

First Year

First Semester

Code	Course Name	C/E	T	P	C	ECTS
FIZ111	Physics-I	C	4	0	4	6
FIZ105	Physics Laboratory-I	C	0	2	1	2
MAT161	Mathematics-I	C	4	0	4	6
TRD109	Turkish Language-I	C	2	0	2	2
YDI107	English-I	C	2	0	2	2
ABM1101	Algorithm and Programming-I	C	3	2	4	5
ABM1103	Introduction to Forensic Informatics Engineering	C	3	1	4	5
ABM1105	Basic Law	C	2	0	2	2
			20	5	23	30

Second Semester

Code	Course Name	C/E	T	P	C	ECTS
FIZ112	Physics-II	C	3	0	3	5
FIZ106	Physics Laboratory-II	C	0	2	1	2
MAT162	Mathematics-II	C	4	0	4	6
MAT104	Linear Algebra	C	2	0	2	4
TRD110	Turkish Language-II	C	2	0	2	2
YDI108	English-II	C	2	0	2	2
ABM1102	Algorithm and Programming-II	C	3	2	4	5
ABM1104	Computer Architecture	C	3	1	4	4
			19	5	22	30

Second Year

Third Semester

Code	Course Name	C/E	T	P	C	ECTS
AIT209	Principles of Atatürk and History of Reforms-I	C	2	0	2	2
MAT271	Differential Equations	C	4	0	4	6
ABM2101	Computer Networks	C	3	2	4	5
ABM2103	Cybercrimes and Preventive Measures	C	3	1	4	5
ABM2105	Data Structures	C	3	2	4	4
ABM2107	Database Management Systems	C	3	1	4	5
SSD2101	Social Elective-I	E	2	0	2	3
			20	6	24	30

Fourth Semester

Code	Course Name	C/E	T	P	C	ECTS
AIT210	Principles of Atatürk and History of Reforms-II	C	2	0	2	2
IST234	Probability and Statistics	C	3	0	3	4
ABM2102	Network Security	C	3	1	4	5
ABM2104	Web Application Security	C	3	2	4	5
ABM2106	Information Security	C	3	1	4	5
ABM2108	Cybercrime Investigation Software	C	3	2	4	6
SSD2102	Social Elective-II	E	2	0	2	3
			19	6	23	30

Third Year

Fifth Semester

Code	Course Name	C/E	T	P	C	ECTS
ABM3101	Electronic Evidence	C	3	2	4	4
ABM3103	Mobile Digital Forensics	C	3	2	4	4
ABM3105	Digital Crime Investigation Devices	C	3	2	4	4
ABM3107	System Security	C	2	1	3	3
Field Elective	Field Elective	E	3	1	4	6
Field Elective	Field Elective	E	3	1	4	6
SSD3101	Social Elective-III	E	2	0	2	3
			19	9	25	30

Sixth Semester

Code	Course Name	C/E	T	P	C	ECTS
ABM3102	File System Analysis	C	3	1	4	4
ABM3104	Digital Forensic Investigations	C	3	0	3	3
ABM3106	Information Extraction Systems	C	3	2	4	4
ABM3108	Data Recovery Techniques	C	3	1	4	4
Field Elective	Field Elective	E	3	1	4	6
Field Elective	Field Elective	E	3	1	4	6
SSD3102	Social Elective-IV	E	2	0	2	3
			20	6	25	30

Field Elective Course List

Code	Course Name	C/E	T	P	C	ECTS
ABM3109	Operating Systems	E	3	1	4	6
ABM3111	Data Science	E	3	1	4	6
ABM3113	Formal Languages and Automata	E	3	1	4	6
ABM3115	Wireless Network Security	E	3	1	4	6
ABM3117	Digital Communication	E	3	1	4	6
ABM3119	Social Media Analysis	E	3	1	4	6

Code	Course Name	C/E	T	P	C	ECTS
ABM3121	Wireless/Mobile Multi-Networks	E	3	1	4	6
ABM3123	IoT Security	E	3	1	4	6
ABM3125	Network Programming	E	3	1	4	6
ABM3110	Biometric Systems	E	3	1	4	6
ABM3112	Optimization Techniques	E	3	1	4	6
ABM3114	Deep Learning	E	3	1	4	6
ABM3116	Numerical Methods	E	3	1	4	6
ABM3118	Medical Data Analysis	E	3	1	4	6
ABM3120	Digital Signal Processing	E	3	1	4	6
ABM3122	Data Compression	E	3	1	4	6
ABM3124	Penetration Testing Techniques	E	3	1	4	6
ABM3126	Natural Language Processing	E	3	1	4	6

