



ISO115	Technology of mechanical engineering	PD, UC	5	150	1/2/0	105	E								5			
MSM129	Technological processes of machine-building production	PD, UC	5	150	2/1/0	105	E								5			
MSM411	Automated design systems for machine structures	PD, UC	4	120	2/0/1	75	E								4			
3301	Elective	PD, CCH	5	150	1/2/0	105	E								5			
3302	Elective	PD, CCH	4	120	1/2/0	75	E								4			
4303	Elective	PD, CCH	6	180	2/1/1	120	E								6			
4304	Elective	PD, CCH	6	180	2/0/2	120	E								6			
4305	Elective	PD, CCH	5	150	1/0/2	105	E								5			
4306	Elective	PD, CCH	5	150	2/1/0	105	E								5			
AAP143	Industrial practice I	PD, UC	2									2						
AAP183	Industrial practice II	PD, UC	3											3				
<b>M-9. Management training module</b>																		
4307	Elective R&D	PD, CCH	5	150	2/0/1	105	Report								5			
<b>M-10. Module of final attestation</b>																		
ECA003	Preparation and writing of a thesis (project)	FA	6												6			
ECA103	Defense of the thesis (project)	FA	6												6			
<b>M-11. Module of additional types of training</b>																		
AAP500	Military affairs	ATT	0															
<b>Total based on UNIVERSITY:</b>											31	29	28	27	29	31	33	27
											60		55		60		60	

Number of credits for the entire period of study					
Cycle code	Cycles of disciplines	Credits			
		required component (RC)	university component (UC)	component of choice (CCH)	Total
GED	Cycle of general education disciplines	51		5	56
BD	Cycle of basic disciplines		92	20	112
PD	Cycle of profile disciplines		24	36	60
	<b>Total for theoretical training:</b>	<b>51</b>	<b>116</b>	<b>61</b>	<b>228</b>
FA	Final attestation	12			12
	<b>TOTAL:</b>	<b>63</b>	<b>116</b>	<b>61</b>	<b>240</b>

Decision of the Academic Council of Kazntu named after K.Satpayev. Protocol № 3 or "28" 04 2022y.

Decision of the Educational and Methodological Council of Kazntu named after K.Satpayev. Protocol № 7 or "26" 04 2022y.

Decision of the Academic Council of the Institute E&ME. Protocol № 5 or "20" 04 2022y.

Vice-Rector for Academic Affairs

B. A. Zhautikov

E&ME Institute Director

K.Yelemessov

ME,SC&M Department Head

M.Issametova

Representative of the Council for EP from Employers

I. Dyusebaev