

**ONBEŞKASIM KIBRIS ÜNİVERSİTESİ MÜHENDİSLİK FAKÜLTESİ**  
**YAZILIM MÜHENDİSLİĞİ (İNGİLİZCE) LİSANS PROGRAMI DERS PLANI**

<b>I. YARIYIL</b>					
<b>Ders Kodu</b>	<b>Dersler</b>	<b>T</b>	<b>P</b>	<b>C</b>	<b>ECTS</b>
COM 105	Fundamentals of Computer Engineering	4	0	4	4
COM 107	Discrete Mathematics	3	0	3	4
COM 109	Communication in English - I	3	0	3	3
ENG 101	Academic English - I	4	0	4	6
COM 111	Calculus - I	4	0	4	5
COM 113	Physics - I	4	0	4	5
EDU 103	Turkish as a Second Language	3	0	3	3
	<b>TOPLAM</b>	<b>25</b>	<b>0</b>	<b>25</b>	<b>30</b>
<b>II. YARIYIL</b>					
	<b>Dersler</b>	<b>T</b>	<b>P</b>	<b>C</b>	<b>ECTS</b>
COM 106	Introduction to Profession	3	0	3	4
COM 108	Programming Fundamentals	5	0	5	4
COM 110	Communication in English - II	3	0	3	3
ENG 102	Academic English - II	4	0	4	6
COM 112	Calculus - II	4	0	4	5
COM 114	Physics - II	4	0	4	5
EDU 104	Turkish as a Second Language	3	0	3	3
	<b>TOPLAM</b>	<b>26</b>	<b>0</b>	<b>26</b>	<b>30</b>

III. YARIYIL					
Ders Kodu	Dersler	T	P	C	ECTS
SOFT 201	Introduction to Software Engineering	4	0	4	5
COM 205	Object-Oriented Programming	4	0	4	4
COM 203	Data Structures	3	0	3	5
COM 209	Linear algebra and ordinary differential equations	3	0	3	4
	University Elective – I	4	0	4	4
	Elective Course II	3	0	3	4
	Elective Course III	3	0	3	4
	<b>TOPLAM</b>	<b>24</b>	<b>0</b>	<b>24</b>	<b>30</b>
IV. Yarıyıl					
	Dersler	T	P	C	ECTS
SOFT 202	Introduction to Computer Organization	4	0	4	5
COM 206	Operating Systems	4	0	4	5
COM 208	Numerical Analysis for Engineers	5	0	5	5
SOFT 204	Communication Skills in English III - Technical Report Writing	3	0	3	5
	University Elective - II	4	0	4	5
	Cloud Computing	3	0	3	5
	<b>TOPLAM</b>	<b>23</b>	<b>0</b>	<b>23</b>	<b>30</b>

V. YARIYIL					
Ders Kodu	Dersler	T	P	C	ECTS
SOFT 301	Software Requirements Analysis and Specification	4	0	4	5
SOFT 303	Security of Software Systems	4	0	4	5
COM 305	Analysis of Algorithms	5	0	5	5
	University Elective - III	3	0	3	4
SOFT 305	Probability and Statistical Methods	4	0	4	5
SOFT 307	Security of Computer System and Networks	3	0	3	3
SOFT 309	High End Embedded Systems Computer Networks	3	0	3	3
	<b>TOPLAM</b>	<b>26</b>	<b>0</b>	<b>26</b>	<b>30</b>
VI. YARIYIL					
	Dersler	T	P	C	ECTS
SOFT 302	Software Design	4	4	6	6
SOFT 304	Programming Language Design	3	0	4	6
SOFT 306	Computer Networks and Communication	3	0	3	5
SOFT 308	Database Management Systems	3	0	3	5
SOFT 310	Software Quality Assurance and Testing	3	0	3	4
	Signals and Systems for Computer Engineers	3	0	3	2

	University Elective IV	3	0	3	2
	<b>TOPLAM</b>	<b>22</b>	<b>4</b>	<b>25</b>	<b>30</b>

VII. YARIYIL					
Ders Kodu	Dersler	T	P	C	ECTS
SOFT 401	Summer Training	4	0	4	5
SOFT 403	Graduation Project - I	4	0	4	5
SOFT 405	Automata Theory	5	0	5	5
SOFT 407	Software Process and Management	3	0	3	5
SOFT 409	Embedded System Design	4	0	4	4
	Area Elective I	3	0	3	3
	Area Elective II	3	0	3	3
	TOPLAM	26	0	26	30
VIII. YARIYIL					
	Dersler	T	P	C	ECTS
	Area Elective III	3	0	3	5

	Area Elective IV	3	0	3	5
SOFT 402	Graduation Project - II	2	0	4	7
SOFT 404	Uni. Elective - Social & Behavioral Sciences-I	3	0	3	6
SOFT 406	Ethics in Engineering	3	0	3	7
	<b>TOPLAM</b>	<b>14</b>	<b>0</b>	<b>16</b>	<b>30</b>