Fakulti Senibina, Perancangan dan Ukur

UNIVERSITI TEKNOLOGI MARA
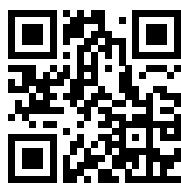
Postgraduate Studies Programmes @FSPU

// Enquiries Administration :

// Head of Postgraduate Studies
Assoc. Prof. Sr Dr Nor Rima Muhamad Ariff
Tel : 603-5521 1569
Fax : 603-5544 4353
Email : norri550@uitm.edu.my

// Executive Officer
Mrs. Siti Khamsiah Abdullah
Tel : 603-5521 1563
Email : sitikhamsiah@uitm.edu.my

// Asst. Officer (Research)
Mrs. Rafidah Wahab
Tel : 603-5521 1565
Email : rafidah4049@uitm.edu.my

// Asst. Officer (Coursework)
Mrs. Nur Elina Mohammad Arbaee
Tel : 603-5521 1566
Email : elina428@uitm.edu.my

Official FSPU website

Centre for
Postgraduate Studies

Faculty of Architecture, Planning & Surveying
Universiti Teknologi MARA
40450 Shah Alam
Selangor Darul Ehsan, Malaysia

Centre for
Postgraduate Studies

Faculty of Architecture, Planning & Surveying
Universiti Teknologi MARA

Generations of Professional Excellence

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Unleashing Potentials Shaping the Future

MASTER OF SCIENCE IN GEOGRAPHICAL INFORMATION SCIENCE

AP720

The Master of Science in Geographical Information Science (MSc GIS) is a one (1) full year programme specifically designed to allow students to achieve a thorough understanding of geographical information concepts and theory as well as an exposure to research and application. This programme is designed for future managers and decision makers of various government sectors or private agencies for mapping, land management, environment, forestry, agriculture, geology, urban and regional planning, security, disaster, business, information technology etc. Graduates of this programme can be fit GIS project managers, application specialists and software developers. Master in GIS is accredited by the Royal Institute of Chartered Surveyor (RICS), UK.

Candidates need to complete a total of 40 credit hours of coursework. The total credit hours include programme core and specialization courses (24 credit hours), research project (10 credit hours) and elective courses (6 credit hours)

Admission and Entry Requirements

   i.   Any Bachelor's degree in Science and Technology as well as the Social Science courses or its equivalent from any recognized institution of higher learning local or abroad with a CGPA of at least 2.50 or Second Class Lower.
   ii. APEL candidate, pass APEL (Aptitude test and Portfolio Assessment). At least five (5) years working experience in relevant fields.
   iii. Candidates without a qualification in the related fields and/or relevant working experience with minimum CGPA based on (i) and (ii) must undergo and pass the prerequisite courses offered by the faculty before enrolling in the program.

Course - *Elective Course (Choose 1 only)

Semester 1
GES710 Frontiers Geographical Information Science
GES711 Managing Geographical Information Science
GES712 Geospatial Database and Management
GES713 Remote Imaging and Processing
GES714 Geospatial Research Methods
GES715 Geopositioning and Data Acquisition*
GES716 Programming for Spatial Science*

Semester 2
GES720 Geospatial Analysis and Modelling
GES721 Geospatial Statistics
GES722 Geospatial Research Project
GES723 Geovisualization
GES724 GIS for Environmental Management*
GES725 Innovation in Geospatial Technology*
ISP751   Advanced Decision Support System*

Mode and Duration of Study:		Programme Coordinator:
Full Time: Min: 1 Year (2 sems) Max: 1 ½ Years (3 sems)	**Part Time:** Min: 2 Years (4 sems) Max: 4 Years (8 sems)	**DR NAFISAH KHALID** Tel: +603-5544 4513 email: nafisahkhalid@uitm.edu.my

MASTER IN REAL ESTATE INVESTMENT
AP755

The programme is modular based and each module comprises a complete study package. The full-time mode runs for one and a half year duration (3 semesters) and consists of thirteen compulsory modules to complete, including two elective courses. Master in Real Estate Investment is accredited by the Royal Institute of Chartered Surveyor (RICS), UK.

