

COURSE STRUCTURE

2025-10501 Civil Engineering (EN) Bachelor

1						
No	Course code	Title		Th	Pr	Ects
1	MATH 133	Mathematics-1		2	1+0	5
2	ENG 011	Academic English- 1		0	10+0	8
3	PHYS 147	Physics- 1		3	0+1	5
4	KR 101	Korean language- 1		0	8+0	5
5	TRX 160	History of Azerbaijan		3	0+0	5
6	CHE 186	Chemistry		2	0+1	4
Subtotal: 32						

2						
No	Course code	Title		Th	Pr	Ects
1	ENG 013	Academic English- 2		0	10+0	7
2	PHYS 159	Physics- 2		2	0+1	4
3	CE 232	Statics		2	1+0	4
4	CE 238	Creative thinking and problem solving		2	1+0	5
5	ICT 108	Fundamentals of programming		2	1+0	3
6	MATH 134	Mathematics-2		2	1+0	5
7	CE 236	Descriptive Geometry and Engineering Drawing		2	2+0	4
8	KR 102	Korean language- 2		0	8+0	5
Subtotal: 37						

3

№	Course code	Title	Th	Pr	Ects
1	CE 229	Strength of materials- 1	2	1+0	5
2	CE 233	Dynamics	2	1+0	4
3	CE 249	Introduction to Hydraulics	2	1+0	5
4	CE 237	Construction materials	2	0+1	5
5	KR 201	Korean language- 3	0	8+0	5
6	MATH 257	Engineering mathematics	2	1+0	5

Subtotal: 29

4

№	Course code	Title	Th	Pr	Ects
1	CE 272	BIM/CAD & Practice	2	1+0	5
2	CE 200	Strength of materials- 2	2	1+0	6
3	CE 246	Environmental Engineering & Lab	2	1+0	5
4	CE 248	Elementary Surveying & Practice	2	1+0	5
5	MATH 244	Engineering Numerical Analysis	2	1+0	3
6	KR 202	Korean language- 4	0	8+0	5
7	MINF 275	Probability theory and statistics	2	1+0	4

Subtotal: 33

5

№	Course code	Title	Th	Pr	Ects
1	KR 301	Korean language- 5	0	8+0	5
2	CE 373	Engineering programing	2	1+0	4
3	CE 379	Water Supply & Waste Water Engineering	2	1+0	6
4	CE 377	Construction Economics	2	1+0	7
5	CE 375	Structural Analysis	2	1+0	6
6	MM 140	Civil Defence	1	1+0	3

Subtotal: 31

6

№	Course code	Title	Th	Pr	Ects
1	CE 380	Advanced Structural Analysis	2	1+0	5
2	KR 302	Korean language- 6	0	8+0	5
3	CE 244	Eco Hydraulics & Lab	2	1+0	4
4	CE 374	Structural Dynamics	2	1+0	6
5	CE 376	Construction Management	2	1+0	7
6	CE 378	Steel Structures	2	1+0	9
7	CE 382	Hydrology	2	1+0	4

Subtotal: 40

7

№	Course code	Title	Th	Pr	Ects
1	CE 471	Prestressed Concrete Design	2	1+0	5
2	CE 473	Soil Mechanics & Lab	2	1+0	6
3	XXX XXX	[AE] Area Elective Course I	2	1+0	6
4	XXX XXX	[AE] Area Elective Course II	2	1+0	5
5	XXX XXX	[AE] Area Elective Course III	2	1+0	5
6	XXX XXX	[AE] Area Elective Course IV	2	1+0	5

Subtotal: 32

8

№	Course code	Title	Th	Pr	Ects
1	CE 470	Capstone Design in Civil Engineering	2	2+0	8
2	XXX XXX	[AE] Area Elective Course V	2	1+0	5
3	XXX XXX	[AE] Area Elective Course VI	2	1+0	5
4	XXX XXX	[AE] Area Elective Course VII	2	1+0	5
5	XXX XXX	[AE] Area Elective Course VIII	2	1+0	8
6	XXX XXX	[AE] Area Elective Course IX	2	1+0	5

Subtotal: 36

Total ECTS credits: **270**

AE - Area Elective Courses

№	Course code	Title	Th	Pr	Ects
1	CE 408	Geotechnical Engineering & Lab	2	1+0	5
2	CE 406	Project Estimation	2	1+0	5
3	CE 474	Water resources and disaster management	2	1+0	5
4	CE 477	Bridge Engineering	2	1+0	5
5	CE 479	Highway & Airport Pavements	2	1+0	5
6	CE 410	Foundation Engineering	2	1+0	5
7	CE 472	Reinforced Concrete Design	2	1+0	8

