



UTM
UNIVERSITI TEKNOLOGI MALAYSIA

Postgraduate Programmes Offered By

Faculty of Built Environment

**UNIVERSITI TEKNOLOGI
MALAYSIA**

Inspiring, Creative & Innovative Minds

FACULTY OF BUILT ENVIRONMENT

The Faculty of Built Environment was first incepted as the Faculty of Architecture in 1972. The name was changed in 1974 when the Department of Urban and Regional Planning and the Department of Quantity Surveying was incorporated under its administrative umbrella. Courses offered then were in Architecture, Urban and Regional Planning, and Quantity Surveying, offered both as a three year semi-professional diploma programme and a professional degree structure.

The Faculty was among the first to relocate itself to the new main campus in Skudai, Johor, across the causeway from Singapore, in 1985. Developments in academic programmes saw the Bachelor of Building course being offered in 1988 which was changed to Bachelor of Science in Construction in 2003, and the Bachelor of Landscape Architecture in 1993. Other academic activities include courses offered through the auspices of S.P.A.C.E. (School of Professional and Continuing Education), initiated in 1997 and post-graduate studies in various disciplines.

DEPARTMENT

- Department of Structure and Materials
- Department of Architecture
- Department of Landscape Architecture
- Department of Quantity Surveying
- Department of Urban and Regional Planning

PROGRAMME OF STUDY

- 1) Master by Taught Course
 - Master of Science (Construction Contract Management)
 - Master of Science (Urban & Regional Planning)
 - Master of Science (Transport Planning)
- 2) Master by Taught Course & Research (Mix Mode)
 - Master of Science (Construction Contract Management)
 - Master of Science (Urban Design)
 - Master of Science (Tourism Planning)
 - Master of Science (Planning – Housing)
 - Master of Science (Planning – Information Technology)
 - Master of Science (Transport Planning)
- 3) Master of Science & Doctor of Philosophy (Ph.D) by Research

Areas of Research

- Architecture:** Environmental Engineering & Architectural Sciences; CAD; Urban Design; Architectural Management; Architectural History & Theory; Landscape Architecture.
- Urban & Regional Planning:** Transport; Rural Planning; Tourism; Geographic Information System; Housing; Regional / Teleworking.
- Quantity Surveying:** Quantity Surveying; Construction Economics and Cost Management; Construction Technology and Management; Construction Law.

1) Master by Taught Course

Master of Science (Construction Contract Management)

Subject Category	Code	Subject	Credit
University Elective (1 subject)	UHX XXX3	(to choose from the list given by School of Graduate Studies)	3
Program Core (8 subjects)	MBG 1243	Construction Contract Studies	3
	MBG 1244	Construction Contract Studies	4
	MBG 1253	Arbitration 3	3
	MBG 1353	Alternative Dispute Resolutions and Adjudication	3
	MBG 1233	Construction Project Procurement	3
	MBG1213/ MBG 1113	Law of Contract, Tort, Agency and Sale of Goods Or Construction Environment	3
	MBG1223/ MBG 1123	Land, Planning and Environmental Law Or Construction Project Development	3
Program Minor (3 subjects)	MBG 1144	Project Management and Operational Research	4
	MBG 1133	Construction Economics	3
	MBG 1433	Case Studies	3
Master Project	MBG 2415	Master Project	5
TOTAL CREDITS			40

Master of Science (Urban & Regional Planning)

Subject Category	Code	Subject	Credit
University Elective (1 subject)	UHX XXX3	(to choose from the list given by School of Graduate Studies)	3
Program (14 subjects)	MBW1103	Theory and Principles of Planning	3
	MBW 1113	Land Use Planning	3
	MBW 2123	Planning Law and Practice	3
	MBW 2163	Urban and Regional Management and Finance	3
	MBW 2193	Social and Community Planning	3
	MBW 3203	Urban Design	3
	MBW 1314	Basic/Local Plan Studio (Design/ Strategic Planning)	4
	MBW 2314	Structure Plan Studio (Strategic Planning)	4
	MBW 3334	Feasibility Studio (Design / Finance studio)	4
	MBW 4300	Industrial Training	0
	MBW 1153	Research Quantitative Technique	3
	MBW 2143	Planning, Infrastructure Utility and Transportation	3
	MBW 2183	Environmental Resource Planning	3
	MBW3213	Planning Electives	3
Master Project	MBW 3225	Master Project	5
TOTAL CREDITS			50

