

COURSE STRUCTURE

2025-11067 Crisis and Risks Engineering for Transport Services (CRENG) (AZ) Master

1						2					
No	Course code	Title	Th	Pr	Ects	No	Course code	Title	Th	Pr	Ects
1	NX 507	Project management and leadership in logistics and research	2	1+0	6	1	PSI 505	Psychology	2	0+0	2
2	NX 501	Modern problems of management in transport and transportation	2	0+0	4	2	NX 502	New challenges for crisis and risk management in logistics systems	1	1+0	4
3	ENG 501	Academic English	0	3+0	6	3	KOMP 520	New technologies and big data for innovation in crisis and risk management	3	1+0	8
4	KOMP 515	Information analytics and diagnostics in sociotechnical systems	2	2+0	8	4	NX 506	Humanitarian logistics and transport services in disasters conditions	2	1+0	6
5	NX 503	History and methodology of management in transport and transportation	1	0+0	2	5	NX 508	Risks and crisis engineering of transport systems	2	1+0	6
6	XXX XXX	[AE] Area elective course II	1	1+0	4	6	XXX XXX	[AE] Area elective course III	1	1+0	4
<i>Subtotal: 30</i>						<i>Subtotal: 30</i>					

3

No	Course code	Title	Th	Pr	Ects
1	PDQ 520	Pedagogy for Higher Education	2	0+0	4
2	NX 601	Supply chain management and networks in logistics systems	3	1+0	8
3	XXX XXX	[NAE] Non-area elective course I	1	1+0	2
4	XXX XXX	[AE] Area elective course IV	2	1+0	6
5	XXX XXX	[AE] Area elective course V	2	1+0	6
6	XXX XXX	[AE] Area elective course VI	1	1+0	4

Subtotal: 30

4

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

Subtotal: 30

Total ECTS credits: **120**

AE - Area Elective Courses

No	Course code	Title	Th	Pr	Ects
1	NX 509	Research methods	1	1+0	4
2	NX 605	Simulation of complex transport processes and systems that operate in conditions of risks	2	1+0	6
3	NX 607	Mathematical and economic models and methods in logistics	2	1+0	6
4	NX 611	Commercial works and customs services in road transport	1	1+0	4

5	NX 512	Risk and crisis forecast, Analysis and Reduction Methods and Tools	1	1+0	4	
6	NX 603	Supply Chain Logistic Risk Management	2	1+0	6	
7	NX 609	Human Factors in Design & Operations	2	1+0	6	
8	NX 613	Carrier Managing, Soft skills for engineer, basics of technical creativity	1	1+0	4	
9	NX 511	Research methods and professional development	1	1+0	4	
10	NX 510	Health, Safety & Environmental Management Systems	1	1+0	4	

NAE - Non-Area Elective Courses

No	Course code	Title	Th	Pr	Ects	
1	SOS 510	Azerbaijan Multiculturalism	1	1+0	2	
2	NX 617	The role of scientific and technical progress in the dynamic development of society	1	1+0	2	
3	NX 615	Methodological fundamentals of scientific and technical development	1	1+0	2	