



HBP Booklet 2023/24

Undergraduate Programme



USM UNIVERSITI
SAINS
MALAYSIA



Construction Project Management

School of Housing, Building, & Planning



CPM 2027
QS 2026
IA 2027
Archi 2026
BEST 2027
BS 2026
URP 2027

CPM
QS
IA
Archi
BEST
BS
URP

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

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

Bachelor of Science (Honours) (Construction Project Management)



**SCHOOL OF
HOUSING,
BUILDING &
PLANNING**

Ranked **TOP 5**
among
Public Universities

& **TOP 100**
faculty in the
world by subject

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School of Housing, Building & Planning

Mission

The School of Housing, Building and Planning (HBP), Universiti Sains Malaysia (USM) was established in 1972 with the aim of nurturing skilled graduates capable of becoming actors and future leaders in relevant planning, design, development and management necessary for a sustainable built environment in Malaysia and the world.

After almost five decades, the school has made tremendous progress in teaching and learning, research and publication, consultancy and innovation, and continuously making positive impact on the society and the industry.

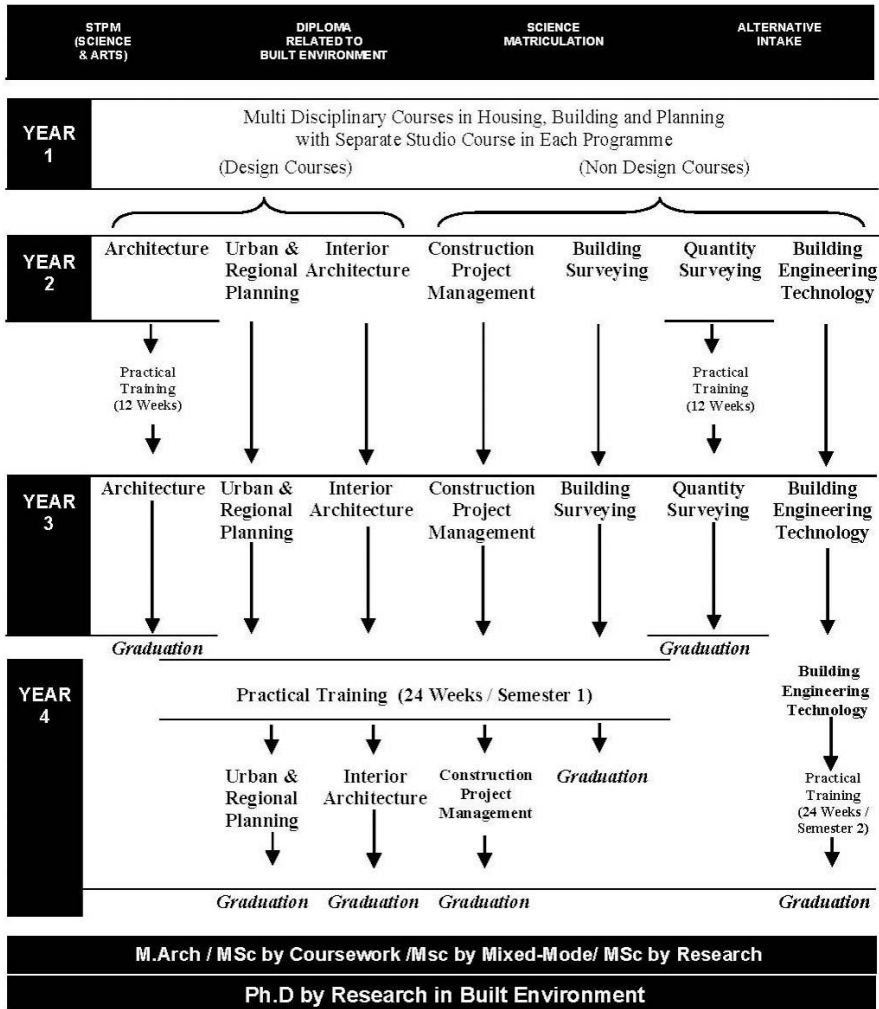
Currently, seven undergraduate programmes are offered by the School. The programmes are recognized by the respective professional bodies such as the Board of Town Planners Malaysia (LPBM), Board of Architects Malaysia (LAM), Board of Quantity Surveyors Malaysia (BQSM), Royal Institute of Chartered Surveyors (RICS), Pacific Association of Quantity Surveyors (PAQS), Royal Institute of Chartered Surveyors Malaysia (RICSM), and the Chartered Institute of Building (CIOB).

