

Tashkent University of Information Technologies named after Muhammad al-Khwarizmi

2022/2023 academic year | revision of 23/05/2023

Autumn semester/Spring semester

1st year “Data science” for International Students

Teaching Unit	Module	ECTS	Assessment		Work Load			
			Session1	Session2	Lectures	Tutorial Classes	Practical Work	Personal Working hours
Technical	Searching and Extracting information	4	Continuous	None	44			76
	Methodology of scientific research	4	Continuous	None	44			76
	Specialty(elective subject)	4	Continuous	None	44			76
	Scientific pedagogical work	6	Continuous	Continuous				180
	Algorithms design and analysis	4	None	Continuous	44			76
	Innovation and Project Management	4	None	Continuous	44			76
	Machine Learning	6	None	Continuous	30		30	120
Projects	Preparation of master's thesis	28	Continuous	Continuous				840

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Autumn semester/Spring semester

2nd year “Data science” for International Students

Teaching Unit	Module	ECTS	Assessment		Work Load			
			Session3	Session4	Lectures	Tutorial Classes	Practical Work	Personal Working hours
Technical	Artificial intelligence and Neural networks	4	Continuous	None	44			76
	Data engineering	6	Continuous	None	30		30	120
	Specialty(elective subject)	6	Continuous	None	60			120
	Specialty(elective subject)	6	Continuous	None	60			120
	Scientific pedagogical work	2	Continuous	None				60
	Scientific practice	12	None	Continuous				360
Projects	Preparation of master's thesis	6	Continuous	None				180
	Master's thesis defense	18	None	Continuous				540