


**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  |                       | 13.3.0877   |   |
| <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  | Chemia                | <b>form</b>   | stacjonarne   |
|   |                       | <b>specjalty</b>  | chemia biomedyczna, chemia kosmetyków, analityka i diagnostyka chemiczna, chemia żywności |
|   |                       | <b>specialization</b>   | wszystkie   |
| <b>Teaching staff</b>   |                       |   |   |
| dr Magdalena Ślusarz; prof. dr hab. Cezary Czaplewski, profesor uczelni; dr hab. Iwona Anusiewicz, profesor uczelni; dr hab. Artur Gieldoń; dr Marcin Czapla; dr Rafał Ślusarz; prof. dr hab. Piotr Skurski; dr Sylwia Freza  |                       |   |   |
| <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  |   |
| 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>  |   |
|   |                       | <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>  |   |
|   |                       | 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 |   |
| <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>  |                       |   |   |
| 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  |                       |   |   |

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|--|---|
| Familiarizing students with the Student Portal, the UG Educational Portal and the UG Knowledge-Base  |   |
| <b>Course contents</b>   |   |
| 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. |   |
| <b>Bibliography of literature</b>  |   |
| none   |   |
| <b>The learning outcomes (for the field of study and specialization)</b>   | <b>Knowledge</b>  |
|  | <b>Skills</b>   |
|  | <b>Social competence</b>  |
|  | 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.  |
| <b>Contact</b>   |   |
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