


KAPITAŁ LUDZKI
 NARODOWA STRATEGIA SPÓJNOŚCI

 Projekt współfinansowany przez
 Unię Europejską w ramach
 Europejskiego Funduszu
 Społecznego

UNIA EUROPEJSKA
 EUROPEJSKI
 FUNDUSZ SPOŁECZNY


Course title		ECTS code	
Information technology		13.3.0877	
Name of unit administrating study			
null			
Studies			
faculty	field of study	type	pierwszego stopnia
Wydział Chemii	Chemia	form	stacjonarne
		specjalty	chemia biomedyczna, chemia kosmetyków, analityka i diagnostyka chemiczna, chemia żywności
		specialization	wszystkie
Teaching staff			
dr Magdalena Ślusarz; dr hab. Artur Giełdoń; dr Rafał Ślusarz; dr Marcin Czapla; dr hab. Iwona Anusiewicz, profesor uczelni; prof. dr hab. Piotr Skurski; dr Sylwia Freza; prof. dr hab. Cezary Czaplewski, profesor uczelni			
Forms of classes, the realization and number of hours		ECTS credits	
Forms of classes		2	
Laboratory classes		classes - 30 h	
The realization of activities		tutorial classes – 5 h	
online classes		student's own work – 15 h	
Number of hours		Total: 50 h - 2 ECTS	
Laboratory classes: 30 hours			
The academic cycle			
2022/2023 summer semester			
Type of course		Language of instruction	
obligatory		polish	
Teaching methods		Form and method of assessment and basic criteria for evaluation or examination requirements	
		Final evaluation	
		Graded credit	
		Assessment methods	
		graded course credit based on individual grades obtained during the semester	
		The basic criteria for evaluation	
		obtaining the required percentage value take from the average of the partial grades received during the semester- at least 51% of the maximum score, according to the Study Regulations	
Method of verifying required learning outcomes			
Required courses and introductory requirements			
A. Formal requirements			
none			
B. Prerequisites			
none			
Aims of education			
Familiarizing students with the operation of the e-mail account and the files in the cloud			
Introducing students to the basic tools for text editing, data analysis and graphically representing relationships, changing the attributes of graphical objects (both raster and vector), the free searching for information in the resources of the World Wide Web and creating multimedia presentations.			
Introducing students to the tools for creating and editing websites			
Presenting select molecular graphics programs allowing the visualization of molecules and writing chemical equations			

Familiarizing students with the Student Portal, the UG Educational Portal and the UG Knowledge-Base	
Course contents	
Laboratory issues: accounts, passwords, safety; using WWW resources (e-mail, web browsers, UG Student Portal, UG EducationalPortal, UG Knowledge Base); office suite – word processor, spreadsheet and charts, presentations; tools for drawing and visualization of the molecule structures; graphics editing (both raster and vector); creating web pages.	
Bibliography of literature	
none	
The learning outcomes (for the field of study and specialization)	Knowledge
	Skills
	Social competence
	The student is able to create files and directories, use web browsers to find desired information and use internet communicators. The student can build structure of the molecules, draw charts of the mathematical functions, edit graphical files and making multimedia presentation. The student can create web pages.
	The student works independently and shows creativity. The student understands the need to learn.
Contact	
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