

Urban and Rural Planning 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 urban planning 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 principles and design of urban planning and architecture, city development history, management and regulation of urban planning. As well, the urban planning 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 a planner, but also further the discourse in or discipline by engaging the culture around us and expanding the traditions of planning thought and practice.

4. Duration

5 Years / 10 Semesters

5. Degree

Bachelor of Engineering

6. Modules and Credits

Module	Hours	Ratio (%)	Credits	Ratio (%)
Generic Basic Courses (compulsory)	640	25.0	36	17.4
Discipline Basic Courses (compulsory)	520	20.3	32.5	15.7
Professional Basic Courses (compulsory)	544	21.3	34	16.5
Professional core Courses (compulsory)	568	22.2	35.5	17.2
Professional Elective Courses	160	6.2	10	4.8
Generic Elective Courses	128	5.0	8	3.9
Training and Practice (Week)	50.5W		50.5	24.5
Total	2560 + 50.5 W	100	206.5	100
Research Credits (Part Time)			4	
Requirement			210.5	

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	13.7	1.3	2	1				
2 nd year	2	15		2	2						19
	3	15	2+(3))	2							19+(3)
3 rd year	4	16	1	2						(1)	19+(1)
	5	14.8	2.2	2							19
4 th year	6	12	6	1							19
	7	16	2	1							19
5 th year	8	15	3	1		(1)					19+(1)
	9		16								16
Total	10						14	(1)	(1)		14+(2)
	Total	117.5	33.5+(3)	13	3	(1)	14	(1)	(1)	(1)	181+(7)

8. Training and Practice Module Plan

Course	Week	Credits	Semester
University Introduction	(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
Basic Cognition Practice	1	1	1
Modeling and Spatial Awareness	1	1	3
Professional Performance Practice	1+ (3)	1	3
Design Investigation	1	1	4
Solar Analysis Training	1	1	6
Urban and Rural Social Investigation	4	4	6
Urban and Rural Social Training	1	1	7
Urban and Rural Management Training	1+(1)	1	8
Planning Studio (5)	8	8	9
Graduate Practice	8	8	9
Planning Studio (1) Investigation and research	2	2	5
Planning Studio (2) Investigation and research	1	1	6
Planning Studio (3) Investigation and research	1	1	7
Planning Studio (4) Investigation and research	2	2	8
Graduate Design	14	14	10
Final Presentation	(1)	(1)	10
Total	50.5	50.5	

9. Compulsory Module Plan

Module	Course	Credits	Hours	Type			Semester
				Theory	Training	Extension	
Generic Basic Courses	College English (1) (2) (3) (4)	3*4	48*4				1-4
	Athletics (1) (2) (3) (4)	1*4	32*4	6*4		26*4	1-4
	Literature Search	1	16	16			7

Module	Course	Credits	Hours	Type			Semester
				Theory	Training	Extension	
(compulsory)	Basis of College Computer	2	32	16	16		1
	Outline of Chinese Modern History	2	32	28		4	2
	Other Subjects	15	240	148		92	M
	Subtotal	36	640	232	16	200	
Generic Basic Courses (Elective)	Career Planning	1	16	10	6		
	College Students Employment Guidance	1	16	16			
	Other Subjects	6	96				2-7
	Subtotal	8					
Discipline Basic Courses (compulsory)	Art Basics	2	32	32			1
	Advanced Mathematics(B)	4	64	64			1
	Professional Performance	2.5	40	40			2
	Architectural Drawing (1)	1	16	16			1
	Architectural Drawing (2)	1.5	24	24			2
	Design Basis (1)	6	96	96			1
	Design Basis (2)	6	96	96			2
	Design 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)	Engineering Survey(B)	2	32	24	8		2
	Architectural Construction(1)	3	48	32	16		3
	Professional English	1	16	16			5
	Introduction to Engineering Geology and Hydrogyology	1	16	16			4
	Design Studio (2)	7	112	88	24		4
	Principles of Architectural Design (2)	1	16	12	4		5
	Principles of Architectural Design (3)	1	16	12	4		5
	Theory and Method of Urban Landscape Design	1.5	24	24			5
	The Theory of Urban Planning(1)	3	48	44	4		5
	The Theory of Urban Planning(2)	2	32	28	4		6
Principles of Urban Design	2	32	28	4		7	

Module	Course	Credits	Hours	Type			Semester
				Theory	Training	Extension	
	System Engineering of Urban Planning	2	32	32			7
	Urban Ecology & Environment Planning	2	32	32			7
	Subtotal	34	544	476	68		
Professional Courses (compulsory)	Planning Studio (1)	5	80	72	8		5
	Planning Studio (2)	4.5	72	72			6
	Planning Studio (3)	6	96	88	8		7
	Planning Studio (4)	5	80	80			8
	Urban Road Planning	1.5	24	20	4		5
	Urban Traffic Planning	2	32	24	8		6
	Geographic Information System (C)	2	32	32			6
	Research Method	1.5	24	16	8		5
	Urban Construction Planning	3	48	40	8		7
	Theory of Regional Planning	1.5	24	24			8
	Heritage Protection and Renewal	1.5	24	20	4		8
	Legislation and Administration on Urban and Rural Planning	2	32	32			8
	Subtotal	35.5	568	520	48		

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			6
Architecture review	1.5	24	24			8

Course	Credits	Hours	Type			Semester
			Theory	Training	Extension	
Graphic Composition	1	16	16			5
Arts Appreciation	1	16	16			4
Architectural Photographing	1	16	16			6
Research Method	0.5	8	8			2
Statistical Methods	1	16	16			2
Ikebana	1	16	16			5
Lawn Brief	1	16	16			6
Pedology Brief	1	16	16			6
Scenic Planning	1	16	16			2
Landscape Material	1	16	16			7
Green residential district and architectural design	1	16	16			8
Urban Geography	1.5	24	24			7
Urban Sociology	1.5	24	24			8
City Simulation Technology	1	16	16			8
Village Planning	1	16	8	8		8
Frontiers of Urban Planning	1	16	8			8
Protection and Utilization of Traditional Village	1	16	8	8		7
City Security	1.5	24	24			8
Requirement						At Least 10 Credits