


**KAPITAŁ LUDZKI**  
 NARODOWA STRATEGIA SPÓJNOŚCI

 Projekt współfinansowany przez  
 Unię Europejską w ramach  
 Europejskiego Funduszu  
 Społecznego

**UNIA EUROPEJSKA**  
 EUROPEJSKI  
 FUNDUSZ SPOŁECZNY


<b>Course title</b>		<b>ECTS code</b>	
Degree seminar		13.3.0511	
<b>Name of unit administrating study</b>			
null			
<b>Studies</b>			
<b>faculty</b>	<b>field of study</b>	<b>type</b>	pierwszego stopnia
Wydział Chemii	Chemia	<b>form</b>	stacjonarne
		<b>specjalty</b>	chemia biomedyczna, chemia kosmetyków, analityka i diagnostyka chemiczna, chemia żywności
		<b>specialization</b>	wszystkie
<b>Teaching staff</b>			
<p>dr hab. Jolanta Kumirska, profesor uczelni; dr hab. Marek Gołębiowski, profesor uczelni; dr hab. Zbigniew Kaczyński, profesor uczelni; prof. UG, dr hab. Monika Paszkiewicz; dr Jaromir Kira; prof. UG, dr hab. Agnieszka Chylewska; prof. dr hab. Mariusz Makowski; prof. dr hab. inż. Lech Chmurzyński; dr hab. Aleksandra Dąbrowska, profesor uczelni; dr Joanna Jeżewska-Fraćkowiak; prof. dr hab. Sylwia Rodziewicz-Motowidło; dr hab. Elżbieta Jankowska, profesor uczelni; dr Grzegorz Olszewski; dr Ewa Mulkiewicz; dr Ewa Wieczerzak; dr Dorota Zarzeczańska; prof. dr hab. Piotr Stepnowski; prof. dr hab. Franciszek Kasprzykowski; prof. dr hab. Krzysztof Rolka; dr hab. Joanna Makowska, profesor uczelni; dr Agnieszka Gajewicz-Skrętna; dr hab. Łukasz Haliński; dr hab. Beata Grobelna, profesor uczelni; prof. dr hab. inż. Tadeusz Ossowski; dr hab. Aneta Szymańska, profesor uczelni; prof. dr hab. Piotr Skowron; dr hab. Agnieszka Żylicz-Stachula, profesor uczelni; dr Katarzyna Guzow; dr hab. Anna Białk-Bielińska, profesor uczelni; prof. dr hab. Piotr Rekowski; dr hab. Magda Caban, profesor uczelni</p>			
<b>Forms of classes, the realization and number of hours</b>		<b>ECTS credits</b>	
<b>Forms of classes</b>		3	
Seminar		classes 30 h	
<b>The realization of activities</b>		tutorial classes 5 h	
classroom instruction		student's own work 40 h	
<b>Number of hours</b>		TOTAL: 75 h - 3 ECTS	
Seminar: 30 hours			
<b>The academic cycle</b>			
2024/2025 summer semester			
<b>Type of course</b>		<b>Language of instruction</b>	
obligatory		polish	
<b>Teaching methods</b>		<b>Form and method of assessment and basic criteria for evaluation or examination requirements</b>	
discussion		<b>Final evaluation</b>	
		Graded credit	
		<b>Assessment methods</b>	
		assignment work – project or presentation	
		<b>The basic criteria for evaluation</b>	
		According to the UG Study Regulatory;	
		<ul style="list-style-type: none"> <li>• Conditions to obtain a positive grade: min. 51% of possible points from preparation of presentation of presentations, including thesis project presentation</li> <li>• Negative grade could be improved based on the preparation and presentation of additional work.</li> </ul>	
<b>Method of verifying required learning outcomes</b>			
<b>Required courses and introductory requirements</b>			
<b>A. Formal requirements</b>			
completed courses of obligatory subjects provided for in the program of studies in the field of Chemistry (University of Gdańsk) in semesters from one to five			

<p><b>B. Prerequisites</b> knowledge of the basics of organic and physical chemistry and biochemistry at the first cycle of academic education; ability to use basic software packages (including word processors and tools for preparing multimedia presentations), basic knowledge of English</p>	
<p><b>Aims of education</b></p> <ul style="list-style-type: none"> <li>• substantive preparation of students for the diploma project and diploma exam</li> <li>• supporting and monitoring the implementation of the diploma project</li> <li>• developing the ability to understand scientific texts in the field of chemistry at the basic level in Polish and English</li> <li>• developing the skills of independent selection of scientific sources and searching for necessary information in them</li> </ul>	
<p><b>Course contents</b></p> <ol style="list-style-type: none"> <li>1) Rules for proper preparation and edition of diploma theses in the field of exact and natural sciences</li> <li>2) Bibliographic databases on exact and natural sciences and ways of using them</li> <li>3) Methods of searching information in literature sources</li> <li>4) Analysis of scientific texts on the example of publications in a foreign language proposed by the teacher</li> <li>5) Rules for preparing and presenting public speaking</li> </ol>	
<p><b>Bibliography of literature</b></p> <p>A.1. Literature used during classes Books and scientific articles related to the selected specialty and / or the topic of the diploma project</p> <p>A.2. Literature for individual studies Books and scientific articles related to the selected specialty and / or subject of the diploma project</p> <p>Extracurricular readings Books and scientific articles related to the selected specialty and / or subject of the diploma project</p>	
<p><b>The learning outcomes (for the field of study and specialization)</b></p>	<p><b>Knowledge</b></p> <p>Student:</p> <ul style="list-style-type: none"> <li>• lists the most important bibliographic databases in the field of exact and natural sciences</li> <li>• describes the rules for preparing and delivering papers at a popular science level</li> <li>• describes the basic principles of preparing scientific papers in the field of exact sciences</li> </ul>
	<p><b>Skills</b></p> <p>Student:</p> <ul style="list-style-type: none"> <li>• independently uses literature databases and critically selects source texts for given or selected topic</li> <li>• reads with understanding, analyzes and evaluates simple scientific texts in Polish and English</li> <li>• prepares a study presenting a specific problem in the field of the scientific discipline being studied and the selected specialty</li> <li>• has the ability to prepare an oral presentation on a given topic in Polish</li> <li>• discusses in a substantive manner the subject presented during his or her own presentation</li> </ul>
	<p><b>Social competence</b></p> <p>Student:</p> <ul style="list-style-type: none"> <li>• maintains criticism in expressing opinions and is open to the views of co-effectors</li> <li>• shows activity in deepening knowledge and appreciates the need for continuous education</li> </ul>
<p><b>Contact</b></p> <p>jolanta.kumirska@ug.edu.pl</p>	