



“APPROVED”

International Qualifications and Assessment Centre

Date: 10/24/09 / 2009

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Agency for Strategic Reforms
Under the President of the Republic of Uzbekistan

Date: _____

based on the UK's RQF educational standards

ACADEMIC PLAN

Only educational institutions with valid IQAC accreditation are authorized to implement this academic plan

Major: Diploma in ARCHITECTURE

Level 3 - Foundation

Academic level: Levels 4-6 - Bachelor

Level 7 - Master's

Mode of study – full time, blended, distance learning

Classification – Architecture

I. ACADEMIC PLAN

	Theoretical-practical study	A	Assessment	B	Academic break	K	Weeks - credit module system	P	Production practice is given in appendix 8
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II. Curriculum

Level 3 Diploma in Architecture Foundation

№	Unit Reference Number	Unit	Subjects	Total student workload					Semester		Total credit value by year			
				Distribution					I semester	II semester				
				Total qualification time	Total Guided learning hours	Theory-based learning	Practice-based learning	Self-guided learning hours	Semester credits					
									CATS	ECTS	CATS	ECTS		
1	2	3	4	5	6	7	8	9	10	11	CATS	ECTS		
3.01	L03FEA-U1	Unit 1	Functional English	120	48	24	24	72	12	6				
3.02	L03MFA-U2	Unit 2	Mathematics for Architecture	200	90	45	45	110	20	10				
3.03	L03ITA-U3	Unit 3	Introduction to Architecture	120	48	24	24	72	12	6				
3.04	L03DPC-U4	Unit 4	Design Principles and Creative Thinking	200	90	45	45	110			20	10		
3.05	L03MCT-U5	Unit 5	Materials and Construction Techniques	200	90	45	45	110			20	10		
3.06	L03EDS-U6	Unit 6	Environmental Design and Sustainability	120	48	24	24	72	12	6				
3.07	L03UZH-U7	Unit 7-uz	O'zbekistonning eng yangi tarixi	80 CATS/120 ECTS	32/48 ECTS	16/24 ECTS	16/24 ECTS	48/72 ECTS	8	4				
3.08	L03PHL-U8	Unit 13-uz	Falsafa	80 CATS/120 ECTS	32/48 ECTS	16/24 ECTS	16/24 ECTS	48/72 ECTS			8	4		
	L03REL-U9	Unit 14-uz	Dinshunoslik	80 CATS/120 ECTS	32/48 ECTS	16/24 ECTS	16/24 ECTS	48/72 ECTS			8	4		
Total 3 level subjects				1200 CATS/ 1800 ECTS	510 CATS/ 766 ECTS	255 CATS/ 383 ECTS	255 CATS/ 383 ECTS	690 CATS/ 1034 ECTS	64	32	56	28	120	60

III. Curriculum

Level 5 Extended Diploma in Architecture

Extended level included 4 and 5 levels – 1-6 units of level 4; 7-12 units of level 5. Each level has 2 semester that means a year.

№	Unit Reference Number	Unit	Subjects	Total student workload					Semester		Total credit value by year			
				Distribution					III semester	IV semester				
				Total qualification time	Guided learning hours	Theory based learning	Practice based learning	Self-guided learning hours	Semester credits					
									CATS	ECTS	CATS	ECTS		
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	CATS	ECTS		
5.01	L04CSE-U1	Unit 1	Communication Skills for Engineering 1	200	90	45	45	110	20	10				
5.02	L04MIA-U2	Unit 2	Mathematics For Interior Design and Architecture	200	90	45	45	110	20	10				
5.03	L04HSS-U3	Unit 3	Health, Safety, Security and Environment	200	90	45	45	110	20	10				
5.04	L04ADS-U4	Unit 4	Architectural Design Studio	200	90	45	45	110			20	10		
5.05	L04AAD-U5	Unit 5	Advanced Architectural Design Studio (Project: Residential)	200	90	45	45	110			20	10		
5.06	L04UDS-U6	Unit 6	Urban Design and Site Planning	200	90	45	45	110			20	10		
Total 4 level subjects				1200 CATS/ 1800 ECTS	540 CATS/ 810 ECTS	270 CATS/ 405 ECTS	270 CATS/ 405 ECTS	660 CATS/ 990 ECTS	60	30	60	30	120	60
Level 5 Extended Diploma in Architecture									V semester	VI semester	Total credit value by year			
									Semester credits					
5.07	L05ESB-U7	Unit 7	Environmental Systems and Building Performance	200	90	45	45	110	20	10			20	10

