

Department of Computer Engineering 2020 Bachelor's Degree Programme

GRAND TOTAL>> 126 20 12 142 240

Semester	No	Course Code	Course Name	T	L	O	C	ECTS	Prerequisite	Semester	No	Course Code	Course Name	T	L	O	C	ECTS	Prerequisite	
1. YEAR	1. Semester	1	MAT101	Calculus I	4	0	0	4,0	6		2. Semester	1	MAT102	Calculus II	4	0	0	4,0	6	
		2	FIZ101	Physics I	3	2	0	4,0	6			2	BIL102	Computer Programming II	3	2	0	4,0	7	BIL101
		3	KIM101	General Chemistry	3	2	0	4,0	5			3	BIL104	Unix	2	2	0	3,0	5	
		4	BIL101	Computer Programming I	3	2	0	4,0	7			4	MMF102	Probability and Statistics	3	0	0	3,0	4	
		5	BIL103	Introduction To Computer Engineering	2	0	0	2,0	3			5	USD152	University Elective Course I	2	0	0	2,0	3	
		6	MMF101	Information Technologies	1	0	2	2,0	2			6	UOD102	Career Planning	1	0	0	1,0	2	
		7	UOZYD1	Foreign Language I	2	0	1	2,5	2			7	UOZYD2	Foreign Language II	2	0	1	2,5	2	
	Total				18	6	3	22,5	31		Total				17	4	1	19,5	29	
2. YEAR	3. Semester	1	MAT203	Linear Algebra	3	0	0	3,0	5		4. Semester	1	MAT202	Discrete Mathematics	3	0	0	3,0	5	
		2	BIL201	Advanced Level Programming	3	2	0	4,0	6	BIL102		2	BIL202	Digital Design	3	2	0	4,0	6	
		3	BIL203	Data Structures and Algorithms	3	0	2	4,0	7	BIL102		3	BIL204	Introduction To Data Science	3	0	0	3,0	5	
		4	BIL205	Electronic Circuits	2	2	0	3,0	6			4	BIS252	Departmental Elective Course II	3	0	0	3,0	6	
		5	BIS251	Departmental Elective Course I	3	0	0	3,0	6			5	MMS252	Faculty Elective Course I	3	0	0	3,0	4	
		6	UOZTD1	Turkish Language I	2	0	0	2,0	2			6	UOZTD2	Turkish Language II	2	0	0	2,0	2	
	Total				16	4	2	19	32		Total				17	2	0	18	28	
	3. YEAR	5. Semester	1	BIL301	Summer Practice I	0	0	0	0,0	3		6. Semester	1	BIL302	Computer Networks	2	2	0	3,0	6
2			BIL303	Database Management Systems	3	2	0	4,0	6		2		BIL304	Operating Systems	3	0	0	3,0	6	BIL102
3			BIL305	Computer Architecture	3	0	0	3,0	5	BIL202	3		BIS352	Departmental Elective Course IV	3	0	0	3,0	6	
4			BIS351	Departmental Elective Course II	3	0	0	3,0	6		4		MMS352	Faculty Elective Course III	3	0	0	3,0	4	
5			MMS351	Faculty Elective Course II	3	0	0	3,0	4		5		MMS354	Faculty Elective Course IV	3	0	0	3,0	4	
6			USD351	University Elective Course II	2	0	0	2,0	3		6		USD352	University Elective Course IV	2	0	0	2,0	3	
7			UOZTA1	Atatürk's Principles and History of Turkish Revolution I	2	0	0	2,0	2		7		UOZTA2	Atatürk's Principles and History of Turkish Revolution II	2	0	0	2,0	2	
Total				16	2	0	17	29		Total				18	2	0	19	31		
4. YEAR		7. Semester	1	BIL401	Summer Practice II	0	0	0	0,0	3		8. Semester	1	BIL402	Software Engineering	3	0	0	3,0	5
	2		BIL403	Final Project I	0	0	2	1,0	7		2		BIL404	Final Project II	0	0	2	1,0	7	
	3		BIL405	Automata Theory	3	0	0	3,0	6		3		BIS452	Departmental Elective Course VI	3	0	0	3,0	6	
	4		BIL407	Artificial Intelligence	3	0	2	4,0	6		4		BIS454	Departmental Elective Course VII	3	0	0	3,0	6	
	5		BIS451	Departmental Elective Course V	3	0	0	3,0	6		5		USD452	University Elective Course V	2	0	0	2,0	3	
	6		MMFISG	Occupational Health and Safety	2	0	0	2,0	2											
	7		USD451	University Elective Course IV	2	0	0	2,0	3											
	Total				13	0	4	15	33		Total				11	0	2	12	27	
	GRAND TOTAL>>											126	20	12	142	240				