozwojowym

Academic Writing

dr hab. inż. Krystyna Malińska

Researcher's workshop

Field of science	Life Sciences
Teaching method	Interactive lecture combined with a workshop
Language	ENGLISH
ECTS credits	1
Numbers of hours	15
Aims of the course	The course is designed for non-native English doctoral candidates and aims to provide guidelines and techniques for improving skills for writing scientific manuscripts in the fields of life sciences. This course also provides writing strategies to produce manuscripts for successful publishing in peer-reviewed leading journals in this field.
Course contents	The course focuses mainly on improving the quality of a research paper in terms of the composition and language. In particular, the students will learn how to write each section of a research paper in order to: <ul style="list-style-type: none"> - attract the reader's attention (a title, an abstract, a graphical abstract and highlights), - justify the selection of a research topic and its importance (an introduction), - describe how the experimental work was performed (materials & methods), - report and discuss the obtained results and findings in a clear and logical manner (results & discussion), and - summarize with the main achievements from the study (conclusions). Moreover, selected examples of the most common mistakes that academics make when writing a research paper will be discussed, and suggestions and guidelines how to avoid those mistakes will be offered.
Prerequisites and co-requisites	-
Learning outcomes	
On completion of the course PhD candidates will be able to:	Assessment mode
The graduate is expected to know and understand the economic, legal and other conditions of research work and its ethical aspects.	Short writing assignments
The graduate is able to critically analyze and evaluate results of	Short writing assignments

The course realized within the project number POWR.03.02.00-00-1023/17 co-financed under the Operational Program Knowledge Education Development of priority axis III: Higher education for economy and development, activities: 3.2 PhD studies

research work, experts' analyses, and other work of creative character and their contribution to science development.	
The graduate is able to spread the results of research work in the form of papers and in science popularization forms.	Short writing assignments
The graduate is able to speak in a foreign language at a level allowing participation in international scientific society and research groups, in particular is able to initiate and establish international contacts for exchange of experience and ideas.	Performance in the class and short writing assignments
The graduate is ready to realize social obligations of research workers and initiate activities for public interest, e.g. by spreading in the correct way the information and opinions on the achievement of science, engagement in education of specialists and other activities contributing to development of civil society based on knowledge.	Short writing assignments
Literature	<ol style="list-style-type: none"> 1. Juhani Jänne, A Guide to Scientific Writing. Preparing an article and a grant proposal in the biosciences, pp. 1-70, AIVI Academic Press, 2005, http://epublications.uef.fi/pub/urn_isbn_951-27-0315-7/urn_isbn_951-27-0315-7.pdf 2. Jean-Luc Lebrun, Scientific writing 2.0. A reader and writer's guide. World Scientific Publishing Co. Pte. Ltd., 2011 3. James Hartley, Academic writing and publishing. A practical handbook, Routledge, 2008 http://inf.ucv.ro/~mirel/courses/MIAM114/docs/academicwriting.pdf
Additional information	<p>Schedule (suggested dates):</p> <ol style="list-style-type: none"> 1. 01.02.2019 (Fri) – 11:30-15:15 (5 h) 2. 08.02.2019 (Fri) – 11:30-15:15 (5h) 3. 15.02.2019 (Fri) – 11:30-15:15 (5 h) <p>Contact: malinska.krystyna@gmail.com</p>