

COURSE STRUCTURE

2025-11147 Automobile roads and airfields (AZ) Master

1						2					
No	Course code	Title	Th	Pr	Ects	No	Course code	Title	Th	Pr	Ects
1	NTM 513	Safety measures in the operation of highways	2	1+0	6	1	NTM 520	Design of automated transportation structures	2	1+0	6
2	ENG 501	Academic English	0	3+0	6	2	PDQ 520	Pedagogy for Higher Education	2	0+0	4
3	NTM 511	Geoinformation systems in road construction	2	1+0	6	3	PSİ 505	Psychology	2	0+0	2
4	NTM 505	Modern materials in transport construction	2	0+0	4	4	NTM 502	Plates on elastic bases	2	1+0	6
5	NTM 503	History and methodology of transport construction	2	0+0	2	5	NTM 512	Aerodrome planning and design	2	1+0	6
6	NTM 501	Modern problems of transport construction	2	0+0	4	6	XXX XXX	[AE] Area Elective Course II	2	1+0	6
7	XXX XXX	[NAE] Non-Area Elective Course I	2	0+0	2						
Subtotal: 30						Subtotal: 30					

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№	Course code	Title	Th	Pr	Ects
1	NTM 617	Designing of road surfaces of highways and airfields	2	1+0	6
2	NTM 619	Examination and evaluation of transport routes	2	1+0	6
3	XXX XXX	[AE] Area Elective Course III	2	1+0	6
4	XXX XXX	[AE] Area Elective Course IV	2	1+0	6
5	XXX XXX	[AE] Area Elective Course V	2	1+0	6

Subtotal: 30

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№	Course code	Title	Th	Pr	Ects
1	NTM 670	Scientific and pedagogical practice	0	0+0	6
2	NTM 690	Master's thesis preparation and defense	0	0+0	18
3	NTM 680	Research Experience	0	0+0	6

Subtotal: 30

Total ECTS credits: **120**

AE - Area Elective Courses

№	Course code	Title	Th	Pr	Ects
1	NTM 516	Designing highways and airfields in complex conditions	2	1+0	6
2	NTM 621	Theory and calculation of construction of road clothing	2	1+0	6
3	NTM 623	Management in the construction of highways and airports	2	1+0	6
4	NTM 625	Road conditions and smoothness of movement	2	1+0	6
5	NTM 627	Diagnostics and repair of transport roads	2	1+0	6
6	NTM 629	Modern technologies in transport construction	2	1+0	6
7	NTM 631	Control of the quality of transport roads	2	1+0	6
8	NTM 518	Infrastructural analysis of transport roads	2	1+0	6

NAE - Non-Area Elective Courses

№	Course code	Title	Th	Pr	Ects
1	FEL 530	Philosophy	1	1+0	2
2	İQT 537	Managerial Economics	2	0+0	2