### Successful Alumni Faculty of Architecture & Built Environment



"Limkokwing University has portrayed to me the many facets of the Built Environment especially through the multi-cultural ecosystem within the University"

#### Edmund Low Lup Yin, Malaysia Graduated 2008 - BA in Interior Architecture Now - Interior Architect, Custom Design Group



'Studying in Limkokwing University has broadened my view and Perspectives in Interior Design and the possibilities of the future pathway."

### Felicia Arista Sukuwandono, Indonesia

Graduated 2011 - BA in Interior Architecture Now - Owner at FULLSTOP, Indonesia



"I'm glad to tell that I have friends from different countries. It is a joy to be able to blend with classmates from different cultures and background. Through that, it opened my mind and thinking, and made me a step further than others in the same Architecture career.'

#### Cheong Yee Sem, Malaysia

Graduated 2012 - BSc in Architectural Studies Now - Assistant Architect at UIG Architects, Malaysia

### **Hi-Income Built Environment Careers**

Interior Architecture • Interior Architect • Furniture Designer • Retail Designer • Visualizer • Exhibition Design • Event Manager • Public Space Planner • Commercial Space Planner • Set Designer • Residential Designer • Cad Designer • Information Designer • Project Management Consultant • Color Consultant • Arbitrator For Interior Design Urban Planning & Design • Transportation Planner • Consultant Planner • Urban Designer • Urban Planner • Urban Landscape Designer Landscape Architecture • Landscape Designer • Landscape Architect • Nursery Manager • Golf Court Designer • Theme Park Designer • Conceptualiser • Project Manager • Landscape Consultant Construction Management • Site Manager • Construction Manager • Site Supervisor • Project Manager **Architectural Studies** • 3D Visualiser • Assistant Designer • Design Consultant • Graphic Designer • Architectural Assistant • Project Manager • Project Coordinator • Site Supervisor • Interior Designer/interior Architect • Landscape Designer • Architectural Model Specialist • Architecture Draftsman • Cad/3D Visualiser • Theme Park Conceptual Architect Architectural • Architectural Assistant • Architectural Draftsman • Architectural Photographer

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## **Malaysia's University of transformation & University of innovation**

Double recognition by the Government of Malaysia

Inovasi 1-1, Jalan Teknokrat 1/1, 63000 Cyberjaya, Selangor Darul Ehsan, Malaysia facebook.com/limkokwing twitter.com/limkokwing youtube.com/limkokwing Tel: 03 8317 8888 Fax: 03 8317 8988 www.limkokwing.net







#### **Bachelor of Science (Hons) of Construction Management**

is a professional discipline that exists within the overall framework of the construction industry taking into consideration of basic issues such as time frame, availability of material, labor and human resource, and financial constraints.

#### **Entry Requirements**

- Pass STPM/A Levels with minimum 2 principals; OR
- Pass Foundation / Matriculation programme in related field; OR
- Pass Diploma in related field
- Any other equivalent qualifications recognised by the Malaysian Government.

#### Semester 1

- Construction Technology 1
- Building Structure 1
- Building Services 1
- Information Technology & Communication
- Technical & Construction
- Construction Materials 1
- Select one:
- Malaysian Studies Co-Curriculum 1

#### Semester 2

- Building Structure 2
- Building Services 2 Building Quantities
- Building Science Construction Materials 2
- Building Estimating

- - Semester 4
  - Sustainable & Green
  - Management

 Bahasa Kebangsaan A/B Co-Curriculum 2

### Semester 3

- Construction Technology 3 Construction Managemen
- Construction Law
- Procurement System Construction Economics
- Production Management CAD-Computer Aided Design
- Select one: • Islamic/Moral Studies

# Co-Curriculum 3

- Construction Management 2
- Construction Professional Practice &

#### Contract Management • Facilities and Maintenance

- Management
- Research Methodology
  Construction Health & Safety • Global Classroom

#### Semester 5

 Construction Industry Attachment

## Semester 6

- Construction
- Management 3 Project Evaluation & Development
- Financial Management
- Construction Business Management
- Management Theory & Practice Research Project

#### **Bachelor of Science (Architectural Studies)**

Is the first part of the Architect's training. The three years delivered in this programme precedes the final two years available in the Bachelor of Architecture. The course provides a mix of architectural and general university studies throughout the program.

