HBP Booklet 2024/25
Undergraduate Programme

UNIVERSITI SAINS MALAYSIA

APEX™

SCHOOL OF HOUSING, BUILDING AND PLANNING
UNIVERSITI SAINS MALAYSIA

Construction Project Management

School of Housing,Building,&Planning

CPM 2028
QS 2027
IA 2028
Archi 2027
BEsT 2028
BS 2028
URP 2028

QS WORLD UNIVERSITY RANKINGS 2022 by subject
ARCHITECTURE / BUILT ENVIRONMENT
TOP 100

hbp.usm.my

Student Information	
Student Name:	
Matrix No.:	
Contact No.:	
Email Address:	
Academic Advisor Name:	

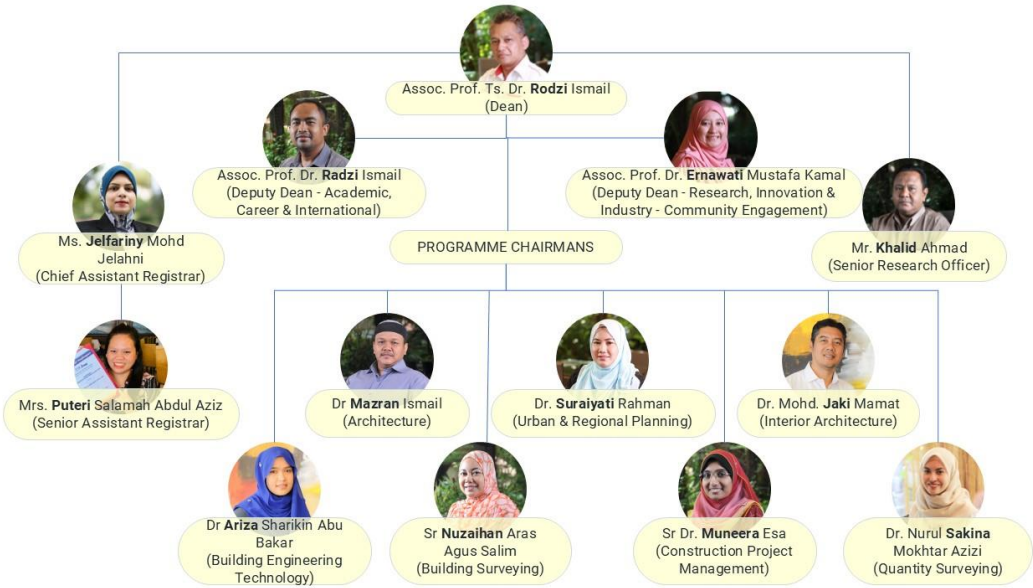
Bachelor of Science in Construction Project Management with Honours

Editors
Assoc. Prof. Dr. Radzi Ismail
Sr Dr. Muneera Esa
Dr. Muhammad Hafeez Abdul Nasir

Advisors
Assoc. Prof. Ts. Dr. Mohd Rodzi Ismail
Prof. Dato' Gs. Dr. Narimah Samat (TNCAA)

Sponsor
Bahagian Akademik dan Antarabangsa USM (BAA)

School of Housing, Building and Planning (HBP) Organisation Chart, 2022 – 2024



Academic Staff

Ernawati Mustafa Kamal (Assoc. Prof. Dr.)
E49 Room 118
+604 - 653 2818
ernamustafa@usm.my

Radzi Ismail (Assoc. Prof. Dr.)
E08B Room 011
+604 - 653 2695
radzi@usm.my

Muneera Esa (Sr Dr.)
E40 Room 118
+604 - 653 3970
muneera_esa@usm.my

Arman Bin Abdul Razak (Ts.)
E08C Room 205
+604 - 653 3457
arm_raz@usm.my

Mohd Wira Mohd Shafiei (Assoc. Prof. Dr.)
E49 Room 103
+604 - 653 2828
wira@usm.my

Khoo Terh Jing (Ts. Dr.)
E40 Room 115
+604 – 653 2752
terhjing@usm.my

Atasya Osmadi (Sr Dr.)
E49 Room 101
+6012 – 444 1799
a.osmadi@usm.my

Salman Riazi Mehdi Riazi (Dr.)
E49 Room 207
+6017 - 533 1085
salman.riazi@usm.my

Zul Zakiyuddin Ahmad Rashid (Dr.)
E08C Room 102
+604 - 653 3185
zulzaki@usm.my

School of Housing, Building & Planning

Envisioned and crafted in 1972 as a holistic school entrusted with nation building and national development, the School of Housing, Building and Planning (HBP), Universiti Sains Malaysia (USM) opened its doors to the first batch of enrolled students in 1973. 50 years on, HBP has matured into a multi-disciplinary built environment institution that seamlessly entwines 7 fields of study into one comprehensive learning and teaching experience that is strong in fundamentals but mercurial in adapting to change, innovation and dynamism. The school has made tremendous progress in teaching, research, consultancy and publication.

Currently, there are seven undergraduate programmes offered by the school. They are recognized by the respective professional bodies such as the Board of Town Planners Malaysia (LPBM), Board of Architects Malaysia (LAM), Board of Quantity Surveyors Malaysia (BQSM), Royal Institution of Chartered Surveyors (RICS), Royal Institution of Surveyors Malaysia (RISM), and Chartered Institute of Building (CIOB).

