

**DESCRIPTION OF TRAINING PROGRAMME  
FOT THE DOCTORAL SCHOOL AT THE KAZIMIERZ WIELKI UNIVERSITY**

<b>INFORMATION ON COURSE</b>	
Course	<b>Scientific writing</b>
Type of classes	basic classes
Academic year	<b>2020/2021</b>
Class instructor	<b>dr hab. Piotr Siuda, prof. uczelni</b>
Number of hours	<b>15</b>
Forme of classes	<b>lab</b>
Pass rules	<b>credit with grade</b>
Language of lecture	<b>english</b>
<b>Framework learning outcomes (8 PRK)</b>	<ul style="list-style-type: none"> <li>• is able to communicate on specialist topics to the extent that they enable an active participation in the international scientific community</li> <li>• is able to disseminate research results, including in popular forms</li> <li>• is able to participate in a scientific discourse</li> <li>• is ready for critical evaluation of the achievements of a given scientific or artistic discipline</li> </ul>
<b>DETAILED DESCRIPTION OF CLASSES</b>	
<b>Particular learning outcomes</b>	<p>W01 – knows how to prepare to writing a scientific paper and how to choose the type of publication.</p> <p>W02 – knows how to reach the editor and reviewers.</p> <p>W03 – knows how to write a good research paper.</p> <p>W04 – knows the structure of a scientific paper.</p> <p>U01 – uses tools that facilitate writing: reference managers, note management programs, scientific text editors.</p> <p>U02 – uses data visualization software.</p> <p>K01 – publishes according to the ethos of the research community.</p>
<b>Program content implemented during classes</b>	
<p><b>PUBLICATION AS A SOURCE OF SCIENTIFIC SUCCESS</b></p> <ul style="list-style-type: none"> <li>• How to prepare for writing a scientific paper?</li> <li>• Writing in Polish or in English?</li> <li>• What to consider when choosing a journal / publisher?</li> <li>• Ministerial lists of scientific journals and peer-reviewed proceedings from international conferences.</li> <li>• Citation analysis – Web of Science; Impact Factor; Scopus - CiteScore, Scimago Journal Rank (SJR), Source Normalized Impact per Paper (SNIP); the Hirsch index and the Egghe index for journals; Google Metrics.</li> <li>• Writing as a process.</li> <li>• Choosing the type of publication.</li> <li>• Criteria for reviewing papers.</li> <li>• Organizing the material and choosing the writing style.</li> </ul>	

## ARTICLE AS A FORM OF SCIENTIFIC COMMUNICATION

- Universal structure of a scientific paper.
- The title of the article as a determinant of its content.
- Strategies for creating a good title.
- Key words.
- List of authors.
- Research articles, ie the need to use the AIMRaD (Abstract, Introduction, Materials and methods, Results, and Discussion) structure and its various variants.
- Why the Abstract is so important, ie the organization and the basic elements of the summary.
- The Introduction.
- Results section.
- Methods section.
- Discussion section.
- Acknowledgments.

## WRITING SKILLS

- Covering letter.
- Responding to reviewers – how to deal with rejections.
- Literature reviews – narrative and systematic ones.
- How to write a good literature review.

## WORKSHOP OF THE AUTHOR OF SCIENTIFIC PAPERS

- Tools to help you write.
- Reference managers.
- Citavi.
- Specialized text editors.
- Scrivener.
- Data visualization tools – how to improve your publication.
- Mind maps and diagrams.
- Brief overview of tools enabling efficient management of research teams.

<b>Didactic methods</b>	lecture, discussion, presentations, case studies
<b>Assessment methods and criteria</b>	test, exercises (tasks) in class
<b>Passing rules</b>	grade
<b>Basic literature</b>	<ul style="list-style-type: none"><li>• Day R.A., Gastel B., How to Write and Publish a Scientific Paper, Cambridge University Press, Cambridge 2017.</li></ul>
<b>Supplementary literature</b>	<ul style="list-style-type: none"><li>• Craswell G., Poore M., Writing for Academic Success, Sage Publications, London–Thousand Oaks–New Delhi–Singapore 2012.</li><li>• Silvia P.J., Write It Up: Practical Strategies for Writing and Publishing Journal Articles, APA LifeTools, Washington 2014.</li><li>• Silvia P.J., How to Write a Lot: A Practical Guide to Productive Academic Writing, APA LifeTools, Washington 2007.</li></ul>

	<ul style="list-style-type: none"> <li>• Sword H., Stylish Academic Writing, Harvard University Press, Cambridge–Massachusetts–London 2012.</li> <li>• Schimel J., Writing Science: How to Write Papers That Get Cited and Proposals That Get Funded, Oxford University Press, New York 2011.</li> <li>• Belcher W.L., Writing Your Journal Article in Twelve Weeks: A Guide to Academic Publishing Success, SAGE Publications, London–Thousand Oaks–New Delhi–Singapore 2009.</li> <li>• Stępień B., Zasady pisania tekstów naukowych. Prace doktorskie i artykuły, PWN, Warszawa 2016.</li> <li>• Steven P., The Sense of Style: the thinking person’s guide to writing in the 21st century, Penguin, New York 2015.</li> <li>• Swales J.M., Feak C.B., Abstracts and the writing of abstracts, University of Michigan Press, Michigan 2009.</li> </ul>
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### ATTACHMENT FOR DESCRIPTION OF TRAINING PROGRAMME

<b>Course</b>	Scientific writing
<b>Forme of classes</b>	<b>stationary</b> / <del>manual</del> / <del>mixed model</del> *
Form and date of individual consultations *	MSTeams, Monday 16:15-17:45
Form of passing of assessment / examination	1. <del>orally</del> / written 2. <del>manual</del> / stationary dodatkowy opis: <i>np. test, praca zaliczeniowa, projekt</i>