Candidates need to complete a total of 45 credit hours of coursework. The total credit hours include program core and specialization courses (33 credit hours), dissertation (6 credit hours) and elective courses (6 credit hours)

Admission and Entry Requirements

i. A Bachelor's Degree (Hons) in Estate Management/Valuation/ Land Economy or relevant field from UiTM or any other Institutions of Higher Learning recognised by the Senate of UiTM with minimum CGPA of 2.75; or
ii. Other qualifications equivalent to a Bachelor's Degree (Hons.) recognised by the Senate of UiTM with minimum CGPA of 2.75 and at least one (1) year relevant working experience in a related field.
iii. A Bachelor's Degree (Hons) in Estate Management/Valuation/Land Economy or relevant field from UiTM or any other Institutions of Higher Learning recognised by the Senate of UiTM with minimum CGPA of 2.50 with at least seven (7) years working experience in related field of real estate; or
iv. A Bachelor's Degree (Hons) in any relevant field or other qualification equal to Bachelor's Degree (Hons) recognized by the Senate of UiTM with minimum CGPA of 2.50 with at least seven (7) years working experience in in related field
v. Passed APEL (Aptitude test and Portfolio Assessment); and at least five (5) years work experiences in relevant fields;
vi. Candidates without a qualification in the related fields and/or relevant working experience with minimum based on (i), (ii), (iii) & (iv) must undergo and pass the prerequisite courses offered by the faculty before enrolling in the program

Course - *Elective Course (Choose 1 only)

Semester 1
EMS712	Real Estate Investment Analysis
EMS715	Real Estate Big Data Analytics
EMS717	Real Estate Economics
EMS719	Real Estate Market and Policies

Semester 2
EMS731	Real Estate Assets Management
EMS732	Real Estate Finance
CPA763	Research Methodology
EMS736	Real Estate Portfolio Management
EMS738	Digital Technology in Real Estate*
EMS739	International Real Estate*

Semester 3
EMS770	Dissertation
EMS777	Real Estate Development Appraisal and Simulation
EMS775	Sustainable Real Estate
EMS778	People Management in Real Estate*
FMM704	Strategic and Risk Management*

Mode and Duration of Study:
Full Time:
Min : 1 1/2 Years (3 Sems)
Max : 2 Years (4 Sems)

Part Time:
Min : 2 Years (4 Sems)
Max : 4 Years (8 Sems)

Programme Coordinator:
SR DR HAFISZAH ISMAIL
Tel : 603-5544 4301
Email : hafiszah@uitm.edu.my

MASTER OF SCIENCE IN URBAN DEVELOPMENT AND MANAGEMENT
AP771

The Urban Development and Management Programme is introduced
- to strengthen the knowledge on challenges of urban development and management faced by city managers
- to develop the academic and professional skills of the individual through related disciplines, principles, concept and other relevant courses

Master of Science Urban Development and Management is accredited by the Royal Institute of Chartered Surveyor (RICS), UK and is offered both full time and part time mode. Candidates need to complete a total of 40 credit hours of coursework. The total credit hours include program core and specialization courses (31credit hours), research project (6 credit hours) and elective course (3 credit hours).