5.08	L05ASC-U8	Unit 8	Architecture and Society: Cultural and Ethical Contexts	200	90	45	45	110	20	10			20	10
5.09	L05CLB-U9	Unit 9	Construction Law and Building Regulations	200	90	45	45	110	20	10			20	10
5.10	L05ISD-U10	Unit 10	Interior and Spatial Design	200	90	45	45	110			20	10	20	10
5.11	L05MMC-U11	Unit 11	Materials, Methods and Construction Detailing	200	90	45	45	110			20	10	20	10
5.12	L05DDT-U12	Unit 12	Digital Design Tools: BIM and 3D Modeling	200	90	45	45	110			20	10	20	10
			Total 5 level subjects	1200 CATS/ 1800 ECTS	540 CATS/ 810 ECTS	270 CATS/ 405 ECTS	270 CATS/ 405 ECTS	660 CATS/ 990 ECTS	60	30	60	30	120	60
			Total extended level 5	2400 CATS/ 3600 ECTS	1080 CATS/ 1620 ECTS	540 CATS/ 810 ECTS	540 CATS/ 810 ECTS	1320CATS/ 1980 ECTS	120	60	120	60	240	120

IV. Curriculum														
Level 6 Diploma in Diploma in Architecture				Total student workload					Semester					
No	Unit Reference Number	Unit	Subjects	Distribution					V semester	VI semester				
				Total qualification time	Guided learning hours	Theory based learning	Practice based learning	Self-guided learning hours			Semester credits			
									CATS	ECTS	CATS	ECTS		
1	2	3	4	5	6	7	8	9	10	11	CATS	ECTS		
6.01	L06MATI-U1	Unit 1	Material and Architectural Technology I	200	90	45	45	110	20	10	20	10		
6.02	L06MATII-U2	Unit 2	Material and Architectural Technology II	200	90	45	45	110		20	10	20	10	
6.03	L06ABTC-U3	Unit 3	Advanced Building Technology and Construction Systems	200	90	45	45	110	20	10		20	10	
6.04	L06PCD-U4	Unit 4	Parametric and Computational Design	200	90	45	45	110	20	10		20	10	
6.05	L06UDR-U5	Unit 5	Urban Design and Regenerative Architecture	200	90	45	45	110		20	10	20	10	
6.06	L06CPC-U6	Unit 6	Capstone Project – Commercial (Graduation Work)	200	90	45	45	110	10	5	10	5	20	10
Total 6 level subjects				1200 CATS/ 1800 ECTS	540 CATS/ 810 ECTS	270 CATS/ 405 ECTS	270 CATS/ 405 ECTS	660 CATS/ 990 ECTS	70	35	50	25	120	60
Overall, for bachelor levels														
Total 3 level subjects				1200	510	255	255	690	64	32	56	28	120	60
Total 4 level subjects				1200	540	270	270	660	70	35	50	25	120	60
Total 5 level subjects				1200	540	270	270	660	60	30	60	30	120	60
Total 6 level subjects				1200	540	270	270	660	70	35	50	25	120	60
Total				4800 CATS/ 7200 ECTS	2130 CATS/ 3196 ECTS	1065 CATS/ 1598 ECTS	1065 CATS/ 1598 ECTS	2670 CATS/ 4004 ECTS	264	132	216	108	480	240

