


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		13.3.0729	
Name of unit administrating study			
null			
Studies			
faculty	field of study	type	first tier studies (BA)
Faculty of Chemistry	Chemical Business	form	full-time
		specialty	all
		specialization	all
Teaching staff			
dr Magdalena Ślusarz; dr hab. Iwona Anusiewicz, profesor uczelni; mgr Dawid Faron; dr Marcin Czapla; prof. dr hab. Piotr Skurski; dr hab. Artur Gieldoń; dr Rafał Ślusarz; dr Sylwia Freza			
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	
classroom instruction, 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 winter semester			
Type of course		Language of instruction	
obligatory		polish	
Teaching methods		Form and method of assessment and basic criteria for eveluation or examination requirements	
- Individual work of the student in the computer laboratory under the teacher's supervision - conducting experiments		Final evaluation	
		Graded credit	
		Assessment methods	
		graded course credit based on individual grades obtained during the semester	
		The basic criteria for evaluation	
		The basic criteria for evaluation or exam requirements	
		Final test; passed at least 51% of the maximum score, according to the Study Regulations.	
		Creating a multimedia presentation on a given topic	
Method of verifying required learning outcomes			
Required courses and introductory requirements			
A. Formal requirements			
none			
B. Prerequisites			
none			
Aims of education			
Aims of education			
• Introduction into the Unix-based operating systems. Familiarizing the students with the basic tools for: file operations, text editing, communication with remote system, changing of file attributes, graphics editing, the free search for the information on the resources of the WWW and e-mail handling.			

- Demonstration of molecular graphics programs (bioinformatics and visualization of the molecules) and tools for two-dimensional chemical compounds drawing.

- Familiarizing the students with Educational Portal of the University of Gdańsk; e-learning courses handling.

Course contents

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Laboratory issues: Linux operating system – accounts, passwords, safety, file and directory operations; text editors, logging into the remote system; using WWW resources (e-mail, web browsers, communicators); office suite – word processor, spreadsheet and charts, presentations; tools for drawing and visualization of the molecule structures; graphics editing; creating web pages in the CMS environment.

Bibliography of literature

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Literature required to pass the course

Monographic works provided by assistants leading classes

B. Extracurricular readings

The learning outcomes (for the field of study and specialization)

Knowledge

Skills

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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.

Social competence

Social competence

The student shows the sense of responsibility for entrusted computer equipment.

The student understands the need to learn.

Contact

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