University of Silesia in Katowice

1.	**Field of study**	**Mathematics**
2.	Faculty	Faculty of Science and Technology
3.	Academic year of entry	2024/2025 (winter term)
4.	Level of qualifications/degree	second-cycle studies
5.	Degree profile	general academic
6.	Mode of study	full-time

7.	**General information about the module**

Module name	Website design
Module code	W4-MT-S2-23-PWInt
Number of the ECTS credits	6
Language of instruction	Polish
Purpose and description of the content of education	Zajęcia mają na celu: •zapoznać studentów z hipertekstowym językiem znaczników HTML, językiem służącym do opisu formy prezentacji – CSS oraz podstawami skryptowego języka programowania – PHP. •ukazać możliwość umieszczenia strony internetowej na serwerze lokalnym. •przedstawić dynamiczną witrynę internetową pobierającą dane z przygotowanej bazy danych.
List of modules that must be completed before starting this module (if necessary)	not applicable

8.	**Learning outcomes of the module**			

Code	Description	Learning outcomes of the programme	Level of competenc (scale 1-5)
PWInt_1	zna systemy bazodanowe, rozumie ich rolę oraz zasady funkcjonowania	KN_NI_W08	1
PWInt_2	zna zasady projektowania responsywnych stron internetowych oraz umieszczania ich w sieci	KN_NI_W09	5
PWInt_3	zna zasady bhp przy obsłudze sprzętu komputerowego	KN_NI_W12	5
PWInt_4	zna i rozumie zasady korzystania z platform e-learningowych	KN_NI_U07 KN_NI_W07	1 2
PWInt_5	potrafi projektować serwisy internetowe z wykorzystaniem nowoczesnych technologii	KN_NI_K01 KN_NI_U08	1 5
PWInt_6	potrafi projektować i zarządzać bazami danych	KN_NI_U09	1
PWInt_7	potrafi współpracować w grupie oraz organizować pracę grupy podczas realizacji wspólnych projektów informatycznych	KN_NI_U11	3

9.	Methods of conducting classes	
Code	**Category**	**Name (description)**
a03	Lecture methods / expository methods	Description *a description of objects, phenomena, processes or people; it involves specifying the structure and characteristic features of the object, phenomenon, or process being described; it is usually accompanied by a demonstration of the described object or by its models, drawings, tables, charts, etc.; a description may take the form of an explanation, classification, justification or comparison*
b08	Problem-solving methods	Activating method – peer learning *learning through the exchange of knowledge in a group/team/pair of students, i.e., in the so-called learning cell; a kind of mutual learning; an approach focused on student activity under the guidance of the person teaching the course; a learning situation where students with a similar level of experience learn from one another*
d01	Programmed learning methods	Working with a computer *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*

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**
PWInt_fs_1	lecture	15	course work	PWInt_1, PWInt_2, PWInt_3, PWInt_4, PWInt_5, PWInt_6	a03
PWInt_fs_2	laboratory classes	45	course work	PWInt_1, PWInt_2, PWInt_3, PWInt_4, PWInt_5, PWInt_6, PWInt_7	b08, d01

11.	The student's work, apart from participation in classes, includes in particular:		
Code	**Category**	**Name (description)**	**Is it part of the BUNA?**
a02	Preparation for classes	Literature reading / analysis of source materials *reading the literature indicated in the syllabus; reviewing, organizing, analyzing and selecting source materials to be used in class*	No
a03	Preparation for classes	Developing practical skills *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)*	No
a04	Preparation for classes	Consulting materials complementary to those indicated in the syllabus *agreeing on materials complementary to those indicated in the syllabus, supporting the implementation of tasks resulting from or necessary for class participation*	Yes
c01	Preparation for verification of learning outcomes	Determining the stages of task implementation contributing to the verification of learning outcomes *devising a task implementation strategy embracing the division of content, the range of activities, implementation time and/or the method(s) of obtaining the necessary materials and tools, etc.*	Yes
c02	Preparation for verification of learning outcomes	Studying the literature used in and the materials produced in class	No

		exploring the studied content, inquiring, considering, assimilating, interpreting it, or organizing knowledge obtained from the literature, documentation, instructions, scenarios, etc., used in class as well as from the notes or other materials/artifacts made in class	
c03	Preparation for verification of learning outcomes	Implementation of an individual or group assignment necessary for course/phase/ examination completion *a set of activities aimed at performing an assigned task, to be executed out of class, as an obligatory phase/element of the verification of the learning outcomes assigned to the course*	Yes
d01	Consulting the results of the verification of learning outcomes	Analysis of the corrective feedback provided by the academic teacher on the results of the verification of learning outcomes *reading through the academic teacher's comments, assessments and opinions on the implementation of the task aimed at checking the level of the achieved learning outcomes*	Yes

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.