

Degree course name
Architecture and Design

Academic degree - Bachelor

Curriculum period - 4 years

Type of curriculum - fulltime



WEEKS

[illegible]

H Holidays

Internship

A Attestation

Lecture and practice

III. CURRICULUM PLAN

First level		Total workload per student											Semester		ECTS Credits	USA Credits	
Sr	Subject ID	Subjects	Value of all assignment		Total	Activity				Self study	Semester 1	Semester 2					
			Hour	%		Lecture	Practice	Laboratory	Seminars				Tutoring	Credits per semester			
			3	4	5	6	7	8	9	10	11	12	13				
1		2														14	14
Main subjects																	
1	PYMAT-10	Mathematics	300	16.7%	150	70	80					5	5	10		5	5
2	PYCHE-8	Chemistry	240	13.3%	120	44	60	8			8		4		4	8	4
3	PYPHY-8	Physics	240	13.3%	120	50	60	8			2		4		4	8	4
4	PYDRA-6	Drawing	180	10.0%	90	60	20	10			3		3		3	6	3
5	PYCOM-6	Computer Science	180	10.0%	90	45	15	15			15		3		3	6	3
6	PYENG-10	English language	300	16.7%	150		150					5	5	10		5	5
		Optional subjects (12 credits)	360	20.0%	180	90	90					6	6	12		6	6
		Total (main subjects First level)	1800	100.0%	900	359	475	41	0	25		30	30	60		30	30
Optional subjects																	
1	PYHIS-4	History	120	6.7%	60	30	30					4				4	2
2	PYECON-4	Economics	120	6.7%	60	30	30						4			4	2
3	PYARD-4	Arduino Development Course	120	6.7%	60	30	30					4				4	2
4	PYINT-4	Introduction to motor vehicles	120	6.7%	60	30	16	14				4				4	2
5	PYWEB-4	Web Development	120	6.7%	60	30		30				4				4	2
6	PYRUS-0	Russian Language	240	13.3%	120		120										
7	PYPHY-0	Physical training	120	6.7%	60		60										
8	PYENG-4	English Writing Skills	120	6.7%	60		60					4				4	2
9	PYLAN-4	Land Surveying	120	6.7%	60		60						4			4	2
Total 1st level subjects			1800	100%	900	359	475	41	0	25		30	30	60		30	30

Second level

№	Subject ID	Subjects	Total workload per student											ECTS Credits	USA Credits		
			Value of all assignment					Activity					Semester				
			Hour		%	Total	Lecture	Practice	Laboratory	Seminars	Tutoring	Self study	Semester 3			Semester 4	
			3	4													
1		2				5	6	7	8	9	10	11	12	13	14		
Main subjects																	
1	FLHIS-6	History of Architecture	180	10.0%		90	72	18				90	6		6	3	
2	FLARC-6	Architectural Drawing	180	10.0%		90	42	48				90	6		6	3	
3	FLCRE-6	Creative Architectural Design	180	10.0%		90	0	90				90	6		6	3	
4	FLSTR-6	Structure of Buildings 1	180	10.0%		90	58	32				90	6		6	3	
5	FLCON-6	Construction Materials	180	10.0%		90	54	36				90	6		6	3	
6	FLDIG-6	Digital Architecture 1	180	10.0%		90	60		30			90	6		6	3	
7	FLBUI-6	Building Physics	180	10.0%		90	62	28				90	6		6	3	
8	FLGEO-6	Geodesy	180	10.0%		90	52	38				90	6		6	3	
9	FLBUI-6	Building Interior Design	180	10.0%		90	28		62			90	6		6	3	
10	FLSTR-6	Structure of Buildings 2	180	10.0%		90	56	34				90	6		6	3	
		Total 2nd level subjects	1800	100.0%		900	484	324	92	0	0	900	30	30	60	30	

Third level

3rd level																		
No	Subject ID	Subjects	Total workload per student											ECTS Credits	USA Credits			
			Value of all assignment			Activity							Semester					
						Total	Lecture	Practice	Laboratory	Seminars	Tutoring	Self study	1			2		
													Semester 5			Semester 6		
			Hour	%														
1		2	3	4	5	6	7	8	9	10	11	Credits per semester			14	14		
1	SLDIG-6	Digital Architecture 2	180	10.0%	90	16	74				90	6			6	3		
2	SLLAN-6	Landscape Design	180	10.0%	90	30	60				90	6			6	3		
3	SLSTR-6	Structural Mechanics	180	10.0%	90	30	60				90	6			6	3		
4	SLBUI-6	Building Utility Design	180	10.0%	90	30	60				90	6			6	3		
5	SLBUI-6	Building Planning and Design 1	180	10.0%	90	32	58				90	6			6	3		
6	SLDIG-6	Digital Architecture 3	180	10.0%	90	16	74				90		6		6	3		
7	SLSTR-6	Structural Engineering	180	10.0%	90	60	30				90		6		6	3		
8	SLBUI-6	Building Planning and Design 2	180	10.0%	90	30	60				90		6		6	3		
9	SLGIS-6	GIS and Remote Sensing	180	10.0%	90	30		60			90		6		6	3		
10	SLAPP-6	Applied Geology	180	10.0%	90	60		30			90		6		6	3		
		Total 3rd level subjects	1800	100%	900	334	476	90	0	0	900	30		30	60	30		

Fourth level

No	Subject ID	Subjects	Total workload per student													Semester		ECTS Credits	USA Credits
			Value of all assignment		Activity						Self study	Semester 7		Semester 8					
					Total	Lecture	Practice	Laboratory	Seminars	Tutoring									
															Hour	%			
1		2	3	4	5	6	7	8	9	10	11	12	13			14	14		
1	TLBUJ-6	Building Planning and Design 3	180	10.0%	90	28	62				90	6				6	3		
2	TLINT-6	Introduction of Urban Planning	180	10.0%	90	56	34				90	6				6	3		
3	TLCON-6	Construction Project Management	180	10.0%	90	60		30			90	6				6	3		
4	TLSEI-6	Seismic Engineering and Design	180	10.0%	90	56	6	28			90			6		6	3		
5	TLARC-6	Architectural Conservation	180	10.0%	90	60	30				90			6		6	3		
		Optional subjects (12 credits)	360	20.0%	180	90	90				180	12				12	6		
		Final Project/Internship	540	30.0%	270						270			18		18			
		Total (main subjects 4th level)	1800	100%	900	350	222	58	0	0	900	30	30			60	30		
Optional subjects																			
1	TLBUJ-6	Building Information And Modelling (BIM)	180	10.0%	90	28	62				90	6				6	3		
2	TLNUM-6	Numerical Methods	180	10.0%	90	30		60			90			6		6	3		
3	TLPHO-6	Photogrammetry	180	10.0%	90	60	30				90	6				6	3		
4	TLGEO-6	Geotechnics	180	10.0%	90	50	40				90	6				6	3		
5	TLTRA-6	Transportation Systems	180	10.0%	90	32	34	24			90			6		6	3		
		Total 4th level subjects	1800	100%	900	28	222	58	0	0	900	30	30			60	30		
		Total	7200	100%	3600	1527	1497	281	0	25	3600	120	120			240	120		