

Subject card

Subject name and code	Web Applications Programming I, PG_00214273						
Field of study	English Studies						
Date of commencement of studies	October 2027		Academic year of realisation of subject		2028/2029		
Education level	Master's studies		Subject group		Obligatory subject group in the field of study Optional subject group Subject group related to scientific research in the field of study		
Mode of study	full-time studies		Mode of delivery		at the university		
Year of study	2		Language of instruction		English		
Semester of study	3		ECTS credits		2.0		
Learning profile	academic		Assessment form		credit		
Conducting unit	Division of Theoretical and Computational Linguistics -> Institute of English and American Studies -> Faculty of Languages -> Rector						
Name and surname of lecturer (lecturers)	Subject supervisor		dr Marcin Fortuna				
	Teachers						
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	0.0	30.0	0.0	0.0	0.0	30
	E-learning hours included: 0.0						
Learning activity and number of study hours	Learning activity	Participation in didactic classes included in study plan		Participation in consultation hours		Self-study	SUM
	Number of study hours	30		2.0		18.0	50
Subject objectives	The course aims to introduce students to the fundamentals of website development and web application programming, primarily as they relate to natural language processing and the use of linguistic data. The primary technologies taught in the course are HTML, CSS, and JavaScript. Students will implement group projects using the Scrum methodology.						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[FAMU2_U02] Can apply knowledge in the field of linguistics and literature in solving practical problems in the field of the chosen specialty.	Is able to apply knowledge of linguistics in solving practical problems within the scope of a chosen specialization, especially in the field of web technologies.	[SU2] presentation/project/paper/report
	[FAMU2_U04] Can select and apply information and communication techniques (ICT) during the acquisition and processing of information for research and professional purposes within the framework of English Studies.	K_U04: Is able to select and apply information and communication technologies (ICT) when acquiring and processing information for professional purposes within English Philology, with particular emphasis on modern web technologies.	[SU2] presentation/project/paper/report [SU5] implementation of a problem task
	[FAMU2_U05] Can use and present orally and in writing knowledge in the field of auxiliary and related sciences, which is a context for English linguistic and literary studies and supports the professional work of an English philologist.	Is able to use and present, orally and in writing, knowledge of auxiliary and related sciences that constitute a context for English linguistic research and support the professional work of an English philologist, with particular emphasis on modern web technologies.	[SU1] oral statement/conversation/discussion [SU2] presentation/project/paper/report
	[FAMU2_W14] Knows and understands selected issues connected to various disciplines constituting auxiliary and related sciences of English Philology, necessary as a context for research in the field of English linguistics and English-language literatures or in the professional activity of the English philologist.	Knows and understands the fundamental dilemmas of contemporary civilization in the context of issues related to intercultural linguistic and literary communication and the role of modern technologies in the work of an English philologist, especially in the field of web technologies	[SW1] oral statement/conversation/discussion [SW2] presentation/project/paper/report
	[FAMU2_W12] Knows and understands the main development trends in literature, in particular with regard to research into English-language literature.	K_W12: Knows and understands selected issues in the field of auxiliary and related sciences of English philology (mainly computer science), necessary as a context for the professional activity of an English philologist with a technological profile	[SW2] presentation/project/paper/report [SW5] implementation of a problem task
	[FAMU2_U10] Can independently plan and implement their own lifelong learning and guide others in this area within the framework of English philology and their chosen field of professional activity.	K_U10: Is able to independently plan and implement his/her own lifelong learning and guide others in this area within the scope of English Philology and a chosen field of professional activity, especially in the field of web programming and modern web technologies	[SU1] oral statement/conversation/discussion [SU2] presentation/project/paper/report
	[FAMU2_K05] Is ready to think and act in an entrepreneurial way in various spheres of professional activity related to the use of the English language	Is ready to think and act in an entrepreneurial manner in various areas of professional activity related to the use of English, especially in the field of web programming and modern web technologies	[SK1] oral statement/conversation/discussion [SK2] presentation/project/paper/report
	[FAMU2_K02] Is prepared to recognise the importance of knowledge and skills in English Studies in solving cognitive and practical problems and to seek the advice of a supervisor in their chosen place of work in the event of difficulty in solving problems on their own.	Is ready to recognize the importance of knowledge and skills in the field of English studies in solving cognitive and practical problems and to seek the opinion of a research supervisor or a supervisor at the chosen place of work in case of difficulties in solving problems independently, especially in the field of web programming and modern web technologies	[SK1] oral statement/conversation/discussion [SK2] presentation/project/paper/report
Subject contents	1. Collaboration in the Scrum Methodology, Co-creating Programming Projects 2. HTML Markup Language 3. Styling Websites with CSS 4. JavaScript as a Browser-Based Programming Language 5. Overview of Natural Language Processing Tools and Libraries for JavaScript		

Prerequisites and co-requisites	ATTENDANCE AT ALL CLASSES IS MANDATORY, UNLESS THE STUDENT OBTAINS THE DEAN'S CONSENT TO STUDY ACCORDING TO AN INDIVIDUAL ORGANIZATION OF STUDIES.		
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	Project presentation	51.0%	80.0%
	Oral interview	51.0%	10.0%
	Task completion	51.0%	10.0%
Recommended reading	Basic literature	Coulson, Lewis. 2019. The HTML and CSS Workshop. Packt Publishing. Firdaus, Thoriq. 2016. HTML5 and CSS3: Building Responsive Websites. Packt Publishing. Freeman, Eric & Elisabeth Robson. 2014. Head First JavaScript Programming: A Brain-Friendly Guide. O'Reilly.	
	Supplementary literature	Coulson, Lewis. 2019. The HTML and CSS Workshop. Packt Publishing. Firdaus, Thoriq. 2016. HTML5 and CSS3: Building Responsive Websites. Packt Publishing. Freeman, Eric & Elisabeth Robson. 2014. Head First JavaScript Programming: A Brain-Friendly Guide. O'Reilly.	
	eResources addresses		
Example issues/ example questions/ tasks being completed	* Create a GitHub repository for your development project * Create a website * Style your website with CSS * Add interactive elements to your website using JavaScript		
Work placement	Not applicable		

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