

Course title:	Scientific Reporting and Articles preparation
Institute/Division:	FACULTY OF CHEMICAL ENGINEERING AND TECHNOLOGY / Department of Chemistry and Technology of Polymers
Number of contact hours:	30 hours (15 h lectures & 15 h seminars)
Course duration:	1 semester (7 th semester of regular I cycle studies - fall)
ETCS credits:	3
Course description:	<p>Discovery leads to progress only when it is shared. This course primarily teaches young scientists the essential skills for communicating new knowledge in the form of written text and oral presentation. The following aspects will be discussed in detail: Types of scientific texts, and their similarities and differences. Standard format of a scientific text. Use of language for effective communication of knowledge. Figures, plots, and tables. Publishing ethics. The peer review system. Citations and metrics. Tips for young writers. Types of oral presentations. Conferences and other scientific and technical meetings. Principles of a good presentation.</p> <p>The seminar part of the course will give to the students the opportunity to train their publishing skills, and receive feedback from the instructor and their classmates.</p>
Education effects :	<ul style="list-style-type: none"> - knowledge : Understanding of the scope of scientific writing and its operating principles - skills: Students will be able to communicate new knowledge in written and spoken form - social: Enhancing communication skills
Literature:	<ol style="list-style-type: none"> 1 . Katz Michael J. — From Research to Manuscript, 2009, Springer 2. Schimel Joshua — Writing Science: How to Write Papers That Get Cited and Proposals That Get Funded, 2012, Oxford university Press
Assessment method:	Exercise sets, Oral presentation
Prerequisites:	none
Primary target group:	Advanced undergraduate students in the field of Chemical and Materials engineering
Lecturer:	dr K.N. Raftopoulos
Contact person:	dr K.N. Raftopoulos e-mail: raftopoulos@chemia.pk.edu.pl
Remarks:	The course is regular