Admission and Entry Requirements

i. Bachelor's degree (Hons.) in Science and Technology from any recognised Institution of Higher Learning local or abroad with a CGPA at least 3.00

ii. Bachelor's degree (Hons.) in Science and Technology or the Social Science Programme or its equivalent from any recognised Institution of Higher Learning local or abroad with a CGPA at least 3.00; or

iii. Graduate from Built Environment with minimum CGPA 2.50;

iv. Graduate from Built Environment with minimum CGPA 2.50; or CGPA 2.00 with five (5) years working experience in the Built Environment Field

v. Candidates without a qualification in the related fields and/or relevant working experience with minimum CGPA based on (i), (ii), (iii) and (iv) must undergo and pass the prerequisite courses offered by the faculty before enrolling in the program

Course - *Elective Course (Choose 1 only)

Semester 1
UDM 720	Urban Development Project
UDM 711	Urban Development Theory
UDM 722	Urban Governance and Finance
UDM 723	Decision Making Methods and Analysis
UDM 724	Urban Environment
CPA 763	Research Methodology

Semester 2
UDM 725	Urban Housing
UDM 761	Urban Social Dynamics
UDM 762	Environmental Risk Management
UDM 763	Urban Conservation and Management
UDM 754	Dissertation
UDM727	Urban Transportation*
CPA724	Financial Management *

Mode and Duration of Study:
Full Time:
Min : 1 Year(2 Semesters)
Max : 1 1/2 Years (3 Semesters)

Part Time:
Min : 2 Years (4 Semesters)
Max : 4 Years (8 Semesters)

Programme Coordinator:
TPR DR. SITI MAZWIN BT. KAMARUDDIN
Tel : 03-32586154/ 03-55211563
Email : sitim065@uitm.edu.my

MASTER OF ARCHITECTURE
AP773

The Master of Architecture is a two (2) year full-time taught programme. The acquisition and advancement of knowledge is through studio-based learning, based on critique sessions, seminars and one-to-one tutorials, combined with and classroom-based course. The programme is accredited by the Boards of Architect Malaysia (LAM) and the Royal British Institute of British Architects (RIBA) with exemptions from Professional Exam part II. This programme is equivalent to architecture programmes offered in the United Kingdom and Australia.

Candidates need to complete a total of 62 credit hours of coursework. The total credit hours include program core and specialization courses (59 credit hours), and an elective course (3 credit hours).

Admission and Entry Requirements

i. A Bachelor of Science (Architecture) from UiTM with at least 3.00 CGPA and had obtained a minimum grade of 2.67 for design course at the final semester, and with a minimum of six (6) months working experience in an architectural organisation; or

ii. A Bachelor of Science (Architecture) from UiTM with a minimum of one (1) year working experience in an architectural organisation; or

iii. A Degree in Architecture Studies from recognized institutions of Higher Learning, with exemptions from LAM Part 1 and with academic achievement of at least 3.00 CGPA and a minimum grade 2.67 for design course at the final semester and at least one (1) year working experience in an architectural organisation.

Course - *Elective Course (Choose 1 only)

Semester 1

AAA700	Advanced Design I
AAA702	Architectural Philosophy
AAA704	Sustainable Environment
AAA725	Advanced Digital Architecture
AAA726	Planning Principles & Practices

Semester 2

AAA750	Advanced Design II
AAA771	Advanced Construction Technology
AAA754	Integrated Building Services
AAA755	Architectural Research

Semester 3

AAA820	Design Thesis I
AAA805	Dissertation
AAA806	Building Economics

Semester 4

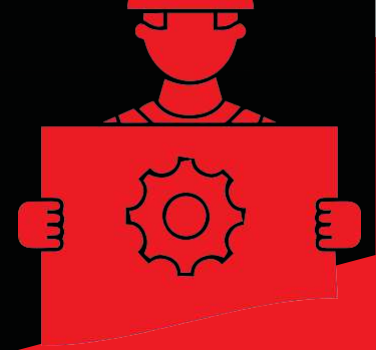|	
AAA880	Design Thesis II
AAA886	Construction Project Management
WHC711	Architecture and Historic Building Technology*
CPA733	Financial Management*
EMS775	Sustainable Real Estate*
FMM704	Strategic and Risk Management*
UDM763	Urban Conservation and Management*

MASTER OF SCIENCE IN INTEGRATED CONSTRUCTION PROJECT MANAGEMENT
AP776

The Master of Science Integrated Construction Project Management has been designed for all associated disciplines in construction namely Architecture, Building & Building Surveying, Civil Engineering, Facilities Management, Landscape Architecture, Town and Regional Planning, Quantity Surveying, Interior Design, and many others who are in preparation for senior positions in project-based organizations, or to enable technical managers to improve their project management skills as well as gain a broad functional and strategic perspective on general management. This program is accredited by the Royal Institute of Chartered Surveyor (RICS), UK.