#### **Entry Requirements**

- Pass STPM/A Levels with minimum 2 principals; OR
- Pass Foundation / Matriculation programme in related field; OR
- Pass Diploma in related field
- Any other equivalent qualifications recognised by the Malaysian Government.

Students with a recognised Diploma in the relevant field will be given credit exemptions based on past results and portfolio review (where applicable).

- Semester 1 Communication Principles
- for Architecture Architectural Design &
- Theory 1 Architecture Technology 1
- Architecture Communication 1
- Computer Aided Design 1
- Architecture Graphics Elective Ethnic Relations
- Malaysian Studies

#### Semester 2

- Architectural Design 2 Architecture Technology 2
- Architecture Science 1 Architecture Communication 2 Architecture History &
- Theory 1 • Islamic Civilisation and
- Communication Malay Language 2

#### Semester 3

- Leadership Skills & Human Relations - 2CR
- Entrepreneurship 2CR • Architecture Science 2 • Architecture Design 3
- Architecture Technology 3 Digital Communication
- Asian Civilisation Theory 2
- Architecture History &
  - Bahasa Kebangsaan A/DIP

#### Semester 4 • Architecture Design 4

- Architecture Technology 4
- Architecture Science 3 Architecture Communication 3
- Architecture History & Theory 3
- Global Classroom Malaysian Economy
- Government and Public Policy of Malaysia
- Global Classroom Semester 5
- Architecture Science 4 Practical Training 1
- Special Studies Architecture Design 5
- Architecture Technology 5 Architecture History &
- Theory 4 • Elective 1 - Architecture Conservative Studies
- Community Services Co-Curricular
- Semester 6

- Architectural Design 6 • Integrated Technologies
- Working Drawing
- Architecture Communications Project
- Architecture Seminar

### **Bachelor of Civil Engineering**

Over the next decade the landscape of the world will be hugely transformed as new and exciting engineering projects materialize, such as the world's first shipping tunnel, a space age underwater hotel and the world's biggest shopping mall. At the heart of these projects are civil engineers who plan and build structures as wide training as bridges, buildings, transport systems and dams. The majority of civil engineering careers are with engineering firms or construction companies and the largest percentage of civil engineering careers are as structural engineers.

### **Entry Requirements**

- Pass STPM with 3 principals or 'A-Levels' or equivalent or Foundation, Matriculation, or pre-university equivalent and Grade C/grade point 2.0 and above (include Mathematics, Physics and Chemistry);
- or Pass Diploma or Education Malaysia or equivalent and with Grade C/grade point of 2.0 and above (include Mathematics, Physics and Physics)
- or complete Year 12, or equivalent, for international Students endorsed by the embassy of the country of study with Grade C/grade point 2.0 and above (include Mathematics, Physics and Chemistry) and pass the English Placement Test or IELTS with a score of 6.0.

#### Semester 1

- Engineering Mathematics I (Vector Calculus)
- Statics and Dynamics
- Computer Programming Engineering Surney
- Malaysian Studies Semester 2
- Engineering Mathematics II (Algebra) Structural Analysis I
- Strength of Materials Bahasa Kebangsaan A/B Civil Engineering Materials
- Semester 3 • Engineering Mathematics III (Differential Equations)
- Environmental Engineering · CAD in Civil Engineering

Fluid Mechanics

• Structural Analysis II Soil Mechanics

• Engineers and Society

Semester 5

Semester 4

(Statistics)

- **Technologies**
- Foundation Engineering
- Semester 6

- Islamic Studies/Moral Studies • Site Investigation
- Engineering Mathematics IV
- Waste water Engineering
- Hydrology and Water Resources
- Hvdraulics Construction Methods and
- Structural Design I (Reinforced Concrete)
- Highway & Traffic Engineering
- Sustainable Urban Planning

- Stormwater Management
- Professional Ethics and Law • Structural Design II (Structural Steel) Intersession Industrial Training

# Semester 7

- Engineering Management Capstone Project I
- Structural Design III (Prestressed Concrete) • Elective I
- Elective II • Final Year Project I
- Semester 8
- Project Management • Capstone Project II
- Flective III. Final Year Project II

# **ARCHITECTURE & BUILT ENVIRONMENT**

Architecture and the Built Environment faculty provides the first stage in obtaining professional qualifications in Contsruction Management, Urban planning & Design Architecture. The courses are dynamic and demanding, bringing a positive contribution to the shaping of the built environment and culture. The programs offers highly respected lifetime careers that involve the society.



