

COURSE STRUCTURE

2025-11002 Computer Engineering (AZ) Master

1						2					
No	Course code	Title	Th	Pr	Ects	No	Course code	Title	Th	Pr	Ects
1	KOMP 507	History and Methodology of the Computer Science	1	1+0	2	1	KOMP 514	Modern information systems analysis and modeling	3	0+0	7
2	KOMP 513	Research Methods	2	1+0	7	2	KOMP 516	Modern Internet Technologies	3	0+0	7
3	ENG 501	Academic English	0	3+0	6	3	PSİ 505	Psychology	2	0+0	2
4	KOMP 509	Algorithm Design and Analysis	2	1+0	7	4	PDQ 520	Pedagogy for Higher Education	2	0+0	4
5	XXX XXX	[AE] Area Elective Course I	2	1+0	8	5	XXX XXX	[AE] Area Elective Course II	2	1+0	8
						6	XXX XXX	[NAE] Non-Area Elective Course I	2	0+0	2
<i>Subtotal: 30</i>						<i>Subtotal: 30</i>					

3

№	Course code	Title	Th	Pr	Ects
1	KOMP 609	Modern database systems	3	0+0	7
2	KOMP 607	Security of modern information systems	3	0+0	4
3	KOMP 627	Theoretical bases of project management	3	0+0	7
4	KOMP 605	Modern problems of computer engineering	3	0+0	4
5	XXX XXX	[AE] Area Elective Course III	3	0+0	8

Subtotal: 30

4

№	Course code	Title	Th	Pr	Ects
1	KOMP 670	Pedagogical Study	0	0+0	6
2	KOMP 690	Master Thesis	0	0+0	18
3	KOMP 680	Research Study	0	0+0	6

Subtotal: 30

Total ECTS credits: **120**

AE - Area Elective Courses

№	Course code	Title	Th	Pr	Ects
1	KOMP 535	Modern computer and communication systems	3	0+0	8
2	KOMP 531	Advanced Computer Architecture	2	1+0	8
3	KOMP 517	Distributed information systems	3	0+0	8
4	KOMP 533	Natural language processing	2	1+0	8
5	KOMP 629	Performance analysis of computer networks	3	0+0	8
6	KOMP 518	Internet of things	3	0+0	8
7	KOMP 525	Big data processing	2	1+0	8

8	KOMP 631	Web data analysis	3	0+0	8	
9	KOMP 537	Modern programming methods	2	1+0	8	
10	KOMP 539	Network Operating Systems	3	0+0	8	
11	KOMP 529	Microprocessor-Based Systems	2	1+0	8	

NAE - Non-Area Elective Courses

Nº	Course code	Title	Th	Pr	Ects	
1	Bİ 508	Business Development and Innovation	2	0+0	2	
2	Bİ 527	Business Strategy	2	0+0	2	
3	İİS 531	E-commerce	2	0+0	2	
4	Bİ 510	Business Management	2	0+0	2	