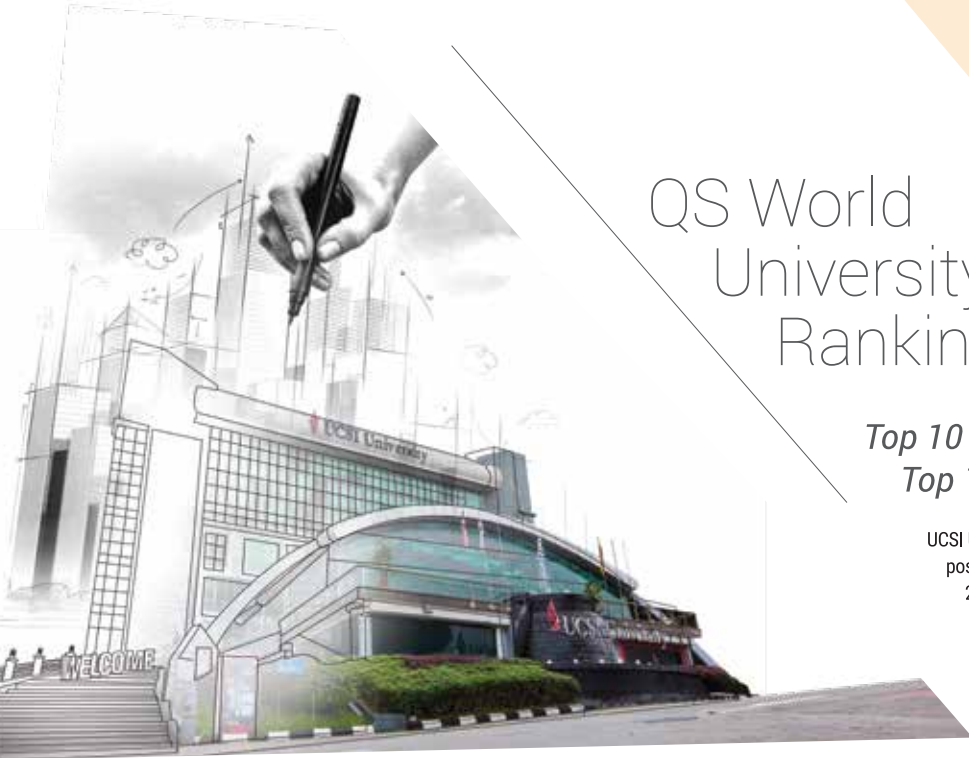


# FACULTY OF ENGINEERING, TECHNOLOGY AND BUILT ENVIRONMENT





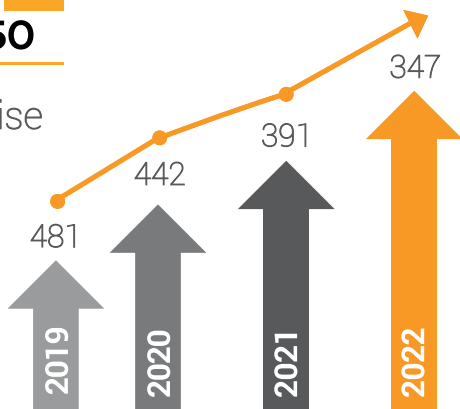
# QS World University Rankings 2022

**Top 10 in Malaysia –  
Top 1.1% in the world.**

UCSI University continues to hold a formidable position in the QS World University Rankings 2022 after it broke yet another barrier to be placed among the top 350 varsities worldwide. Climbing 44 spots, UCSI has been placed among the top 1.1% of the world's universities.



A steady rise to the top.



## UCSI's Milestones

### QS World University Rankings 2022

- A top seven university in Malaysia, along with the nation's five research universities.
- Ranked in the top 1.1% of all universities in the world.

### QS Graduate Employability Rankings 2022

- A top three university in Malaysia for producing employable graduates.

### QS World University Rankings by Subject 2021

- Ranked in the top 50 for performing arts.
- Ranked in the top 100 for hospitality and leisure management.
- Ranked in the top 150 for petroleum engineering.
- Ranked in the top 300 for business and management.



UCSI University is the first and only private university in Malaysia to receive a double recognition as a Regional Centre of Expertise (RCE) by the United Nations University in Kuching and Greater Kuala Lumpur.



**100%**  
EMPLOYABILITY SCORE

for 84 of the 87 UCSI's programmes listed in the Higher Education Ministry's Graduate Employability 2020 survey

Averagely, all 87 programmes scored **99.8%** in the survey.

MORE THAN **4600**  
global companies provide our students with internships.



Of our co-op partners would like to rehire UCSI Interns.

Students from over **110 NATIONS** 30% of UCSI's student population is international.



**>49%** of UCSI's academic staff are PhD holders and a further 20% are pursuing their doctorate.



**The 1<sup>st</sup>** university in Malaysia's private higher education sector to offer programmes in Aquatic Science, Biotechnology, Food Science, Music and Nutrition.



*The artist's impression of UCSI's education city.*

## Tomorrow's Education Today

***It's not just a campus expansion. It's an education city in the making.***

*Long-renowned for its excellent track record in teaching and learning, UCSI University is quickly making a name for itself in research and innovation. As the best private university in the nation for two years in a row according to the QS World University Rankings (2019 and 2020) and its recent elevation to the Top 1.1% Universities in the world, UCSI continues with its stellar momentum on the global stage propelled by its leading-edge academia.*

*Since 2014, UCSI's top students have been annually selected to advance high impact research at Harvard University, Imperial College London, the University of Chicago and Tsinghua University, among others.*

*Over the years, tens of thousands of students from 110 different countries have studied at UCSI University, making the campus a vibrant melting pot of culture and diversity.*

*At present, the university runs what is Malaysia's largest university-industry network through its Employment and Co-Operative Placement (Co-Op) programme, which provides employment support services for undergraduates and graduates, including alumni.*

*Today, it has over 4,600 global companies to provide each student with at least two months of internships each year. This network includes many of the world's best firms like Accenture, CIMB, Citibank, Deloitte, DHL, Ernst & Young, Hewlett-Packard, HSBC, KPMG, Maybank, Nestle, Samsung, Schlumberger, Standard Chartered, Ogilvy, P&G, Petronas and PWC, among others.*

*With these and more, UCSI stands out as a university that offers an education few can, provides experiences others can't and delivers life-defining outcomes for students everywhere.*

# Faculty of Engineering, Technology and Built Environment

A confluence of practical studies and theoretical learning, the Faculty of Engineering, Technology and Built Environment at UCSI University has developed a range of innovative programmes that are recognised by both local and international bodies like the Malaysian Qualifications Agency (MQA), the Malaysian Engineering Accreditation Council (EAC), and the Board of Engineers Malaysia (BEM). With Malaysia as a signatory of the Washington Accord, our programmes are also recommended for recognition by member countries including Australia, Canada, Ireland, New Zealand, UK and US.

Our academics build on two vital qualities: an eagerness to share their knowledge and a desire to engage students in the Faculty's research projects. Students will have access to industry-standard facilities and engineering software and technology.

Our top students are sent abroad annually for research attachments at some of the best universities in the world such as Imperial College London in the UK, Tsinghua University in China and the University of Queensland in Australia.

Your studies here will be insightful. But more than that, it will be meaningful. Theory will lead to cutting-edge practice. Your enthusiasm will lead you to achievements. And your work will be challenging and impactful. Engineer your future with us today.



