Tutorial

Course description

Basic information

Field of study : Analytical Computer Science

Path : -

Organizational unit : Faculty of Mathematics and Computer Science

Education level : first-cycle studies

Form of study : full-time studies

Study profile : general academic

Obligatory status : mandatory

Education cycle : 2022/23

Course code : UJ.WMIIANS.1200.02446.22

Languages of instruction : Polish

Course related to scientific research : Yes

Disciplines : Computer Science

ISCED classification : 0588 Natural sciences, mathematics and statistics, inter-disciplinary programmes, 0612 Database and network design and administration, 0613 Software and applications development and analysis, 0619 Information and Communication Technologies not elsewhere classified, 0688 Information and Communication Technologies (ICTs), inter-disciplinary programmes

USOS code : WMI.TCS.TUT.T

Course coordinator

Iwona Cieślik

Course instructor

Iwona Cieślik

Period Semester 6	Form of verification of learning outcomes graded credit Teaching methods and hours tutorial: 5	Number of ECTS credits 5.0

Educational aims of the course

C1	Developing skills in preparing written papers on a selected computer science topic.

Learning outcomes for the course

Code	Effects in terms of	Directional learning outcomes	Verification methods
Skills – The student can:			
U1	obtain information from documentation, professional literature (in Polish and English), integrate them, make own conclusions, analyses and interpretations	IAN_K1_U24	graded credit
U2	present computer science issues in an understandable language and prepare written studies on selected topics	IAN_K1_U02, IAN_K1_U21, IAN_K1_U22	graded credit
U3	demonstrate readiness to constantly adapt their knowledge and practical skills to changes occurring in computer science; understands the need to improve their qualifications	IAN_K1_U26	graded credit
Social competences – The student is ready to:			
K1	formulate bold questions that help better understand the assigned topic and stimulate the search for information in professional literature, the internet and scientific articles; approach critically the information found and their own conclusions; can justify the results of their analyses	IAN_K1_K01, IAN_K1_K04, IAN_K1_K05	graded credit
K2	plan systematic work on a given topic; can define priorities for preparing the assigned written work	IAN_K1_K02, IAN_K1_K03	graded credit

ECTS credits balance

Form of student activity	Average number of hours* devoted to completed types of activities
tutorial	5
gathering information for the assigned work	20
problem analysis	50

preparation of semester paper	60	
Total student workload	Number of hours 135	ECTS credits 5.0

* hour (lesson) means 45 minutes

Course content

No.	Course content	Learning outcomes for the course
1.	1. Independent acquisition of knowledge from professional literature and scientific articles. 2. Preparation of written work.	U1, U2, U3, K1, K2

Extended information

Teaching methods:

consultations, independent work

Type of classes	Forms of credit	Course credit requirements
tutorial	graded credit	Preparation of written work.

Prerequisites and additional requirements

Preparation of written work on a selected computer science topic.

Literature

Required

1. The student selects literature individually depending on the chosen topic of the prepared work.