#### **Foundation in Built Environment**

The program provides the fundamental and basic knowledge and skills to those who aspire to be involved in the field of Architecture and the built environment. It encompasses all aspects of creative and critical thinking through design development, theory and skill-based modules, while understanding the historical background of the built environment, as well as its applications and other related aspects.

#### **Entry Requirements**

- Pass SPM/SPMV/O Level with 5 credits including English language
- Any other equivalent qualifications recognised by the Malaysian Government.

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#### Semester 1

• Introduction to Design 1

**Diploma** 

- Drawing 1
- Foundation Math Introduction to The Built
- Foundation English 151
- Malaysian Studies
- Semester 2
- - Applications 152
  - Foundation English 152
  - Bahasa Kebangsaan A

- Semester 3 • Introduction to Design 3 • Introduction to Design 2
- Concepts

• Surveying 2 & LAB

Structural Engineering Design 2 (Steel)

Concrete Technology

Water and Wastewater

CAD in Civil Engineering

Construction Management

Building Interior Design

and Construction

Construction LAB

Semester 6

Urban Planning

Semester 5

# **Diploma in Civil Engineering**

Civil Engineering, the most diverse branch of engineering, is directly related to facilities and systems used by the public in their daily life. Civil engineers are engaged in the planning, design, construction, and maintenance of bridges, buildings, foundations, dams, sanitary and solid waste disposal systems and related environmental considerations, highways, airport facilities, transportation systems, waterways, hydroelectric installations, pipelines, coal preparation and loading facilities, and other systems and structures. Engineering students get a sound basic knowledge of science and a set of core courses in humanities and social sciences.

#### **Entry Requirements**

- Sijil Pelajaran Malaysia (SPM) or equivalent with at least 3 credits including Mathematics and one science, technical or vocational subject AND pass English, OR
- Pass Certificate level in related field by a certified Higher Education Provider (HEP) with CGPA at least 2.00. OR

Bahasa Kebangsaan B

DIP/DEG(International)

Structure Elements

Surveying 1 & LAB

Semester 4

Fluid Mechanics

Water Resource

• Islamic Studies/ Moral

Structural Engineering

Transportation Engineering

Design 1(Concrete)

• Engineering Mechanics & LAB

CAD in Civil Engineering LAB

 Pass Certificate of Vocational /Technical /Skills \* in related field by certified Higher Education Provider (HEP) or equivalent with 1 year work experiences in related field or minimum 1 semester bridging programme and pass SPM with a least 1 credit; or #Only Skills Certificate (SKM) Level 3 is accepted.

#### Semester 1

- Mathematics-
- Engineering Physics-I & LAB Semester 3
- Engineering Chemistry & LAB Computer Application LAB
- Introduction to Built
- Environment Malaysian Studies (Degree)

#### Semester 2

- Engineering Calculation Mathematics-1I
- Engineering Physics-II & LAB
- Engineering Drawing
- Construction Materials Bahasa Kebangsaan / DIP/DEG(Local)

### • Drawing 2

- - Measurements &
  - History & Cultural Studies 1
- Building Technology &
- History & Cultural Studies 2 Introduction to Project

- Semester 2
  - ecture Construction 2 Building Materials 2

**Entry Requirements** 

- Building Structure 2
- Architecture Drawing 2 Architecture Design 2

Semester 1

Building Construction

Building Structure 1

Architecture Drawing

Architecture Design

Foundation English 151

Communication - Malay

Language 1 (international

Malaysian Studies (local)

#### • Foundation English 152 • Thinking Skills (local)

The program is designed to prepare students for a career that supports the

building design industry. It equips students with the necessary technological

skills and knowledge that range from building services, building construction,

building technology and materials, technical and CAD drawings and office practice.

• Any other equivalent qualifications recognised by the Malaysian Government.

