

## DESCRIPTION OF THE COURSE OF STUDY

<b>Course code</b>	0531.6.CHEM1.B/C.MPiPPN	
<b>Name of the course in</b>	Polish	Metodyka pisania i prezentowania prac naukowych
	English	Methods of scientific text writing and presentation

### 1. LOCATION OF THE COURSE OF STUDY WITHIN THE SYSTEM OF STUDIES

<b>1.1. Field of study</b>	<b>Chemistry</b>
<b>1.2. Mode of study</b>	<b>Full-time study</b>
<b>1.3. Level of study</b>	<b>I<sup>o</sup>, Bachelor's study</b>
<b>1.4. Profile of study*</b>	<b>General academic</b>
<b>1.5. Person/s preparing the course description</b>	Prof. dr hab. Zdzisław Migaszewski
<b>1.6. Contact</b>	Zdzislaw.Migaszewski@ujk.edu.pl

### 2. GENERAL CHARACTERISTICS OF THE COURSE OF STUDY

<b>2.1. Language of instruction</b>	<b>English/Polish</b>
<b>2.2. Prerequisites*</b>	<b>None</b>

### 3. DETAILED CHARACTERISTICS OF THE COURSE OF STUDY

<b>3.1. Form of classes</b>	<b>Lectures</b>	
<b>3.2. Place of classes</b>	<b>Lecture rooms of the Institute of Chemistry</b>	
<b>3.3. Form of assessment</b>	<b>Credit (test)</b>	
<b>3.4. Teaching methods</b>	<b>PowerPoint presentation</b>	
<b>3.5. Bibliography</b>	<b>Required reading</b>	Iskander J.K., Wolicki S.B., Leeb R.T., Siegel P.Z. 2018. Successful Scientific Writing and Publishing: A Step-by-Step Approach. Prev. Chronic Dis. 15. Prayag A. 2019. Overview and Principles of Scientific Writing. Indian J. Med. Paediatr. Oncol. 40, 420-430. Gambarelli G., Łucki Z. 2001. How to prepare M.A., B.A. and Ph.D. dissertations. Wyd. Universitas, Kraków (in Polish). Conference presentations in PowerPoint by Z.M. Migaszewski
	<b>Further reading</b>	Weiner J., 2006. Methods of writing and presentation of natural scientific publications. Wyd. Nauk. PWN, Warszawa (in Polish).

### 4. OBJECTIVES, SYLLABUS CONTENT AND INTENDED LEARNING OUTCOMES

<b>4.1. Course objectives (including form of classes)</b>
C1. Acquiring by students the abilities to prepare and present scientific publications with a special emphasis on the B.A. thesis.
<b>4.2. Detailed syllabus (including form of classes)</b>
<b>Lecture</b>
Specificity of scientific text writing, structure of scientific publications, principles on the preparation of scientific publications, searching for relevant information, organization of worktime, preparation of thesis (dissertation), presentation of results in electronic form, technical tips regarding preparation of electronic presentations.

#### 4.3 Intended learning outcomes

<b>Code</b>	<b>A student, who passed the course</b>	<b>Relation to learning outcomes</b>
within the scope of <b>KNOWLEDGE:</b>		
W01	Student should know the general principles that enable preparation of scientific texts, including B.A. and M.A. dissertations and PowerPoint presentations.	CHEM1A_W08
within the scope of <b>ABILITIES:</b>		
U01	Student gains the general knowledge on methods of scientific text preparation.	CHEM1A_U05
U01	Student has an ability to select relevant data and makes a critical approach at the scope of implemented issues.	CHEM1A_U05
U03	Student knows how to use different publications and other accessible information data.	CHEM1A_U05
within the scope of <b>SOCIAL COMPETENCE:</b>		

K01	Student is aware of the significance of essential information regarding scientific text writing and is able to critically assess the significance of different scientific sources.	CHEM1A_K01
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4.4. Methods of assessment of the intended learning outcomes																
Teaching outcomes (code)	Method of assessment (+/-)															
	Exam written*			Test*			Project*			Group work*			Others* e.g. standardized test used in e-learning			
	Form of classes			Form of classes			Form of classes			Form of classes			Form of classes			
	L	C	...	L	C	...	L	C	...	L	C	...	L	C	...	
W01	+															
U01	+															
U02	+															
U03	+															
K01	—															

*\*delete as appropriate*

4.5. Criteria of assessment of the intended learning outcomes		
Form of classes	Grade	Criterion of assessment
Lecture (L)* (including e-learning)	3	Student attains 50-60% of the total test points
	3,5	Student attains 61-70% of the total test points
	4	Student attains 71-80% of the total test points
	4,5	Student attains 81-90% of the total test points
	5	Student attains 91-100% of the total test points
Classes (C)* (including e-learning)	3	—
	3,5	—
	4	—
	4,5	—
	5	—
Other (...)* (including e-learning)	3	—
	3,5	—
	4	—
	4,5	—
	5	—

#### 5. BALANCE OF ECTS CREDITS – STUDENT'S WORK INPUT

Category	Student's workload	
	Full-time studies	Extramural studies
<b>NUMBER OF HOURS WITH THE DIRECT PARTICIPATION OF THE TEACHER /CONTACT HOURS/</b>	<b>15</b>	
Participation in lectures*	15	
Participation in classes, seminars, laboratories*	—	
Preparation in the exam/final test*	—	
Others*	—	
<b>INDEPENDENT WORK OF THE STUDENT/NON-CONTACT HOURS/</b>	<b>10</b>	
Preparation for the lecture*	4	
Preparation for the classes, seminars, laboratories*	—	
Preparation for the exam/test*	6	
Gathering materials for the project/Internet query*	—	
Preparation of multimedia presentation	—	
Others*	—	
<b>TOTAL NUMBER OF HOURS</b>	<b>25</b>	
ECTS credits for the course of study	1	

*\*delete as appropriate*

*Accepted for execution* (date and legible signatures of the teachers running the course in the given academic year)

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