## Why study Engineering at UCSI?

**A PLATFORM FOR TRANSDISCIPLINARY COLLABORATION WITH  
10 DISCIPLINES**

**>RM28MILLION INVESTED ON INDUSTRY-STANDARDS FACILITIES  
WITH IoT AND FACE RECOGNITION TECHNOLOGIES**

**RESEARCH ATTACHMENTS AT RENOWNED UNIVERSITIES LIKE  
IMPERIAL COLLEGE, TSINGHUA, AND QUEENSLAND**

**TWO INTERNSHIP PLACEMENTS FOR HIGHER EXTENSIVE  
INDUSTRIAL EXPOSURE**

**PROGRAMMES ARE RECOGNISED BY WASHINGTON  
ACCORD AND BEM**

# Renowned Academics

Learn from a team of acclaimed professors and academics who are at the forefront of their respective disciplines. Work with them, be mentored by them and benefit from their wealth of experience.



**ASSOCIATE PROFESSOR  
EUR ING IR TS DR ANG CHUN KIT**

*Dean*

*PhD in Mechanical Engineering  
BEng (Hons) Mechatronic Engineering*



**ASSISTANT PROFESSOR  
EUR ING IR TS DR LIM WEI HONG**

*Deputy Dean*

*PhD in Computation Intelligence  
BEng (Hons) Mechatronics Engineering*



**PROFESSOR DATO' IR TS DR MOHD RIZON  
BIN MOHAMED JUHARI**

*Professor*

*Doctor of Engineering (Computer Science and  
Intelligent Systems)  
Master of Electrical and Electronics Engineering  
Bachelor of Electrical and Electronics Engineering*



**PROFESSOR DATO' DR AHMAD IBRAHIM, FASc**

*Professor*

*PhD in Wastewater Engineering  
Bachelor of Chemical Engineering  
Fellow Academy of Sciences Malaysia*



**PROFESSOR DR MOHD RAZMAN BIN SALIM**

*Professor*

*PhD in Environmental Engineering  
Master of Civil Engineering (Sanitary Engineering)  
B.Sc. in Civil Engineering*



**ASSOCIATE PROFESSOR  
IR DR RODNEY TAN HEAN GAY**

*Associate Professor*

*PhD in Electrical Engineering  
MSc Microelectronic Engineering  
BSc E&E Engineering*



**ASSOCIATE PROFESSOR DR EZUTAH  
UDONCY OLUGU**

*Associate Professor*

*PhD in Mechanical Engineering  
MEng Mechanical Engineering  
BEng Mechanical & Production Engineering*



**ASSISTANT PROFESSOR  
DR LEE KIAT MOON**

*Head of Department*

*PhD in Bioprocess Engineering  
BEng (Hons) Chemical Engineering*

# Foundation

As we stand at the onset of the Fourth Industrial Revolution, engineers will play a starring role in the era of smart factories, the industrial internet of things, next-generation robotics and self-learning AI.

If you want to play a role in engineering the future, you'll need to acquire a fundamental understanding in science, technology, engineering and mathematics (STEM) which we provide at UCSI as well as a special focus on engineering design and advanced engineering technology.

At UCSI, you will learn from esteemed professors and academics who work on solutions that address global problems. You will also take part in industry visits, applying your knowledge at state-of-the-art laboratories and facilities. And as you lay the groundwork for further studies in Engineering, you will appreciate how this is more than a prep course. Join us and spring board your career.

## Start Focused. Stay Ahead.

UCSI's specialised foundation pathway helps you acquire a much stronger grasp of your chosen field of study while covering the overall reach of a standard foundation programme. Apart from helping you immensely as you progress to degree studies, UCSI's foundation programme also provides you with an early taste of what the industry expects.

### Compulsory Courses

- General Chemistry 1
- General Chemistry 2
- General Physics 1
- General Physics 2
- Introduction to Engineering
- Introduction to IR4.0 Technologies for Sustainable Development
- Fundamentals of Mathematics
- Introduction to Probability & Statistics
- Algebra & Trigonometry
- Introductory Calculus
- Computing Essentials



### Elective Courses *(choose any 3)*

- Introduction to Pharmacy
- Introduction to Formulation Science
- Biotech & Forensics: the Science that Drives Life
- Food & Nutrition: Journey Towards Health
- Current Topics in Aquaculture
- Role of Engineers in Society
- Elementary Engineering Design
- Introduction to Medical Sciences
- Soft Skills for Healthcare Professionals



### Bachelor Degrees

- Bachelor of Chemical Engineering with Honours
- Bachelor of Petroleum Engineering with Honours
- Bachelor of Mechanical Engineering with Honours
- Bachelor of Mechatronics Engineering with Honours
- Bachelor of Civil Engineering with Honours
- Bachelor of Electronics Engineering (Communication) with Honours
- Bachelor of Electrical and Electronics Engineering with Honours
- Bachelor of Computer Engineering (Artificial Intelligence) with Honours
- Bachelor of Environmental Engineering with Honours
- Bachelor of Energy Engineering with Honours
- Other related degree programmes

### English Language Requirement for Foundation in Science

Candidates who scored lower than B+ in SPM English Language will have to take the SE004 Basic English subject before taking the SE005 English Foundation subject in the foundation year.

Candidates with a minimum grade of A2 in UEC English Language, Band 2 in MUET, 30-31 in TOEFL, 4.0 in IELTS, grade C in O-Level or IGCSE or English 1119, 140 in Cambridge English Qualification, 140 in Cambridge Linguaskill, and 36 in Pearson Test are exempted from SE004 Basic English and SE005 English Foundation.

# Diploma In Electrical and Electronic Engineering

(R2/523/4/0217) (12/2024) (A5631)

*Students of this programme will receive a strong engineering foundation in electrical technology, telecommunication, control and instrumentation systems, as well as digital and analogue electronics. Expect plenty of hands-on training in cutting-edge laboratories as you hone your technical skills and tackle complex projects.*

*\*This programme received a 100% graduate employability score in the Ministry of Higher Education's Graduate Employability 2020 survey. (source: ge.mohe.gov.my/)*

## Did you know?

*The Electrical and Electronics Department received hardware sponsorship from Mikro MSC Berhad in May 2021.*



## Subject Listing

### Year 1

- Engineering Physics I
- Engineering Mathematics I
- Computer Applications
- Electrical and Electronic Principles
- Engineering Physics II
- Circuit Analysis I
- Engineering Design
- Digital Electronics
- Engineering Mathematics II

### Year 2

- Engineering Principles
- Applied Computing
- Circuit Analysis II
- Electrical Technology I
- Electrical Technology II
- Telecommunication Principles
- Industrial Studies
- Analogue Electronics
- Engineering Mathematics III
- Industrial Training I
- Project A

### Year 3

- Control and Instrumentation Systems
- Microprocessor Based Systems
- Project B

## Career Opportunities

Design Engineer | Project Engineer | R&D Engineer | System Design Engineer | Analog Design Engineer |  
Test Engineer | PCB Design Engineer | Electrical Engineer | Digital Design Engineer

# Bachelor of Chemical Engineering with Honours

(R2/524/6/0024) (05/2023) (MQA/FA9302)

This four-year programme combines the three basic physical sciences – chemistry, physics and biology – with mathematics, which makes it one of today's most versatile engineering fields. This allows room for specialisation in a very broad spectrum of fields, including bioprocess, petroleum refining, waste management and etc. At UCSI, students are exposed to a myriad of new technologies that are rapidly reshaping the society we live in.