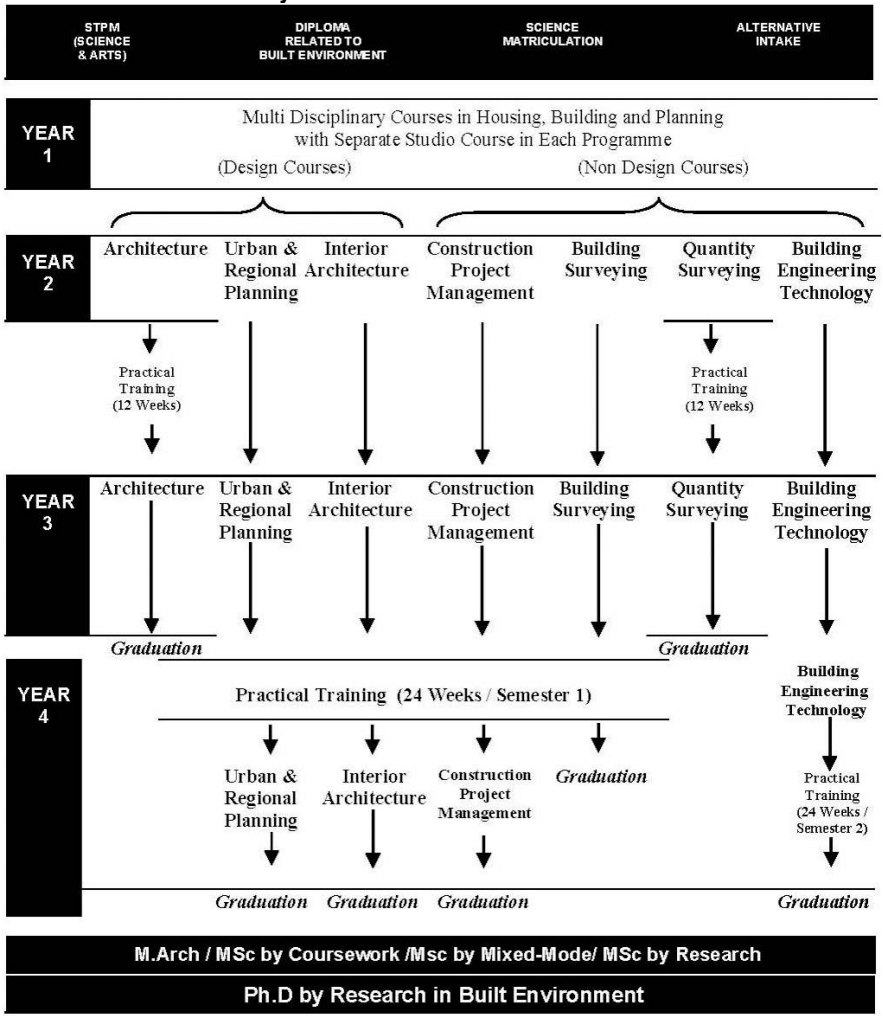
Vision

'Championing a sustainable future through comprehensive education and embracing a global perspective'

Mission

HBP as a prominent institution in the field of built environment education, cultivating transdisciplinary interconnectivity and committed to championing sustainability.

Study Path at The School of HBP

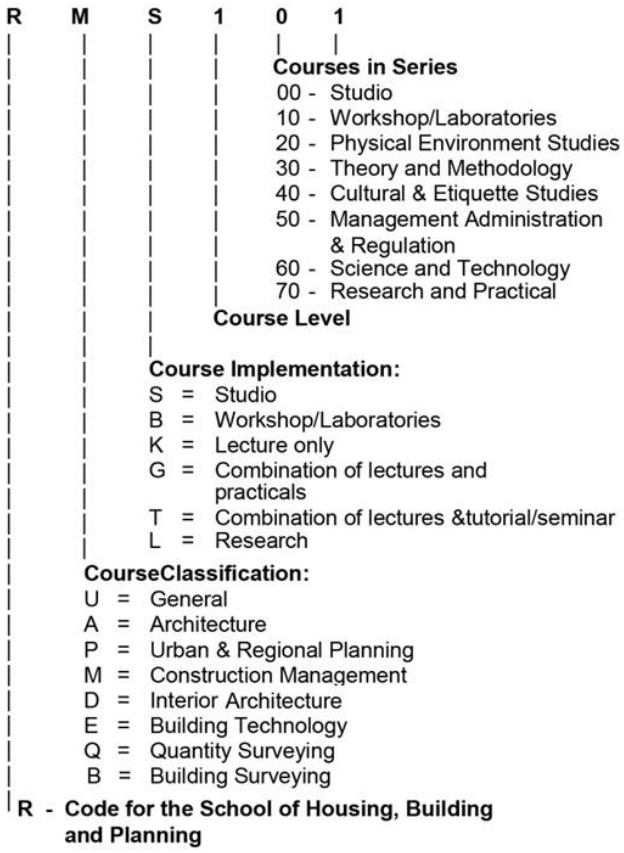


Programme Structure/Curriculum

The School of Housing, Building and Planning (HBP) offers a curriculum that is unique amongst programmes of advanced education dealing with the built environment. Whereas curricula in Architecture, Interior Architecture, Building Surveying, Urban & Regional Planning, Construction Project Management, Building Engineering Technology or Quantity Surveying are generally based upon a professional training in one of these disciplines. The School eschews professional specialism in favour of a broadly based education cutting across both professional and disciplinary boundaries. As such, it is more correct to describe the broad focus of education at the School as a field of knowledge and skills, rather than the more narrowly focused concept of a single discipline. The students of HBP at the main campus in USM Penang and Offshore Programme campus therefore draw upon many different disciplines during the course of their studies, in so far as they are all relevant to the activities of Housing, Building and Planning.

