



HBP Booklet 2022/23

Undergraduate Programme



USM UNIVERSITI
SAINS
MALAYSIA



Building Surveying

School of Housing, Building, & Planning



CPM 2026
QS 2025
IA 2026
Archi 2025
BEST 2026
BS 2025
URP 2026

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

Bachelor in Building Surveying (Honours)



**SCHOOL OF
HOUSING,
BUILDING &
PLANNING**

Ranked **TOP 5**
among
Public Universities
& **TOP 100**
faculty in the
world by subject

**THE THIRD HIGHEST SCORE IN
PROGRAM GRADUATE
EMPLOYABILITY RANK IN USM
2021**

Editors

Dr. Radzi Ismail
Sr. Nuzaihan Aras Agus Salim
Dr. Muhammad Hafeez Abdul Nasir
Dr Nor Zarifah Maliki

Advisors

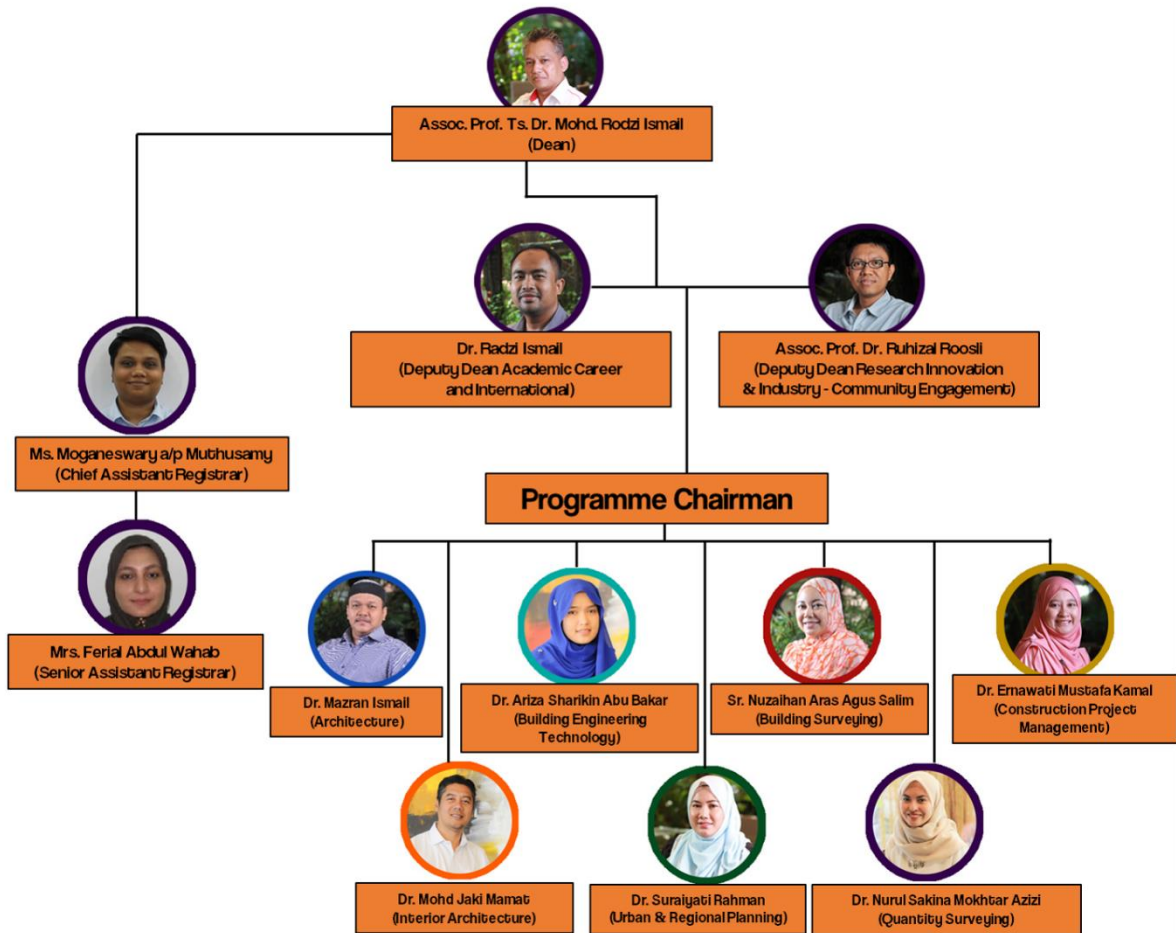
Assoc. Prof. Ts. Dr. Mohd. Rodzi Ismail
Prof. Dato' Gs. Dr. Narimah Samat (TNCAA)

