Bachelor of Interior Architecture with Honours

Academic Staff (Interior Architecture)

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2.0 School Requirements (Academic)

Courses

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

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'.

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'.

Practical Training Course

Bachelor of Interior Architecture students are required to undertake Practical Training for a period of 24 weeks (6 months) in Year Four Semester One.

Unit Requirements

Unit requirement for graduation is as follows:-

Bachelor of Interior Architecture (4 years)

Bachelor of Interior Architecture Programme	
Courses	Units
Core Courses	103
Elective Courses	21
University Courses	19
Total	143

Course Duration

Bachelor of Interior Architecture (4 years)	
Period	B.Sc. (HBP)
Minimum semesters	8 (4 years)
Maximum semesters	14 (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 B- and above is considered as a passing grade

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.

Interior Architecture Programme (4 Year)

A. Core Courses (103 Units)

Code and Title			Unit	Semester	Year	TICK ✔
RDS 101	-	Interior Architecture 1	7	1	1	
RDS 102	-	Interior Architecture 2	7	2	1	
RAG 161	-	Building Construction I	3	1	1	
RDS 201	-	Interior Architecture Studio 1	7	1	2	
RDS 202	-	Interior Architecture Studio 2	7	2	2	
RAG 234	-	Computer Aided Design for Architecture	3	1	2	
RDG 235	-	Ergonomics	3	1	2	
REG 261	-	Building Services	3	2	2	
RDB 217	-	Exhibition and Display	3	2	2	
RDG 262	-	Interior Architecture Lighting	3	1	2	
RDB 263	-	Interior Architecture Detailings and Finishes	3	2	1	
RDS 301	-	Interior Architecture Studio 3	7	1	3	
RDS 302	-	Interior Architecture Studio 4	7	2	3	
RDB 314	-	Design Management	3	2	3	
RDG 313	-	Design Workshop	3	1	2	
RDG 323	-	Design Presentation Technique	3	2	2	
RDG 334	-	Theory and History of Design	3	1	3	
RDG 336	-	Professional Practice for Interior Architecture	3	2	3	
RDG 366	-	Furniture Design	3	2	3	
RUL 474	-	Compulsory Industrial Training	12	1	4	
RDS 401	-	Interior Architecture Studio 5	7	2	4	
RDL 470	-	Interior Architecture Topical Studies	3	2	4	

B. Elective Courses (21 Units)

Code and Title			Unit	Semester	Year	TICK ✔
RMK 153	-	Principles of Construction Economics*	3	1	1	
RAG 132	-	Introduction to Built Environment & Human Settlement*	3	1	1	
RAG 121	-	Environmental Science 1*	3	1	1	
RPK 221	-	Landscape Planning*	3	1	2	
RAK 232	-	Principles of Architectural Design*	3	1	3	
RMK 252	-	Principles of Project Management*	3	2	1	
RAG 333	-	Advanced Computer Aided Architecture Design*	3	1	3	
RPK 333	-	Methodology and Techniques of Research	3	2	3	
RDG370	-	Measured Drawing in Interior Architecture*	3	2	3	

*Recommended courses

C. University Requirements (19 Units)

The Interior Architecture Program requires 19 units of University Courses for graduation. In order to graduate, the minimum passing grade required is Grade C.

UNIVERSITY COURSE REQUIREMENTS		CREDIT TOTAL	
		Local Students	International Students
General Studies (MPU)			
U1	Local Students ▪ HFF225 (Philosophy and Current Issues) (2 credits) ▪ HFE224 (Appreciation of Ethics and Civilisations) (2 credits) ▪ LKM400 (Bahasa Malaysia IV) (2 credits) International Students of Science and Technology ▪ HFF225 (Philosophy and Current Issues) (2 credits) ▪ LKM100 (Bahasa Malaysia I) (2 credits)	6	4
U2 Or U3	Local Students ▪ WUS101 (Core Entrepreneurship) (2 credits) ▪ English Language Courses (4 credits) International Students ▪ 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: ▪ Co-curricular courses ▪ Skill courses/Foreign Language Courses/ Other courses offered by other schools	5	5
	CREDIT TOTAL	**19**	**19**

Course Synopsis

Courses in Interior Architecture

RDS 101 Interior Architecture 1

This foundation studio course focuses on the fundamental aspects of art and design. It introduces the elements and principles of the discipline through a series of sequential and progressive creative projects (size under 100 sqm), enabling students to refine their design skills and knowledge. This foundation studio course focuses on the fundamental aspects of art and design. It introduces the elements and principles of the discipline through a series of sequential and progressive creative projects, enabling students to refine their design skills and knowledge.

Learning Outcomes

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

(i)   Generate basic design concepts based on fundamental knowledge of art and design.
(ii) Sketch using various art mediums (manually) for basic design technical drawings.
(iii) Showcase and present basic design skills systematically.
(iv) Resolve design issues collaboratively towards a creative and high-quality final product.

