



UTM
UNIVERSITI TEKNOLOGI MALAYSIA

UTM Razak School of
Engineering and
Advanced Technology



Master of Science (Sustainable Urban Design)

Master of Science (Sustainable Urban Design) is the only innovation-focused master-by-coursework program in Malaysia that addresses current local & global sustainable issues in the built environment. The program assimilates the diverse areas of sustainable development and urban design by collaborating with the allied professionals as well as local and international university partners.

The program is offered in both full-time and part-time modes, designed to provide philosophical, technical and scientific knowledge required in achieving innovative sustainable urban design. This program is offered at UTM Razak School of Engineering and Advanced Technology, UTM Kuala Lumpur, strategically located in the heart of Kuala Lumpur city centre.



Program Structure

- The program is offered on a full-time basis (3 semesters i.e. 18 months) and part-time basis (6 semesters i.e 36 months).
- There are 5 core courses, 4 electives and 3 university courses with a total credit of 45.

Coursework is assessed via studio projects, master's projects, assignments, and case studies. Only 1 core course is assessed by final examinations and assignments.

- Studio projects are conducted in a small group and will focus on giving students the skill to analyse the urban design problems, synthesise primary and secondary data and apply the urban design theories in a creative manner to address the issues given. Drawing ability is not compulsory rather a bonus.

- Course outlines, course materials and academic consultation are available to students at all time.
- Courses are taught by UTM staffs and invited speakers from other universities and the professionals in practice.
- Courses are conducted using two different time mode, i.e. evening classes (3 evening classes per week : 6pm-11pm) or weekend classes (conducted on Saturdays and Sundays). The time mode conducted will depend on the mode preferred by a majority of the students.
- International collaboration with other university partners is conducted through academic trips for joint projects/design workshops and case studies that will form part of the assessments.

Entry Requirements

A Bachelor Degree in Architecture, Urban and Regional Planning or Landscape Architecture with CGPA 3.0 and above, from UTM, or other institutions approved by the UTM Senate. For those having below CGPA 3.0, a minimum of 2 years industrial experience is required.

OR;

A Bachelor Degree in any other related fields from UTM, or other institutions approved by the UTM Senate, with a minimum of 2 years of industrial experiences.

AND;

Passing an interview session if required. International candidates shall fulfill the English language proficiency requirement as outlined in the Academic Regulations of UTM School of Graduate Studies.

English Language Requirement (for international student):

All international students applying to UTM must have a valid two-year old TOEFL or IELTS certificate. Students with a TOEFL score of 550 (or 79 IBT) or an IELTS Band 6 will be enrolled in a faculty program without undergoing UTM English Courses.

Courses

1. CORE COURSES

A. University Courses (9 credit)

- Research Methodology (Compulsory) 3

and Choose TWO Only

- Environmental Ethics 3
- Information and Communication Technology Ethics and Society 3
- Dynamics of Leadership 3
- Philosophy of Science and Social Development 3
- Organizational Behavior and Development 3

B. Program Courses (24 credit – Compulsory ALL)

- Urban Dynamics and Regeneration Studio 5
- Sustainable Urban Landscape Design Studio 5
- Urban Design Theory and Method 4
- Masters Project I 4
- Masters Project II 6

2. ELECTIVE COURSES (12 credit - choose 4 ONLY)

- Sustainable Urban Form and Quality 3
- Sustainable Urban Landscape Design 3
- Urban Dynamics and Regeneration 3
- Urban Studies 3
- Sustainable Design and Construction 3
- Universal Design 3
- Sustainable Housing Development 3
- Sustainable Development and Environmental Engineering 3

TOTAL CREDIT 45

Fee

Full Time/ Part-time

	Local	International
● Tuition fee	RM15,216.00	RM 25,215.00
● Registration fee	RM 300.00	RM 300.00
● Processing fee	RM 20.00	RM 114.00

Careers

Full Time/ Part-time

Graduates can seek employment in urban design related jobs within the architectural, town planning and landscape architecture practices; their employers ranging from private consultancies, developers, local authorities and other government agencies involve with planning, development and policy making. This program will provide students with various urban design skills and knowledge to interpret current policies into design solutions as well as abilities to formulate briefs and guidelines to meet the work demand from employers. The program will ensure people from the different background have the ability to interpret the sustainable development agenda into their urban design works.



razakschool.utm.my

For online application, please log on to www.sps.utm.my
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MASTER OF SCIENCE

(SUSTAINABLE URBAN DESIGN)