Pass SPM/O Level with 3 credits including English language

- Bahasa Kebangsaan A (International)
- Semester 3 Building Constuction 3
- Architecture Drawing 3 Architecture Computing
- Architecture Design 3 Building Services 1
- of Malaysia Semester 4
- Building Construction 4 Working Drawing

Constitution and Society

#### Building Services 2 Architecture Science

# Community Services

### Semester 5

- Architectural Techniques Architecture Design 5 Architectural Theory
- & Practice
- Technical Report Writing Semester 6
- Architecture Design 6 Architecture & Culture
- Architecture Office Practice
- Architectural Options

# **Diploma in Interior Design**

**Diploma in Architectural Technology** 

This program exists in the overall framework of the building industry with its own area of specialty and considerations primarily for the interior environment. The course takes into consideration basic human needs and aspirations for living through its expressions of style, structure, function and form.

### **Entry Requirements**

• Pass SPM/O Level with 3 credits including English language

& Construction

Semester 3

Drawing 3

CADD 1

• Any other equivalent qualifications recognised by the Malaysian Government.

#### Semester 1

- Introduction to Design 1
- Creative Studies Measurement & Application
- History & Culture 1
- General English
- Communication Malay Language (International) Malaysian Studies (Local
- Semester 2
- Design 2 Drawing 2
- History & Culture 2
- Intro to Building Science

- Technical Studies 1 • History & Culture 4
- Communication Studies 1 Thinking Skills / Bahasa Professional Practice 221 Foundation English 152 Kebangsaan A\*

#### Co-Curriculum Semester 5

- Practicum Experience
- Communication
- Foundation English 151 Design 5 Constitution & Society of

### Malaysia Semester 4

• Building Construction

History & Culture 3

- Design 4 • Drawing 4
- Semester 6
- Principles 111
- Furniture Design 5
- Technical Studies 2 Professional Practice 222

### **Bachelor of Arts in Interior Architecture**

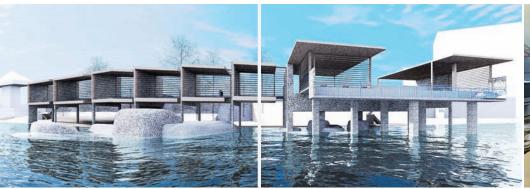
Enables students to solve realistic problems related to interior spaces and build up sound knowledge of construction as well as technical issues. This will see students develop understanding of the relationship between architecture. interiors and project management.

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**Entry Requirements** 







Research Methodology

Public Policy Making 2 –

Government and Politics

- Pass STPM/A Levels with minimum 2 principles; OR
- Pass Foundation / Matriculation programme in related field: OR

- Malay Language 2

Semester 3

History 241

DIP/DEG (Local)

241

- Pass Diploma in related field
- Any other equivalent qualifications recognised by the Malaysian Government.

Students with a recognised Diploma in the relevant field will be given credit exemptions based on past results and portfolio review (where applicable)

Furniture Design Workshop

Interior Architecture 241

• Digital Communication 241

Design Communication 241

Leadership Skill & Human

#### Semester 1

- Interior Architecture 141
- Architectural Graphic 141 Building Construction &
- Materials 141 Architecture Culture & History 141
- Theory & Practice of Design
- Building Science 141
- Environmental Psychology • Ethnic Relations/Malaysian Studies 3
- Semester 2
- Seminar / Workshop Interior Architecture 142
- Digital Communication 142 Design Commucation 142 Building Construction &
- Materials 142
- Architecture Culture & History 142
- Building Science 142 Islamic Civilisation and Asian
   Design Communication 242 Civilisation / Communication • Building Technology 242

#### Building Technology 241 Semester 5 Architecture Culture &

- Practical Training & Building Science 241 Bahasa Kebangsaan A Report 341
  - By Law 341

#### Semester 4

- Furniture Design Workshop Semester 6
- Furniture Furnishing Fitting & Equipment 242 • Interior Architecture 242
- Digital Communication 242

#### Malaysian Economy / Government and Public Policy of Malaysia

Global Classroom

• Environmental Study &

Professional Practice 242

Services 242

- Research Methodology 341
- Design Management &
- Relations / Entrepreneurship Community Services /

# Co-curricular

- Interior Architecture 342
- Directed Research 342 • Leadership in Energy & Environmental Design
- (LEED) 342 Project Management 342

# **Bachelor of Arts in Urban Planning & Design**

Is a professional discipline that explores several aspects of the built and social environment cities and communities anticipating the future outlook of the city. The design aspects responds to changes of the technology as well as construction that deals with the look and aesthetic details of urban places and spaces.