Candidates need to complete a total of 45 credit hours of coursework. The total credit hours include program core and specialization courses (33 credit hours), research project (9 credit hours) and cross programme course (3 credit hours)

Admission and Entry Requirements

i. A Bachelor's Degree (Hons) from FSPU, UITM with minimum CGPA of 2.75; or
ii. A Bachelor's Degree (Hons) from UITM or any higher learning institution recognized by the Senate of UiTM with minimum of 1 year working experience in related field; or
iii. Other qualification equal to Bachelor's Degree (Hons) with minimum of 1 year working experience in related field
iv. A Bachelor's Degree (Hons) in any relevant field or other qualification equal to Bachelor's Degree (Hons) recognized by the Senate of UiTM with minimum CGPA of 2.50 with at least seven (7) years working experience in in related field
v. Pass APEL (Aptitude test and Portfolio Assessment); and at least five (5) years work experiences in relevant fields; and
vi. Candidates without a qualification in the related fields and/or relevant working experience with minimum based on I) to V) must undergo and pass the prerequisite courses offered by the faculty before enrolling in the program

Course - *Cross programme course

Semester 1	CPA703	Construction Management
	CPA713	Contract Management
	CPA723	Facility Management and Sustainable Development
	EMS715	Real Estate Big Data Analytics*
	CPA733	Financial Management
Semester 2	CPA743	Project Planning
	CPA753	Managing People
	CPA744	International Construction
	CPA735	Integrated Simulation Project
	CPA763	Research Methodology
Semester 3	CPA773	Technology Advancement in Construction
	CPA776	Dissertation
	CPA783	Organisational And Strategic Management

Mode and Duration of Study:	Part Time:	Programme Coordinator:
Full Time:	Min : 2 Years (4 Sem)	**IR TS DR RUMAIZAH MOHD NORDIN**
Min : 1 1/2Years (3 Sem)	Max : 4 Years (8 Sem)	Tel : 603-5521 1569
Max : 2 Years (4 Sem)		Email : **drrumaizah@uitm.edu.my**

MASTER OF SCIENCE IN HERITAGE AND CONSERVATION MANAGEMENT
AP777

The Master of Sciences in Heritage and Conservation Management is a three-semester academic degree. This programme started in 2006. The program curriculum is designed directly to reflect the heritage and conservation practice in Malaysia. You will acquire sufficient knowledge in all basic fields of conservation and management of heritage site.

Candidates need to complete a total of 40 credit hours of coursework. The total credit hours include program core and specialization courses (31 credit hours), research project (6 credit hours) and elective courses (3 credit hours).

Admission and Entry Requirements

i. A Bachelor's degree (Hons.) in Built Environment or relevant field from UiTM or any Institution of Higher Learning recognised by the Senate of UiTM with minimum CGPA of 2.75; or
ii. A Bachelor's Degree (Hons.) from UiTM or any Institutions of Higher Learning recognized by the UiTM Senate with CGPA 2.75 with at least one year work experience; or
iii. Candidates with Bachelor Degree (Hons.) with three (3) years working experience, a minimum of CGPA 2.50 with at least three (3) years work experience in relevant field.
iv. APEL candidate, pass APEL (Aptitude test and Portfolio Assessment). At least five (5) years experiences in relevant field
v. Candidates without a qualification in the related fields and/or relevant working experience with minimum CGPA based on (i), (ii), (iii) and (iv) must undergo and pass the prerequisite courses offered by the faculty before enrolling in the program.