\*This programme received a 100% graduate employability score in the Ministry of Higher Education's Graduate Employability 2020 survey. (source: [ge.mohe.gov.my/](http://ge.mohe.gov.my/))

## Did you know?

The Chemical Engineering students won the first prize in the Case Study Competition 2021 organised by UTAR on 5 July 2021.



KHOR MIN YAN



SIAW XUE NI



LOSHIINI SREE A/P SURESH



RAYAN J A MOHAMED

## Subject Listing

### Year 1

- Organic Chemistry
- Material Engineering
- Physical Chemistry
- Mathematical Methods for Engineers I
- Mathematical Methods for Engineers II
- Statistics
- Engineering Physics
- Engineering Design and Drawing
- Applied Chemistry Laboratory
- Material Engineering Laboratory

### Year 2

- Safety, Health and Environment
- Fluid Mechanics
- Thermodynamics
- Numerical Analysis
- Mass Balance
- Energy Balance
- Mass Transfer
- Programming for Engineers
- Thermofluid Laboratory
- Numerical Analysis Laboratory
- Industrial Training I

### Year 3

- Chemical Process Simulation and Design
- Engineers in Society
- Process Dynamics and Controls
- Heat Transfer
- Separation Process
- Environmental Engineering
- Reaction Engineering
- Process Instrumentation and Instrumental Analysis
- Engineering Management and Economics
- Unit Operations Laboratory
- Reaction and Process Control Laboratory
- Energy and Environment Laboratory
- Industrial Training II

### Year 4

- Final Year Project A
- Final Year Project B
- Plant and Safety Engineering
- Process Equipment Design
- Surface Chemistry and Catalysis
- Plant Design Project I
- Plant Design Project II
- Chemical Process Design and Optimization

### Elective Courses (Select 1 Specialisation Only)

#### Specialisation 1: Environmental and Sustainable Engineering

Industrial Effluents Engineering • Renewable Energies • Bioremediation Engineering

#### Specialisation 2: Petroleum Refining and Downstream Processes

Natural Gas Engineering • Petroleum Refining Engineering • Petrochemical Manufacturing Processes

#### Specialisation 3: Biochemical Engineering

Bioprocess Engineering • Bioremediation Engineering • Microbiology for Engineers

## International Degree Pathways

### University of Queensland

- Bachelor of Engineering (Hons) Chemical Engineering(2+2/2+2.5)
- Bachelor of Engineering (Hons) Chemical and Biological (2+3)

## Career Opportunities

Process Engineer | Product Engineer | Environmental Engineer | Design Engineer | Production Engineer | Quality Engineer | Service Engineer | Health and Safety Engineer | Risk Engineer | Project Engineer | Material Engineer | Research Engineer | Cost Engineer | Lab Engineer | Instrumentation Engineer | Process Control Engineer



# Bachelor of Petroleum Engineering with Honours

(R2/524/6/0025) (05/2023) (MQA/FA9301)

*Under a well-balanced curriculum that aims to provide both breadth and depth across petroleum engineering specialisations, students will build a solid foundation in oil and gas exploration, production and development as they master core topics in petroleum geology, petroleum economy and well completion.*

*At the Faculty, students will have access to well-equipped laboratories and sophisticated computers equipped with licensed engineering software such as NEXUS, COMPASS, t-navigator and other commercial reservoir simulation software. Industrial-based projects will also open the way for insights from industry experts. By the end of this four-year programme, they will have learnt to address pressing issues and design innovative solutions that benefit society and organisations.*

*\*This programme received a 100% graduate employability score in the Ministry of Higher Education's Graduate Employability 2020 survey. (source: ge.mohe.gov.my/)*

## Did you know?

*The faculty has made it to TOP 150 under the Petroleum Engineering category in the 2021 QS World Rankings by Subjects.*



## Subject Listing

### Year 1

- Organic Chemistry
- Material Engineering
- Physical Chemistry
- Mathematical Methods for Engineers I
- Mathematical Methods for Engineers II
- Statistics
- Engineering Physics
- Engineering Design and Drawing
- Material Engineering Laboratory

### Year 2

- Safety, Health and Environment
- Physical Geology
- Thermodynamics
- Numerical Analysis
- Fluid Mechanics
- Programming for Engineers
- Elements of Reservoir Rock and Fluid Properties
- Thermofluid Laboratory
- Numerical Analysis Laboratory
- Petrophysics Laboratory
- Industrial Training I

### Year 3

- Engineers in Society
- Petroleum Geology
- Drilling Engineering
- Reservoir Engineering I
- Reservoir Engineering II
- Oil and Gas Production Operations
- Well Completion
- Engineering Management and Economics
- Environmental Engineering
- Drilling Engineering Laboratory
- Petroleum Geology Laboratory
- Fieldwork
- Industrial Training II

### Year 4

- Final Year Project A
- Final Year Project B
- Enhanced Oil Recovery
- Natural Gas Engineering
- Formation Evaluation
- Reservoir Simulation
- Field Development Project I
- Field Development Project II
- Petroleum Economy
- Well Diagnosis and Treatment

### Elective Courses (Select 1 Specialisation Only)

#### **Specialisation 1: Reservoir Simulation and Management**

Advanced Reservoir Simulation  
Reservoir Management

#### **Specialisation 2: Petroleum Refining and Downstream Processes**

Petroleum Refining Engineering  
Petrochemical Manufacturing Processes

#### **Specialisation 3: Oil Field Operation**

Advanced Drilling Engineering  
Production System Planning

## Career Opportunities

Drilling Engineer | Production Engineer | Field Engineer | Reservoir Engineer | Operation Engineer | Project Development Engineer | Mud Engineer | Well Completion Engineer | Cost Engineer | Workover Engineer | Process Engineer | Subsea Engineer | Offshore Engineer | Simulation Engineer | Health and Safety Engineer

# Bachelor of Mechanical Engineering with Honours

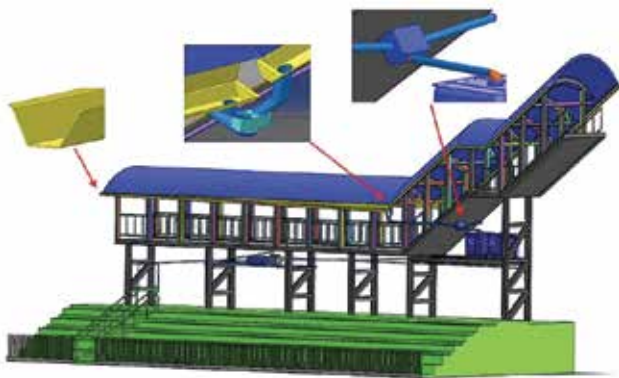
(R2/521/6/0054) (05/2025) (MQA/FA9304)

*This programme offers a comprehensive range of core engineering science courses and practical projects to ensure it is highly integrated and industry-relevant. As they progress, students will be well-equipped to not only design mechanical components and systems but also solve engineering problems by applying different techniques and strong analytical skills. They will be exposed to the latest advances in engineering technologies and with the emphasis on experimental work, students will gain the skills needed to take on the challenge of designing products and process that are faster, more versatile and environmentally friendly.*

*\*This programme received a 100% graduate employability score in the Ministry of Higher Education's Graduate Employability 2020 survey. (source: ge.mohe.gov.my/)*

## Did you know?

*Our Mechanical Engineering Design Project is community-driven, and it involves the modelling of plant watering irrigation system integrated with rainwater harvesting for the Friends of Sungai Klang Mid Valley River Three project; with the mission of transforming the Klang River to River Three Park.*