These theoretical and practical components are grouped in the curriculum according to the following categories:

1.Courses in theory and methodology
2.Studio projects
3.Laboratory projects
4.Practical training
5.Research



2.0 School Requirements (Academic)

2.1 Courses

The requirements for students to at the School of HBP are summarised as follows:

(A) Core Courses

These courses are mandatory for all students and they have to obtain a pass. These courses contain the fundamental topics of the School's curriculum and are coded 'T'.

(B) Elective Courses

Elective courses are alternative courses offered by the School. Students who have chosen to major in one of the programmes, are required to take certain related electives that are classified as priority. When this requirement is satisfied, the student may register for any other electives of their own choice. Code to be used is 'E'.

(C) Practical Training Course

B.Sc. (Honours) (Construction Project Management) students are required to undergo Practical Training for a period of 6 months in their fourth year. Practical training carries 12 units.

2.2 Unit Requirements

Unit requirement for graduation is as follows:-
Bachelor of Science (Honours) (Construction Project Management) (4 years)

B.Sc. (Hons) (CPM) Programme	Units
Core Courses	72
Elective Courses	36
University Courses	21
Total	129

Course Duration

Bachelor of Science in Construction Project Management with Honours (4 years)

B.Sc. in CPM with Honours	
Period	**B.Sc. in CPM with Honours**
Minimum semesters	8 sem (4 years)
Maximum semesters	14 sem (7 years)

For Core and Elective Courses:

- Grade F (Fail) will be required to repeat the course.
- Grade D- and above is considered as a passing grade (Pass)

For Studio Courses under the Core Courses:

- Grade of C and above is considered as a passing grade. Students obtaining grade C- and below will be required to repeat the course.

Repeat Courses:

- Students awarded with a grade 'C-' and below for a particular course may be given a chance to improve their grades by repeating the course during the KSCP or normal semester. Students awarded with a grade 'C' and above for a particular course will not be allowed to repeat the course whether during KSCP or normal semester.

2.3 Studio Courses

Studio courses are **mandatory** for all students to pass, i.e. with achievements of Grade C and above. Students obtaining Grade C- and below will be required to repeat the course.

For Architecture Studio Courses, the passing grade is B-. Architecture students obtaining C+ and below need to repeat and pass the course before they can proceed with the upper studio.

CONSTRUCTION PROJECT MANAGEMENT (30 Units)

Code	Title
RMS101/5	Fundamentals of Construction Project Management Studio
RMS102/5	Construction Project Management Competency Studio
RMS 203/5	Pre-Construction Studio
RMS 204/5	Construction Studio
RMS 305/5	Facilities Operations and Maintenance Management Studio
RMS 306/5	Contemporary Issues in Construction Project Management Studio

3.0 Information on Course Code

Each course has a course code, which is made up of 3 alphabets and 3 numbers, as follows:-

R M S 1 0 1

Courses in Series
- 00 - Studio
- 10 - Workshop/Laboratories
- 20 - Physical Environment Studies
- 30 - Theory and Methodology
- 40 - Cultural & Etiquette Studies
- 50 - Management Administration & Regulation
- 60 - Science and Technology
- 70 - Research and Practical

Course Level

Course Implementation:
- S = Studio
- B = Workshop/Laboratories
- K = Lecture only
- G = Combination of lectures and practicals
- T = Combination of lectures &tutorial/seminar
- L = Research

Course Classification:
- U = General
- A = Architecture
- P = Urban & Regional Planning
- M = Construction Project Management
- D = Interior Architecture
- E = Building Engineering Technology
- Q = Quantity Surveying
- B = Building Surveying

R - Code for the School of Housing, Building and Planning

4.0 List of Courses

A. Core Courses (72 Units)

Code and Title			Unit	Semester	Year	TICK ✓
RMS 101	-	Fundamentals of Construction Project Management Studio	5	1	1	
RMK 155	-	Fundamentals of Construction Law	3	1	1	
RMK 156	-	Health, Safety and Environmental Management	3	1	1	
RMK 153	-	Principles of Construction Economics	3	1	1	
RAG 161	-	Building Construction I	3	1	1	
RMS 102	-	Construction Project Management Competency Studio	5	2	1	
RMK 252	-	Principles of Project Management	3	2	1	
RMG 131	-	Digital Practices in Construction	3	2	1	
RMK 233	-	Measurement of Building Works	3	2	1	
RMS 203	-	Pre-Construction Studio	5	1	2	
RMK 262	-	Fundamentals of Construction Business and Accounting	3	1	2	
RMS 204	-	Construction Studio	5	2	2	
RMS 305	-	Facilities Operations and Maintenance Management Studio	5	1	3	
RMS 306	-	Contemporary Issues in Construction Project Management Studio	5	2	3	
RUL 474	-	Compulsory Practical Training	12	1	4	
RML 470	-	Construction Project Management Research Project	6	2	4	