Sponsor

Bahagian Akademik dan Antarabangsa USM (BAA)

Accredited by:





Academic Staff



Nuzaihan Aras Binti Agus Salim (Sr.)
E08C Room 101
+6046533171
+60123179005



Md Azree Othuman Mydin
(Assoc. Prof. Sr. Dr.)
E40 Room 117
(+604 - 653 2813)



Mohd Zailan Sulieman (Assoc. Prof.
Sr. Dr.)
E08C Room 205
+604 - 653 3163



Naziah Muhamad Salleh (Dr.)
E49 Room 114
+604-6532819



Siti Hamidah bt Husain (Dr.)
Cabin C, Room 19
+604-6535959



Norsafiah bt Norazman (Dr.)

School of Housing, Building & Planning

Mission

- 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)

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

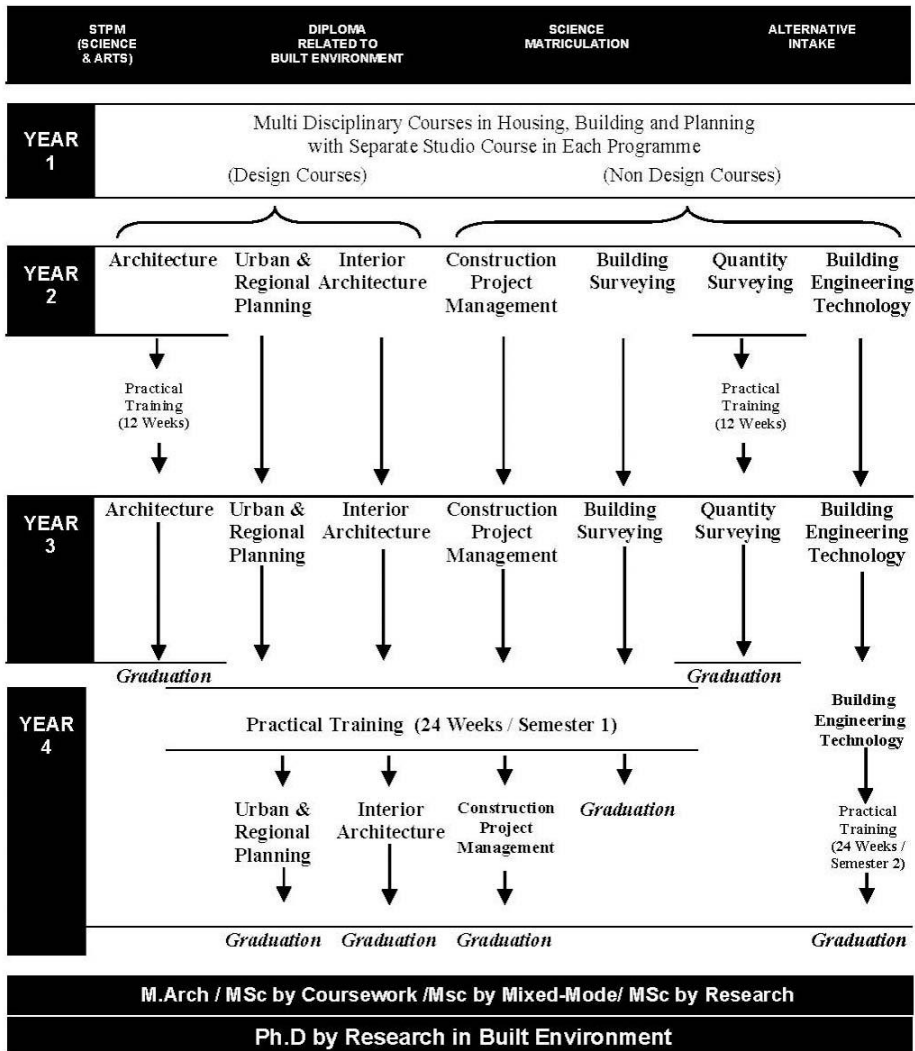
After almost five decades, the school has made tremendous progress in teaching and learning, research and publication, consultancy and innovation, and continuously making positive impact on the society and the industry.

