

**FACULTY OF BUILT ENVIRONMENT
UNIVERSITI TEKNOLOGI MALAYSIA**

1. Programme Name		Bachelor in Urban and Regional Planning	
2. Final Award		Bachelor of Urban and Regional Planning	
3. Awarding Institution		Universiti Teknologi Malaysia	
4. Teaching Institution		Universiti Teknologi Malaysia	
5. a. Professional or Statutory Body of Accreditation		a. This is a professional course approved by the Public Service Department and accredited by the Malaysian Board of Planners	
b. Quality Assurance Academic Authority		b. Ministry of Higher Education	
c. Academic Management System Quality Accreditation		d. Lloyd's Registered Quality Assurance Cert. No. 403803	
6. Language(s) of Instruction		Malay and English	
7. Mode of Study (Conventional, distance learning, etc)		Conventional	
8. Mode of operation (Franchise, self-govern, etc)		Self-govern	
9. Study Scheme (Full Time/Part Time)		Full Time	
10. Study Duration		Minimum : 4 years Maximum : 6 years	
Type of Semester	No. of Semester		No. of weeks/ semester
	Full Time	Part Time	Full Time Part Time
Long	8		14
Short	2		8-10
11. Programme Entry Requirement	<p>Fulfil University's general conditions and specific programme requirement (any one of the followings):</p> <p>Matriculation with minimum of C (2.00) in any two of the following subjects; Mathematics, Chemistry/Biology, Physics, Economics, Computer Science, Business Management, and Accounting</p> <p>STPM with minimum of C (2.00) in any two of the following subjects; Mathematics, Chemistry /Biology, Physics, Economics, Computer Science, Business Management, Accounting, Geography, History, Bahasa Melayu, Computing, Arts/Visual Arts, Literature/Kesusasteraan, Arabic/Chinese/ Tamil, Syariah/Usuluddin.</p> <p>Direct Entry Holders of Diploma in Urban and Regional Planning from UTM/equivalent with minimum CPA 2.70 OR:</p> <ol style="list-style-type: none"> Diploma in Architecture from UTM/equivalent Diploma in Valuation from UTM/equivalent Diploma in Civil Engineering from UTM/equivalent Diploma in Land Survey from UTM/equivalent Other Diploma or equivalent with minimum CPA 2.70. Candidates with CPA less than 2.70 with minimum two years working experience in related field are also eligible. 		

12. Programme Objectives	
i)	To produce quality, competent and versatile graduates to undertake the tasks in the progressive field of Urban and Regional Planning;
ii)	To produce graduates with technical, design and strategic skills and capabilities to fulfill the needs of development;
iii)	To equip graduates with generic skills and capabilities necessary to compete in the employment market;
iv)	To provide a platform for planning education and the related disciplines to fulfill current and future needs of planning and development

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13. Programme Learning Outcomes		
Learning Outcomes	Teaching & Learning Methods	Assessment
Technical Knowledge and Competencies		
LO1. Knowledge of principles of urban and regional planning		
Demonstrate the knowledge of the principles of Urban and Regional Planning through discourses of philosophy, legislations, issues and problems.	Lectures, studios, tutorials, seminars, directed reading, independent research, co-operative and problem-based learning.	Examination, oral and visual presentations, discussions, assignment and reviews, quizzes, and project reports.
LO2. Ability to apply knowledge to solve planning problems		
Apply the knowledge of the planning process, feasibility and development impact assessments to the practice of urban and regional planning in the context of development.	Lectures, studios, tutorials, seminars, directed reading, independent research, co-operative and problem-based learning, site visits, visits to Agencies, industrial training.	Examination, oral and visual presentations, project reports and discussions, assignment and reviews, quizzes, industrial training report, feedback reports.
LO3. Ability to use skills, techniques and tools to various level of planning		
Prepare layout plans for various land uses, Development Proposal Reports (LCP), sectoral studies for different levels of development plans using planning techniques and models, and GIS.	Lectures, studios, independent & group projects, co-operative & problem-based learning, site visits, visits to agencies, live projects, hands-on exercises, laboratory practical, simulation, industrial training.	Design project, project reports, discussion, oral and visual presentations, peer assessment, assignments and reviews, laboratory reports, industrial training report, feedback reports..
Generic Skills		
LO4. Ability to use skills critically and creatively		
Display critical and creative thinking skills in undertaking and presenting research and solving planning related problems.	Lectures, studios, independent and group research, co-operative and problem-based learning, site visits, live projects, hands-on exercises, simulation, proposal presentation	Research proposal, oral and visual presentations, research dissertation, project report, assignment and reviews.
LO5. Ability to work effectively in a team		
Work collaboratively as part of team undertaking various roles	Studios, group research, co-operative & problem-based learning, seminars, project presentation, site visits, live projects,	Design project, project reports, discussion, oral and visual presentations, peer assessment, assignment and reviews, laboratory reports.
LO6. Ability to respond and adapt to changing environment		
Demonstrate basic entrepreneurial and project coordination skills, high professional ethics, communication skills, adaptability, and ability to seek continuous knowledge independently.	Lectures, studios, independent & group research, co-operative & problem-based learning, seminars, project presentation, site visits, live projects, industrial training, hands-on exercises, & simulation.	Design project, project reports, discussion, oral and visual presentations, peer assessment, assignment and reviews, laboratory reports, industrial training report, feedback reports.

