

050620 Computer engineering specialty (Full-time)
(ixtisasın şifri və adı)

050620 Computer engineering specialty (Full-time) ixtisaslaşması üzrə
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TƏDRİS QRAFİKİ

Sıra №	Fənnin şifri	Fənnin adı	Kreditin sayı	Prerekvizit (öncə tədrisi zəruri olan) fənlərin şifri	Korekvizit (tədrisi paralel nəzərdə tutulan)	Fənnin tədrisi üçün nəzərdə tutulan semestr (payız və ya yaz)
I academic year						
1.	GS-03-01	Business and academic communication in a foreign language(English, German, French, Russian) 01	7			Autumn
2.	SS-01	Linear algebra and analytical geometry	3			Autumn
3.	SS-02	Mathematical analysis	7			Autumn
4.	SS-07	Fundamentals of computer engineering	8			Autumn
5.	SS-13-01	Computer architecture 01	5			Autumn
6.	GS-01	History of Azerbaijan	5			Spring
7.	GS-02	Business and academic communication in the Azerbaijani language	4			Spring
8.	GS-03-02	Business and academic communication in a foreign language(English, German, French, Russian) 02	8	GS-03-01		Spring
9.	GSES-04-02	a) Information management b) Information technologies (specialization) c) Fundamentals of entrepreneurship and introduction to business d) Political science	3			Spring
10.	SS-13-02	Computer architecture 02	3	SS-13-01		Spring (coursework)
11.	SDHE—01	a) Computer service programs b) Internet technologies	7			Spring
II academic year						
1.	GSES-04-01	a) Introduction to multiculturalism b) Philosophy c) Sociology d) Constitution of the Republic of Azerbaijan and fundamentals of law e) Logic f) Ethics and aesthetics	3			Autumn
2.	SS-03	Differential equations	3			Autumn
3.	SS-06	Physics	5			Autumn
4.	SS-08	Fundamentals of programming	8			Autumn
5.	SS-11	Operating systems	8			Autumn
6.	SDHE—06	a) MS Office b) Fundamentals of optoelectronics	3			Autumn
7.	SS-04	Discrete mathematics	3			Spring
8.	SS-09	Data structure and algorithms	6			Spring
9.	SS-15	Basics of electronics	6			Spring
10.	SS-16	Digital systems	7			Spring

11.	SS-20	Civil defense	3			Spring
12.	SDHE—04	a) Fundamentals of robotics b) Telecommunications	5			Spring
III academic year						
1.	SS-05	Probability theory and mathematical statistics	3			Autumn
2.	SS-10	Database systems	7			Autumn
3.	SS-14	Theory of periods	7			Autumn
4.	SS-18	Computer graphic	5			Autumn
5.	SDHE—02	a) Applied programs b) Computer graphics	4			Autumn
6.	SDHE—07	a) Web programming b) Technical informatics	4			Autumn
7.	SS-12	Computer networks	8			Spring (coursework)
8.	SS-17	Security of computer systems	8			Spring
9.	SDHE—03	a) Fuzzy logic theory b) Measuring technique	3			Spring
10.	SDHE—08	a) System engineering b) Intellectual analysis of data	6			Spring
11.	SDHE—09	a) Artificial intelligence b) Radio engineering	5			Spring
IV academic year						
1.	SS-19	Computer modeling	7			Autumn
2.	SDHE—05	a) Internet technologies b) Cables	5			Autumn
3.	SDHE—10	a) Corporate information systems b) Cyber security	6			Autumn
4.	SDHE—11	a) Basics of optical communication b) Cryptography	6			Autumn
5.	SDHE—12	a) Cloud technologies and virtualization b) Legal and organizational guarantee of information security	6			Autumn
6.		Practice	30			Spring