

“APPROVED”
Rector of Jizzakh Polytechnic Institute
_____A.Usmankulov

Specialty: 70730308 – Construction Materials Technology

Qualification – Engineer-technologist, pedagogical researcher

No.	Course Qualification Code	Names of Courses, Blocks and Types of Activities	Student Workload, in Hours									Distribution of Hours by Semester and Weeks		Allocation by Semester and Weeks		Total Credits				
			Total Workload	Classroom Activities, in Hours						Independent Study	1-Year	2-Year	1- Year	2-Year						
				Semesters				Semesters												
				1	2	3	4	60	60		60	60								
				Number of Weeks of Classroom Activities in the Semester				Credit Distribution												
Hours	%	Total	Lectures	Practical Classes	Laboratory Classes	Seminars	Course Paper	15	15	15	0	30	30	30	30	120				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	29
1.00		Compulsory Courses	1440	40,0	432	216	216	0	0	1ki	1008	13	8	7		24	20	4		48
1.01	RM1104	Research Methodology	120		36	18	18				84	2				4				4
1.02	MTSC1104	Methods of Teaching Specialized Courses	120		36	18	18				84	2				4				4
1.03	SRDC1104	System of Regulatory Documents in Construction	120		36	18	18				84	2				4				4
1.04	ITCM1106	Innovative Technologies in Construction Materials	180		54	26	28				126	4				6				6

1.05	DC1110	Durability of Concrete	300		90	46	44				210	3	3			6	4			10
1.06	MSASA1204	Materials Structure and Structural Analysis	120		36	18	18				84		2				4			4
1.07	AMMC1206	Admixtures for Mortars and Concrete	180		54	28	26				126			4			6			6
1.08	DRCS1210	Design of Reinforced Concrete Structures	300		90	44	46				210		3	3			6	4		10

2.00		Elective Courses	360	10,0	108	54	54				252		2	4			4	8		12
2.01	MCT2204	Monolithic Concrete Technology	120		36	18	18				84		2				4			4
	NMPPT2204	Non-Metallic Materials and Their Production Technology																		
2.02	DCMFW2304	Dry Construction Mortars for Finishing Works	120		36	18	18				84			2				4		4
	TCMPT2304	Technology of Concrete and Mortar Production																		
2.03	MPMPT2304	Modern Protective Materials and Their Production Technology	120		36	18	18				84			2				4		4
	FECM2304	Forensic Examination Of Construction Materials																		
		Total	1800	50,0	540	270	270	0	0		1260	13	10	11		24	24	12		60
3.00	IF3	Research Activities	1800	50,0							1800					6	6	18	30	60
3.01	RSPiWMT3123438	Research and Scientific-Pedagogical Work, Preparation of the Master's Thesis	900								900					4	4	10	12	30
3.02	SPW312314	Scientific-Pedagogical Work	360								360					2	2	8		12
3.03	RI3408	Research Internship (Practical Training)	540								540								18	18
		Grand Total	3600	100	540	270	270	0	0		3060	13	10	11	0	30	30	30	30	120

Notes:

1. One credit consists of 30 academic hours.
2. For a course project or course paper, 1 credit is awarded by allocating 30 academic hours from the student's independent study hours.
3. The period of the final state attestation also includes the defense of the master's thesis.
4. This working study plan was prepared on the basis of the study plan for Specialty 70730308 – Construction Materials Technology, approved by Protocol No. 1 of the Council of Jizzakh Polytechnic Institute dated August 28, 2024. Under the dual education system, the educational process is organized at production enterprises so that students acquire the necessary practical knowledge and skills based on the requirements of employers.

State Attestation
Defense of the Master's Thesis

Vice-Rector for Academic Affairs _____ M.Ochilov

Head of the Academic and Methodological Department _____ O.Xolmuratov

Head of the Graduate Division _____ J.Ibragimov

The working study plan was approved by the decision of the Council of Jizzakh Polytechnic Institute.

Protocol No. _____, _____, _____ 2026 year.

**Head of the Department of Construction
Materials and Structures**

O.Zafarov

Head of “BASALT HOLDING” LLC

T.Mamadaminov