

COURSE STRUCTURE

2025-10151 Transport Engineering (AZ) Bachelor

1						2					
No	Course code	Title	Th	Pr	Ects	No	Course code	Title	Th	Pr	Ects
1	RİY 161	Linear algebra and analytic geometry	2	2+0	4	1	AZD 140	Official and Academic Communication in the Azerbaijani language	0	2+0	4
2	MEX 116	Computer aided engineering graphics	2	2+0	5	2	MEX 140	Computer graphics	2	2+0	5
3	TRX 111	History of Azerbaijan	2	2+0	5	3	RİY 134	Mathematical analysis- 1	2	1+0	5
4	FİZ 150	Physics	4	1+1	8	4	MEX 134	Theoretical mechanics	2	2+0	6
5	XXX XXX	[NAE] Foreign language I	0	6+0	8	5	XXX XXX	[NAE] Non-Area Elective Course I #1	2	0+0	3
						6	XXX XXX	[NAE] Foreign language II	0	6+0	7
Subtotal: 30						Subtotal: 30					

3

№	Course code	Title	Th	Pr	Ects
1	MRM 202	Material science	2	1+1	5
2	MEX 132	Heat engineering and hydraulics	2	2+0	6
3	MEX 136	The resistance of materials	2	1+1	5
4	MŞN 106	Machine theory	2	1+1	5
5	RİY 178	Mathematical analysis- 2	2	2+0	6
6	XXX XXX	[NAE] Non-Area Elective Course II #2	1	1+0	3

Subtotal: 30

4

№	Course code	Title	Th	Pr	Ects
1	MEX 216	Machine Design	2	0+1	5
2	MM 120	Civil Defence	3	0+0	3
3	NM 206	Railway	2	2+0	6
4	RİY 255	Applied mathematics	2	1+0	4
5	NM 204	Automobile roads	2	2+0	6
6	NM 202	Construction of motor vehicles	3	2+0	6

Subtotal: 30

5

№	Course code	Title	Th	Pr	Ects
1	NM 307	Transport engines	3	2+0	6
2	NM 305	Traffic safety in transportation	2	1+0	5
3	XXX XXX	[AE] Area elective course IV #4	2	2+0	6
4	XXX XXX	[AE] Area elective course III #3	3	2+0	7
5	XXX XXX	[AE] Area elective course V #5	3	2+0	6

Subtotal: 30

6

№	Course code	Title	Th	Pr	Ects
1	IQT 340	Engineering Economics	2	2+0	4
2	MEX 471	Metrology, standardization and certification	2	0+1	5
3	SM 302	Safety of life activity	2	1+0	4
4	NM 302	Vehicles of railway transport	2	2+0	6
5	XXX XXX	[AE] Area elective course VII #7	2	2+0	6
6	XXX XXX	[AE] Area elective course VI #6	2	2+0	5

Subtotal: 30

7

№	Course code	Title	Th	Pr	Ects
1	XXX XXX	[AE] Area elective course XI #11	3	2+0	6
2	XXX XXX	[AE] Area elective course XII #12	2	2+0	5
3	XXX XXX	[AE] Area elective course VIII #8	2	2+0	6
4	XXX XXX	[AE] Area elective course IX #9	2	2+0	6
5	XXX XXX	[AE] Area elective course X #10	3	2+0	7

Subtotal: 30

8

№	Course code	Title	Th	Pr	Ects
1	NM 480	Internship	0	0+0	30

Subtotal: 30

Total ECTS credits: **240**

AE - Area Elective Courses

№	Course code	Title	Th	Pr	Ects
1	NM 417	Environmental safety of cars	2	2+0	5
2	NM 309	Theory of cars	3	2+0	7
3	NM 311	Dynamics of cars	3	2+0	7
4	NM 304	Organization of traffic	2	2+0	5
5	NM 308	Intelligent traffic management systems	2	2+0	6
6	NM 310	Traffic rules and YHT technical regulation	2	2+0	6

