KAPITAŁ LUDZKI
NARODOWA STRATEGIA SPÓJNOŚCI
Projekt współfinansowany przez Unię Europejską w ramach Europejskiego Funduszu Społecznego
UNIA EUROPEJSKA
EUROPEJSKI FUNDUSZ SPOŁECZNY

Course title	ECTS code
B.Sc. laboratory class	13.3.0460

Name of unit administrating study

null

Studies

faculty	field of study		
Wydział Chemii	Chemia	type	pierwszego stopnia
		form	stacjonarne
		specialty	chemia biomedyczna, chemia kosmetyków, analityka i diagnostyka chemiczna, chemia żywności
		specialization	wszystkie

Teaching staff

dr hab. Jolanta Kumirska, profesor uczelni; dr hab. inż. Ewelina Grabowska-Musiał; dr hab. Aleksandra Dąbrowska, profesor uczelni; prof. UG, dr hab. Monika Paszkiewicz; dr hab. Agnieszka Żylicz-Stachula, profesor uczelni; dr Samanta Romanowska; dr hab. Łukasz Haliński; dr hab. Anna Łęgowska, profesor uczelni; dr Natalia Gruba; dr inż. Karolina Jagiełło; dr hab. Zbigniew Kaczyński, profesor uczelni; dr inż. Anna Malankowska; dr hab. Jarosław Ruczyński; dr Grzegorz Olszewski; dr hab. Anna Białk-Bielińska, profesor uczelni; dr hab. Dagmara Strumińska-Parulska, profesor uczelni; prof. dr hab. Mariusz Makowski; dr Ewa Mulkiewicz; prof. dr hab. Adam Lesner; dr hab. Magdalena Wysocka, profesor uczelni; dr hab. Leszek Rolbiecki; dr inż. Anna Gołąbiewska; dr inż. Patrycja Jutrzenka Trzebiatowska; dr hab. Beata Grobelna, profesor uczelni; dr Ewa Wieczerzak; prof. dr hab. Adam Prahl; dr hab. Marek Gołębiowski, profesor uczelni; dr Joanna Drzeżdżon; dr hab. Alicja Boryło, profesor uczelni; prof. UG, dr hab. Agnieszka Chylewska; prof. dr hab. Piotr Stepnowski; dr Grzegorz Olszewski; dr Dorota Zarzeczańska; prof. dr hab. Piotr Skowron; dr Jaromir Kira; dr Agnieszka Gajewicz-Skrętna; prof. dr hab. Krzysztof Rolka; dr hab. Andrzej Nowacki

Forms of classes, the realization and number of hours

Forms of classes

Laboratory classes

The realization of activities

classroom instruction

Number of hours

Laboratory classes: 60 hours

ECTS credits

4
classes 60 h
tutorial classes 5 h
student's own work 35 h
TOTAL: 100 h - 4 ECTS

The academic cycle

2024/2025 summer semester

Type of course

obligatory

Language of instruction

polish

Teaching methods

conducting experiments

Form and method of assessment and basic criteria for eveluation or examination requirements

Final evaluation

Graded credit

Assessment methods

ssignment work – conducting research and presenting 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.

Method of verifying required learning outcomes

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

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

The learning outcomes (for the field of study and specialization)	
	Knowledge
	Skills
	Social competence
	identifies the level of his/her knowledge and skills and understands the need for further education correctly identifies and resolves dilemmas related to this profession shows creativity in independent acting, can work in a team performing different roles taking into account the priorities for achieving the intended aims shows responsibility for the safety of own and other work and the workplace, complies with the rules conducted in emergencies

Contact

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