

Approved by Order No.
40 of the Ministry of Education
of the Republic of Azerbaijan
dated January 21, 2014

050615 Information Security (Correspondence)

ACADEMIC SCHEDULE

(For Bachelor's degree)

Form N: 2

N	Course code	Course title	Number of credits	Prerequisite (course code of the subjects required to be taken beforehand)	Corequisite (courses intended to be taken concurrently)	Planned semester for the course (Fall or Spring)
I academic year						
1	GC-B01	Azerbaijani History	5		-	Fall-1
2	GC-B02.01	Business and Academic Communication in a Foreign Language - 1	7		-	Fall-1
3	SC-B01	Basics of Information Security	6		-	Fall-1
4	SC-B03	Calculus	6		-	Fall-1
5	GC-B02.02	Business and Academic Communication in a Foreign Language - 2	8	GC-B02.01		Spring-2
6	GC-B03	Business and Academic Communication in Azerbaijani	4		-	Spring-2
7	SC-B02	Basics of Programming	6		-	Spring-2
8	SC-B06	Linear Algebra	6		-	Spring-2
II academic year						
9	GC-S-B04	First block 1. Psixologiya 2. Sosiologiya 3. Hüququn əsasları 4. Mühəndis etikas	3		-	Fall-3
10	SC-B04	Basics of cybersecurity	6		-	Fall-3
11	SC-B05	Basics of networks	6			Fall-3
12	SC-B22	Sivil defence	3			Fall-3
13	VSS-B01	I block: 1. Construction and Analysis of Algorithms 2. System Design	6		-	Fall-3
14	• SC-B07	Operating systems	5		-	Spring-4
15	• SC-B08	Network security	5		-	Spring-4
16	• SC-B09	Discrete Mathematics	5		-	Spring-4
17	• VSS-B0	II block: 1. Security of Corporate (Information) Networks 2. Analysis of Malicious Software Tools (Malware analysis)	5		-	Spring-4

18	VSS-BO3	III block: 1. Sosial şəbəkə analizi 2. Sosial mühəndislik	4			spring-4
19					-	spring-4
III academic year						
20	SC-B10	Web security	5		-	Fall-5
21	SC-B11	Probability Theory	5		-	Fall-5
22	SC-B12	Legal aspects of information security and cybersecurity	5		-	Fall-5
23	VSS-B04	IV block: 1. System Programming 2. C Programming Language	5		-	Fall-5
24	VSS-B07	VII block: 1. Machine Learning 2. Fundamentals of digital image and video processing	4		-	Fall-5
25	SC-B13	Information security management systems	5		-	Spring-6
26	SC-B14	Database security	5		-	Spring-6
27	SC-B15	Cloud security	5		-	Spring-6
28	VSS-B05	V block: 1. Cloud Technologies 2. Project Management	5			Spring-6
29	VSS-B09	IX block: 1. Programming for Mobile Devices 2. Web Programming	4			Spring-6
IV academic year						
30	GCC-B05	Second block 1. Critical Thinking 2. Fundamentals of Entrepreneurship and Introduction to Business 3. Education and Career Planning	3		-	Fall-7
31	SC-B16	Basics of cryptography	5		-	Fall-7
32	SC-B17	Penetration testing	8		-	Fall-7
33	SC-B20	Digital Forensics fundamentals	8		-	Fall-7
34	SC-B18	Basic of electronics and IoT security	5			Spring-8
35	SC-B19	Secure programming	5			Spring-8
36	SC-B21	Security of industrial management systems	5			Spring-8
37	VSS-B06	VI block 1. Database Management Systems 2. Microservices Architecture 3. Cyber Risk Management	5			Spring-8
38	VSS-B11	XI block: 1. Security of VoIP Systems 2. Blockchain Technologies	4			Spring-8

39	VSS-BO8	VIII block: 1. Graph Theory 2. Security of Mobile and Wireless Devices	5			Fall-9
40	VSS-B10	X block: 1. Applied Statistics and Data Analytics 2. Parallel and Distributed Computing	5			Fall-9
41	VSS-B12	XII block: 1. Security Equipment 2. Fundamentals of Data Center Operations	4			Fall-9
42	VSS-B13	XIII block: 1. Digital Transformation 2. Security of Corporate Networks (Information Systems)	4			Fall-9
43		<i>Intership</i>	30		-	Spring-10

Approved by:

“_____” Head of Department

Agreed by:

“_____” Dean of the Faculty

Head of the Center for Organization and Management of Education _____ Piri Akhundov

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