RDS 102 Interior Architecture 2

This course explores small-scale residential design (100–200 sqm, single-storey and mezzanine), focusing on spatial organization, anthropometry, and problem-solving. Students develop skills in architectural documentation, manual rendering, and sustainable design.

Learning Outcomes

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

(i)   Demonstrate skills in designing plans and details of building elements that align with interior architectural documentation.
(ii) Use a variety of manual art mediums for basic technical drawings of interior architecture.
(iii) Explain the concept of spatial organization in buildings confidently and effectively.
(iv) Develop and present creative and practical interior design solutions collaboratively.

RDS 201 Interior Architecture Studio 1

This course trains students on the basics of planning interior spaces, focusing on designing effective layouts and selecting elements for commercial spaces (200-400 sqm).

Learning Outcomes

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

(i)   Conceive innovative design ideas that suggest ideal spatial solutions.
(ii) Display creative visual expressions that reflect the appropriate use of design elements and principles.
(iii) Solve design issues and group tasks through collaborative teamwork.
(iv) Explain the design process and outcome using a clear and cogent narrative.

RDS 202 Interior Architecture Studio 2

This course focuses on the planning of complex interior spaces for a hospitality building on an actual site. Students will be challenged to understand, plan, and systematically design a building interior spanning 500-1000 sqm, with particular emphasis on design thinking and a strong sense of place.

Learning Outcomes

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

(i)   Demonstrate visualisation skills that portray aesthetic, practical, sustainable, and ethical values.
(ii) Generate strategic ideas to optimize the use of interior space effectively for occupants' well-being.
(iii) Produce pre-design findings through varying initiatives, integration of ideas and collaborative efforts.
(iv) Present design solutions in a cogent, succinct and professional manner.

RDB 217 Exhibition and Display

This course is fully coursework-based and introduces students to the principles of exhibition design, including the techniques and practices for displaying objects in various contexts. It emphasises a comprehensive understanding of design theory, concept development, and functional integration. Students will explore diverse exhibition types, strategic planning, special effects, art installations, and innovative construction methods for presenting design ideas. The course fosters critical thinking, creativity, and professional skills, preparing students to create holistic, values-driven, and sustainable design solutions that contribute positively to societal, cultural, and environmental contexts.

Learning Outcomes

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

(i)   Relate the principles of exhibition design to interior design accurately and comprehensively, demonstrating in-depth understanding of professional application.
(ii) Critically explore exhibition and display design theories that apply sustainability and professional characteristics, while providing relevant creative proposals.
(iii) Demonstrate aspects of display design including theory, concepts, functions, and exhibition categories with technical accuracy and creativity, meeting industry standards.

RDG 262 Interior Architecture Lighting

This course introduces students to the principles of lighting design, covering light application, the development of the lighting field, and the use of lighting technologies. It also explores relevant research and developments in the field.

Learning Outcomes

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

(i)   Explain the importance of using artificial and natural lighting in space selection.
(ii) Apply natural and artificial lighting techniques as space solutions.
(iii) Evaluate and report space design solutions based on lighting concepts.

RDG 235 Ergonomics

Ergonomics is a key component in Interior Architecture. This course equips students with the knowledge and skills to design furniture and spaces based on anthropometry, precise measurements, and user comfort. It also covers contemporary design trends and historical influences relevant to furniture design, emphasizing their integration into the overall design process to ensure user well-being and sustainability.

Learning Outcomes

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

(i) Analyse the relationships of human, physical, and emotional factors to interior design to produce effective solutions.
(ii) Produce workspace designs that respond to human senses, based on ergonomic design principles.
(iii) Present interior space design ideas with clear and professional visual and oral communication.

RDB 263 Interior Architecture Detailings and Finishes

This course cultivates foundational knowledge and practical skills in interior design detailing and construction, integrating building systems, renovation techniques, materials selection, and finish detailing for floors, walls, ceilings, and vertical circulation. It also promotes an understanding of soft furnishings, partitions, and renovation elements within wall detailing, nurturing learners' critical thinking, creativity, and ethical decision-making in design practice.

Learning Outcomes

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

(i) Visually demonstrate the suitability of finish materials in building construction to address sustainability issues.
(ii) Connect finish materials with building design to achieve optimal and cost-effective outcomes.
(iii) Illustrate various building materials, their components, and detailed construction elements in relation to interior design.

RDS 301 Interior Architecture Studio 3

This studio course explores key aspects including Green Building principles, Universal Design, and Uniform Building By-laws, with a focus on internal circulation in institutional buildings (1000–1500 sqm).