- To establish HBP as the best Built Environment School with emphasis on sustainability
- To nurture outstanding graduates for the global market
- To position HBP as a centre of expertise in identified niche areas
- To be at the fore front of knowledge transfer and be relevant to the needs of the community (bottom billion)

'Championing a sustainable tomorrow through holistic education and upholding a global mindset'



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

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 Management
					D = Interior Architecture
					E = Building Technology
					Q = Quantity Surveying
					B = Building Surveying
R					- Code for the School of Housing, Building and Planning

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 (Honours) (Construction Project Management) (4 years)

B.Sc. (Honours) (CPM)

Period	B.Sc. (Honours) (CPM)
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 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)

- (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.
- (iii) 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

- (i) 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: 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 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.

UNIVERSITY COURSE REQUIREMENTS		CREDIT TOTAL	
		Local Students	International Students
General Studies (MPU)			
U1	<u>Local Students</u> <ul style="list-style-type: none"> ▪ 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> <ul style="list-style-type: none"> ▪ HFF225 (Philosophy and Current Issues) (2 credits) ▪ LKM100 (Bahasa Malaysia I) (2 credits) 	6	4
U2 Or U3	<u>Local Students</u> <ul style="list-style-type: none"> ▪ WUS101 (Core Entrepreneurship) (2 credits) ▪ English Language Courses (4 credits) <u>International Students</u> <ul style="list-style-type: none"> ▪ SEA205E (Malaysian Studies) (4 credits) ▪ English Language Courses (4 credits) 	6	8
U4	Co-curricular courses	2	2
Options	Skill courses/Foreign Language Courses/ Other courses offered by other schools. Students have to choose any of the following: <ul style="list-style-type: none"> ▪ Co-curricular courses ▪ Skill courses/Foreign Language Courses/ Other courses offered by other schools 	7	7
CREDIT TOTAL		21	21

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

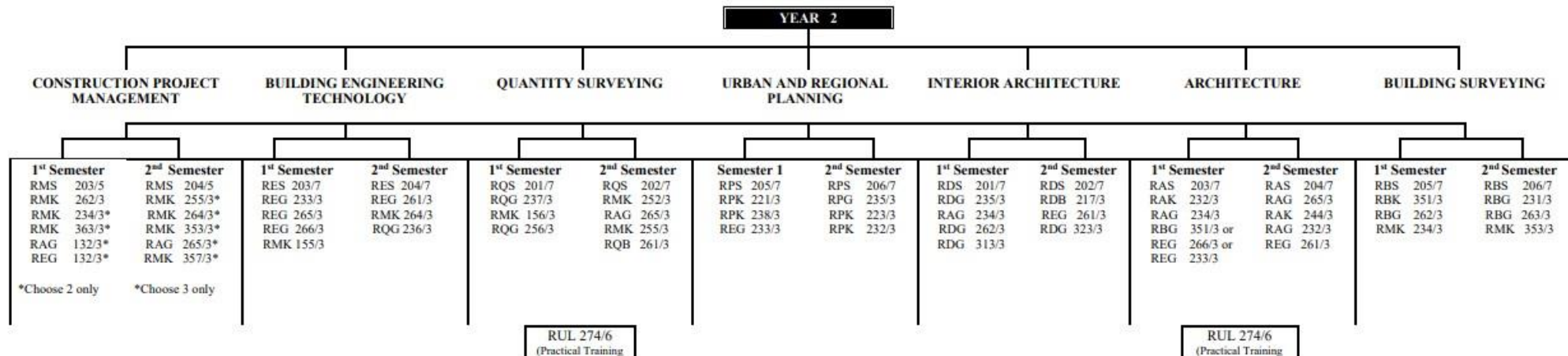
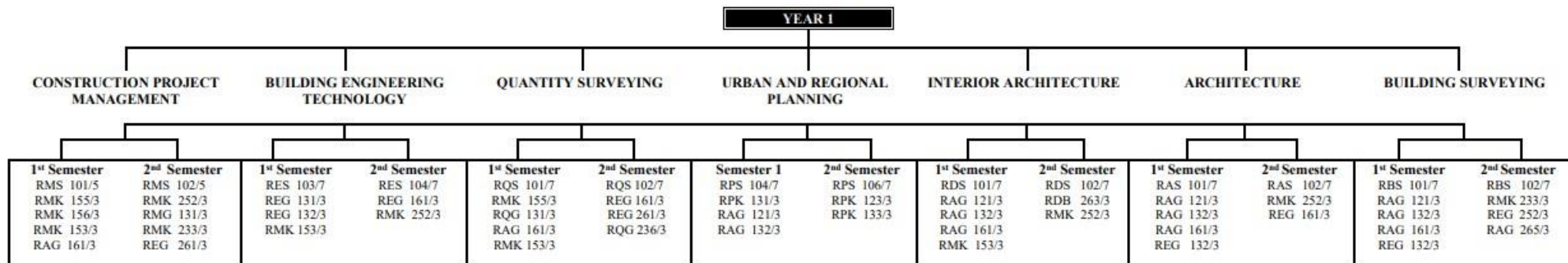
YEAR 3