Master of Science (Transport Planning)

Subject Category	Code	Subject	Credit
University Elective (1 subject)	UHX XXX3	(to choose from the list provided by School of Graduate Studies)	3
Program Core (7 subjects)	MBT1133	Analytical Methods and Optimisation	3
	MBT1143	Logistics Systems	3
	MBT1153	Transportation Systems and Policies	3
	MBT1163	Sustainable Transportation	3
	MBT1193	Pre-Masters Project	3
	MBT2163	Logistics and Transportation Strategies	3
	MBT2173	Risk Assessment and Decision Analysis	3
Program Electives (Choose 3 subjects)	MBT1173	Logistics Engineering and Management	3
	MBT1183	Transportation Engineering	3
	MBT2123	International Logistics	3
	MBT2133	Quality Systems in Logistics	3
	MBT2144	Case Studies in Logistics Planning	4
	MBT2154	Case Studies in Transportation Planning	4
Master Project	MBT2196	Master Project	6
TOTAL CREDITS			40

2) Master by Taught Course & Research (Mix Mode)

Master of Science (Construction Contract Management)

Subject Category	Code	Subject	Credit
University Elective (1 subject)	UHX XXX3	(to choose from the list given by School of Graduate Studies)	3
Program Core (4 subjects)	MBG 1214	Law of Contract, Tort, Agency and Sale of Goods	4
	MBG 1234	Construction Project Procurement	4
	MBG 1263	Dispute Resolutions	3
	MBG 1246	Construction Contract Studies	6
Research	MBG 1180/1190	Dissertation I	10
	MBG 1280/1290	Dissertation II	10
TOTAL CREDITS			40

Master of Science (Urban Design)

Subject Category	Code	Subject	Credit
University Elective (1 subject)	UHX XXX3	(to choose from the list given by School of Graduate Studies)	3
Program Core (2 subjects)	MBR 1103	Urban Design Theory	3
	MBR 1113	Urban Design Methodology	3
Specialisation Subjects (2 subjects)	MBR 1403	Urban Landscape Design	3
	MBR 2413	Urban Conservation	3
	MBR 2423	Urban Housing	3
Research	MBR 1180	Dissertation I	10
	MBR 1280	Dissertation II	12
TOTAL CREDITS			40

Master of Science (Tourism Planning)

Subject Category	Code	Subject	Credit
University Elective (1 subject)	UHX XXX3	(to choose from the list given by School of Graduate Studies)	3
Program Core (5 subjects)	MIT 1503	Tourism Planning	3
	MIT 1603	Tourism Management	3
	MIT 1703	Tourism Analysis	3
	MIT 2203	Tourism Marketing	3
	MIT 2604	Studio	4
Research	MIT 1180/1190	Dissertation I	3
	MIT 1280/1290	Dissertation II	7
	MIT 2180/2190	Dissertation III	12
TOTAL CREDITS			41

Master of Science (Planning – Housing)

Subject Category	Code	Subject	Credit
University Elective (1 subject)	UHX XXX3	(to choose from the list provided by School of Graduate Studies)	3
Faculty Core (2 subjects)	MBW1103	Planning Theory & Principles	3
	MBW 1113	Land Use Planning	3
Program Core (3 subjects)	MBH 1403	Theory & Principles of Housing	3
	MBH 2413	Housing Practice & Law	3
	MBH 2423	Housing Finance & Management	3
Research	MBH 1180/1190	Dissertation I	12
	MBH 1280/1290	Dissertation II	10
TOTAL CREDITS			40

Master of Science (Planning – Information Technology)

Subject Category	Code	Subject	Credit
University Elective (1 subject)	UHX XXX3	(to choose from the list provided by School of Graduate Studies)	3
Faculty Core (3 subjects)	MBW 1103	Planning Theory and Principles	3
	MBW 1113	Land Use Planning	3
	MBW 1163	Quantitative Methods in Planning	3
Program Core (3 subjects)	MBN1503	Principles of Information System	3
	MBN 2523	Spatial Analysis and Modelling	3
	MBN 2563	GIS Application and Implementation	3
Research	MBN 1180/1190	Dissertation I	3
	MBN 1280/1290	Dissertation II	10
	MBN 2180/2190	Dissertation III	8
TOTAL CREDITS			42

