

**ISTINYE UNIVERSITY**  
**(Information Security Technology)**

1st SEMESTER					
CODE	COURSE	T	P	ECTS	Language of Instruction
ATA101	Ataturk's Principles And History of Turkish Revolution I	2	0	2	TR/EN
BGT101	Information Technology Law	2	0	2	TR
TRK101	Turkish Language-I	2	0	2	TR
DILL01	General English - I	2	0	2	EN
BGT103	Network Fundamentals	1	2	5	TR
BGT105	Introduction to Information Technologies	1	2	5	TR
BGT107	Fundamentals of Programming I (Python)	2	2	5	TR
BGT109	Cyber security	2	1	4	TR
	Univeristy Elective (5 ECTS)	3	0	5	TR/EN
<b>TOTAL</b>		<b>17</b>	<b>7</b>	<b>32</b>	

2nd SEMESTER					
CODE	COURSE	T	P	ECTS	Language of Instruction
ATA102	Ataturk's Principles And History of Turkish Revolution II	2	0	2	TR/EN
BGT102	Internship	0	10	6	TR
TRK102	Turkish Language-II	2	0	2	TR
DILL02	General English - II	2	0	2	EN
BGT104	Open Source Operating Systems	4	0	5	TR
BGT106	Cyber Attack and Defense Methods	3	0	4	TR
	Univeristy Elective (5 ECTS)	3	0	5	TR/EN
	Program Elective (3 ECTS)			3	TR
<b>TOTAL</b>		<b>16</b>	<b>10</b>	<b>29</b>	

3rd SEMESTER					
CODE	COURSE	T	P	ECTS	Language of Instruction
SEG001	Manifest of Istinye-I	0	1	1	TR
BGT201	Database Management	2	2	5	TR
BGT203	Cloud Computing	3	0	4	TR
BGT205	Web Development	2	2	5	TR
BGT207	Firewall Solutions	2	2	4	TR
	Univeristy Elective (5 ECTS)	3	0	5	TR/EN
	Program Elective (3 ECTS)			3	TR
	Program Elective (3 ECTS)			3	TR
<b>TOTAL</b>		<b>0</b>	<b>0</b>	<b>30</b>	

4th SEMESTER					
CODE	COURSE	T	P	ECTS	Language of Instruction
SEG002	Manifest of Istinye-II	0	1	1	TR
BGT202	Database Security and Defense Algorithms	3	1	5	TR
BGT204	Server Operating Systems	2	1	5	TR
BGT206	Cryptography (Python)	2	2	5	TR
BGT208	Secure Web Software Development	2	2	5	TR
	Univeristy Elective (5 ECTS)	3	0	5	TR/EN
	Program Elective (3 ECTS)			3	TR
<b>TOTAL</b>		<b>12</b>	<b>7</b>	<b>29</b>	

**DESCRIPTION**

**T:** Theoric

**P:** Practice

**ECTS:** European Credit Transfer System

**Language of Instruction:** Defines the medium of the course regardless of the language of instruction of the department.

Elective Major Area Courses					
CODE	COURSE	T	P	ECTS	Language of Instruction
MYO006	Visual Programming	2	1	3	
MYO007	Algorithm Design	3	0	3	
MYO008	Social Responsibility and Ethics	3	0	3	
MYO009	Introduction to Game Design	2	1	3	
MYO010	Robotics	0	3	3	
MYO011	Software Development	3	0	3	
MYO012	Quality Management	3	0	3	
MYO013	Machine Learning	3	0	3	
BGT001	Advanced Network Security	2	1	3	
BGT002	Web and Mobile Defense	3	0	3	
BGT003	Incident Management	2	0	3	
BGT004	Advanced Web Development (JS)	2	1	3	
BGT005	Security Products	3	0	3	
BGT006	Penetration Testing	3	0	3	
<b>TOTAL</b>		<b>0</b>	<b>0</b>	<b>0</b>	