

1.	<b>Field of study</b>	<b>Digital communication</b>
2.	Faculty	Faculty of Humanities
3.	Academic year of entry	2024/2025 (winter term)
4.	Level of qualifications/degree	first-cycle studies
5.	Degree profile	general academic
6.	Mode of study	full-time

<b>7. General information about the module</b>	
<b>Module name</b>	<b>Introduction to computer science</b>
Module code	01-KC-S1-WI
Number of the ECTS credits	4
Language of instruction	Polish
Purpose and description of the content of education	W ramach modułu studenci/studentki zapoznają się z zasadami pracy z najpopularniejszymi systemami operacyjnymi (Linux, Windows, MacOS). Studenci/studentki nabeżdą umiejętność pracy w trybie tekstowym (CLI), poznają zasady programowania w Shellu, a także wykorzystania wyrażeń regularnych (RE). Osoby studiujące poznają również narzędzia i protokoły środowiska sieciowego: praca zdalna (telnet/ssh), przesyłanie plików (ftp/scp), poczta email oraz www (http/https).
List of modules that must be completed before starting this module (if necessary)	not applicable

<b>8. Learning outcomes of the module</b>			
Code	Description	Learning outcomes of the programme	Level of competenc (scale 1-5)
WI_1	ma wiedzę teoretyczną dotyczącą technologii informacyjnej i komunikacyjnej (ICT)	KC_W01	4
WI_2	ma wiedzę ogólną dotyczącą budowy i funkcjonowania systemów komputerowych i sieciowych, komputerowego przetwarzania danych, typowego oprogramowania systemowego i użytkowego, możliwych zagrożeń	KC_W05	5
WI_3	potrafi dobrać i wykorzystać narzędzia systemowe do rozwiązywania typowych problemów informatycznych	KC_K01	4
		KC_U05	4
WI_4	potrafi zautomatyzować typowe zadania informatyczne z wykorzystaniem programowania w odpowiednim języku powłoki	KC_U06	5
WI_5	zna zalety i znaczenie używania otwartego oprogramowania systemowego. Potrafi wybrać właściwe środowisko do typowych zastosowań biznesowych	KC_K02	3
		KC_K04	3

<b>9. Methods of conducting classes</b>		
Code	Category	Name (description)
a05	Lecture methods / expository methods	Explanation/clarification <i>explication involving the derivation of a predetermined theorem from other, already known ones, in the number of steps specified by the person teaching the course</i>

b04	Problem-solving methods	Activating method – discussion / debate <i>an exchange of views supported by substantive arguments leading to a clash of different views, a compromise or the identification of common positions; it proceeds according to previously agreed-upon rules regarding the time, manner and turn-taking as well as the principles of civil discourse; a discussion is not a competition but aims at finding the best solutions or presenting different points of view; its varieties include brainstorming, Oxford-style debate, panel discussion, decision tree, conference discussion; a debate is an orderly dispute between supporters and opponents of a viewpoint, usually specialists in the field or pre-selected representatives of a group dealing with a common problem</i>
d01	Programmed learning methods	Working with a computer <i>e.g., Webquest; implementation of educational tasks using electronic and digital devices, computer programs and Internet applications; the academic teacher acts as a consultant; students' work is carried out step by step according to the plan laid own by the person teaching the course and following his instructions, and proceeds towards producing the indicated results within the set deadline</i>

10. Forms of teaching					
Code	Name	Number of hours	Assessment of the learning outcomes of the module	Learning outcomes of the module	Methods of conducting classes
WI_L	laboratory classes	45	course work	WI_1, WI_2, WI_3, WI_4, WI_5	a05, b04, d01

11. The student's work, apart from participation in classes, includes in particular:			
Code	Category	Name (description)	Is it part of the BUNA?
a03	Preparation for classes	Developing practical skills <i>activities involving the repetition, refinement and consolidation of practical skills, including those developed during previous classes or new skills necessary for the implementation of subsequent elements of the curriculum (as preparation for class participation)</i>	Yes
b01	Consulting the curriculum and the organization of classes	Getting acquainted with the syllabus content <i>reading through the syllabus and getting acquainted with its content</i>	No

Information on the details of the module implementation in a given academic year can be found in the syllabus available in the USOS system: <https://usosweb.us.edu.pl>.