V. Curriculum
Master's degree
Level 7 in Diploma in Architecture

Unit Reference Number				Total qualification time	Guided learning hours	Theory based learning	Practice based learning	Self-guided learning hours	Semester		Semester credits		value by year				
													CATS	ECTS			
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	CATS	ECTS			
7.01	L07ATGP-U1	Unit 1	Advanced Architectural Theory and Global Perspectives	200	90	45	45	110	20	10				20	10		
7.02	L07CDDF-U2	Unit 2	Computational Design and Digital Fabrication	200	90	45	45	110	20	10				20	10		
7.03	L07SCSU-U3	Unit 3	Smart Cities and Sustainable Urban Futures	200	90	45	45	110	20	10				20	10		
7.04	L07EIM-U4	Unit 4	Entrepreneurship and Innovation Management	200	90	45	45	110			20	10		20	10		
7.05	L07CTGD-U5	Unit 5	Architectural Research Methods and Critical Thinking, Governance and Data Security	200	90	45	45	110			20	10		20	10		
7.06	L07RTA-U6	Unit 6	Research Thesis in Architecture	200	90	45	45	110			10	5	10	5	20	10	
7.07	L07ADS-U6	Unit 7-uz	Arxitektura loyihalashning ijtimoiy asoslari	120CATS/180 ECTS	48/72 ECTS	24/36 ECTS	24/36 ECTS	72/108 ECTS	12	6					12	6	
7.08	L07CSD-U6	Unit 8-uz	Qurilish sohasidagi me'yoriy hujjatlar tizimi	80 CATS/120 ECTS	32/48 ECTS	16/24 ECTS	16/24 ECTS	48/72 ECTS			8	4			8	4	
7.09			SAW (Scientific Academic Work)	200	90		90	110			10	5	10	5	20	10	
7.10			SRW (Scientific Research Work)	200	90		90	110			10	5	10	5	20	10	
				Total	1800 CATS/ 2700 ECTS	800 CATS/ 1188 ECTS	310CATS/ 460 ECTS	490CATS/ 728 ECTS	1000 CATS/ 1512 ECTS	72	36	78	39	30	15	180	90

Appendix:

- 1 credit consists 10 academic hours.
- Course - Individual units of the programme are called courses. Each course is a self-contained, formally structured learning experience with a coherent and explicit set of learning outcomes and assessment criteria.
- Learning Outcomes – Describe what learners should know, be able to do, and value as a result of integrating knowledge, skills, and attitudes learned throughout the course.
- Assessment Criteria – Refer to the specific standards or benchmarks used to evaluate the effectiveness of the outcomes attained.
- Total Qualification Time (TQT) – The number of notional hours which represents an estimate of the total amount of time that could reasonably be expected to be required for a learner to achieve and demonstrate the level of attainment necessary for the award of a qualification.
- TQT is comprised of the following two elements:
 - Guided Learning Hours (GLH) – Defined as the hours that a teacher, lecturer, or another member of staff is available to provide immediate teaching support or supervision to a student working towards a qualification.
 - Credit Value – Defined as the number of credits that may be awarded to a learner for the successful achievement of the learning outcomes of a unit. One credit is equal to 10 hours of TQT.
- RQF – Regulated Qualifications Framework
- Each level has own practice hours which included in TQT; practice hours are taken from each unit by 10% , meaning 20 hours in one level it equals to 120 hours
 - Level 4 (extended 5 first year) 120 hours of production practice
 - Level 5 (also in second year) 120 hours of production practice
 - Level 6 – 120 hours for practice before defend Final Capstone project (Graduation work) Implementational practice of Capstone project (Graduation work)
Total practice hours 360 hours in CATS -36 credit (18 ECTS credits 540 hours)
- SAW (Scientific Academic Work) making methodical instructions books, assist teachers on their classes (making classes)
- SRW (Scientific Research Work) retrieval search for research, making scientific papers and publishing them
- The European Credit Transfer and Accumulation System (ECTS) is a standardized academic credit system widely adopted across the European Higher Education Area and currently implemented in Uzbekistan, where 60 ECTS credits represent the workload of one full academic year. In the United Kingdom, the Credit Accumulation and Transfer Scheme (CATS) is applied, with 120 CATS credits corresponding to a full academic year; typically, 2 CATS credits are considered equivalent to 1 ECTS credit.
- This academic plan is eligible for adoption by other higher education institutions and universities that hold official approval and accreditation from the IQAC

Upon approval of this academic plan schedule, the involved parties will be authorized to issue their respective diplomas, meaning that the student will receive two diplomas upon graduation.

On behalf of Tashkent University of Architecture and Civil Engineering

Rector of TUACE



B. Tulaganov

Prorector on academic affairs

R. Xadjayev

Head of academic and

methodological department

Q. Raximov

On behalf of International Qualifications and Assessment Centre

Director of studies



U. Azizov

Z. Arripova