Learning Outcomes

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

(i) Explain principles and concepts of sustainability in interior architectural planning.
(ii) Generate creative solutions for internal space circulation concepts in architectural contexts.
(iii) Analyse the form, space, and internal functions of institutional buildings applying the concepts of Green Building and Circulation.
(iv) Apply effective communication methods based on interior architectural principles.

RDS 302 Interior Architecture Studio 4

This course explores integrated design strategies for complex double-storey spaces (1500–2000 sqm), incorporating universal design, green building principles, and branding concepts. Students analyze structural systems, materials, and user needs to develop sustainable and functional solutions. The course emphasizes research-driven design, technical execution, and holistic thinking for integrated interior environments.

Learning Outcomes

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

(i) Explain appropriate and logical design themes and structural systems.
(ii) Demonstrate spatial relationships, material selection, and the integration of diverse activities within a space.
(iii) Create meaningful interior spaces by incorporating the Green Building Index (GBI), Universal Design (UD), and Uniform Building By-laws (UBBL) of Malaysia.
(iv) Understand design costing, management, and spatial development based on function, space, and landscape in interior architecture.

RDB 314 Design Management

This course complements and expands on professional practice discourse by focusing on design practice management, business operations, marketing strategies, client engagement, and emerging trends in the interior design industry. Students will gain insight into effective management techniques, brand positioning, and customer relations, equipping them to thrive in a dynamic professional landscape.

Learning Outcomes

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

(i) Critically analyze professional responsibilities in interior design to apply ethical decision-making using structured critical thinking and reflective discussion.
(ii) Assess entrepreneurial strategies in the interior design industry to develop innovative and feasible solutions that address industry challenges.
(iii) Examine emerging interior design trends to critically evaluate industry challenges and demonstrate effective communication and strategic problem-solving skills.

RDB 314 Design Management

This course enhances visual awareness while developing manual and digital skills in black-and-white mediums. It focuses on the exploration and application of visual communication tools. Through hands-on training, students will acquire both artistic and technical proficiencies in executing effective visual communications.

Learning Outcomes

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

(i) Selects and applies various black-and-white drawing media such as pencil, marker, pastel, charcoal, and Chinese ink with mastery of techniques that meet artistic visual standards.
(ii) Analyses and produces graphic communication highlighting mood, environment, ambience, and spatial identity in black-and-white, with consistent visual accuracy.
(iii) Produces and presents effective design presentations for marketing purposes, fulfilling client requirements, and adhering to industry and professional standards.

RDG 323 Design Presentation Techniques

This course introduces students to a variety of colour presentation techniques widely used in the interior design industry. It focuses on the application of traditional and digital media to develop students' visual communication skills for design presentation. Through this course, students will create high-quality final presentations that effectively convey design concepts and ideas.

Learning Outcomes

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

(i) Demonstrate the ability to choose a variety of color drawing media such as pencils, markers, watercolors and computer-aided designs.
(ii) Create graphic communication through the formation and setting of mood, environment, atmosphere and spatial identity by focusing on colorus, textures, materials and finishes.
(iii) Relate appropriate drawing methods and techniques in producing effective design presentations for market purposes and meet client needs.

RDG 334 Theory and History of Design

The course covers the development of interior design from its early origins to the present day. It introduces and explores various theoretical perspectives on contemporary society and culture to examine historical issues relevant to the field of Interior Design and related disciplines. The course also aims to develop students' intellectual and critical awareness, enabling them to become familiar with relevant information sources, and to enhance their research and design skills.

Learning Outcomes

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

(i) Analyse the development of past designs and evaluate the role of designers in pioneering local design.
(ii) Demonstrate sensitivity in comparing and linking different theories and social events related to contemporary society and culture in interior design.
(iii) Exhibit critical awareness of the impact of design on society and culture through reflective communication.

RDG 336 Professional Practice for Interior Architecture

This course introduces key aspects of the professional interior design field, including legal and ethical considerations, regulatory entities, relationships with relevant stakeholders, and industry-specific matters.

Learning Outcomes

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

(i) Apply interior architecture theories and practices to address sustainability and ethical issues in the industry.
(ii) Examine case studies of interior architecture firms to understand professional ethics and sustainability efforts.
(iii) Demonstrate professional interior architecture ethics towards leadership and sustainability.

RDG 366 Furniture Design

Furniture is an important component of the interior design field. This course assists students in understanding the design of furniture, the trends in design, and the relevant historical aspects of furniture design, all of which contribute to the completion of the design process.

Learning Outcomes

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

(i) Provide feedback on materials, techniques, and design trends (Eastern and Western styles) for sustainable furniture design.
(ii) Design furniture integrating function, technology, presentation, user safety, and sustainability.
(iii) Describe appropriate furniture types based on professional, sustainable, and ethical design practices for future marketability.