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), The Chartered Institute of Building (CIOB), and Chartered Association of Building Engineers (CABE).

‘Championing a sustainable tomorrow through holistic education and upholding a global mindset’



Study Path at The School of HBP



Programme Structure/Curriculum at HBP

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 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	U	S	1	0	0
					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

OVERVIEW OF BUILDING SURVEYING FIELD IN MALAYSIA

1.0 Introduction

The construction industry in Malaysia is facing a period of transformation. The roles of the professions involved in the industry in general are also changing significantly. Their excitement of finding a more attractive and demanding career could be quickly wrecked by hokum such as salary deduction, retraining and economic depression. The phases during construction include the initial process of site preparation, ensuring the construction meets the required quality standards by supervising the progress development, legislation and overseeing the physical condition of a building. Building surveyors are also involved in the design, planning, and functionality of buildings, to ensure they have appropriate access, there are no safety concerns inherent in the design, and the construction is energy efficient. The complexity of building regulations requires working closely with engineers and architects. Building surveyors also interact with contractors tasked to deliver the construction, to ensure they comply with regulations. The scope of responsibilities includes inspections at the outset right through to involvement in the quality control as the internal finishes are finalized. The Royal Institution of Surveyors Malaysia (RISM) certifies those in the profession.

1.1 Building Surveying Scope of Study

Building Surveying programme syllabus has individual modules that concentrate on Building Assessment, Building Measurement, Development Appraisal, Building Control and Design, Building Forensic and Dilapidation Survey, Building Conservation Studies, and Building Maintenance. The courses are designed to deliver core theory and practical knowledge that cover the domains in which the building surveyor operates today. The scope of the programme is complemented by additional courses in Environmental Science, and Construction and Building Services. They ensure that the competencies of a Building Surveyor extend not only to construction, but also enhance skills required in association with planning, maintenance, and management. The programme has been conceived to deliver tangible goals that will enable the building surveyor to be fully competent to produce ethical and professional excellence from the outset of their career.

1.2 Job prospects in Building Surveying

Building surveying graduates will have the possibility to work in both the private and public sectors. When engaged by the public sector, they can expect to manage design and implementation of projects, and supervise processes and systems related to building control, building maintenance and facilities management. There are also roles which are associated with operational aspects and effective infrastructure maintenance. Working in the private sector can involve professional interaction with owners, developers, contractors and industry consultants. Providing technical and managerial support in conjunction with financial and banking institutions, insurance companies, and research organizations may also be involved.

2.0 BUILDING SURVEYING PROGRAM OF STUDY

2.1 Programme Goals

To produce ethically and professionally competence surveyors who are able to function effectively as members of the construction and property industry and able to face technological and managerial challenges in the national and global context

2.2 Learning outcomes

At the end of the programme, graduates are able to:

- Understand technical knowledge and good management in building surveying works
- Carry out building surveying services using equipment and proper procedure taking into account sustainable aspects and laws
- Apply social skills and responsibilities in the public interest within the construction industry and real estate sector.
- Deliver building surveying work in a professional manner and with right ethics
- Effectively communicate, enable teamwork and show leadership qualities
- Solve problems through objective analytical and scientific skills
- Understand building life cycle and information management
- Use experience and entrepreneurship to deliver effective consultancy

2.3 School Requirements

2.3.1 Courses

The requirements for Building Surveying students to at the School of HBP are summarized as follows:

(A) Core Courses

These courses are mandatory for all Building Surveying 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. Building Surveying 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

Building Surveying students are required to undergo Practical Training for a period of 24 weeks during their long-term vacation in their third year and throughout the first semester of their final year.

2.3.2 Unit Requirements

Unit requirement for graduation for Bachelor in Building Surveying (Honours) is as follows:-

B.Sc.(HBP) Building Surveying Programme	
	Units
Core Courses	72
Elective Courses	36
University Courses	19
Total	127

2.4 Course Duration

Bachelor in Building Surveying (Honours) (3 1/2 years)

Period	B.Sc. (HBP)
Minimum semesters	7 (3 1/2 years)
Maximum semesters	10 (5 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 (except for Architecture Studio Courses which the passing grade is B-). Students obtaining grade C- (C+ for Architecture Studio Courses) 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.

