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| Course title Technologia informacyjna/Information technology | | ECTS code 7.2.0524 | |
| Name of unit administrating study Faculty of Chemistry | | | |
| Studies | | | |
| Field of study | Type | Form | |
| Environmental Protection | 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, in-class learning | | 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 2019/20 winter semester | | | |
| Type of course obligatory | | Language of instruction Polish | |
| Teaching methods Individual work of the student in the computer laboratory under the teacher's supervision | | 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 kolokwium | |
| | | C. 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 | |
| Required courses and introductory requirements None | | | |
| Aims of education <ul style="list-style-type: none"> • 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 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

A. Literature required to pass the course

Monographic works provided by assistants leading classes

B. Extracurricular readings