B. Elective Courses (36 Units)

Code and Title		Project Dev.	Construction	Operation & Maintenance	Unit	Sem	Yr
REG 261	Building Services	*	*	*	3	2	1
RMK 234	Building Cost Estimation and Pricing	*	*	*	3	1	2
RMK 363	Construction Economics	*	*	*	3	1	2
RAG 132	Introduction to Built Environment and Human Settlement	*			3	1	2
REG 132	Structural Mechanic		*	*	3	1	2
RMK 255	Law and Practice of Construction Project Management 1	*	*	*	3	2	2
RMK 264	Construction and Financial Management		*	*	3	2	2
RAG 265	Building Construction 2		*	*	3	2	2
REG 233	Geomatic Technology	*	*		3	1	3
REG 265	Infrastructure Technology	*	*		3	1	3
RAK 345	Housing Studies	*			3	2	3
RMK 336	Valuation	*		*	3	1	3
RMK 353	Property Management	*		*	3	2	2
RQG 355	Management, Sustainability and Internationalisation	*	*	*	3	2	4
REG 361	Methods of Construction	*	*	*	3	1	3
REG 360	Industrialised Building System (IBS)	*	*		3	2	3
REG 468	Road and Transportation		*	*	3	1	3
RMK 358	Advance Practices in Construction Project*		*		3	2	3
RMK 357	Land Administration	*			3	2	2
RMK 455	Law and Practice of Construction Project Management 2	*	*	*	3	2	4
RBG 351	Building Maintenance			*	3	1	3

5.0 Course Synopsis

5.1 Common Practical Training

RUL 474 – Compulsory Practical Training

This course emphasizes on compulsory practical training to students on matter related to practicing professional in related fields.

Learning Outcomes

At the end of the course students will be able to:

(i) Complete tasks assigned by a firm or organization in a professional manner
(ii) Display the ability to solve problems based on industrial requirements
(iii) Solve relevant design issues via teamwork

6.2 Courses in Construction Project Management

RMS 101 – Fundamentals of Construction Project Management Studio

This course emphasizes on construction project life cycle and overall physical development processes. It entails development processes and the major players or stakeholders, concept of development appraisal and feasibility including evaluation of land suitable for development, property market, development cost, infrastructural needs, engineering and building services.

Learning outcomes:

At the end of the course, students will be able to:

(i) Describe the life cycle of construction projects and the processes of physical development.
(ii) Describes in detail the concept of physical development and evaluation of alternative solutions.
(iv) Identify appropriate methods for physical development and the appropriateness of ideas towards the preparation of planning to coincide with the needs of the project.
(iv) Reporting the findings in groups suitable physical development of the proposed location.

RMS 102 – Construction Project Management Competency Studio

This course emphasizes the practice of project management competencies that are applied in the development of physical projects. Three main areas of knowledge in construction project management competencies are highlighted, namely technical, general management and psycho-social knowledge areas. In the area of technical knowledge, the concepts of scope management, contractual and legal administration, as well as management of resources in managing projects/physical development are introduced to the students. Within the knowledge area of general management, concepts based on risk management, quality management and productivity are introduced and discussed. Finally, concepts such as stewardship, group and teamwork, as well as ethics and professionalism within the context of psycho-social knowledge areas will be applied via the teaching and learning activities of the course. The deliverables of the physco-social context are achieved through the implementation of project management competency practices learned by students in contributing towards society via execution of programs involving the Bottom Billion strata of society. These Bottom Billion associated programs will be a meaningful experience for the students in managing actual construction projects that may be more complex in the future without neglecting the needs and demands of marginalized groups within society.

Learning outcomes:

At the end of the course, students will be able to:

(i) Identify the basic competencies and the professional management of construction projects needed in the management of physical development. Explain the basic requirements of

construction project management from technical perspective, general management and psycho-social aspect.

(ii) Implement appropriate physical development and meet the requirements, carried out in groups.

RMK 153 – Principles of Construction Economics

This course emphasizes on market structure,supply and demand in marketing building industry. It introduces the economic concepts; main economic problems; demand, supply and market equilibrium; economic structure; cost and production are also being discussed.

Learning Outcomes:

At the end of the course students will be able to:

(i) Demonstrate the ability to relate economic principles to the construction industry market .

(ii) Reproduce economic development models based on current situations .

(iii) Study the problems within the construction industry based on the volatility of the economy system.

(iv) Report the findings on the relationship between economy and the construction industry.

RMK 156 – Health, Safety and Environmental Management

This course encompasses the identification and control of hazards and management supervision of health, safety and environment in workplace, with an emphasis on the construction industry.

Learning outcomes:

At the end of the course, students will be able to:

(i) Explain the basic concepts of management of health, safety and the environment within organization.

(ii) Explain relevant acts applicable in health, safety and the environmental management.

(iii) Identify risks at construction sites and methods of controlling the risks.

RMS 203 – Pre-Construction Studio

This course is an extension to the construction project management competency studio. The students are introduced to construction estimating techniques, the principles of cost estimating and cost administration. The costing techniques have two approaches: the first, emphasises on the preparation of measurement of quantities as practically executed by any quantity surveyor and the second, where students would assume the role of a construction contractor as they need to competitively price the previously prepared tender documents. This course is tailored to encourage both individual and group work ethics.