Course - *Elective Course (choose 1 only)

Semester 1	WHC711	Architecture and Historic Building Technology
	WHC712	Conservation Method and Practice
	WHC713	Management and Conservation of World Heritage Site
	WHC714	Conservation of Natural Landscape
Semester 2	WHC721	Visualization of Historic Building
	WHC722	Cultural Heritage Tourism
	CPA763	Research Methodology
	WHC723	Economic of Heritage and Conservation*
	WHC724	Management and Ethics*
	FMM704	Strategic and Risk Management*
Semester 3	WHC731	Integrated Conservation Project
	WHC732	Dissertation

Mode and Duration of Study:
Full Time:
Min : 1 1/2 Years (3 Sem)
Max : 2 Years (4 Sem)

Part Time:
Min : 2 Years (4 Sem)
Max : 4 Years (8 Sem)

Programme Coordinator:
ASSOC.PROF. TS DR SITI NORLIZAIHA HARUN
Tel : 603-55211501
Email : sitin009@uitm.edu.my

MASTER OF SCIENCE IN URBAN SPACE DESIGN
AP778

The urban space design is a unique, interdisciplinary program combining aspects of town planning, landscape and architecture. It is an advanced study that focused on the issues and design of urban spaces linking to human behaviour and settlement.

Candidates need to complete a total of 40 credit hours of coursework. The total credit hours include program core and specialization courses (25 credit hours), research project (9 credit hours) and elective courses (6 credit hours)

Admission and Entry Requirements

i.   Bachelor's degree (Hons.) in Built Environment or relevant field from UiTM or any Institution of Higher Learning recognised by the Senate of UiTM with minimum CGPA of 2.75; or
ii. Other qualifications equivalent to a Bachelor's degree (Hons.) recognised by the Senate of UiTM with minimum CGPA of 2.50 and at least one (1) year relevant working experience in related field, or
iii. CGPA 2.0 with more than five (5) years of relevant working experience in the built environment field.
     or
iv. Candidates without a qualification in the related fields and/or relevant working experience with minimum CGPA based on (i), (ii), and (iii) must undergo and pass the prerequisite courses offered by the faculty before enrolling in the program.

Course - * Elective Course (choose 1 only)

Semester 1	USD710	Theory of Urban Space I
	USD711	Urban Space Design Project
	USD712	Urban Principle and Practice
	USD713	Principle and Planning of Islamic Cities*
	USD715	Urban Infrastructure*
	USD716	Urban Conservation and Management*
Semester 2	USD720	Theory of Urban Space II
	USD721	Urbanscape Design
	USD722	Development Control
	USD723	Urban Neighbourhood*
	USD724	Urban Transport Design*
	USD726	Properties Development*
Semester 3	USD 730	Design Dissertation
	USD 731	Urban Governance

Mode and Duration Study:
Full Time:
Min : 1 1/2Years (3 Sem)
Max : 2 Years (4 Sem)

Part Time:
Min : 2 Years (4 Sem)
Max : 4 Years (8 Sem)

Programme Coordinator:
DR NA'ASAH NASRUDIN
Tel   : +603 5521 1670
Email : naasa717@uitm.edu.my

MASTER OF SCIENCE IN FACILITIES MANAGEMENT
AP779

Master of Science in Facilities Management program offers a comprehensive core discipline within the field, ensuring the students obtain the necessary skills and knowledge to develop and execute the strategic, tactical and operational mission of corporate Facilities Management. This program consists of diverse fields with the innovative series of courses focusing on Facilities Management profession that requires proper functioning of built environment by integrating people, places, processes and technologies in order to support the organizational strategic objectives. The program is designed for all associated disciplines in built environment especially for those working in the Facilities Management and/or property profession. Competence individuals who wish to enter the career in Facilities Management are also welcomed. Programme is also accredited by the Royal Institute of Chartered Surveyor (RICS), UK.

