


**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>	
Information technology		7.2.0524	
<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	Ochrona środowiska	<b>form</b>	stacjonarne
		<b>specjalty</b>	Podstawowa
		<b>specialization</b>	Podstawowa
<b>Teaching staff</b>			
dr Magdalena Ślusarz; dr hab. Artur Giełdoń; dr Sylwia Freza; dr Rafał Ślusarz; dr hab. Iwona Anusiewicz, profesor uczelni; dr Marcin Czapla; prof. dr hab. Cezary Czaplewski, profesor uczelni; prof. dr hab. Piotr Skurski			
<b>Forms of classes, the realization and number of hours</b>		<b>ECTS credits</b>	
<b>Forms of classes</b>		2	
Laboratory classes		classes - 30 h	
<b>The realization of activities</b>		tutorial classes – 5 h	
classroom instruction, online classes		student's own work – 15 h	
<b>Number of hours</b>		Total: 50 h - 2 ECTS	
Laboratory classes: 30 hours			
<b>The academic cycle</b>			
2022/2023 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>	
- Teaching methods Individual work of the student in the computer laboratory under the teacher's supervision - problem solving		<b>Final evaluation</b>	
		Graded credit	
		<b>Assessment methods</b>	
		graded course credit based on individual grades obtained during the semester	
		<b>The basic criteria for evaluation</b>	
		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	
<b>Method of verifying required learning outcomes</b>			
<b>Required courses and introductory requirements</b>			
<b>A. Formal requirements</b>			
none			
<b>B. Prerequisites</b>			
none			
<b>Aims of education</b>			
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

Course contents

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

Bibliography of literature

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**

**Social competence**

### Contact

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