

# 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 “Computer Engineering (design of applied software tools)” for International Students**

Teaching Unit	Module	ECTS	Assessment		Work Load			
			Session1	Session2	Lectures	Tutorial Classes	Practical Work	Personal Working hours
<b>Technical</b>	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
	Geoinformation systems	6	None	Continuous	30		30	120
<b>Projects</b>	Preparation of master's thesis	28	Continuous	Continuous				840

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Autumn semester/Spring semester

**2nd year “Computer Engineering (design of applied software tools)” for International Students**

Teaching Unit	Module	ECTS	Assessment		Work Load			
			Session3	Session4	Lectures	Tutorial Classes	Practical Work	Personal Working hours
<b>Technical</b>	Artificial intelligence and Neural networks	4	Continuous	None	44			76
	Big data	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
<b>Projects</b>	Preparation of master's thesis	6	Continuous	None				180
	Master's thesis defense	18	None	Continuous				540