Candidates need to complete a total of 45 credit hours of coursework. The total credit hours include program core and specialization courses (36 credit hours), research project (6 credit hours) and elective courses (3 credit hours).

Admission and Entry Requirements

i. A Bachelor's Degree (Hons) in Built Environment or related discipline from UiTM/Institutions of Higher Learning recognized by the Senate of UiTM with minimum CGPA of 2.75; or

ii. A Bachelor's Degree (Hons) in any relevant field recognized by the Senate of UiTM with minimum CGPA of 2.75; or

iii. A Bachelor's Degree (Hons) in any relevant field recognized by the Senate of UiTM with minimum CGPA of 2.5 with at least three (3) years relevant working experience in Facilities Management or related field; or

iv. A Bachelor's Degree (Hons) in any relevant field recognized by the Senate of UiTM with minimum CGPA of 2.3 with at least seven (7) years relevant working experience in Facilities Management or related field; or

v. Accreditation of Prior Experiential Learning (APEL) with at least five (5) years working experience in Facilities Management or related field.

vi. Candidates without a qualification in the related fields and/or relevant working experience with minimum CGPA based on (i), (ii), (iii) and (iv) must undergo and pass the prerequisite courses offered by the faculty before enrolling in the program.

Course - * Elective Course (choose 1 only)

Semester 1	FMM701	Facilities Management Framework
	FMM702	Budgetary Control and Financial Management
	FMM703	Sustainable Facilities Management
Semester 2	FMM704	Strategic and Risk Management
	FMM705	Facilities Maintenance Management and Refurbishment
	FMM706	Integrated Simulation Facilities Management Project I
	CPA763	Research Methodology
Semester 3	FMM707	Organizational Behaviour in Facilities Management*
	FMM708	Digital Facilities Management
	FMM709	Integrated Simulation Facilities Management Project II
	FMM710	Dissertation
	EMS715	Real Estate Big Data Analytics*

Mode and Duration of Study:

Full Time:
Min : 1 1/2Years (3 Sem)
Max : 2 Years (4 Sem)
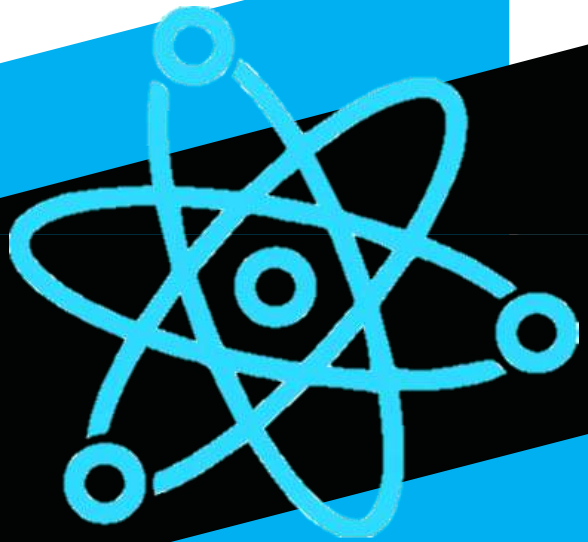
Part Time:
Min : 2 Years (4 Sem)
Max : 4 Years (8 Sem)

Programme Coordinator:
DR. IZATUL LAILI BINTI JABAR
Tel : +603 5521 1569
Email : izatul_laili@uitm.edu.my

MASTER OF SCIENCE
(BUILT ENVIRONMENT)
AP781

Admission and Entry Requirements

i. A Bachelor's Degree (Hons.) in Built Environment or relevant field from UiTM or any Institution of Higher Learning recognised by the Senate of UiTM with minimum CGPA of 2.75; or

ii. A bachelor's degree in the field or related fields or equivalent with a minimum CGPA of 2.50 and not meeting CGPA of 2.75, can be accepted subject to rigorous internal assessment; or

iii. A bachelor's degree in the field or related fields or equivalent with minimum CGPA of 2.00 and not meeting CGPA of 2.50, can be accepted subject to a minimum of 5 years working experience in the relevant field and rigorous internal assessment.

iv. Candidates without a qualification in the related fields or relevant working experience must undergo appropriate prerequisite courses determined by UiTM and meet the minimum CGPA based on (i) to (iii).