Master of Science (Transport Planning)

Subject Category	Code	Subject	Credit
University Elective (1 subject)	UHX XXX3	(to choose from the list given by School of Graduate Studies)	3
Program Core (5 subjects)	MBT1133	Analytical Methods and Optimisation	3
	MBT1144	Logistics Systems	4
	MBT1163	Sustainable Transportation	3
	MBT1254	Transportation Systems and Policies	4
	MBT1273	Logistics Engineering and Management	3
Research	MBT1180/90	Dissertation I	10
	MBT1280/90	Dissertation II	10
TOTAL CREDITS			40

TUITION FEES FOR INTERNATIONAL STUDENTS

The current fees structure for the academic session 2009/2010 for international students is given below:

FEES DETAIL	COURSE			
	Intensive English Course NEW STUDENT (IEC)	Master Programme - Taught Course - Taught Course & Research (Full-Time/Part- Time)	Master Programme - Research (Full- Time/Part- Time)	Ph.D (Full- Time/Part- Time)
A. Non-recurrent fees				
Registration		50.00	50.00	50.00
ALUMNI		100.00	100.00	100.00
Examination		200.00	600.00	900.00
Total (a)		350.00	750.00	1,050.00
B. Recurrent fees (Per Semester)				
UTM Service Charges	390.00	390.00	390.00	390.00
Student Service Charges	45.00	45.00	45.00	45.00
Computer Service Charges	30.00	30.00	30.00	30.00
Activities & Welfare Charges	21.00	21.00	21.00	21.00
Tuition	3,500.00	2,500.00 / 1,500.00	2,500.00 / 1,500.00	2,500.00 / 1,500.00
International Students Fund	250.00	250.00	250.00	250.00
Entry Fees	400.00			
Total (b)				
Full-Time	4,636.00	3,236.00	3,236.00	3,236.00
Part-Time		2,236.00	2,236.00	2,236.00
Total Fees (a + b)				
Full-Time	4,636.00	3,586.00	3,986.00	4,286.00
Part-Time		2,586.00	2,986.00	3,286.00

Notes :

- All fees are in Malaysian Ringgit (MYR)
- Total fees for new students = a +b
- Personal bond & hostel fees are not included
- Medical Check-Up fee to be paid once throughout studies

TUITION FEES FOR LOCAL STUDENTS

The current fees structure for the academic session 2009/2010 for local students is given below:

FEES DETAIL	COURSE		
	Master Programme -Taught Course - Taught Course & Research (Full-Time/Part-Time)	Master Programme -Taught Course - Taught Course & Research (Full-Time/Part-Time)	Master Programme -Taught Course - Taught Course & Research (Full-Time/Part-Time)
A. Non-recurrent fees			
Registration	50.00	50.00	50.00
ALUMNI	100.00	100.00	100.00
Examination	200.00	600.00	900.00
Total (a)	350.00	750.00	1,050.00
B. Recurrent fees (Per Semester)			
UTM Service Charges	320.00	320.00	320.00
Student Service Charges	45.00	45.00	45.00
Computer Service Charges	30.00	30.00	30.00
Activities & Welfare Charges	21.00	21.00	21.00
Tuition	1,000.00 / 600.00	1,000.00 / 600.00	1,000.00 / 600.00
Total (b)			
Full-Time	1,416.00	1,416.00	1,416.00
Part-Time	1,016.00	1,016.00	1,016.00
Total Fees (a + b)			
Full-Time	1,766.00	2,166.00	2,466.00
Part-Time	1,366.00	1,766.00	2,066.00

Contact Information:

Assoc. Prof. Dr. Rashid Embi

Deputy Dean (Postgraduate & Research)

Faculty of Built Environment

Email: b-rashid@utm.my

Tel: + (607) 553 0611/ 0604/ 0881

Website: www.fab.utm.my