RDG 370 Measured Drawing in Interior Architecture

This course provides foundational knowledge of interior architecture in the context of heritage buildings. It focuses on the holistic process of measuring, recording, and documenting selected buildings of architectural and cultural significance through technical drawings, comprehensive reports, and integrated 3D multimedia presentations. The course nurtures students' appreciation of heritage values and instills ethical and responsible practices in preserving architectural heritage.

Learning Outcomes

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

(i) Illustrate functions, concepts, styles, materials, construction methods, decorations, and carvings of heritage buildings while emphasizing their historical significance.
(ii) Apply appropriate methods and modern technology to accurately document heritage buildings and produce measured drawings.
(iii) Advocate for the relevance and conservation of built heritage in today's world.

RDS 401 Interior Architecture Studio 5

This capstone course immerses students in the design and development of complex, large-scale interior architecture projects (exceeding 2500 sqm or comprising multi-storey structures) within commercial, hospitality, institutional, and integrated-use contexts. Emphasising advanced design strategies, feasibility assessments, and professional documentation, students will refine their methodologies and present innovative, sustainable solutions through comprehensive final proposals. The course reinforces professional practice standards and promotes the integration of empirical evidence, ethical values, social responsibility, and environmental sustainability into the design process.

Learning Outcomes

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

(i) Identify and apply ethics and professionalism in interior architecture design projects.
(ii) Demonstrate personal and collaborative skills in interior architecture design.
(iii) Produce innovative and sustainable interior designs using digital tools.
(iv) Prepare accurate cost justifications for interior design projects.

RDL 470 Interior Architecture Topical Studies

This course cultivates research-driven designers by embedding a systematic research process into studio-based design practice. Students will learn to identify and critique scholarly sources, gather and interpret data, and effectively document their findings for potential publication in academic journals. This approach nurtures an inquisitive mindset and fosters evidence-based design decisions.

Learning Outcomes

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

(i) Plan the research process and present the research proposal on interior architecture issues with a suitable time schedule.
(ii) Summarise and support issues in interior architecture research and prepare research papers for publication.
(iii) Exhibit ethical attitudes in constructing research solutions focused on interior architecture issues and submission of thesis in a specific time frame.

COURSE STRUCTURE

UNDERGRADUATE PROGRAMME
INTERIOR ARCHITECTURE

YEAR 1

SEMESTER 1				SEMESTER 2			
RDS 101/7	Interior Architecture 1	T	7	RDS 102/7	Interior Architecture 2	T	7
RAG 161/3	Building Construction 1	T	3	RDB 263/3	Interior Architecture Detailings and Finishes	T	3
RAG 121/3	Environmental Science 1	E	3	RMK 252/3	Principles of Project Management*	E	3
RAG 132/3	Introduction to Built Environment & Human Settlement	E	3	WUS 101/2	Core Entrepreneurship. (University Course)	U	2
RMK 153/3	Principles of Construction Economics*	E	3		University Course	U	3
	University Course	U	2				
	UNITS		**21**		**UNITS**		**18**

YEAR 2

SEMESTER 3				SEMESTER 4			
RDS 201/7	Interior Architecture Studio 1	T	7	RDS 202/7	Interior Architecture Studio 2	T	7
RDG 235/3	Ergonomics	T	3	RDB 217/3	Exhibition and Display	T	3
RAG 234/3	Computer Aided Design for Architecture*	T	3	RDG 323/3	Design Presentation Techniques	T	3
RDG 313/3	Design Workshop	T	3	REG 261/3	Building Services	T	3
RDG 262/3	Interior Architecture Lighting	T	3		University Courses	U	4
	University Course	U	2				
	UNITS		**21**		**UNITS**		**20**

YEAR 3

SEMESTER 5				SEMESTER 6			
RDS 301/7	Interior Architecture Studio 3	T	7	RDS 302/7	Interior Architecture Studio 4	T	7
RDG 334/3	Theory and History of Design	T	3	RDB 314/3	Design Management	T	3
RAK 232/3	Principles of Architectural Design	E	3	RDG 366/3	Furniture Design	T	3
RAG 333/3	Advanced Computer Aided Architecture Design	E	3	RDG 336/3	Professional Practice for Interior Architecture	T	3
	University Courses	U	3	RDG 370/3	Measured Drawing in Interior Architecture	E	3
	UNITS		**19**		**UNITS**		**19**

YEAR 4

SEMESTER 7				SEMESTER 8			
RUL 474/12	Compulsory Industrial Training	T	12	RDS 401/7	Interior Architecture Studio 5	T	7
				RDL 470/3	Interior Architecture Topical Studies	T	3
					University Courses	U	3
	UNITS		**12**		**UNITS**		**13**

	Core Courses	T	103
	Elective Courses	E	21
	University Courses	U	19
	TOTAL UNITS		**143**