Learning Outcomes

At the end of the course students will be able to:

(i) Explain the main content and additions involved in the tender document

(ii) Produce measurement and bill of quantities for construction work of a building

(iii) Prepare a tender document appropriate to the project

(iv) Generate cost estimates using quantity bills in tender documents in groups.

RMS 204 – Construction Studio

This course is designed for students to apply their knowledge in various aspects of construction project management based on real life case studies from the industry. This covers the legal aspects, tender processes, site management, and the application of construction management software.

Learning Outcomes

At the end of the course students will be able to:

(i) Explore the concepts and techniques of managing construction projects

(ii) Carry out project bids and evaluate tenders in groups

(iii) Explain construction law in managing projects and sites and implement ethical values and professionalism

(iv) Demonstrate skills in using appropriate software in project management

RMK 233 – Measurement of Building Works

This course establishes quantity measurement techniques for building and civil engineering works based on the Standards Method of Measurement 2 (SMM2).

Learning Outcomes

At the end of the course students will be able to:

(i) Explain the principles and methods for measuring building-based building quantities
(ii) Clearly distinguish the work areas for each building element
(iii) Perform quantitative measurements on the construction work of a building using Standard Measurement Method 2 (SMM2).

RMK 252 – Principles of Project Management

This course discusses on managing the construction industry encompassing the methods of basic planning, monitoring and controlling use in project management.

Learning Outcomes

At the end of the course students will be able to:

(i) Differentiate the various basic concepts within the aspects of management and organization
(ii) Manipulate the organizational objectives and structure as well as to identify the organizational environment
(iii) Explain the psycho-social aspects of management and organization
(iv) Demonstrate the methods of project management

RMK 255 – Law and Practice of Construction Project Management 1

This course discusses the construction law in Malaysia, the relationship between the parties in construction industry from legal perspective and the application of standard form of contracts.

Learning Outcomes

At the end of the course students will be able to:

(i) Identify legal concepts related to the Construction Industry
(ii) Describes the application of the legal aspects of uniform construction contracts used in Malaysia
(iii) Shows the legal relationship between the parties involved in the construction project
(iv) Describe the ethical practice of law relevant to the construction industry.

RMS 305 – Facilities Operations and Maintenance Management Studio

This studio course instils into students in-depth knowledge on the project delivery phase right through to the operations and management of assets; including the use and maintenance of facilities in a systematic and strategic manner.

Learning Outcomes

At the end of the course students will be able to:

(i) Describes procedures and actions at the stage of project closure and submission.
(ii) Demonstrates cost estimation methods, procedures and project scheduling in the deployment phase.
(iii) Describes management processes and procedures at the operational and maintenance levels.
(iv) To study the level of operational and maintenance management practices practiced by various building teams in a team setting.

RMS 306 – Contemporary Issues in Construction Project Management Studio

This course is designed for students to apply their prior knowledge acquired on the construction industry. It demands the students to be pragmatic, of critical thinking and has scientific skills. The students need to communicate with various parties involved in the construction industry using their social skills, teamwork, their values, work ethics so as to meet the high level of professionalism. Students also need to demonstrate their information management skills,

leadership and entrepreneurship. The ultimate focus is on lifelong learning.

Learning Outcomes
At the end of the course students will be able to:
(i) Implement the practical concepts and techniques of actual construction projects
(ii) Demonstrate an appropriate methodology and determine its appropriateness in managing actual construction projects
(iii) Organise the results of practical project management research studies
(iv) Resolve and report on project issues in groups

RMK 336 – Valuation

This course introduces the students to the basic concept of valuation which covers the concept of value, the economic basis of property valuation, valuation and investment principles and factors affecting property value. Emphasis is given on the five valuation methods and their application to the main types of property and also valuation for legal purposes.

Learning Outcomes
At the end of the course students will be able to:
(i) Distinguish and explain the factors that influence property value based on the different types of properties
(ii) Explain the principles and fundamentals related to the field of valuation
(iii) Demonstrate and explain the use of financial mathematical formulas involved in calculating property values based on specific valuation methods
(iv) Identify and use the appropriate valuation methods according to the different types and purposes of property valuation

RMK 353 – Property Management

This course introduces a diverse range of topics in the property management profession. These include the functions of property management, property market and legislations that influence the profession. Operational aspects like the elements of leasing; acquisition and disposal of property; record keeping and office organisation including the occupant's liabilities and real estate marketing techniques are also introduced. Besides that, the maintenance section offers an impact study of design on future building maintenance, the principle and techniques of its administration and management; maintenance budget; methods of systematic maintenance; maintenance process relating to the various building elements; and innovation in building maintenance management.

Learning Outcomes
At the end of the course students will be able to:
(i) Distinguish the aspects of the property market as well as the components of property management.
(ii) Study and solve problems relating to the property market and management
(iii) Explain and elaborate on the findings of property market and management studies
(iv) Explain the conditions related to property market and management as well as to suggest methods of improvement according to the current needs of the construction scenario

RMG 131 – Digital Practices in Construction

This course helps students to develop an understanding of information and communication technology (ICT), digital modelling, and digital practice in the development projects. It focuses on exploring the use of applications of digital technologies including Building Information Modelling (BIM), virtual reality, building simulation and project document management system. With this course, the student will attain basic knowledge and skills using softwares used by construction project managers and practitioners in the construction industry.

