

SCHOOL OF APPLIED SCIENCES INFORMATION TECHNOLOGIES BACHELOR'S PROGRAM CURRICULUM (2025)					
SEMESTER	COURSE CODE	COURSE NAME	(T+P)	CREDIT HOURS	ECTS
1	BUSN101	INTRODUCTION TO BUSINESS-I	(3+0)	3	6
	ITEC103	FUNDAMENTALS OF COMPUTING	(2+2)	3	6
	ECON110	FUNDAMENTALS OF ECONOMICS	(2+2)	3	7
	ENGL141	READING AND WRITING SKILLS- I	(2+0)	3	4
	MATH101	CALCULUS-I	(3+0)	4	6
	TREG100/ TURK100	TURKISH / TURKISH LANGUAGE	(2+0)	0	2
2	MATH121	LINEAR ALGEBRA	(2+0)	2	4
	ENGL142	READING AND WRITING SKILLS-II	(2+0)	3	4
	MATH102	CALCULUS-II	(3+0)	4	6
	ITEC104	FOUNDATIONS OF INFORMATION TECHNOLOGY	(3+0)	3	6
	ITEC112	INTRODUCTION TO PROGRAMMING	(3+2)	4	7
	HIST100/ TARH100	HISTORY OF CIVILIZATION / MODERN HISTORY OF TURKEY	(2+0)	0	2
3	ITEC271	INFORMATION SECURITY AND ASSURANCE	(3+0)	3	7
	DASC201	FUNDAMENTALS OF DATA SCIENCE	(3+0)	3	6
	ITEC223	ALGORITHMS AND PROGRAMMING	(3+2)	4	7
	ITEC233	INTERNET PROGRAMMING	(3+0)	3	6
	STAT203	STATISTICS	(3+0)	3	5
4	APSC220	FOUNDATIONS OF RESEARCH METHODS	(3+0)	3	6
	ITEC214	VISUAL PROGRAMMING	(3+0)	3	6
	ITEC224	PYTHON PROGRAMMING	(3+0)	3	6
	ITEC242	DATA STRUCTURES AND DATA ORGANIZATION	(3+2)	4	7
	UNIEXX1	UNIVERSITY ELECTIVE	(3+0)	3	4
5	ITEC313	OBJECT ORIENTED PROGRAMMING	(3+2)	4	7
	ITEC343	DATABASE MANAGEMENT SYSTEMS-I	(3+2)	4	6
	ITEC351	OPERATING SYSTEMS	(3+0)	3	6
	FREEXX1	FREE ELECTIVE	(3+0)	3	6
	ITECXX1	AREA ELECTIVE	(3+0)	3	6
6	ITEC332	COMPUTER NETWORK FUNDAMENTALS	(3+2)	4	7
	ITEC344	DATABASE MANAGEMENT SYSTEMS-II	(3+2)	4	6
	ITEC372	INFORMATION SYSTEMS ANALYSIS AND DESIGN	(3+0)	3	6
	ITECXX2	AREA ELECTIVE	(3+0)	3	6
	UNIEXX2	UNIVERSITY ELECTIVE	(3+0)	3	4
7	ITEC300	SUMMER TRAINING	(0+0)	0	4
	ITEC401	PROJECT MANAGEMENT	(3+0)	3	4
	ITEC427	HUMAN COMPUTER INTERACTION	(3+0)	3	4
	ITSE479	DATA AND NETWORK SECURITY	(3+0)	3	5
	ITECXX3	AREA ELECTIVE	(3+0)	3	6
	ITECXX4	AREA ELECTIVE	(3+0)	3	6
8	ITEC402	CAPSTONE PROJECT	(2+0)	4	9
	FREEXX2	FREE ELECTIVE	(3+0)	3	6
	ITECXX5	AREA ELECTIVE	(3+0)	3	6
	ITECXX6	AREA ELECTIVE	(3+0)	3	6
	UNIEXX3	UNIVERSITY ELECTIVE	(3+0)	3	4