

Course title in English	Scientific writing
Course title in Polish	Scientific writing
Course code	
Type of course	Seminar
Level of course	PhD
Year of study	1-4
Semester/trimester	1-8
Number of hours/credits allocated	30/2
Name of lecturer	Tomasz Puzyn
Objective of the course (expected learning outcomes and competences to be acquired)	<p><u>Knowledge:</u></p> <p><u>After completing the course each PhD student:</u></p> <ul style="list-style-type: none"> ▪ knows what stages the process of publishing scientific texts consists of; ▪ knows and understands the general principles and recommendations for writing scientific texts; ▪ knows the rules for determining the authorship of scientific papers, knows what scientific misconduct is and understands the essence of plagiarism. <p><u>Skills:</u></p> <p><u>After completing the course, each PhD student:</u></p> <ul style="list-style-type: none"> ▪ can independently write a short scientific text based on the principles learned; ▪ can critically verify the way of editing the scientific text by other authors. <p><u>Social competence:</u></p> <p><u>After completing the course each PhD student:</u></p> <ul style="list-style-type: none"> ▪ recognizes the need to follow ethical principles when writing scientific texts and the consequences of non-compliance with these rules.
Prerequisites	Ability to use spoken and written English at at least B2 level.
Course contents	<ul style="list-style-type: none"> ▪ The process of publishing scientific papers ▪ Planning your writing

	<ul style="list-style-type: none"> ▪ Word usage and grammar in scientific writing ▪ Writing the introduction ▪ Writing the methods ▪ Writing the results and discussion ▪ Preparing the references section ▪ Preparing figures and tables ▪ IT tools that support writing ▪ Ethics in scientific writing.
Recommended reading	<p>List of literature</p> <p>A. Literature required for the final passing of the course (passing the exam):</p> <p>A.1. used during classes</p> <ul style="list-style-type: none"> • M. E. Tischler: Scientific writing booklet. Dept. of Biochemistry and Molecular Biophysics, University of Arizona. <p>A.2. studied individually by the student</p> <ul style="list-style-type: none"> • V. Booth: Writing a scientific paper. London, The Biochemical Society, 1979. • M. Cargill, P. O’Conor: Writing scientific research articles: strategy and steps. Oxford, Wiley-Blackwell, 2009. • R. A. Day: How to write and publish a scientific paper. Philadelphia, ISI Press, 1983. • J. R. Matthews, J. M. Bowen, R. W. Matthews. Successful scientific writing: a step-by-step guide for biomedical scientists. New York, Cambridge University Press, 2000. • V. McMillan: Writing papers in biological sciences. Boston, Bedford Books, 2001. • J. A. Pechenik. A short guide to writing about biology. New York, Longman, 2001.a <p>B. Supplementary literature.</p>
Teaching methods	<p>seminar: a paper prepared by a doctoral student, problem solving by doctoral students with the participation of a person conducting classes, analysis of various possibilities of solutions combined with discussion, independent work between classes.</p>
Assessment methods	<p>A. Way of passing, according to Regulations of Studies at UG</p> <ul style="list-style-type: none"> • pass with grade <p>B. Forms of passing</p> <p>The final grade from the course will be issued as a weighted average of four partial grades for:</p> <ul style="list-style-type: none"> • a recapitulation of the issue agreed with the teacher (weight 30%); • writing a scientific article on a topic agreed with the teacher (weight 30%);

	<ul style="list-style-type: none"> • checking (reviewing) a scientific article written by another participant of the course in terms of compliance with the rules discussed in the course (weight 30%); • activity during classes (weight 10%). <p>C. Basic evaluation criteria or examination requirements</p> <p>Paper:</p> <ul style="list-style-type: none"> • Preparation and exhaustive reporting of a series of issues agreed with the teacher. <p>Scientific article:</p> <ul style="list-style-type: none"> • Applying the principles discussed during the course. <p>Review:</p> <ul style="list-style-type: none"> • Check that all rules discussed during the course have been applied by the author. <p>Activity:</p> <ul style="list-style-type: none"> • Active participation in class discussions. <p>D. Method of verification of the assumed teaching outcomes within a given subject</p> <ul style="list-style-type: none"> • Observation of the skills of class participants during the course • Assessment of tasks completed by students.
Language of instruction	Polish