Learning Outcomes:
At the end of the course, students will be able to:

(i) Explain the theories, concepts and functions of various types of information and digital technologies in construction project management
(ii) Identify the techniques and methods of using various software in managing construction projects
(iii) Develop workflow planning, coordination and communication of project project management work activities using appropriate planning

RML 470 – Construction Project Management Research Project

This course puts in place the entire research process which include, preparing research proposals, literature review, conceptual and theoretical frameworks, quantitative and qualitative research methods as well as data analysis techniques to the students. Therefore the students are required to work individually in order to produce a dissertation which will be continuously supervised and subsequently evaluated in a viva voce.

Learning Outcomes

At the end of the course students will be able to:
(i) Synthesis of reading literature review for form the basis of research and framework conceptual or theory.
(ii) Identify critical issues for review and recommendation
(iii) Practice communication smoothly and professionally with respondents to get the data they need to analyze
(iv) Adhere to research ethics at every stage of the process investigation
(v) Perform literature search, collection and analysis data by optimizing the use of technology
(vi) Demonstrate ability to manage time, resources and data in completing research projects.

RMK 363 – Construction Economics

This course encompasses cost estimation, control and management in the design and construction process.

Learning Outcomes

At the end of the course students will be able to:
(i) Point out the importance of the construction industry as well as its related processes
(ii) Organize the theories and principles practised by all professionals within the construction industry in relation to construction economics
(iii) Study and compare between the different techniques practised in construction economics)
(iv) Demonstrate the aspects of construction project economic viability/feasibility

RMK 262 – Fundamentals of Construction Business and Accounting

This course introduces to students the process and applications of construction business and accounting fundamentals in the construction industry.
There are two main sections: 1) to study the issues relating to business ownership, goals of the firm, procurement and tender system; and 2) to establish the elements of accounting systems and financial statements as well as the available banking facilities in the market.

Learning Outcomes

At the end of the course students will be able to:
(i) Explain the concept of building management and its related processes
(ii) Differentiate the type of ownership of the company, its purpose and function in the construction industry
(iii) Produce financial reports including balance sheets

6.0 University Requirements

Construction Project Management Program requires 21 units of University Courses for graduation.

<table>
<tr><th colspan="2" rowspan="2">UNIVERSITY COURSE REQUIREMENTS</th><th colspan="2">CREDIT TOTAL</th></tr>
<tr><th>Local Students</th><th>International Students</th></tr>
<tr><td colspan="2">General Studies (MPU)</td><td></td><td></td></tr>
<tr><td>U1</td><td><u>Local Students</u>
▪ HFF225 (Philosophy and Current Issues) (2 credits)
▪ HFE224 (Appreciation of Ethics and Civilisations) (2 credits)
▪ LKM400 (Bahasa Malaysia IV) (2 credits)
<u>International Students of Science and Technology</u>
▪ HFF225 (Philosophy and Current Issues) (2 credits)
▪ LKM100 (Bahasa Malaysia I) (2 credits)</td><td>6</td><td>4</td></tr>
<tr><td>U2 (Local Students) AND
U3 (International Students)</td><td><u>Local Students</u>
▪ WUS101 (Core Entrepreneurship) (2 credits)
▪ English Language Courses (4 credits)
<u>International Students</u>
▪ SEA205E (Malaysian Studies) (4 credits)
▪ English Language Courses (4 credits)</td><td>6</td><td>8</td></tr>
<tr><td>U4</td><td><u>Local Students</u>
WAR122 (Integrity and Anti-Corruption Course) / Co-Curricular Courses*

<u>International Students</u>
Co-Curricular Courses*</td><td>2</td><td>2</td></tr>
<tr><td>Options</td><td>Students can/have to choose any of the following:
▪ Co-curricular courses
▪ Skill courses/Foreign Language Courses/ Other courses offered by other schools</td><td>7</td><td>7</td></tr>
<tr><td></td><td>CREDIT TOTAL</td><td>21</td><td>21</td></tr>
</table>

7.0 Course Structure

UNDERGRADUATE PROGRAMME
CONSTRUCTION PROJECT MANAGEMENT

YEAR 1

	SEMESTER 1				SEMESTER 2		
RMS 101	Fundamental of Construction Project Management Studio	T	5	RMS 102	Construction Project Management Competency Studio	T	5
RMK 155	Fundamentals of Construction Law	T	3	RMK 252	Principles of Project Management	T	3
RMK 156	Health, Safety and Environmental Management	T	3	RMG 131	Digital Practices in Construction	T	3
RMK 153	Principles of Construction Economics	T	3	RMK 233	Measurement of Building Works	T	3
RAG 161	Building Construction I	T	3	REG 261	Building Services	E	3
	University Course	U	2		University Course	U	2
	UNITS		**19**		**UNITS**		**19**

YEAR 2

	SEMESTER 3				SEMESTER 4		
RMS 203	Pre-Construction Studio	T	5	RMS 204	Construction Studio	T	5
RMK 262	Fundamentals of Construction Business and Accounting	T	3	RMK 255	Law and Practice of Construction Project Management 1	E	3
RMK 234	Building Cost Estimation and Pricing	E	3	RMK 264	Construction and Financial Management	E	3
RMK 363	Construction Economics	E	3	RMK 353	Property Management	E	3
RAG 132	Introduction to Built Environment and Human Settlement /	E	3	RAG 265	Building Construction 2	E	3
REG 132	Structural Mechanic	E	3	RMK 357	Land Administration	E	3
	(Choose only TWO (2) elective subject)				**(Choose only THREE (3) elective subject)**		
	University Course	U	3		University Courses	U	4
	UNITS		**17**		**UNITS**		**18**