## Subject Listing

### Year 1

- Mathematical Methods for Engineers I
- Mathematical Methods for Engineers II
- Statistics
- Engineering Design and Drawing
- Circuit Theory I
- Engineering Statics
- Material Science
- Material Science Lab
- Engineering Software and Applications
- Manufacturing Processes

### Year 2

- Engineering Dynamics
- Electrical Power
- Thermodynamics I
- Thermodynamics Lab
- Fluid Mechanics I
- Fluid Mechanics Lab
- Solid Mechanics
- Solid Mechanics Lab
- System Dynamics
- Microcontroller Systems
- Numerical Analysis
- Safety, Health and Environment
- Industrial Training 1

### Year 3

- Engineers in Society
- Engineering Management and Economics
- Electrical Machine
- Instrumentation and Measurement
- Control Systems
- Thermodynamics II
- Fluid Mechanics II
- Mechanics of Machine
- Mechanical Engineering Design
- Heat Transfer
- Industrial Training 2

### Year 4

- Finite Element Analysis
- Mechanical Vibrations
- Production Planning and Control
- Integrated Design Project A
- Integrated Design Project B
- Final Year Project A
- Final Year Project B

### Elective Courses (Select 1 Specialisation Only)

#### Specialisation 1: Green and Sustainable Technology

- Green Vehicle
- Renewable Energy

#### Specialisation 2: Advanced Materials and Manufacturing

- Advanced Materials
- Non-Traditional Machining Processes

#### Specialisation 3: Thermal Fluid Engineering

- Computational Fluid Dynamics
- Heating, Ventilating & Air Conditioning

## International Degree Pathways

### University of Queensland Australia (2+2/2+2.5)

- Bachelor of Engineering (Hons) Mechanical

### University of Birmingham, UK

- BEng Mechanical Engineering (1+2)\*
- MEng Mechanical Engineering (1+3)

## Career Opportunities

Mechanical Engineer | Production Engineer | Mechanical Design Engineer | Manufacturing Engineer | Maintenance Engineer | Structural Engineer | Quality and Service Engineer | Material Engineer | HVAC Engineer | Project Engineer | Research Engineer

# Bachelor of Mechatronics Engineering with Honours

(R2/523/6/0241) (06/2027) (MQA/FA 3421)

*Integrating three major engineering disciplines, this programme places its main emphasis on the domains of mechanical engineering, electrical and electronic engineering and software engineering. Students will constantly analyse and design complex systems to meet challenges posed by emerging technologies. They will also learn a combination of mechanical, electronic and computer science techniques that will help them design, fabricate, assemble and maintain automation and modern manufacturing systems.*

*Expect to develop a solid understanding of the social, cultural, global and environmental responsibilities of the professional engineer while gaining high-level technical skills essential in managing modern engineering tasks.*

*\*This programme received a 100% graduate employability score in the Ministry of Higher Education's Graduate Employability 2020 survey. (source: ge.mohe.gov.my/)*

## Did you know?

*A team of Mechatronics Engineering students received 2nd Place Award in the 2021 RFS Drone Competition.*



International Degree Pathway

University Queensland (2+2.5)  
 • Bachelor of Engineering (Hons) Mechatronic

Career Opportunities

Mechatronics Engineer | Robotics Engineer | Software Engineer | Industrial Designer | Mechanical Systems Engineer | Mechanical Engineer | Mechanical Design Engineer | Project Engineer | Electro-mechanical Engineer

## Subject Listing

### Year 1

- Mathematical Methods for Engineers I
- Mathematical Methods for Engineers II
- Statistics
- Engineering Design and Drawing
- Circuit Theory I
- Engineering Statics
- Material Science
- Material Science Lab
- Engineering Software and Applications
- Manufacturing Processes
- Digital Electronics I
- Analogue Electronic I

### Year 2

- Engineering Dynamics
- Electrical Power
- Thermodynamics I
- Thermodynamics Lab
- Fluid Mechanics I
- Fluid Mechanics Lab
- System Dynamics
- Numerical Analysis
- Circuit Theory II
- Digital Electronics II
- Safety, Health and Environment
- Industrial Training 1

### Year 3

- Engineers in Society
- Engineering Management and Economics
- Electrical Machine
- Instrumentation and Measurement
- Control Systems
- Microcontroller and Embedded System
- Fluid Power and Drives
- Fluid Power and Drives Lab
- Power Electronics
- Industrial Training 2

### Year 4

- Robotic Systems
- Signal and Systems
- Industrial Automation
- Integrated Design Project A
- Integrated Design Project B
- Final Year Project A
- Final Year Project B

### Elective Courses (Select 1 Specialisation Only)

#### Specialisation 1: Machine Intelligence

Intelligent Systems  
 Machine Vision and Image Processing

#### Specialisation 2: Automation & Control

Advanced Control Systems  
 Green Vehicle

#### Specialisation 3: Advanced Manufacturing

Machine Vision and Image Processing  
 Non-Traditional Machining Processes

# Bachelor of Civil Engineering with Honours

(R2/526/6/0075) (06/2026) (MQA/FA9819)

In this programme, students will learn how to design, construct and maintain structures in the 'built environment'. They will apply what they learn to real-life projects where financial and ethical issues are taken into account. By the end of the programme, students will be well prepared to devise high impact solutions and change lives for the better.

\*This programme received a 100% graduate employability score in the Ministry of Higher Education's Graduate Employability 2020 survey. (source: [ge.mohe.gov.my/](http://ge.mohe.gov.my/))

## Did you know?

Three (3) students from the Institute of Civil Engineering (ICE) UCSI Student Chapter Club has joined an international competition organised by the Civil and Environmental Engineering (CEE) Club of Nanyang Technological University, Singapore. A software, known as Bridge Designer 2016 was used in this competition to design a bridge that can be applied in a real-world scenario by connecting two pieces of land separated by a river. Our Civil Engineering students have successfully designed the bridges with a good cost-efficiency ratio.



KEVIN JUAN



RAKIAN INZAGHI



MOHAMED AHNAF

## Subject Listing

### Year 1

- Statistics
- Geomatics
- Geomatics Field Work
- Engineering Software and Application
- Civil Engineering Drawing
- Mathematical Methods for Engineers 1
- Mathematical Methods for Engineers 2
- Engineering Statics
- Mechanical and Electrical Systems
- Construction Technology

### Year 2

- Fluid Mechanics
- Numerical Analysis
- Engineering Dynamics
- Stress Analysis and Design
- Civil Engineering Materials Lab
- Materials in Civil Engineering
- Soil Mechanics
- Hydraulics
- Light Structure Lab
- Theory of Structure
- Environmental Engineering Analysis and Design
- Contract and Estimation
- Industrial Training 1

### Year 3

- Engineers in Society
- Geotechnical Materials and Analysis
- Reinforced Concrete Design
- Water and Wastewater Engineering
- Project Construction and Management
- Engineering Hydrology
- Geotechnical Design
- Structural Steel and Timber Design
- Highway and Transportation Lab
- Highway Engineering
- Transportation Engineering
- Industrial Training 2

### Year 4

- Capstone Design Project A
- Capstone Design Project B
- Final Year Project A
- Final Year Project B
- Construction Integrated Environment

### Elective Courses (Select 1 Specialisation Only)

#### Specialisation 1: Water Resources Engineering

Groundwater Hydrology • Integrated Water Resources Management • Coastal Engineering

#### Specialisation 2: Geotechnical and Transportation

Advanced Highway Engineering • Railway Engineering • Advanced Geotechnical Design

