

Architecture Undergraduate Programme at TCU

1. Student Admission

High School Graduates

2. Cultivation Objectives

We prepare students for positions of leadership in their communities and in the design professions. We offer academic programs and professional preparation within a context of rigorous scholarship, environmental stewardship, and creative endeavor. Our degree programs address important professional concerns—creativity, intellectual advancement, professional and ethical responsibility, technical innovation, and civic engagement—while developing students' imaginative and intellectual abilities to provide the information and strategies needed to address contemporary design practice.

3. Knowledge and Ability of Graduates

The Architecture curriculum centers on the design studio, which is the primary academic component of each semester. This studio training is coupled with imaginative and comprehensive instruction in architectural history, technology, theory, digital media, techniques of representation and professional concerns. As well, the architecture curriculum places emphasis on significant study in the liberal arts and sciences. Our approach in all coursework emphasizes a variety of theories, points of view, methods, and goals. We not only enable a student's development as an architect, but also further the discourse in or discipline by engaging the culture around us and expanding the traditions of architectural thought and practice.

4. Duration

5 Years / 10 Semesters

5. Degree

Bachelor of Architecture

6. Modules and Credits

Module	Hours	Ratio (%)	Credits	Ratio (%)
Generic Basic Courses (compulsory)	440	24.1	36	17.6
Discipline Basic Courses (compulsory)	492	19.6	32.5	15.9
Professional Basic Courses (compulsory)	614	26.5	44	21.5
Professional Courses (compulsory)	440	19	31.5	15.4
Professional Elective Courses	160	6	10	4.9
Generic Elective Courses	122	4.8	8	3.9
Training and Practice (Week)	42.5W		42.5	20.8
Total	2268Hr +42.5W		204.5	100
Research Credits (Part Time)			4	
Requirement			208.5	

7. Workload (Week) of Semester

Semester		Theory	Training	Exam	Military Training	Labour for Public Welfare	Graduate Design	Final Presentation	Graduate Education	Initiate Education	Total
		1 st year	1	13.5	1.3	2	1				
	2	15		2	2						19
2 nd year	3	15	2+(3)	2							19+(3)
	4	15	2	2							19
3 rd year	5	15.8	2.2	1							19
	6	17	1	1							19
4 th year	7	17	1	1							19
	8	18		1		(1)					19+(1)
5 th year	9		16								16
	10						14	(1)	(1)		14+(2)
Total		126.5	25.5+(3)	12	3	(1)	14	(1)	(1)	(1)	181+(7)

8. Training and Practice Module Plan

Course	Credits	Week	Semester
Initiate Education	(1)	(1)	1
Seminar (1)	0.3	0.3	1
Seminar (2)	0.2	0.2	5
Military Theory	1	1	1
Military Training	2	2	2
Labour for Public Welfare	(1)	(1)	8
Professional Design Basis Cognitive Practice	1	1	1
Architectural Technology Practice	1	1	3
Professional Performance Practice	1+ (3)	1	3
Design Investigation	1	1	4
Surveying and Drawing	2	2	5
Special Practice (1) ECOTECT	1	1	4
Special Practice (2) IES	1	1	6
Special Practice (3) Tengent Sunlight Analysis	1	1	7
Internship	16	16	9
Graduate Design	14	14	10
Final Presentation & Graduate Education	(1)	(1)	10
Total	42.5	42.5	

9. Compulsory Module Plan

Module	Course	Credits	Hours	Type			Semester
				Theory	Training	Extension	
Generic Basic Courses (compulsory)	College English (1) (2) (3) (4)	3*4	48*4	48*4			1-4
	Physical Education (1) (2) (3) (4)	1*4	32*4	6*4		26*4	1-4
	Literature Retrieval	1	16	16			7
	Basis of College Computer	2	32	16	16		1
	Outline of Chinese Modern History	2	32	28		4	2
	Other Subjects	15	240	84		92	M
	Subtotal	36	640	424	16	200	