2.5 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.

BUILDING SURVEYING (42 Units)

Code	Title
RBS101/7	Building Surveying Fundamental Studio
RBS102/7	Building Control Studio
RBS205/7	Building Audit and Safety Studio
RBS206/7	Building Conservation Technology Studio
RBS304/7	Building Maintenance Management Studio
RBS307/7	Total Asset and Facilities Management Studio

2.6 Courses and syllabus

During the 7 semesters of study, Building Surveying students can expect to develop personal skills such as problem solving, communication skills and team working. Students will be exposed to knowledge underpinning design, construction and performance of a facility, familiarity with design, construction, commissioning, operational and maintenance phases of construction works, awareness of other disciplines and expertise involved in design and construction process. Students must fulfil 72 units of core courses, 36 units of elective courses and 19 units of university courses. List of courses which are offered to Building Surveying students are shown in Table 1.

Table 1: List of Core and Elective Courses

A. Core Courses (72 units)

Code and Title			Unit	Sem	Year	TICK ✓
RBS 101	-	Building Surveying Fundamental Studio	7	1	1	
RBS 102	-	Building Control Studio	7	2	1	
RBS 205	-	Building Audit and Safety Studio	7	1	2	
RBK 351	-	Professional Practice In Building Surveying	3	1	2	
RBS 206	-	Building Conservation Technology Studio	7	2	2	
RBG 231	-	Building Pathology 1 (Pre-requisite)	3	2	2	
RBS 304	-	Building Maintenance Management Studio	7	1	3	
RBG 351	-	Building Maintenance	3	1	3	
RBL 370	-	Building Surveying Final Year Project 1	3	1	3	
RBS 307	-	Total Asset and Facilities Management Studio	7	2	3	
RBG 332	-	Building Pathology 2	3	2	3	
RBL 372	-	Building Surveying Final Year Project 2	3	2	3	
RBL 401	-	Building Surveying Industrial Training	12	1	4	

B. Elective Courses (36 Units*)

Code and Title			Unit	Sem	Year	TICK ✓
RAG 121	-	Environmental Science 1 *	3	1	1	
RAG 132	-	Introduction To Built Environment & Human Settlement *	3	1	1	
RAG 161	-	Building Construction 1*	3	1	1	
RMK 153	-	Principles Of Construction Economics	3	1	1	
RMK 233		Measurement Of Building Works*	3	2	1	
RMK 252	-	Principles Of Project Management	3	2	2	
RAG 265	-	Building Construction 2*	3	2	1	
REG 132		Structural Mechanics *	3	1	2	
RMK 234	-	Building Cost Estimation And Pricing *	3	1	2	
REG 261	-	Building Services *	3	2	2	
RMK 353		Property Management *	3	2	2	
REG 361	-	Methods Of Construction *	3	1	3	
RMK 255	-	Law And Practice Of Construction Project Management 1	3	2	2	
RMK 264	-	Construction And Financial Management	3	2	2	
RMK 363	-	Construction Economics	3	1	3	
REG 360	-	Industrialised Building System (IBS)	3	2	3	

* Common core courses

PROGRAMME STRUCTURE SESSION 2022-2023

YEAR 1							
SEMESTER 1				SEMESTER 2			
RBS 101	Building Surveying Fundamental Studio	T	7	RBS 102	Building Control Studio	T	7
RAG 121	Environmental Science I	E	3	RMK 233	Measurement of Building Works	E	3
RAG 132	Introduction to Built Environment & Human Settlement	E	3	RMK 252	Principles of Project Management	E	3
RAG 161	Building Construction I	E	3	RAG 265	Building Construction 2	E	3
RMK 153	Principles of Construction Economics	E	3		University Courses	U	4
	University Course	U	2				
UNITS			21	UNITS			20

YEAR 2							
SEMESTER 3				SEMESTER 4			
RBS 205	Building Audit and Safety Studio	T	7	RBS 206	Building Conservation Technology Studio	T	7
RBK 351	Professional Practice for Building Surveyor	T	3	RBG 231	Building Pathology 1	T	3
REG 132	Structural Mechanics	E	3	REG 261	Building Services	E	3
RMK 234	Building Cost Estimation and Pricing	E	3	RMK 353	Property Management	E	3
	University Courses	U	4		University Courses	U	2
UNITS			20	UNITS			20