#### Specialisation 3: Structural Analysis and Design

Advanced Reinforced Concrete Design • Bridge Design • Finite Element Analysis

International Degree Pathways

University of Queensland (2+2/2+2.5)

• Bachelor of Engineering (Hons) Civil

Career Opportunities

Building Control Surveyor | Consulting Civil Engineer | Contracting Civil Engineer | Site Engineer | Structural Engineer | Water Engineer | Environmental Engineer | Geotechnical Engineer | Materials Engineer | Transportation Engineer

# Bachelor of Electronics Engineering (Communication) with Honours

(R2/523/6/0219) (11/2026) (MQA/FA9300)

*Electronic communications underpin our everyday technologies, from TV and mobile phones to air travel. This programme integrates practical work and taught material infused with state-of-the-art technology, covering areas like analogue and digital communications, mobile and satellite communications, and electromagnetic waves. Students will also learn CST Microwave Studio, an industry development tool recognised around the world.*

*\*This programme received a 100% graduate employability score in the Ministry of Higher Education's Graduate Employability 2020 survey. (source: ge.mohe.gov.my/)*

## Did you know?



**SAYYED MAHABOOB JANI**

*Bachelor of Electronics Engineering (Communication) with Honours*

*Participated in Global Project-Based Learning Programme in collaboration with Shibaura Institute of Technology, Japan in 2021.*

## Subject Listing

### Year 1

- Technical Communication
- Calculus and Analytical Geometry II
- Circuit Theory I
- Digital Electronics I
- Analogue Electronic I
- Electromagnetic Theory I
- Mathematical Methods for Engineers I
- Electronic laboratory 1A
- Electronic laboratory 1B

### Year 2

- Advanced Circuit Theory and TL
- Engineering Design and Drawing
- Mathematical Methods for Engineers II
- Electronic Manufacturing Industry
- Computer Architecture
- Electronic Laboratory 2A
- Electrical Power
- Electronic Laboratory 2B
- Computing for Engineers
- Analogue Electronic II
- Digital Electronics II
- Industrial Training I

### Year 3

- Communication Circuits
- Electromagnetic Theory II
- Communication Laboratory 3B
- Communication Theory
- Environmental Engineering and Abatement Processes
- Numerical Analysis
- Electrical Machines
- Data Communication and Networks
- Microprocessor Systems
- Electronic Laboratory 3A
- Engineering and Management and Economics
- Optical Communication
- Engineers in Society
- Embedded System Design
- Industrial Training II

### Year 4

- Communication Systems
- Communication Sub-System Design
- Microwave System Design
- Antennas and EMC
- Digital Signal processing
- Digital System and HDLs
- Design Project
- Mobile and Satellite Communication
- Final Year Project A
- Final Year Project B
- Electronic Laboratory 4A
- Communication Laboratory 4B

## Career Opportunities

Telecommunications Engineer | Broadcast Engineer | Computer Systems Engineer | Optics Engineer | Instrumentation and Controls Engineer | Biomedical Engineer | Optical Networks Technical Marketing Engineer | Satellite Communications Engineer | Electrical and Electronics Installer | Technical Support Engineer | Telecommunications Field Service Engineer

# Bachelor of Computer Engineering (Artificial Intelligence) with Honours

(N/523/6/0310) (05/2026) (MQA/PA 11675)

*This programme is curated specially to address the need for jobs that demand skills in the area of Artificial Intelligence (AI). It encompasses the learning of AI, Computer and Engineering. By espousing these areas, students can expect to grasp a keen understanding of the technology, its history, functionality and challenges in the application of AI. This programme covers the core theoretical foundations and provides advanced algorithmic, statistical and computer engineering knowledge. As students develop the adroitness in this field, gain new insights and smarter correlations, they will appreciate their transformation in the higher-order professional the industry needs.*

## Did you know?

*Electrical & Electronic Engineering Department received hardware sponsorship from TMS Lite on Machine Test Station. This hardware sponsorship is useful for the students' Final Year Project and beneficial to other relevant courses offered under the Electrical & Electronics, Computer Engineering (Artificial Intelligence) and Mechatronic Engineering programmes.*



## Subject Listing

### Year 1

- Mathematical Methods for Engineers I
- Circuit Theory I
- Electromagnetic Theory
- Engineering Graphics and Design
- Computing for Engineers
- Mathematical Methods for Engineers II
- Analogue Electronics I
- Digital Electronics I
- Statistics
- Electrical and Electronic Lab 1
- Computer Architecture
- Technical Communication

### Year 2

- Circuit Theory II
- Instrumentation and Measurement
- Electrical Power
- Algorithm Design and Analysis
- Object Oriented Programming
- Safety, Health and Environment
- Introduction to Artificial Intelligence
- Software Engineering
- Java Programming
- Electrical & Electronic Lab 2
- Computer Engineering and AI Lab
- Industrial Training I

### Year 3

- Digital Signal Processing
- Engineering Management and Economics
- Microprocessor Systems
- Data Communication and Networks
- Embedded System Design
- Control Systems
- Engineers in Society
- Communication Theory
- Machine Learning
- Human Computer Interaction
- Instrumentation & Control Lab
- Industrial Training II

### Year 4

- Integrated Design Project 1
- Operating Systems
- Cybersecurity
- Integrated Design Project 2
- Final Year Project A
- Final Year Project B

### Elective Courses (Select 1 Specialisation Only)

#### **Specialisation 1: Business Analytics**

Data Mining • Database Systems • Big Data

#### **Specialisation 2: Computational Intelligence**

Big Data • Machine Vision • Blockchain

#### **Specialisation 3: Control and Intelligent System**

Parallel Computing • Mobile Application Development • Advanced Instrumentation and Control

## Career Opportunities

System Engineer | Software Engineer | R&D Engineer | Data Scientist | Programmer | Machine Learning Engineer

# Bachelor of Electrical and Electronics Engineering with Honours

(R2/523/6/0218) (11/2026) (MQA/FA9303)

Electrical and Electronic Engineering is one of the broadest engineering disciplines and this programme will cover multiple subject areas like analogue electronics, microelectronic chip design, digital signal processing, power generation, protection and distribution, C++ programming, instrumentation and measurements control, renewable energy systems, and more. Students will also have the chance to learn MATLAB, PSPICE and LABVIEW which are used to run simulations in projects and research.

\*This programme received a 100% graduate employability score in the Ministry of Higher Education's Graduate Employability 2020 survey. (source: ge.mohe.gov.my/)

## Did you know?

TEONG KAI LUN (Bachelor of Electrical & Electronics Engineering with Honours) was awarded MERIT AWARD in 2020 IEEE Malaysia Best Final Year Project Competition.