14. Classification of Courses			
No	Classification	Credit Hours	Percentage
i.	University		
	a. General	8	11.7
	b. Language	6	
	c. Co-curriculum	2	
ii.	Core Knowledge Courses	46	33.6
iii.	Core Skill Courses	50	36.5
iv.	Supporting Skills Courses	18	13.1
v.	Option Papers & Electives	7	5.1
	Total	137	100

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Programme Structure		Credits	Percentage
A	Creativity and Design Innovation	42	34.7
B	Sustainability & Sensitivity to Environment	25	20.7
C	Technology & Production	20	16.2
D	Learning skills and intellectual skills for continuous improvement, communication skills	Integrated	
E	Research and Development	12	9.9
F	Management/ professional ethics, corporate governance, legal aspects and professional practice, multidisciplinary team work, entrepreneur development, industrial training.	22	18.2
Total Credits		121	100
G	University Courses	16	
	Overall Credits	137	

Note: For classification purposes, each course is classified under one category only.

15. Total credit hours to graduate	137 credit hours
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16. Department's Attribute	
A Teaching team	a) <i>Post</i> : Professor 5; Associate Professor 7; Senior Lecturer 4; Lecturer 8, Assis. Lect. - 1
	b) <i>Qualifications</i> : PhD: 14; Master: 10; Others:1
	c) <i>Year in service</i> : >30 = 1 ; 20 – 30 = 18 ; 10 – 20 = 3 ; <10 = 3
	e) <i>Ratio staffs to students</i> : 1:11
B Niche Areas of Department	Tourism Planning, Information Technology, Urban Design, Rural Planning, Transport Planning, Resource & Environment, Housing
C Facilities	Centre of Rural Planning Studies, Studios, Laboratories, Resource Centre, E-Theatre

17. Programme structures and features, curriculum and award requirements

<p>This is a full-time programme based on a 2 Semester Academic Year.</p> <p>Award requirements: Students should:</p> <ul style="list-style-type: none"> • Achieve a total of 137 credit hours with minimum CPA of 2.0 • Complete and pass industrial training • Complete and pass undergraduate project (PSM). <p>Minor</p> <p>Students from other approved programmes who intend to take this programme as a Minor must complete 17 credit hours of core and elective courses as listed below:</p> <p>Core : SBP1012, SBP1063, SBP 2083, SBP2123, SBP3223 Electives: SBP3233, SBP3253, SBP5383 (Select one)</p> <p>Assessment: 50% examination (maximum), 50% coursework (List of Approved Programmes is in Appendix A)</p>

Further enquires :