YEAR 3							
SEMESTER 5				SEMESTER 6			
RBS 304	Building Maintenance Management Studio	T	7	RBS 307	Total Asset and Facilities Management Studio	T	7
RBG 351	Building Maintenance	T	3	RBG 332	Building Pathology 2	T	3
RBL 370	Building Surveying Final Year Project 1	T	3	RBL 372	Building Surveying Final Year Project 2	T	3
REG 361	Methods Of Construction	E	3		University Courses	U	4
	University Courses	U	3				
UNITS			19	UNITS			17

YEAR 4							
SEMESTER 7							
RBL 401	Building Surveying Industrial Training	T	12		Core Courses	T	72
					Elective Courses	E	36
					University Courses	U	19
UNITS			12	TOTAL UNITS			127

3.0 Course Synopsis

3.1 Core Courses (72 units)

No	Code & Unit	Course Title & Synopsis
1	RBS101 (7 unit)	BUILDING SURVEYING FUNDAMENTAL STUDIO 1 Concentrating on basic understanding of the role and contribution of various disciplines in the built environment. Students will be trained in all basic aspects of drawing to form a measured drawing through site visit and analysis, site planning.
2	RBS102 (7 unit)	BUILDING CONTROL STUDIO 2 (PRE-REQUISITE) Comprises the review and practice of Building Control through the Building Control Practices Act. It includes Planning Permission, Building Plan Approvals and revisions before acquiring Building Occupancy Permissions
3	RBS205 (7 unit)	BUILDING AUDIT AND SAFETY STUDIO (PRE-REQUISITE) Discovers on the practice of building audit and safety in various types of audits such as building condition audits, building services audits, building safety audits and building fire safety audits.
4	RBS206 (7 unit)	BUILDING CONSERVATION TECHNOLOGY STUDIO (PRE-REQUISITE) Exposed on the technology involved in building conservation works. It is including building improvement technology in conservation projects involving restoration and adaptation of old buildings in addition to comply the laws and regulations involved including the types of adaptation in conservation, technology, strengthening of materials and ethics in conservation
5	RBG231 (3 unit)	BUILDING PATHOLOGY 1 This course explores the principle of building material and damage to the elements of the building. This course also reveals the Building Surveyor Practices in Malaysia regarding the identification of damage to building materials and analysis.
6	RBS304 (7 unit)	BUILDING MAINTENANCE MANAGEMENT STUDIO It is designed to expose the building maintenance planning, maintenance strategy, policies, finance planning and operations. The students will also be exposed to maintenance, management and policy, of contract and liability.
7	RBS 307 (7 unit)	TOTAL ASET AND FACILITIES MANAGEMENT STUDIO It is designed to expose the students on the terminology, principles and applications of the facility management as one of the management tool applied in practice in the management of support activities within companies.
8	RBG351 (3 unit)	BUILDING MAINTENANCE Focuses on Maintenance Management and Technology via variety types of building maintenance; planned and unplanned maintenance methods, maintenance policy, impact of design on maintainability, prioritizing and costing the maintenance works, budgeting and funding the maintenance works and maintenance procurement.
9	RBK351 (3 unit)	PRINCIPLE OF BUILDING SURVEYING The course in line with general principles and responsibility of the professionalism in building surveying field. The main scope of work and responsibilities focusses on the building control, building condition assessment, building surveying contract and etc.

10	RBG 332 (3 unit)	BUILDING PATHOLOGY 2 The course covers the estimating, value or quality of building technology concerning the use of building pathology. Building pathology is related to the diagnosis or identification of a building defect or failure after observing the signs, prognosis or anticipation of the causes of a building failure and repair issues related to the building and structure.
11	RBL370 (3 unit)	BUILDING SURVEYING FINAL YEAR PROJECT 1 The Final Year Project requires students to carry out a research project on a chosen topic in Building Surveying under supervision of specific lecturer. Research can be conducted in the form of literature review, experimental study, modelling, simulation, computational, case study, survey, etc.
12	RBL372 (3 unit)	BUILDING SURVEYING FINAL YEAR PROJECT 2 (PRE-REQUISITE) This course is a continuation of RBL370 offered in Semester I. In this second part of building surveying studies, students will carry out data collection activities using appropriate methodologies established in the previous stage in analysis and findings.
13	RUL 402 (12 unit)	BUILDING SURVEYING INDUSTRIAL TRAINING This course is compulsory industrial training for Building Surveying students at the School of Housing, Building & Planning. It emphasizes on practicing professional practice in their respective fields to prepare students for the real-world challenges of the construction industry. It runs first Semester of Year 4. It takes 24 weeks (6 months) to meet the requirements of the MQA Building Surveying Standard and the Professional Body of the Royal Institution of Surveyors Malaysia (RISM).

