

Course title Pracownia dyplomowa/B.Sc. laboratory class		ECTS code 7.2.0573	
Name of unit administrating study			
Faculty of Chemistry			
Studies			
Field of study	Type	Form	
Environmental Protection	Bachelor	Full-time studies	
Teaching staff Dr hab. Jolanta Kumirska, prof. UG			
Forms of classes, the realization and number of hours		ECTS credits	
A. Forms of classes, in accordance with the UG Rector's regulations Laboratory classes		classes 60 h tutorial classes 10 h student's own work 55 h TOTAL: 125 h - 5 ECTS	
B. The realization of activities In-class learning			
C. Number of hours Laboratory classes 60 h			
The academic cycle Third year, summer semester			
Type of course obligatory		Language of instruction Polish	
Teaching methods Laboratory experiments		Form and method of assessment and basic criteria for evaluation or examination requirements	
		A. Final evaluation, in accordance with the UG study regulations Course completion (with a grade)	
		B. Assessment methods realization of diploma project and presentation of the obtained results	
		The basic criteria for evaluation According to the UG Study Regulatory; • Conditions to obtain a positive grade: min. 51% of possible points, including the preparation of diploma project • Negative grade could be improved based on the preparation and presentation of additional work.	
Required courses and introductory requirements			
A. Formal requirements none			
B. Prerequisites Knowledge of basic issues in the field of chemistry and / or related scientific fields			
Aims of education			
<ul style="list-style-type: none"> • To gain competences of correct performing of research in the field of selected specialization and / or topic of the diploma • Acquainting with the basic aspects of the construction and operating principle of the used research equipment • To gain knowledge in the field of the basic computational methods in the field of selected specialization and / or topic of the diploma • Acquiring the ability of critical interpretation of the obtained results. • Developing the skills of correct preparation of the diploma project. 			
Course contents			
The program contents are varied and adapted to the scope of the chosen specialization and/ or and / or topic of the diploma			

Bibliography of literature

A. Literature required to pass the course :

A.1. Literature used during classes:

Books and scientific articles are related to the selected speciality mode and / or to the topic of diploma project

A.2. Literature for individual studies:

Books and scientific articles are related to the selected speciality mode and / or to the topic of diploma project

B. Extracurricular readings

Books and scientific articles are related to the selected speciality mode and / or to the topic of diploma project