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

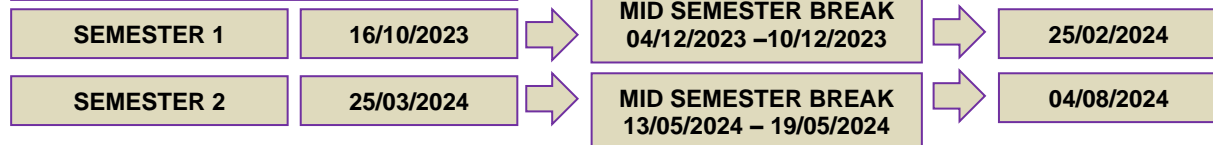
YEAR 4

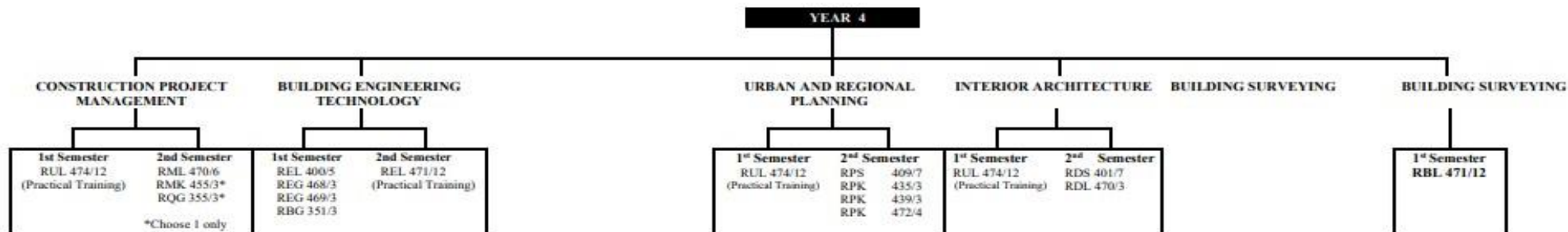
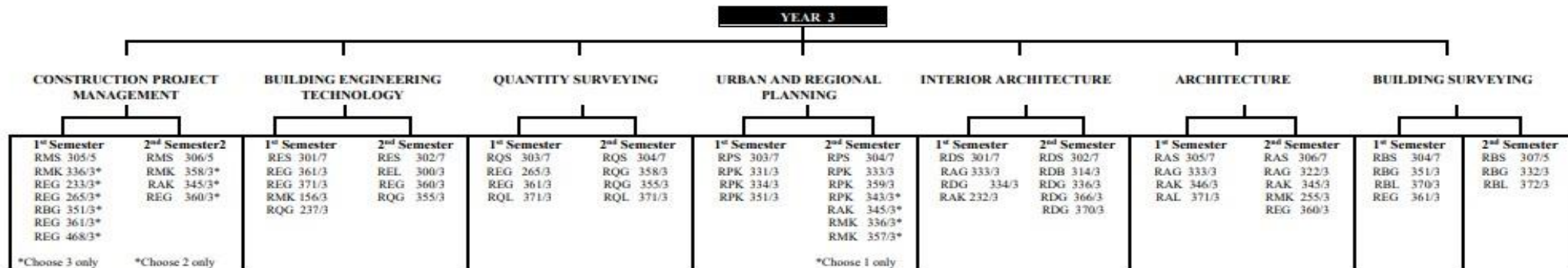
SEMESTER 7				SEMESTER 8			
RUL 474	Compulsory Practical Training	T	12	RML 470	Construction Project Management Research Project	T	6
				RMK 455	Law and Practice of Construction Project Management 2	E	3
				RQG 355	Management, Sustainability and Internationalisation	E	3
					(Choose only ONE (1) elective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

**CURRICULUM, BACHELOR OF SCIENCE (HOUSING, BUILDING AND PLANNING)
SESSION 2023-2024**



Academic Calendar 2023/2024





University/Option		} U
Bahasa Malaysia	: 2 unit	
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	: 7 unit	
ii) Architecture	: 3 unit	
iii) Planning	: 9 unit	
Total Unit (BS, QS, IA)	: 19 unit	
Total Unit (Architecture, BE&T)	: 15 unit	
Total Unit (Planning, CPM)	: 21 unit	

Notes: Maximum Units Allowed for Registration per Semester is 21 (including University/Option courses)

**ACADEMIC ADVISORY
SECTION**

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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