3.2 Elective Courses (36 units)

No	Code & Unit	Course Title & Synopsis
1	RAG121 (3 unit)	ENVIRONMENTAL SCIENCE 1 This course discusses on physical environmental issues and its measurement methods. Sustainability issues on natural resources and its relationship with the physical development will be discussed.
2	RAG132 (3 unit)	INTRODUCTION TO BUILT ENVIRONMENT & HUMAN SETTLEMENT This course introduces the origins of human settlement on a various scales. The theory of the built environment and the regulations associated with it will be discussed. Students will be exposed to the elements in built environment with the history of human settlement, regulations associated with built environment, issues associated with human settlement and sustainable build environment.
3	RAG161 (3 unit)	BUILDING CONSTRUCTION 1 This course introduces basic comprehension pertaining to building and materials used in the building components, beginning with systems, basic structure and its building relationship. It covers the main component of substructure, superstructure and roof systems.
4	RMK153 (3 unit)	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.

5	RMK233 (3 unit)	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).
6	RMK 252 (3 unit)	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.
7	RAG265 (3 unit)	CONSTRUCTION 2 (PRE-REQUISITE) This course is a continuation of Building Construction 1 with emphasis on more complex building systems and advanced material. The scope covers construction systems from sub-structure such as pilings, retaining walls and basement constructions. It also elaborate on super structure of in-situ reinforced concrete, precast concrete as well as steel frames and their various component from columns, beams and floorings such as two-way, one-way, ribbed, waffle and precast slabs as well as composite floors.
8	REG132 (3 unit)	STRUCTURE MECHANICS This course comprise of the introduction of basic foundation of statics including concept of forces, distribution of forces, direct forces, moments, combination forces, polygons and triangular forces and equilibrium forces. This course also focuses on building frame structures, trusses using methods of force distribution, etc, in determining shear force, bending moments and deflection of static structure.
9	RMK234 (3 unit)	BUILDING COST ESTIMATION AND PRICING This course introduces the cost estimates in the construction sector which covers all aspects relating to the production of accurate cost and price estimates for building work.
10	REG261 (3 unit)	BUILDING SERVICES This course focuses on the efficiency of building services and the systems involved. The building services that are mainly highlighted in this course are lighting, heating and ventilating, air conditioning, security and alarm systems and fire detection and protection.
11	RMK353 (3 unit)	PROPERTY MANAGEMENT Diverse range in the property management, property market, property maintenance and legislations that influence the profession. The maintenance section offers principles and techniques of its administration and maintenance management; preparation of maintenance budgets; maintenance programmes and introduces computerized maintenance management systems (CMMS).
12	REG361 (3 unit)	METHODS OF CONSTRUCTION The course explore on site management, safety in construction site, earth work including cleaning, cut and fill, dewatering process from the construction site in basic design and preparation of concrete construction, removal of formwork for the prefabricated construction system, pre-stressed concrete construction and high rise construction.

3.3 University Courses / Compulsory Modules (19 units)

No	Code & Unit	Course Title & Synopsis
1	LKM (2 unit)	BAHASA MALAYSIA All Malaysian students must take LKM400 and pass with the minimum of Grade C in order to graduate.
2	LSP (4 unit)	ENGLISH LANGUAGE All bachelor degree students must take 4 units of English Language courses to fulfil the University requirement for graduation
3	HFE 224 (2 unit)	APPRECIATION OF ETHICS AND CIVILISATIONS This course aims to increase students' knowledge on history, principles, values, main aspects of Malaysian civilization, current issue and its culture.
4	HFF 225 (2 units)	PHILOSOPHY AND CURRENT ISSUES This course is an introduction to ethnic relations in Malaysia. This course is designed with 3 main objectives: (1) to introduce students to the basic concepts and the practices of social accord in Malaysia, (2) to reinforce basic understanding of challenges and problems in a multi-ethnic society, and (3) to provide an understanding and awareness in managing the complexity of ethnic relations in Malaysia.
5	WUS101 (2 units)	CORE ENTREPRENEURSHIP This course aims to provide basic exposure to students in the field of entrepreneurship and business, with emphasis on the implementation of the learning aspects while experiencing the process of executing business projects in campus.
6	7 units	CO-CURRICULUM/SKILLS COURSE/FOREIGN LANGUAGE Students have to choose one of the following (A/B): (A) Uniformed/Seni Silat Cekak/Jazz Band Co-curricular Package (6 – 10 Units) (B) Co-curricular/Skills Courses/Options (1 – 6 Units)