YEAR 3

	SEMESTER 5				SEMESTER 6		
RMS 305	Facilities Operations and Maintenance Management Studio	T	5	RMS 306	Contemporary Issues in Construction Project Management Studio	T	5
RMK 336	Valuation	E	3	RMK 358	Advance Practices in Construction Project	E	3
REG 233	Geomatic Technology	E	3	RAK 345	Housing Studies	E	3
REG 265	Infrastructure Technology	E	3	REG 360	Industrialised Building System (IBS)	E	3
RBG 351	Building Maintenance	E	3		**(Choose only TWO (2) elective subject)**		
REG 361	Methods of Construction	E	3				
REG 468	Road and Transportation	E	3				
	(Choose only THREE (3) elective subject)						
	University Courses	U	4		University Courses	U	6
	UNITS		**18**		**UNITS**		**17**

YEAR 4

	SEMESTER 7				SEMESTER 8		
RUL 474	Compulsory Practical Training	T	12	RML 470	Construction Project Management Research Project	T	6
				RMK 455	Law and Practice of Construction Project Management 2	E	3
				RQG 355	Management, Sustainability and Internationalisation	E	3
					(Choose only ONE (1) elective subject)		
	UNITS		**12**		**UNITS**		**9**

PROGRAMME STRUCTURE/CURRICULUM, SCHOOL OF HOUSING, BUILDING AND PLANNING
SESSION 2024-2025

YEAR 1

CONSTRUCTION PROJECT MANAGEMENT

1st Semester	2nd Semester
RMS 101/5	RMS 102/5
RMK 155/3	RMK 252/3
RMK 156/3	RMG 131/3
RMK 153/3	RMK 233/3
RAG 161/3	REG 261/3

BUILDING ENGINEERING TECHNOLOGY

1st Semester	2nd Semester
RES 103/7	RES 104/7
REG 131/3	REG 161/3
REG 132/3	RMK 252/3
RMK 153/3	

QUANTITY SURVEYING

1st Semester	2nd Semester
RQS 101/7	RQS 102/7
RMK 155/3	REG 161/3
RQG 131/3	REG 261/3
RAG 161/3	RQG 236/3
RMK 153/3	

URBAN AND REGIONAL PLANNING

Semester 1	2nd Semester
RPS 104/7	RPS 106/7
RPK 131/3	RPK 123/3
RAG 121/3	RPK 133/3
RAG 132/3	

INTERIOR ARCHITECTURE

1st Semester	2nd Semester
RDS 101/7	RDS 102/7
RAG 121/3	RDB 263/3
RAG 132/3	RMK 252/3
RAG 161/3	
RMK 153/3	

ARCHITECTURE

1st Semester	2nd Semester
RAS 101/7	RAS 102/7
RAG 121/3	RMK 252/3
RAG 132/3	REG 161/3
RAG 161/3	
REG 132/3	

BUILDING SURVEYING

1st Semester	2nd Semester
RBS 101/7	RBS 102/7
RAG 121/3	RMK 233/3
RAG 132/3	RMK 252/3
RAG 161/3	RAG 265/3
REG 132/3	

YEAR 2

CONSTRUCTION PROJECT MANAGEMENT

1st Semester	2nd Semester
RMS 203/5	RMS 204/5
RMK 262/3	RMK 255/3*
RMK 234/3*	RMK 264/3*
RMK 363/3*	RMK 353/3*
RAG 132/3*	RAG 265/3*
REG 132/3*	RMK 357/3*
*Choose 2 only	*Choose 3 only

BUILDING ENGINEERING TECHNOLOGY

1st Semester	2nd Semester
RES 203/7	RES 204/7
REG 233/3	REG 261/3
REG 265/3	RMK 264/3
REG 266/3	RQG 236/3
RMK 155/3	

QUANTITY SURVEYING

1st Semester	2nd Semester
RQS 201/7	RQS 202/7
RQG 237/3	RMK 252/3
RMK 156/3	RAG 265/3
RQG 356/3	RMK 255/3
	RQB 261/3

RUL 274/6
(Practical Training)

URBAN AND REGIONAL PLANNING

Semester 1	2nd Semester
RPS 205/7	RPS 206/7
RPK 221/3	RPG 235/3
RPK 238/3	RPK 223/3
REG 233/3	RPK 232/3

INTERIOR ARCHITECTURE

1st Semester	2nd Semester
RDS 201/7	RDS 202/7
RDG 235/3	RDB 217/3
RAG 234/3	REG 261/3
RDG 262/3	RDG 323/3
RDG 313/3	

ARCHITECTURE

1st Semester	2nd Semester
RAS 203/7	RAS 204/7
RAK 232/3	RAG 265/3
RAG 234/3	RAK 244/3
RBG 351/3 or	RAG 232/3
REG 266/3 or	REG 261/3
REG 233/3	

RUL 274/6
(Practical Training)