## Subject Listing

### Year 1

- Technical Communication
- Circuit Theory I
- Digital Electronics I
- Analogue Electronic I
- Mathematical Methods for Engineers I
- Electromagnetic Theory
- Mathematical Methods for Engineers II
- Computing for Engineers
- Engineering Design and Drawing
- Computer Architecture
- Statistics

### Year 2

- Circuit Theory II
- Electrical Power Lab
- Electrical Power
- Analogue Electronic II Lab
- Analogue Electronic II
- Digital Electronics II
- Industrial Training I
- Digital Electronics II Lab
- Numerical Analysis
- Control Systems
- Microcontroller and Embedded System
- Safety, Health and Environment

### Year 3

- Communication Theory
- Instrumentation and Measurement
- Data Communication and Networks
- Electrical Machines
- Electrical Machines Lab
- Engineering and Management and Economics
- Engineers in Society
- Industrial Training II
- Digital System and HDLs
- Energy Conversion and High Voltage Power
- Transmission
- Power Electronics

### Year 4

- Digital Signal processing
- Final Year Project A
- Power Systems
- Final Year Project B
- Power Systems Protection
- Integrated Design Project A
- Integrated Design Project B

### Elective Courses (Select 1 Specialisation Only)

#### Specialisation 1: Power & Energy

Electrical Power Quality • Renewable Energy • Power System Management and Smart Grid

#### Specialisation 2: IC Design

VLSI System • IC Reliability and Failure Analysis • Integrated Circuit Technology

#### Specialisation 3: Internet of Things

Big Data • Cybersecurity • Mobile Application Development

#### Specialisation 4: RF and Microwave Communication

Microwave System Design • Optical Communication • RF and Microwave Engineering

International Degree Pathways

#### University of Queensland (2+2.5)

• Bachelor of Engineering (Hons) Electrical

#### University of Birmingham

• BEng Electronic and Electrical Engineering (1+2)  
• MEng Electronic and Electrical Engineering (1+3)

Career Opportunities

Design Engineer | Project Engineer | R&D Engineer | System Design Engineer | Analog Design Engineer | Test Engineer | PCB Design Engineer | Electrical Engineer | Digital Design Engineer | Quality Control Engineer/Specialist | Research Engineer | Software Engineer | Sales Engineer | Product Engineer

# Bachelor of Environmental Engineering with Honours

(N/526/6/0146) (01/2027) (MQA/PA 12251)

*The Environmental Engineering programme embraces broad environmental concerns including water quality and supply, groundwater protection and remediation, wastewater treatment, indoor and outdoor air quality, solid and hazardous waste disposal, supply of safe drinking water, cleaning contaminated sites, preserving sensitive wetlands, and prevention of pollution through product and process design. It involves efforts related to environmental sustainability, which is to improve recycling, waste disposal, public health, water, and air pollution control, as well as awareness and knowledge of environmental engineering laws. Through this programme, students can push for a sustainable planet with living choices that make a difference.*



## Subject Listing

### Year 1

- Fluid Mechanics
- Engineering Statics and Dynamics
- Environmental Sustainability
- Sustainable Design and Construction
- Mathematical Methods for Engineers 1
- Mathematical Methods for Engineers 2
- Environmental Chemistry
- Safety Health and Environment
- Climatology
- Engineering Design and Drawing

### Year 2

- Statistics
- Engineering Hydrology
- Geo-Environmental Engineering
- Disaster Mitigation and Control
- Water and Wastewater Treatment
- Sustainable Transportation
- Contaminant Hydrology
- Engineering Field Trip
- Sustainable Materials
- Air Quality Control
- Environmental Software and Application
- Industrial Training 1

### Year 3

- Passive and Active Environmental Controls
- Water Efficiency and Conservation
- Energy Efficiency and Conservation
- Solid and Hazardous Solid Waste Management
- Renewable Energy and Resources
- Urban Transportation Planning
- Environmental Impact Monitoring
- Building Operation and Facilities Management
- Safety Process and Risk Management
- Engineering Management and Economics
- Industrial Training 2

### Year 4

- Final Year Project A
- Final Year Project B
- Capstone Design Project A
- Capstone Design Project B
- Safety Certification, Compliance & Auditing
- Township Design and Planning
- Engineers in Society

### Elective Course (Choose 1 Course Only)

- Introduction to Artificial Intelligence
- Technopreneuship
- GIS Fundamental and Application



# Bachelor of Energy Engineering with Honours

(N/524/6/0090) (10/2028) (MQA/PA14864)

*This programme offers specialised courses in both conventional energy resources and renewable energy resources to give a wider perspective of the subject. This energy engineering degree programme meets national and international goals, and its purpose is to support these global goals by developing more capable energy engineers. The course structure is specially curated to follow the sequence from the fundamentals of energy, generation of energy and storage of energy, up to the integration of energy in different aspects of the industry. The main highlight of this programme would be the in-depth study on conventional sources of energy such as natural gas, coal, and crude oil and sustainable sources of energy such as biogas, biomass, wind, solar, hydro and other emerging sources.*



## Subject Listing

### Year 1

- Technical Communication
- Mathematical Methods for Engineers I
- Mathematical Methods for Engineers II
- Statistics
- Engineering Physics
- Engineering Design and Drawing
- Material Engineering
- Material Engineering Laboratory
- Circuit Theory I
- Electrical Power
- Energy and Environmental Policy

### Year 2

- Safety, Health and Environment
- Fluid Mechanics I
- Thermodynamics I
- Numerical Analysis
- Thermofluid Laboratory
- Numerical Analysis Laboratory
- Programming for Engineers
- Heat Transfer
- Thermodynamics II
- Solar Energy
- Wind and Hydro-Energy
- Industrial Training 1

### Year 3

- Engineers in Society
- Power Plant Engineering
- Natural Gas Energy
- Fuels and Combustion
- Bioenergy
- Emerging Energy
- Environmental Engineering
- Energy Storage Technology
- Energy Engineering Laboratory
- Heat Transfer and Environmental Laboratory
- Industrial Training 2

### Year 4

- Engineering Management and Economics
- Power Transmission and Distribution
- Sustainable Engineering Systems: Modelling and Analysis
- Urban Energy and Energy Efficiency
- Capstone I
- Capstone II
- Final Year Project A
- Final Year Project B

### Elective Courses (Select 1 Specialisation Only)

#### Specialisation 1: Advanced Power Transmission

Power System • Advanced Circuit Theory & Transmission Lines • Energy Conversion & High Voltage Power Transmission

#### Specialisation 2: Advanced Materials for Energy Storage

Supercapacitor for Energy Storage • Bioinspired Materials for Energy Storage • Nanomaterials in Energy Conversion and Storage

#### Specialisation 3: Advanced Management in Energy Engineering

Energy Management and Conservation • Energy and Carbon Auditing • Economics of Energy Systems

## Career Opportunities

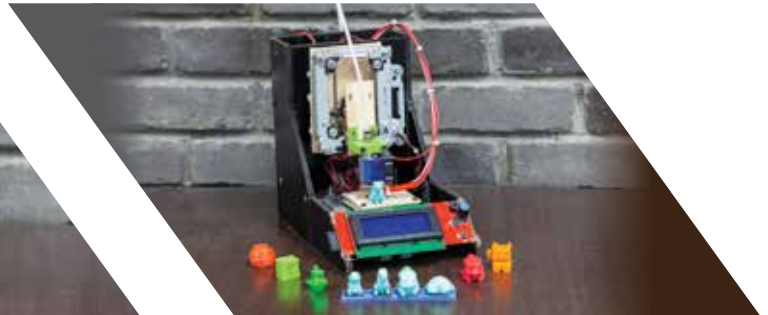
Green Building Engineer | Energy System Engineer | Project Engineer | Design Engineer | Material Engineer | Quality Specialist Engineer | Economic Analyser | Energy Auditor | Carbon Auditor | Research and Development (R&D) Engineer | New Product Development (NPD) Engineer

## Notable Student Projects

Following are some notable student projects recognised for their creativity, innovativeness and practicality. All of them employ the latest in technology and engineering practices.



This bio-inspired drone can both fly and walk and is a new solution to explore new environments with challenging landscapes. It can combine legged mobility and fast aerial mobility for autonomous exploration.