4.0 University Requirements

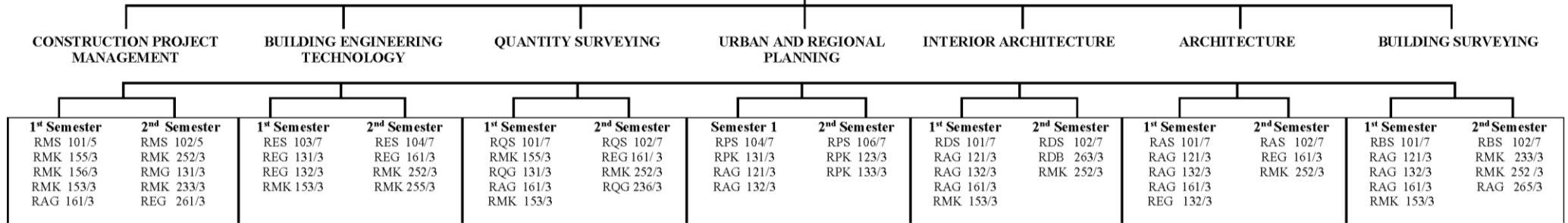
Building Surveying students are required to fulfil 19 units University/Option courses for University requirements as shown in Table 2.

Table 2: University/Option courses for University requirements

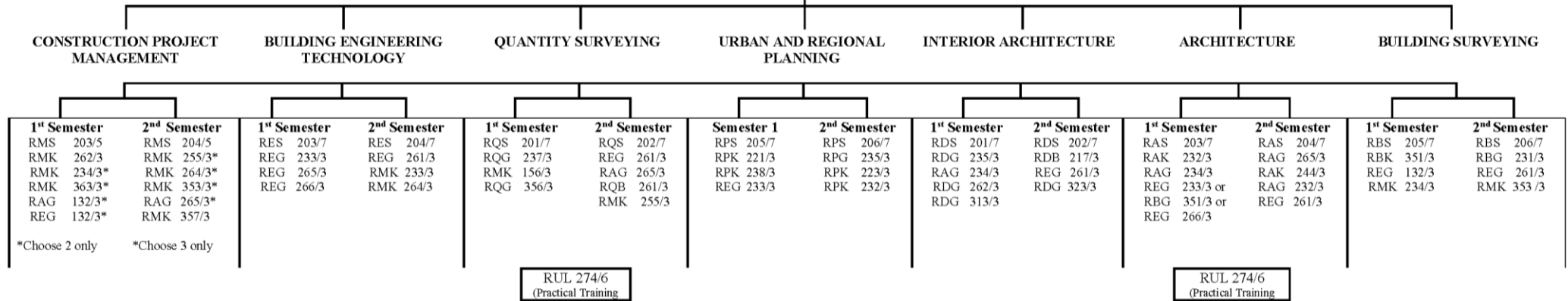
UNIVERSITY COURSE REQUIREMENTS		CREDIT TOTAL	
		Local Students	International Students
General Studies (MPU)			
U1	<u>Local Students</u> <ul style="list-style-type: none"> ▪ HFF225 (Philosophy and Current Issues) (2 credits) ▪ HFE224 (Appreciation of Ethics and Civilisations) (2 credits) ▪ LKM400 (Bahasa 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 	5	5
CREDIT TOTAL		19	19