BUILDING SURVEYING

1st Semester	2nd Semester
RBS 205/7	RBS 206/7
RBK 351/3	RBG 231/3
RBG 262/3	RBG 263/3
RMK 234/3	RMK 353/3

YEAR 3

CONSTRUCTION PROJECT MANAGEMENT

1st Semester	2nd Semester
RMS 305/5	RMS 306/5
RMK 336/3*	RMK 358/3*
REG 233/3*	RAK 345/3*
REG 265/3*	REG 360/3*
RBG 351/3*	
REG 361/3*	
REG 468/3*	
*Choose 3 only	*Choose 2 only

BUILDING ENGINEERING TECHNOLOGY

1st Semester	2nd Semester
RES 301/7	RES 302/7
REG 361/3	REL 300/3
REG 371/3	REG 360/3
RMK 156/3	RQG 355/3
RQG 237/3	

QUANTITY SURVEYING

1st Semester	2nd Semester
RQS 303/7	RQS 304/7
REG 265/3	RQG 358/3
REG 361/3	RQG 355/3
RQL 371/3	RQL 371/3

URBAN AND REGIONAL PLANNING

1st Semester	2nd Semester
RPS 303/7	RPS 304/7
RPK 331/3	RPK 333/3
RPK 334/3	RPK 359/3
RPK 351/3	RPK 343/3*
	RAK 345/3*
	RMK 336/3*
	RMK 357/3*
	*Choose 1 only

INTERIOR ARCHITECTURE

1st Semester	2nd Semester
RDS 301/7	RDS 302/7
RAG 333/3	RDB 314/3
RDG 334/3	RDG 336/3
RAK 232/3	RDG 366/3
	RDG 370/3

ARCHITECTURE

1st Semester	2nd Semester
RAS 305/7	RAS 306/7
RAG 333/3	RAG 322/3
RAK 346/3	RAK 345/3
RAL 371/3	RMK 255/3
	REG 360/3

BUILDING SURVEYING

1st Semester	2nd Semester
RBS 304/7	RBS 307/5
RBG 351/3	RBG 332/3
RBL 370/3	RBL 372/3
REG 361/3	

YEAR 4

CONSTRUCTION PROJECT MANAGEMENT

1st Semester	2nd Semester
RUL 474/12 (Practical Training)	RML 470/6
	RMK 455/3*
	RQG 355/3*
	*Choose 1 only

BUILDING ENGINEERING TECHNOLOGY

1st Semester	2nd Semester
REL 400/5	REL 471/12 (Practical Training)
REG 468/3	
REG 469/3	
RBG 351/3	

URBAN AND REGIONAL PLANNING

1st Semester	2nd Semester
RUL 474/12 (Practical Training)	RPS 409/7
	RPK 435/3
	RPK 439/3
	RPK 472/4

INTERIOR ARCHITECTURE

1st Semester	2nd Semester
RUL 474/12 (Practical Training)	RDS 401/7
	RDL 470/3

BUILDING SURVEYING

1st Semester
RBL 401/12

Academic Calendar 2024/2025

SEMESTER 1	14/10/2024	⇨	MID SEMESTER BREAK 02/12/2024 – 08/12/2024	⇨ 23/02/2025
SEMESTER 2	24/03/2025	⇨	MID SEMESTER BREAK 12/05/2025 – 18/05/2025	⇨ 03/08/2025

University/Option		
Bahasa Malaysia	: 2 unit	U
English language/Other language	: 4 unit	
Appreciation of Ethics and Civilizations	: 2 unit	
Philosophy and Current Issues (for local)	: 2 unit	
Malaysian Studies (for international)	: 4 unit	
Core-Entrepreneurship (for local)	: 2 unit	
Co-Curriculum/Option/Skill Courses/Third language		
i) BS, QS & IA	: 7 unit	
ii) Architecture & BeST	: 3 unit	
iii) Planning & CPM	: 9 unit	
Total Unit (BS, QS & IA)	: 19 unit	
Total Unit (Architecture & BeST)	: 15 unit	
Total Unit (Planning & CPM)	: 21 unit	

ACADEMIC ADVISORY SECTION

Semester _____ **Academic Session** _____

SUGGESTED COURSE REGISTRATION			
Course Code	**Course Name**	**Type of Course**	**Unit**

_____ **Student Signature** **Date**

COMMENT/SUGGESTION FROM ACADEMIC ADVISOR

_____ **Signature and Official Stamp Academic Advisor** **Date**

Semester _____ **Academic Session** _____

CURRENT STUDY INFORMATION				
No	**Detail**	**Total Unit for Graduation**		**Total Unit Cumulative**
1	**Core Courses**	**72**		
2	**Elective Courses**	**36**		
3	**University Courses**	**Local**	**International**	
	U1	**6**	**4**	
	U2	**6**	**8**	
	U3			
	U4	**2**	**2**	
	Option	**7**	**7**	

4	**Courses Exempted (Approved)** **Example: Course Code / Unit / Type (RMK262/3/T)**			**Total Unit (Courses Exempted)**	
				Core	**Elective**

SUGGESTED COURSE REGISTRATION			
No	**List of Course**	**Type of Course**	**Unit**
Student Signature		**Date**	

COMMENT/SUGGESTION FROM ACADEMIC ADVISOR			
Signature and Official Stamp Academic Advisor		**Date**	

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Student Signature		**Date**	

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