Areas of Specialisation (not limited to):

Architectural Studies, Advanced Technologies in the Built Environment, Building Performance, Building Surveying, Building & Environmental Science, Construction & Project Management, Construction Technology & Maintenance, Construction Health & Safety, Construction Procurement & Delivery System, Construction Economics & Contracts, Education in the Built Environment, Facilities Management, Geographical Information Science, Geospatial Science , Global Positioning System, Housing, Community, People & Planning, Heritage and Conservation, Interior Architecture, Landscape Architecture & Management, Property Management, Procurement & Supply Chain, Parks & Amenity Management, Real Estate & Valuation, Sustainability in the Built Environment, Town & Regional Planning, Urban Studies, Value Management, Information Technology in Construction Industry, and etc.

Mode and Duration of Study:
Full Time:
Min : 1 Year (2 Sem)
Max : 4 Years (8 Sem)

Part Time:
Min : 1 Years (2 Sem)
Max : 4 Years (8 Sem)

Programme Coordinator:
DR FARRAH ZUHAIRA ISMAIL Tel
: 603-5521 1568
Email : **farrah@uitm.edu.my**

DOCTOR OF PHILOSOPHY
(BUILT ENVIRONMENT)
AP991

Admission and Entry Requirements

i. A Master's Degree in relevant field from UiTM or any institution of Higher Learning recognised by the Senate of UiTM; or

ii. Other qualifications equivalent to a Master's Degree in relevant field with relevant working experience in a related field.

iii. Other requirements stipulated by the University

iv. Candidates without a related qualification in the field/s or working experience in the relevant field must undergo appropriate prerequisite courses determined by UiTM

Fast-Track Entry Requirements (from Bachelor to PhD)

• A first class honours of Bachelor Degree or equivalent in related field from UiTM;
  Or
• Achieved at least 3.67 of Cumulative Grade Point Average (CGPA) or equivalent; from an academic programme or Technical programme and Vocational Education and Training (TVET) from any Higher Learning Institutions recognised by the Senate of UiTM;
  And
• Passed an interview session; and
• Passed a Research Proposal Presentation

The candidate is required to submit a research proposal in a specific area of study, together with documentation as stipulated in the application form by the Institute of Graduate Studies (IGS), UiTM. If necessary, the candidate will be called for an interview session.

Areas of Specialisation (not limited to):

Architectural Studies, Advanced Technologies in the Built Environment, Building Performance, Building Surveying, Building & Environmental Science, Construction & Project Management, Construction Technology & Maintenance, Construction Health & Safety, Construction Procurement & Delivery System, Construction Economics & Contracts, Education in the Built Environment, Facilities Management, Geographical Information Science, Geospatial Science , Global Positioning System, Housing, Community, People & Planning, Heritage and Conservation, Interior Architecture, Landscape Architecture & Management, Property Management, Procurement & Supply Chain, Parks & Amenity Management, Real Estate & Valuation, Sustainability in the Built Environment, Town & Regional Planning, Urban Studies, Value Management, Information Technology in Construction Industry, and etc.

Mode and Duration of Study:
Full Time:
Min : 2 ½ Years (5 Sem)
Max : 7 Years (14 Sem)

Part Time:
Min : 2 ½ Years (5 Sem)
Max : 7 Years (14 Sem)

Programme Coordinator:
DR FARRAH ZUHAIRA ISMAIL
Tel   : 603-5521 1568
Email   : farrah@uitm.edu.my