CURRICULUM AT SCHOOL OF HOUSING, BUILDING AND PLANNING

YEAR 1



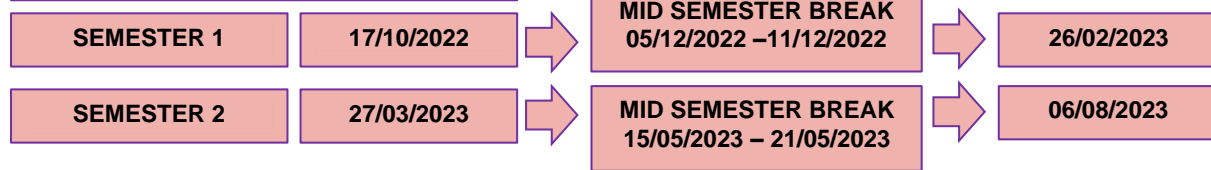
YEAR 2



YEAR 3													
CONSTRUCTION PROJECT MANAGEMENT		BUILDING ENGINEERING TECHNOLOGY		QUANTITY SURVEYING		URBAN AND REGIONAL PLANNING		INTERIOR ARCHITECTURE		ARCHITECTURE		BUILDING SURVEYING	
1 st Semester	2 nd Semester	1 st Semester	2 nd Semester	1 st Semester	2 nd Semester	1 st Semester	2 nd Semester	1 st Semester	2 nd Semester	1 st Semester	2 nd Semester	1 st Semester	2 nd Semester
RMS 305/5	RMS 306/5	RES 301/7	RES 302/7	RQS 303/7	RQS 304/7	RPS 303/7	RPS 304/7	RDS 301/7	RDS 302/7	RAS 305/7	RAS 306/7	RBS 304/7	RBS 307/7
RMK 336/3*	RMK 358/3*	REG 361/3	REL 300/3	REG 265/3	RQG 358/3	RPK 331/3	RPK 333/3	RAG 333/3	RDB 314/3	RAG 333/3	RAG 322/3	RBG 351/3	RBG 332/3
REG 233/3*	RAK 345/3*	REG 371/3	REG 360/3	REG 361/3	RQG 355/3	RPK 334/3	RPK 359/3	RDG 334/3	RDG 336/3	RAK 346/3	RAK 345/3	RBL 370/3	RBL 372/3
REG 265/3*	REG 460/3	RMK 156/3	RQG 236/3	RQL 371/3	RQL 371/3	RPK 351/3	RAK 345/3*	RAK 232/3	RDG 366/3	RAL 371/3	RMK 255/3	REG 361/3	
RBG 351/3*			RQG 355/3				RMK 336/3*		RDG 370/3		REG 360/3		
REG 361/3*							RMK 357/3*						
REG 468/3													
*Choose 3 only	*Choose 2 only						*Choose 1 only						

YEAR 4									
CONSTRUCTION PROJECT MANAGEMENT		BUILDING ENGINEERING TECHNOLOGY		URBAN AND REGIONAL PLANNING		INTERIOR ARCHITECTURE		BUILDING SURVEYING	
1 st Semester	2 nd Semester	1 st Semester	2 nd Semester	1 st Semester	2 nd Semester	1 st Semester	2 nd Semester	1 st Semester	2 nd Semester
RUL 474/12	RML 470/6	REL 400/5	REL 471/12	RUL 474/12	RPS 409/7	RUL 474/12	RDS 401/7	RBL 401/12	
(Industrial Training)	RMK 455/3*	REG 468/3	(Industrial Training)	(Industrial Training)	RPK 435/3	(Industrial Training)	RDL 470/3	(Industrial Training)	
	RQG 355/3	REG 469/3			RPK 439/3				
	*Choose 1 only	RBG 351/3			RMK 472/4				

Academic Calendar 2022/2023



University/Option		
Bahasa Malaysia		: 2 unit
English language/Other language		: 4 unit
Philosophy & Current Issues (Local & international students)		: 2 unit
Appreciation of Ethics & Civilisation (Local students)		: 2 unit
Malaysian Studies (International students)		: 4 unit
Core-Entrepreneurship (Local students)		: 2 unit
Co-Curriculum		: 2 unit
Other Co-Curriculum/Option/Skill Courses/Third language		
i) URP, CPM		: 7 unit
ii) IA, BS, QS		: 5 unit
ii) Architecture, BEsT		: 1 unit
Total Unit (URP, CPM)		: 21 unit
Total Unit (IA, BS, QS)		: 19 unit
Total Unit (Architecture, BEsT)		: 15 unit

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