

Course title Technologia informacyjna/Information technology		ECTS code 13.3.0877	
Name of unit administrating study Faculty of Chemistry			
Studies			
Field of study	Type	Form	
Chemistry	Bachelor	Full-time studies	
Teaching staff Dr Magdalena Ślusarz			
Forms of classes, the realization and number of hours		ECTS 2	
A. Forms of classes, in accordance with the UG Rector's regulations laboratory classes		classes - 30 h	
B. The realization of activities on- line classes		tutorial classes – 5 h	
C. Number of hours 30 h laboratory classes		student's own work – 15 h	
		Total: 50 h - 2 ECTS	
The academic cycle First year, summer semester			
Type of course obligatory		Language of instruction Polish	
Teaching methods Individual work based on of the teaching course available at UG Educational Portal		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 the final grade is determined by partial grades received during the semester	
		C. The basic criteria for evaluation or exam requirements 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	
Required courses and introductory requirements None			
Aims of education			
<ul style="list-style-type: none"> • 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**A. Literature required to pass the course**

Monographic works provided by assistants leading classes

B. Extracurricular readings**Skills**

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.

Social competence

The student works independently and shows creativity. The student understands the need to learn.