Module	Course	Credits	Hours	Type			Semester
				Theory	Training	Extension	
Discipline Basic Courses (compulsory)	Fine Arts Basis	2	32	32			1
	Advanced Mathematics	4	64	64			1
	Professional Performance	2.5	40	40			2
	Architectural Graphics (1)	1	16	16			1
	Architectural Graphics (2)	1.5	24	24			2
	Introduction to Majors (1)	1	16	12	4		1
	Introduction to Majors (2)	1	16	12	4		2
	Design Basis (1)	6	96	96			1
	Design Basis (2)	6	96	96			2
	Studio (1)	6	96	80	16		3
	Principles of Architectural Design (1)	1.5	24	20	4		3
	Subtotal		32.5	520	492	28	
Professional Basic Courses (compulsory)	Architectural Construction (1)	3	48	32	16		3
	Architectural Construction (2)	1.5	24	24	0		5
	Chinese Architecture History	2	32	28	4		3
	Foreign Architecture History	3	48	44	4		4
	Professional English	1	16	16			5
	Studio (2)	7	112	96	16		4
	Studio (3)	7	112	96	16		5
	Studio (4)	6	96	80	16		6
	Principles of Architectural Design (2)	1	16	12	4		4
	Architecture Mechanics & Structure (1) (2) (3)	1.5*3	24*3	24*3			3-5
	Building Environment	3.5	56	48		8	5
	Architectural Equipment (MEP)	1.5*3	24*3	22*3	2*3		6
Subtotal		44	704	614	82	8	
Professional Courses (compulsory)	Principles of Architectural Design (3)	1	16	12	4		5
	Green Building Design and Application	1.5	24	20	4		6
	Studio (5)	3	48	40	8		7
	Planning Design	2	32	24	8		7
	Studio (6)	6	96	88	8		8
	Digital Architecture Design	1.5	24	20	4		7

Module	Course	Credits	Hours	Type			Semester
				Theory	Training	Extension	
	Theory of Urban Planning	2	32	28	4		7
	Site Design	2	32	28	4		7
	Building Security	1	16	16			7
	Theory of Urban Design	2	32	24	8		7
	Architectural Design Standard	1	16	16			7
	Building Operations	1	16	16			8
	Building Structural Form Selection	1.5	24	20	4		8
	Construction Drawing and Details	1	16	16			8
	Architect Business	1.5	24	20	4		8
	Professional Colloquium	1	16	16			8
	Materials Application	1	16	16			8
	Case Study	1.5	24	24			8
	Subtotal	31.5	504	444	60		

10. Professional Elective Module Plan

Course	Credits	Hours	Type			Semester
			Theory	Training	Extension	
Computer Aided Design	2	32	16	16		4
External Space Design	1.5	24	24			6
Environmental Psychology of Architecture	1.5	24	24			2
Architectural Review	1.5	24	24			8
Graphic Composition	1	16	16			5
Arts Appreciation	1	16	16			4
Architectural Photography	1	16	16			6
Scientific Paper Writing	0.5	8	8			2
Statistical Methods	1	16	16			2
Ikebana	1	16	16			2

Course	Credits	Hours	Type			Semester
			Theory	Training	Extension	
Lawn Brief	1	16	16			6
Pedology Brief	1	16	16			6
Scenic Area Planning	1	16	16			7
Plant Management	1	16	16			7
Green Residential & Building design	1	16	16			8
Urban Geography	1.5	24	24			7
Urban Sociology	1.5	24	24			8
Urban Simulation	1	16	16			8
Rural Planning	1	16	8	8		8
Advanced Study of Urban Planning	1	16	8	8		8
Protection & Utilization of Traditional Village	1	16	8	8		7
Urban Security Brief	1.5	24	24			8
Requirement	At Least 10 Credits					

11. Workload Summary (Elective are NOT Included)

Semester	Credits	Theory Credits	Theory Hours	Weeks	hrs. / Week	Others Credits	
1 st year	1	29.675	22.44	362	18	26.4	7.235
	2	18.125	15.69	254	19	16.9	2.435
2 nd year	3	22.625	17.19	278	19	18.5	5.435
	4	23.875	17.44	282	19	18.8	6.435
3 rd year	5	17.7	13.75	220	19	13.9	3.95
	6	13	10.375	166	19	9.76	2.625
4 th year	7	17	13.25	212	19	12.5	3.75
	8	14.5	13.5	216	19	12	1
5 th year	9	16	0	0	16	0	16
	10	14	0	0	14	0	14
Total	186.5	123.635	1990			62.865	