FOURTH YEAR

For Students Attending Workplace Training in the 7th Semester

VII. Semester

Code	Course Name	C/E	T	P	C	ECTS
ABM4101	Workplace Training	C	5	0	5	5
ABM4103	Workplace Training Application	C	0	15	8	15
ABM4105	Professional Practice-I	C	0	2	1	5
ABM4107	Professional Practice-II	C	0	2	1	5

Semester Total:

Theoretical: 5, Practical: 19, Credits: 15, ECTS: 30

VIII. Semester

Code	Course Name	C/E	T	P	C	ECTS
ABM4102	Graduation Project	C	0	2	1	3
ABM4104	Evidence Analysis	C	2	1	3	3
	Field Elective	E	3	1	4	6
	Field Elective	E	3	1	4	6

Code	Course Name	C/E	T	P	C	ECTS
	Field Elective	E	3	1	4	6
	Field Elective	E	3	1	4	6

Field Elective Course List:

Code	Course Name	C/E	T	P	C	ECTS
ABM4106	Cryptography	E	3	1	4	6
ABM4108	Human-Computer Interaction	E	3	1	4	6
ABM4110	Vulnerability Analysis	E	3	1	4	6
ABM4112	Malware Analysis	E	3	1	4	6
ABM4114	Ethical Hacking and Applications	E	3	1	4	6
ABM4116	Cybercrime Tracking	E	3	1	4	6
ABM4118	Prompt Engineering	E	3	1	4	6
ABM4120	Wireless Network Security	E	3	1	4	6
ABM4122	Artificial Intelligence in Cybersecurity	E	3	1	4	6
ABM4124	Future Approaches in Forensics and Cybersecurity	E	3	1	4	6
ABM4126	Speech Recognition and Synthesis	E	3	1	4	6
ABM4128	Agile Software Development	E	3	1	4	6
ABM4130	Digital Image Processing Techniques	E	3	1	4	6
ABM4132	Decision Support Systems	E	3	1	4	6
ABM4134	Computer Vision	E	3	1	4	6
ABM4136	Mobile Application Software Development	E	3	1	4	6
ABM4138	Website Usability	E	3	1	4	6
ABM4140	Artificial Intelligence	E	3	1	4	6
ABM4142	Ethics in Informatics	E	3	1	4	6
ABM4144	Human Resources Management	E	3	1	4	6

Semester Total:

Theoretical: 14, Practical: 7, Credits: 20, ECTS: 30

FOURTH YEAR**For Students Attending Workplace Training in the Eighth Semester****VIII. Semester**

Code	Course Name	C/E
ABM4102	Graduation Project	C
ABM4104	Evidence Analysis	C
	Elective Course (Field-Specific)	E
	Elective Course (Field-Specific)	E
	Elective Course (Field-Specific)	E
	Elective Course (Field-Specific)	E

Elective Course List

Proposed Course Code	Course Name	C/E	L	P	C	ECTS
ABM4106	Cryptology	E	3	1	4	6
ABM4108	Human-Computer Interaction	E	3	1	4	6
ABM4110	Vulnerability Analysis	E	3	1	4	6
ABM4112	Malware Analysis	E	3	1	4	6
ABM4114	Ethical Hacking and Applications	E	3	1	4	6
ABM4116	Cybercrime Investigation	E	3	1	4	6
ABM4118	Prompt Engineering	E	3	1	4	6
ABM4120	Wireless Network Security	E	3	1	4	6
ABM4122	Artificial Intelligence Applications in Cybersecurity	E	3	1	4	6
ABM4124	Future Approaches in Digital Forensics and Cybersecurity	E	3	1	4	6
ABM4126	Speech Recognition and Production	E	3	1	4	6
ABM4128	Agile Software Development	E	3	1	4	6
ABM4130	Digital Image Processing Techniques	E	3	1	4	6
ABM4132	Decision Support Systems	E	3	1	4	6
ABM4134	Computer Vision	E	3	1	4	6
ABM4136	Mobile Application Software Development	E	3	1	4	6
ABM4138	Website Usability	E	3	1	4	6
ABM4140	Artificial Intelligence	E	3	1	4	6
ABM4142	Ethics in Informatics	E	3	1	4	6
ABM4144	Human Resource Management	E	3	1	4	6

