COURSES OFFERED IN A FOREIGN LANGUAGE IN THE ACADEMIC YEAR 2021/2022

Department	Department of Information Sciences			
Courses offered in a foreign language in the academic year 2021/2022				
Title of the course	Introduction to Programming			
Name of the teacher	Krešimir Zauder, Assistant Professor			
Number of ECTS credits	6	Semester	☒ autumn/winter	☐ spring/summer
The courses will be organized as	Lectures ☒ yes ☐ no	Seminars ☐ yes ☐ no	Exercises ☒ yes ☐ no	
Description of the course	The goal of the course is to teach fundamental programming skills which are applicable to a wide array of languages and problems. As the fundamental way of giving instructions to the computer, programming teaches both basic computer knowledge as well as empowers the students to solve many computer-solvable problems in a versatile and adaptable manner. Furthermore, program ming teaches critical thinking as related to domain specific problems rather than just the usage of premade solutions. The language of choice for this course is Python, which is both very popular as the first programming language and as the swiss army knife of programming languages. Python is used in a wide array of computer related problems and is especially popular as relating to data programming which goes well with the broader goal of educating information experts.			
Learning outcomes of the course	After successfully passing this course, students will: • understand basic programming concepts: programming, programming language, algorithm, application … • understand and know how to use basic concepts in programming: value, type, variable, operator, function, conditional, loop … • be able to recognise problems that are easily solved by programming • be able to write a simple python script/program			
The course is offered to	Incoming students who choose the above department as a home department	☒ yes ☐ no		

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	All the incoming students regardless of the chosen home department at UNIZD	☐ yes	☒ no
	UNIZD students enrolled at the above department as an elective course	☐ yes	☒ no
	All UNIZD students as an elective course	☐ yes	☒ no
The course will be offered for distance learning (virtual mobility)	No		☐
	Only if the frontal (live) teaching will not be possible		☒
	Together with the frontal (live) teaching		☐