Approved" Acting Rector Assoc. Prof. Vazeh Askerov 2023

Ministry of Science and Education of the Azerbaijan Republic "Azerbaijan State Oil and Industry University" Public Legal Entity

Specialty: 050617- Civil engineering

Duration 4 years (8 teams)

CURRICULUM

(bachelors degree)

I. EDUCATIONAL PROCESS SCHEDULE

Academic degree: Bachelor Duration of education 4 years(full time)

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Course	1	8 14	15 21		5	6	13		2	2		10		24 30		8	15 21	22 28	XII 4 I	5	12 18	19 25	1	2 8		16 22	1	2	9 15	16 22	23 29	π 5	6 12	13 19		IV 3	4	11 17	18 24			8 14	15 21		VI 5		13		VII i	2 8	9 15	16 22	
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Legend:	Theoretical training	Examinations	Practical training	Final state attestation	Holidays
		::	x		

II. EDUCATIONAL PROCESS PLAN

			T				Audi	ence time		1			
№	Subject code	Name of the subject	credit	Total hours	Out of lecture hall hours	Total	Inclu	ding by ty teaching	pe of		Subjects should be studied first	Semester	Weekly lesson load
							Lect- ture	Seminar, Training	Labo- ra- tory		Svata a mor		
	HF-BOO	Humanities subjects	30	900	480	420	90	330	Physical	15.50			
1		History of Azerbaijan	5	150	90	60	30	30				3	4
2	HF-B02.1	Foreign Language: General English and Speech Practice	8	240	120	120		120				1	8
3	HF-B02.2	Foreign Language: Academic vocabulary and reading. Social communication skills	7	210	105	105		105				2	7
4	HF-B03	Business and academic communication in the Azerbaijani language	4	120	75	45		45				4	3
		Elective subjects	6	180	90	90	60	30					
5	HF-B04	I blok: 1) Philosophy; 2) Sociology; 3) Constitution of the Republic of Azerbaijan and bases of law; 4) Logic; 5) Ethics and aesthetics; 6) Introduction to multiculturalism II blok: 1) Information technology of the specialty;	3	90	45	45	30	15				5	3
6		2) Information management; 3) Basics of entrepreneurship and introduction to business; 4) Political science	3	90	45	45	30	15				6	3
	IPF-BOO	Vocational training subjects of the specialty	180	5400	3510	1890	1140	630	120	- Hills	Bearing the sail	M - 1/24/4	
			120	3600	2370	1230	735	420	75		INSPIRED	5.4	
7	İPF-B01	Linear algebra and analytical geometry	5	150	105	45	30	15				1	3
8	İPF-B02	Mathematical analysis-1	3	90	45	45	30	15				2	3
9		Mathematical analysis-2	3	90	45	45	30	15				3	3
10	İPF-B04	Engineering mathematics	5	150	90	60	30	30				4	4
11		Physics -1	4	120	75	45	30		15			1	3
12	İPF-B04.2		5	150	105	45	30		15		İPF-B04.1	2	3
13		Chemistry	4	120	75	45	30		15		111 20 1.11	1	3
14		Informatics	4	120	75	45	15		30			6	3
15		Inverse geometry and computer graphics	4	120	90	30	15	15	30	-		1	2
16	İPF-B08	Statics	4	120	75	45	30	15				3	3
17		Dynamics	4	120	75	45	30	15				4	3
18		Material resistance-1	6	180	135	45	30	15				2	3
										-		1	
19		Material resistance-2	5	150	105	45	30	15			İPF-B09.1	3	3
20		Construction mechanics-1	6	180	135	45	30	15		-	inc pio i	4	3
21		Construction mechanics-2	5	150	90	60	30	30		-	İPF-B10.1	5	4
22		Engineering geodesy	5	150	105	45	30	15		1		1 7	3
23		Construction materials	5	150	105	45	30	15		-		5	3
24		Hydrology	4	120	75	45	30	15				5	3
25		Engineering geology and soil mechanics	6	180	120	60	30	30		_		3	4
26		Reinforced concrete structures-1	6	180	135	45	30	15			inn nada	5	3
27 28		Reinforced concrete structures-2 Metal constructions	9	210	120 180	90	60	45 30		c/w	İPF-B14.1	6	6
29		Design in civil engineering	8	240	165	75	30	45				7	5
30		Civil defense	3	90	45	45	30	15				4	3
50	111 -019	(Vocational training) selective subjects	60		1140	660	405	210	45		Name and the	NO-TOTAL	
31	iPFS-B01	Block- 1 1) Corrosion protection of oil and gas facilities 2) Theoretical bases of corrosion 3) Methods of increasing the service life of industrial equipment	9	270	180	90	45	30	15	c/w		2	6
32	İPFS-B02	Block -2 1) Hydraulics; 2) Liquid and gas mechanics; 3) Technical hydromechanics.	8	240	150	90	45	15	30	c/w		4	6

33	İPFS-B03	Block- 3 1) Machinery and mechanisms in the construction of oil and gas facilities; 2) Machines for construction and installation of oil and gas facilities; 3) Machinery and equipment for construction works.	7	210	135	75	45	30		3	5
34	iPFS-B04	Block- 4 1) Construction of oil depots and gas storage facilities; 2) Construction of pump and compressor stations; 3) Construction of oil and gas terminals.	7	210	120	90	60	30	c/p	5	6
35	İPFS-B05	Block -5 1) Technologies for construction and installation of oil and gas pipelines; 2) Construction of oil and gas pipelines in offshore water basins; 3) Construction and installation of cryogenic pipelines.	7	210	150	60	45	15	c/p	6	4
36	İPFS-B06	Block- 6 1) Construction and installation of gas pipelines and facilities; 2) Installation of facilities for efficient collection and transportation of offshore hydrocarbons; 3) Basics of offshore oil and gas mining.	7	210	135	75	45	30		7	5
37	İPFS-B07	Block -7 1) Development of offshore hydrocarbon deposits; 2) Construction and installation of technological pipelines on offshore foundations; 3) Development of offshore fields by creating underwater mines.	7	210	150	60	30	30		7	4
38	iPFS-B08	Block-8 1) Technical English; 2) Classical and fuzzy logic, 3) Basics of scientific research in transportation logistics	3	90	45	45	30	15		7	3
39	IPFS-B09	Health, labor safety, environmental protection	2	60	30	30	30	-		7	2
40	IPFS-B10	Project management	3	90	45	45	30	15		7	3

III. TIME BUDGET (for weeks)

Courses	Theoretical teaching	Exams	Experience	The final certification	Holiday	Total
I	30	10	-	-	12	52
II	30	10	-	-	12	52
III	30	10	-	-	12	52
IV	15	5	14	6	2	42
Total	105	35	14	6	38	198

IV. INDICATORS OF THE TEACHING PROCESS

Semester The number of credits									8	
Semester	1	2	3	4	5	6	7	Experience	Preparation and defense of the graduation work	Total
1	30	30	30	30	30	30	30	21	9	240
Number of exams	6	5	6	6	6	5	6	-		40
Hours per week	22	22	22	22	22	22	22			

Presented by:

Vice Rector

Dean of the Faculty "Gas-oil mining"

Head of the department "Transportation and storage of oil and gas"

assoc.prof. Q. A. Mammadov

prof.E.X.Iskandarov

prof. H. R. Gurbanov