This 3D printer is affordable and has good performance exposing the latest additive manufacturing technology. While it is constructed using recycled materials, it is able to print prototypes in delicate manner.



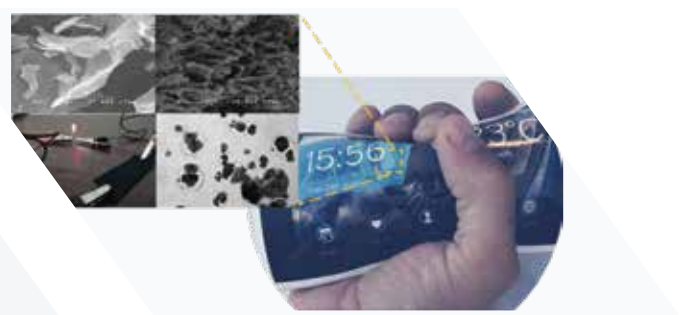
The energy efficient glass cutter robot is developed as a friendly gardener to offer automatic solutions of grass trimming in small household. It is constructed using 3D printing technology and powered by solar energy.



The miniature solar powered UV index indicator is developed to alert and remind users of need to carryout protective measure such as applying sun screen, protective cloth, UV sun glasses, etc. It also helps people to avoid extensive exposure to UV.



This cellulose-reinforced biocomposite film is a more sustainable bioplastic in replacing the non-biodegradable petroleum-based plastics. It also exhibits better mechanical strength, moisture barrier and UV-ray protection, thus an excellent packaging material in preserving the product quality.



The flexible conductive paper is made from drop-casting conductive nanomaterials onto a piece of the flexible substrate. This flexible conductive material is lightweight and useful in designing foldable and stretchable devices.

# Facilities

The state-of-the-art facilities and laboratories that our students work and study in have played a significant role in preparing them for the real world. Here are some of them.



The Advance Chemical Technology Lab promotes a holistic teaching and learning process; encouraging multiple cross-disciplinary research activities.



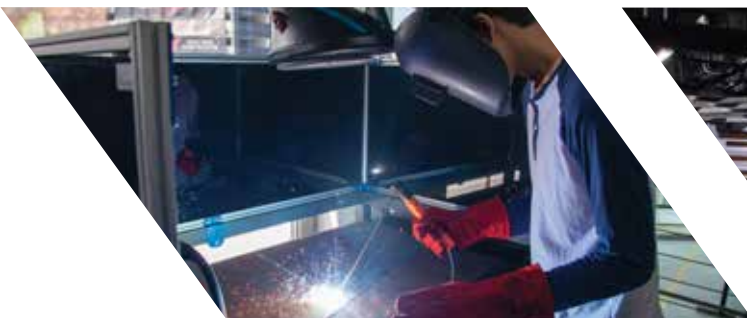
The Advance Industrial Robotic and Cyber Physical Laboratory has handling robots, mobile robots and task robots; the platform demonstrates the intelligent and adaptable control of production.



The Engineering Software Solution and AI Research lab is suitable for training, workshops and programming. All computers configured for high performance.



Thermofluid-lab allows students to conduct research in thermodynamics, fluid mechanics, and heat transfer.



The welding and mechanical workshop enables hands-on cutting, forming, casting, machining and practical welding.



This design studio has a complete set of E&E testing equipment such as DC power supply, oscilloscopes, and digital multi meter.

# Facilities



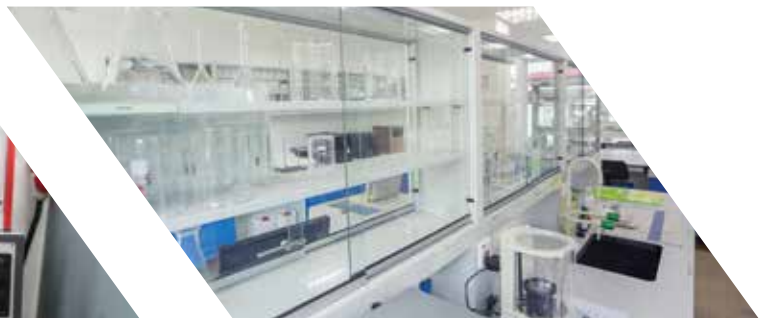
In the concrete soil and highway lab, students can test the quality of concrete, aggregate, soil, pavement and other cementitious materials.



This research lab allows students to conduct R&D and prototyping on Solar PV research, Power Electronic Converter, etc.



The power, machine and drive lab allows students to do experiments related to electrical power systems, conveyor belts, etc.



This instrumentation lab includes Atomic Absorption Spectroscopy, Fourier Transform Infrared Spectroscopy, UV-VIS spectroscopy, etc.



In the material science and petrology soil mechanics lab, students can learn about material structure, properties, performance and its processes.



The petrochemical lab includes a viscometer bath, flashpoint tester, seta oil test centrifuge, rotary evaporator, etc.

# Hall Of Fame

**CHANG ZHEN HONG**

Alumnus

**Bachelor of Chemical Engineering with Honours**  
 In 2019, Chang undertook the UCSI Global Elite Research Programme at Imperial College London as a research student. He conducted a fundamental study on peptides crystallisation, specifically on peptides solubility and polymorphism, for the enhancement of the product's stability and purity in the pharmaceutical industry.



**BRYAN MA YUONG KAI**

Alumnus

**Bachelor of Chemical Engineering with Honours**  
 Selected for research attachment at Imperial College London in 2019. His focused on the advancement of protein crystallisation by establishing the soft templates as a novel technique to improve the uncontrollability of nucleation and facilitating the interaction between the protein molecules.



**THI SHIKI**

Alumna

**Bachelor of Chemical Engineering with Honours**  
 Advanced research in DNA nanotechnology with the aim of innovating protein crystallisation, a process which produces the crystals needed to study the molecular structure of protein for various pharmaceutical and biotechnological applications.



**KHOO HON SERN (RIGHT)**

Alumnus

**Bachelor of Mechatronics Engineering with Honours**

**HOON JIAN WEN (LEFT)**

Alumnus

**Bachelor of Electrical and Electronics Engineering with Honours**

Both Khoo Hon Sern and Hoon Jian Wen were selected by University of Queensland in 2019 for a one month research attachment.



**LING POH CHOO, WONG YOONG SEONG**

Alumni

**Bachelor of Civil Engineering with Honours**  
 First Runner Up Pertandingan Inovasi Perlindungan Cerun 2018.



**LEE KOK JIN**  
 Mechatronics



**TEOH JIA KANG**  
 Electrical and Electronics



**HAU JIAN TECK**  
 Electrical and Electronics



Interdisciplinary project of Mechatronics, Electrical & Electronics Engineering and Mechanical students received **Gold Award** in IET Automation and Control Enhancing Innovation Competition, (ACEiC 2020).

(l to r) **CHONG YING HAI**

**Bachelor of Mechatronics Engineering with Honours**

**KOH JIA SHUN**

**Bachelor of Electrical and Electronics Engineering with Honours**

**NG WENG MUN**

**Bachelor of Mechatronics Engineering with Honours**

**LIM KEL VIN**

**Bachelor of Mechatronics Engineering with Honours**

**NGO KAH LOCK**

**Bachelor of Mechatronics Engineering with Honours**

All these are alumni selected to go to National Taipei University of Technology, Taiwan through the Start Trek programme in 2018 and 2019.