Course Coordinator
Department of Urban & Regional Planning
Faculty of Built Environment
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CODE	COURSE	CREDIT	CODE	COURSE	CREDIT
Semester 1			Semester II		
SBP 1012	Principles of Planning	2	SBP 1063	Urban Development	3
SBP 1053	Site Planning	3	SBP 2115	Studio (Landscape Design)	5
SBP 1075	Studio (Computer Aided Design)	5	SBP 2133	Quantitative Tech. & Computer	3
SBP 2083	Land use Planning I	3	UHB 1412	English for Academic Communication	2
UHS 1152	Hubungan Etnik	2	ULT 1022	Tamadun Islam & Tamadun Asia	2
		15	UQx 1xx1	Co-Curriculum	1
					14
CODE	COURSE	CREDIT	CODE	COURSE	CREDIT
Semester III			Semester IV		
SBP 2123	Planning Practice	3	SBP 2165	Planning Survey Workshop	5
SBP 2143	Urban Engineering	3	SBP 3183	Urban Design	3
SBP 2155	Studio (Urban Elemen Layout)	5	SBP 3193	Traffic Engineering & Transport	3
SBP 3173	Land use Planning II	3	SBP 3233	GIS in Planning	3
UHS 2023	Teknokrat & Pembangunan	2	UHB 2422	Advanced English for Academic Comm.	2
UQx 1xx1	Co-Curriculum	1	ULT 2132	Institusi-Institusi Islam	2
		17			18
CODE	COURSE	CREDIT	CODE	COURSE	CREDIT
Short Semester			Semester V		
SBP 4354	Industrial Training (HW) (8weeks)	4	SBP 3223	Regional & Metropolitan Planning	3
		4	SBP 4282	Rural Planning	2
			SBP 3205	Studio (Development Plan I)	5
			UHB 3XX2	English Elective	2
			SBP 3XX3	Planning Electives	3
					15
CODE	COURSE	CREDIT	CODE	COURSE	CREDIT
Semester VI			Short Semester		
SBP 3213	Housing and Community Planning	3	SBP 5363	Industrial Training II (HW) (8 weeks)	3
SBP 3253	Environmental Studies	3	SBP 5371	Industrial Training Report (HW)	1
SBP 4323	Project Management	3			4
SBP 4272	Principles of Management	2			
SBP 3245	Studio (Development Plan II)	5			
		16			
CODE	COURSE	CREDIT	CODE	COURSE	CREDIT
Semester VII			Semester VIII		
SBP 4302	Research Methodology	2	SBP 5393	Planning Practice and Ethics	3
SBP 4263	Planning Law	3	SBP 5403	Method of Planning Analysis	3
SBP 4344	Option Paper	4	SBP 4333	Planning Theory	3
SBP 5383	Transportation Planning	3	SBP 4316	Undergraduate Project (PSM)	6
SBP 4295	Studio (Feasibility Study)	5			15
		17			

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		Class	L01	L02	L03	L04	L05	L06
SBP1012	Principles of Planning	B	a	c	-	-	1	-
SBP1053	Site Planning	A	a	a	a	1	1	-
SBP1075	Studio (Computer Aided Design)	A	c	c	b	1	2	2
SBP2083	Land Use Planning 1	B	a	b	-	1	1	-
SBP1063	Urban Development	B	a	c	-	1	1	-
SBP2115	Studio (Landscape Design)	A	a	b	a	2	2	2
SBP2133	Quantitative Techniques & Computer	C	a	c	a	1	1	-
SBP2123	Planning Practice	F	a	a	c	1	1	1
SBP2143	Urban Engineering	C	b	b	a	1	1	-
SBP2155	Studio (Urban Element)	A	a	a	a	1	2	2
SBP3173	Land use Planning II	C	a	b	a	1	1	-
SBP2165	Planning Survey Workshop	C	b	b	a	2	2	2
SBP3183	Urban Design	A	a	b	a	1	1	-
SBP3193	Traffic Engineering & Transport	A	a	b	b	1	1	-
SBP3233	GIS in Planning	C	b	a	a	1	1	-
SBP4354	Industrial Training (HW)	F	b	a	a	1	2	2
SBP3223	Regional & Metropolitan Planning	C	a	b	c	1	1	-
SBP4282	Rural Planning	B	a	b	c	1	1	-
SBP3205	Studio (Development Plan I)	A	a	a	a	2	2	2
SBP34x3	Planning Electives	A	b	c	b	1	2	2
SBP3213	Housing & Community Planning	B	a	c	c	1	1	-
SBP3253	Environmental Studies	B	a	b	b	1	1	-
SBP4323	Project Management	F	a	b	c	1	1	2
SBP4272	Principles of Management	F	a	-	-	1	1	-
SBP3245	Studio (Development Plan II)	A	a	a	a	2	2	2
SBP5363	Industrial Training II (HW)	F	b	a	a	1	2	2
SBP5371	Industrial Training Report II	F	c	c	-	1	2	2
SBP4302	Research Methodology	E	a	a	b	1	1	1
SBP4263	Planning Law	F	a	a	-	1	1	-
SBP4344	Option Paper	E	b	a	a	2	2	2
SBP5383	Transportation Planning	C	a	b	b	1	1	-
SBP4295	Studio (Feasibilities Studies)	A	a	a	a	2	2	2
SBP5393	Planning Practice & Ethics	F	a	c	-	-	1	1

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		Class	L01	L02	L03	L04	L05	L06
SBP5403	Methods of Planning Analysis	C	a	a	b	1	-	-
SBP4333	Planning Theory	B	a	c	c	-	-	-
SBP4316	Undergraduate Project (PSM)	E	a	a	a	2	2	2

Key :

Technical Skills :
contribution to outcome

a = major contribution to outcome
c = minor contribution to outcome

b = moderate

Generic Skills :

1 = not substantial (introduce);

2 = substantial (with assessment)