#### **Entry Requirements**

- Pass STPM/A Levels with minimum 2 principles; OR
- Pass Foundation / Matriculation programme in related field; OR
- Pass Diploma in related field
- Any other equivalent qualifications recognised by the Malaysian Government. Students with a recognised Diploma in the relevant field will be given credit exemptions based on past

 STUDIO 1 (Basic Planning) & Design Skills-Manual)

Computer Aided Design 1

- Introduction to Planning Evolution of Planning Ideas Communication Principles 111
- (Local students Malaysian Studies (International students)
- Semester 2
- & Design Skills-CAD) Site Planning Malaysian Society
- Computer Aided Design 2 • Elective 1 – Plant Material • Elective 1 – Project
- Islamic Civilization and Asia Civilization (local students) Communication Malay Language 3 (international
- Semester 3

- STUDIO 3 (Layout Design1)
- Planning Studio 3 Land Use Planning 1
- Environment • G.I.S in Planning Bahasa Kebangsaan A

Development & Urban

Entrepreneurship

(Local/International

(local student) Leadership Skill & Human Relatons (Local/International)

#### Semester 4

- STUDIO 4 (Layout Design2)
- Land Use Planning 2
- Transport and Traffic Planning Urban Economy Geograph
- Infrastructure Planning Malavsia Economy
- (Local/International) Government and Public Policy of Malaysia
- (Local/International) Community Services (Local/International
- Malaysia Industry Semester 5

Work Sociology and

- STUDIO 5 (Urban Design &

- Shaping The Metropolis Community & Housing
- Public Policy Making –

Global Classroom

Planning Theory

Sustainable Studies

- Structure Plan
- Planning Law (Malaysian in Planning • STUDIO 6 (Urban Design

#### Semester 6 Semester 8

- Planning Practice Research Project Semester 7
- Development Control & • STUDIO 6 (Urban Design & Management

Computer

Local Plan

• Elective 2 - Architecture

& Conservation)

Conservation • Elective 2- Construction Economics • Quantitative Technique and

# **Bachelor of Arts in Landscape Architecture**

Bachelor of Arts in Landscape Architecture is the profession which applies art and science principles to the research, planning, design and management of both natural and built environments. Landscape Architecture is a multi-disciplinary field, incorporating aspects of botany, horticulture, the fine arts, architecture, industrial design, geology and the earth sciences, environmental psychology, geography, and ecology that concerning the design and use of outdoor spaces and the land that includes site planning, town or urban planning, park and recreation planning, regional planning, garden design and historic preservation.

Pass Diploma in related field

- **Entry Requirements**
- Pass STPM/A Levels with minimum 2 principals; OR • Pass Foundation / Matriculation programme in related field; OR

Landscape

Landscape

Select One:

Relations

Entrepreneurship

Semester 4

History & Philosophy in

• Computer Aided Design 1

• Leadership Skill & Human

• Introduction to Landscape

• Any other equivalent qualifications recognised by the Malaysian Government

# Semester 1

- Basic Design Studio 1 Basic Landscape Design
- Theory
- Landscape Graphic 1
- English for communication Ethnic Relations (local) Malaysian Studies

Language 3

Semester 3

Landscape Design and

Planning Studio 3

#### (International students) Semester 2

- Landscape Design Studio 2 Basic Design Studio 2 Soil Science Landscape Design Theory
- Plant Materia Construction Landscape Graphic 2 Computer Aided Design CAD Islamic Civilization and
- Introduction to Forestry Asian Civilization Select One: Communication Malaysia Malaysia Economy
- Government and Public Moral Studies Policy of Malaysia Co-Curriculum 2 Select One:
  - Community Services Work Sociology and Malaysian Industry

#### Material and Technology in Semester 5 Landscape Design and

- Planning Studio 1 Asia Landscape
- Landscape Construction & Technology Bahasa Kebangsaan A (local) Environmental and

#### Sustainable Design BLA Elective 1

- Semester 6 Landscape Design and
- Planning Studio 2 Malavsia Landscape

#### BLA Elective 2 Semester 7

 Office Practice Semester 8

Landscape Maintenance

Research methodology

- Landscape Final Design Studio Project Management Housing Law
- Landscape Research Project