**PHUA CHI SHEUN**  
 Electrical and Electronics



**LOW CHUN YIN**  
 Mechatronics



**JONATHAN LAM LIT SENG**  
 Mechatronics



**TAN KAI HEI**  
 Mechanical

Interdisciplinary project of Mechatronics, Electrical & Electronics Engineering and Mechanical students received **Silver Award** in IET Automation and Control Enhancing Innovation Competition, (ACEiC 2020).

# Academic Requirements

INTAKES: JANUARY, MAY AND SEPTEMBER

QUALIFICATIONS	FOUNDATION IN SCIENCE	DIPLOMA IN ELECTRICAL AND ELECTRONIC ENGINEERING	DIRECT ENTRY INTO BACHELOR'S DEGREE (ALL ENGINEERING MAJORS)
<b>SPM/O-Level</b>	5 credits inclusive of Mathematics and 1 Science subject	Minimum 3 credits including Mathematics and one relevant science/technical/vocational subject and a pass in English	N/A
<b>STPM</b>		Pass in Mathematics, English and one relevant science/technical/vocational subject at the SPM level	Minimum 2Cs including Mathematics and one relevant Physical Science subject
<b>A-Level</b>		Pass in Mathematics, English and one relevant science/technical/vocational subject at the SPM level	Minimum 2Ds including Mathematics and one relevant Physical Science subject
<b>UEC</b>	3 credits inclusive of Mathematics and 1 Science subject	Pass in Mathematics, English and one relevant science/technical/vocational subject at the SPM level	Minimum 5Bs including Mathematics and one relevant Physical Science subject
<b>CPU</b>	N/A	N/A	Minimum average of 60% in 6 subjects, inclusive of a minimum score of 60% in Mathematics and one relevant Physical Science subject
<b>Local Matriculation</b>	N/A	N/A	Minimum CGPA 2.0
<b>Foundation from other University/College</b>	N/A	N/A	Minimum CGPA 2.0
<b>WAEC/NECO</b>	N/A	Minimum 3 C's; inclusive of Mathematics and Science	A maximum aggregate of 15 points out of best 5 subjects, inclusive of minimum B in Mathematics and one relevant Physical Science subject
<b>Diploma/Advance Diploma/Degree/equivalent</b>	N/A	N/A	Minimum CGPA 2.0 Subject to Faculty discretion after reviewing transcript and syllabus. Max credit transfer of 30% of the programme total credits
<b>Other qualifications deemed equivalent to SPM/O-Level by Malaysian Qualifications Agency</b>	Overall average of 60% inclusive of Mathematics and 1 Science subject	Minimum 3 credits including Mathematics and one relevant science/technical/vocational subject and a pass in English	N/A
<b>Other qualifications deemed equivalent to STPM/A-Level by Malaysian Qualifications Agency</b>	Overall average of 50% inclusive of Mathematics and 1 Science subject	Pass in Mathematics, English and one relevant science/technical/vocational subject at the SPM level	Minimum overall average of 60%, inclusive of minimum 60% in Mathematics and one relevant Physical Science subject
<b>International Baccalaureate</b>	N/A	N/A	Minimum 26/42 points from 6 subjects (inclusive Mathematics and one relevant Physical Science subject)
<b>SAM</b>	N/A	N/A	Minimum average of 60% in 5 subjects, inclusive of minimum scores of 60% in Mathematics and one relevant Physical Science subject
<b>SACE/AUSMAT/ TEE/SAM</b>	N/A	N/A	Minimum overall average of 60%, inclusive of a minimum score of 60% in Mathematics and one relevant Physical Science subject
<b>WACE/NTEC</b>	N/A	N/A	Minimum overall average of 60%, inclusive of minimum 60% in Mathematics and one relevant Physical Science subject
<b>Certificates from Polytechnics from relevant field</b>	N/A	Minimum 50% average	N/A

Upon successful completion of the diploma programme, students will gain up to 30% of credit transfer of the total credits, depending on the chosen degree programme.

# English Language Requirements

	QUALIFICATIONS	DIPLOMA	DEGREE
<b>Local Students</b>	SPM English Language	A Minimum grade of B+	
	English Language 1119/ O-Level English/IGCSE	A minimum grade of C	
	UEC English	A Minimum grade of A2	
	MUET	Band 3	
	<i>Note: In the event that the English language requirements are not met, applicants will be required to take the Basic English and English Foundation for in-session academic enhancement concurrently with the programme.</i>		
<b>International Students</b>	MUET	Band 3	
	IELTS	Band 5.0	
	TOEFL iBT	A Minimum Score of 42	
	Pearson Test of English	A Minimum Score of 47	
	Cambridge English Qualification and Tests	A Minimum Score of 154	
	Cambridge Linguaskill	A Minimum Score of 154	
	<i>Note: International applicants who do not meet the respective academic programme's English Language Requirement will need to improve their proficiency by enrolling into the English for Tertiary Education programme (R/KJP/00920-00929) which helps them prepare for attaining a required band score. Placement into the various levels of the English for Tertiary Education programme depends on the English Language qualification students have at the point of admission and/or the outcome of the English Placement Test.</i>		
<i>The applicants who have met the respective academic programme's English Language Requirement may be advised by Faculty to improve their proficiency by undertaking the additional English proficiency courses.</i>			

# General Courses (MPU)

**COMPULSORY FOR ALL STUDENTS**

DEGREE PROGRAMMES		DIPLOMA PROGRAMMES	
MALAYSIAN STUDENTS	INTERNATIONAL STUDENTS	MALAYSIAN STUDENTS	INTERNATIONAL STUDENTS
<ul style="list-style-type: none"> <li>• Appreciation of Ethics and Civilisations</li> <li>• Philosophy and Contemporary Issues</li> </ul>	<ul style="list-style-type: none"> <li>• Communication in Bahasa Melayu 3</li> <li>• Philosophy and Contemporary Issues</li> </ul>	<ul style="list-style-type: none"> <li>• Appreciation of Ethics and Civilisations</li> </ul>	<ul style="list-style-type: none"> <li>• Communication in Bahasa Melayu 2</li> </ul>
ALL STUDENTS		ALL STUDENTS	
<ul style="list-style-type: none"> <li>• U2 – Technical Communication</li> <li>• U3 – Malaysian Experiential Tourism</li> <li>• U4 – Extra-curricular Learning Experience 1 to 3</li> </ul>		<ul style="list-style-type: none"> <li>• U2 – Study Skills and Employability</li> <li>• U3 – Malaysian Eco-Tourism</li> <li>• U4 – Extra-curricular Learning Experience 1 to 2</li> </ul>	

While the above information is accurate at the time of printing, please note that entry requirements are subject to change. Please visit the university website for the most updated information.



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**KUALA LUMPUR CAMPUS** DU020(W)

1, Jalan Menara Gading, UCSI Heights (Taman Connaught) Cheras, 56000 Kuala Lumpur, Malaysia.  
General Line (+603) 9101 8880 Course Enquiry (+603) 9101 8882 Fax +(603) 9102 2614

**KUCHING CAMPUS** DU020-02(Q)

Lot 2976, Block 7, Muara Tebas Land District, Sejingkat, 93450 Kuching, Sarawak, Malaysia.  
Tel +(6082) 596 965 Fax +(6082) 596 975

**SPRINGHILL (PORT DICKSON) CAMPUS** DU020(W)

No. 2, Avenue 3, Persiaran Springhill, 71010 Port Dickson, Negeri Sembilan, Malaysia.  
General Line (+606) 648 8888 Course Enquiry: (+603) 9101 8882

**f UCSI UNIVERSITY @ UCSIUNI ✉ info.enq@ucsiuniversity.edu.my**