UCSI University ®

POSTGRADUATE STUDIES

#21 PERFORMING ARTS (Music)	**#34** HOSPITALITY AND LEISURE MANAGEMENT	**TOP 150** PETROLEUM ENGINEERING
TOP 200 ART AND DESIGN	**TOP 200** BUSINESS AND MANAGEMENT STUDIES	**TOP 300** PHARMACY AND PHARMACOLOGY
TOP 330 SOCIAL SCIENCES AND MANAGEMENT	**TOP 400** CHEMICAL ENGINEERING	**TOP 600** MEDICINE

POSTGRADUATE STUDIES at UCSI

Postgraduate education at UCSI revolves around one thing: smarter solutions for a smarter planet. In science, business and arts, UCSI devotes itself to address society's biggest challenges and prepares postgraduate students for leadership in today's world of end-to-end responsibility. And as you obtain a defining credential, you will see how a UCSI education gives you an edge to make your next giant leap.

You enrol for postgraduate studies at UCSI to do something that matters.

UCSI AT A GLANCE

20 UCSI ACADEMICS are Fellows of Academy of Sciences Malaysia or ranked in the World's Top 2% Scientists by Stanford University

Obtained a total of **RM725,089.10** International research grants in 2023
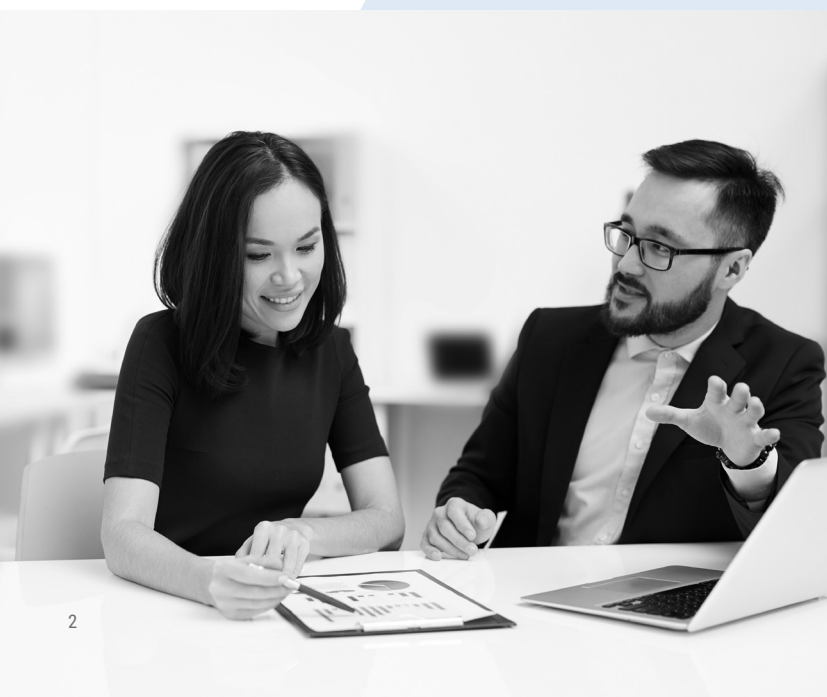
Obtained a total of **RM1,389,631** national grants in 2023

1,068 Scopus/WoS-indexed publications in 2023

Approximately **RM469,222.89** industry grants in 2023

WINNERS of multiple international and national research awards

WHO YOU WORK WITH MATTERS

The quality of our staff is one thing that distinguishes UCSI postgraduate experience. It starts from the top. Eight Fellows of the Academy of Sciences Malaysia (ASM) sit on UCSI University Council. Together, they use their wealth of expertise and experience to steer the university's direction in the areas of research and postgraduate endeavour.

Our long list of staff who are at the forefront of research and knowledge is a testament to the outstanding contributions they have made in their fields. Some have been officially recognised by UNESCO while others are sought-after by the industry to make the telling difference in significant projects.

First Malaysian University to Publish in the Harvard Data Science Review (HDSR)

UCSI University has achieved a significant milestone in research, acknowledged by The Malaysia Book of Records as the first university in Malaysia to be published in the Harvard Data Science Review (HDSR). HDSR is a top-ranked journal published by MIT Press, a university press affiliated with the prestigious Massachusetts Institute of Technology. The certificate presentation ceremony took place on January 10th 2024, at the Chancellery Meeting Room in UCSI University.

Assistant Professor Dr Mehrbakhsh Nilashi, Distinguished Professor Dr Ooi Keng Boon and Professor Dr Garry Tan Wei Han were part of a five-man research team that published an insightful paper on Critical Data Challenges in Measuring the Performance of Sustainable Development Goals: Solutions and the Role of Big-Data Analytics in HDSR's Summer 2023 Issue 5.3. The research team is also awarded by The Malaysia Book of Records for being the first research team from Malaysia to publish in the Harvard Data Science Review.

WHY UCSI ?

- Partnership with world-class universities
- Access to the world's best minds
- Strong research focus
- Industry recognition
- A legacy of excellence

OUR PROGRAMMES

FACULTY OF BUSINESS AND MANAGEMENT

- Master in Logistics and Supply Chain Management
- Master of Business Administration (Blue Ocean Strategy)

INSTITUTE OF ACTUARIAL SCIENCE AND DATA ANALYTICS

- Doctor of Philosophy in Mathematical Sciences
- Master of Science (Actuarial Management)
- Master of Science in Mathematical Sciences

UCSI GRADUATE BUSINESS SCHOOL

- Doctor of Philosophy (Business and Management)
- Doctor of Business Administration (DBA)
- Master of Philosophy (Business and Management)
- Master in Business Administration (MBA)
- Master in Business Administration (Open and Distance Learning)
- Master of Business Administration (Blue Ocean Strategy)

INSTITUTE OF COMPUTER SCIENCE AND DIGITAL INNOVATION

- Doctor of Philosophy in Computer Science
- Master of Science in Technopreneurship
- Master of Science in Computer Science
- MSc in Digital Technology and Analytics

FACULTY OF APPLIED SCIENCES

- Doctor of Philosophy (Science)
- Master of Science (Applied Sciences), by Research
- Master of Science (Biotechnology)
- Master of Science (Biotechnology with Business Management)
- Master of Science (Nutrition with Management)
- Master of Science (Food Science with Business Management)
- Master of Science Policy and Communication

FACULTY OF PHARMACEUTICAL SCIENCES

- Doctor of Philosophy (Pharmaceutical Sciences)
- Master of Science (Pharmaceutical Technology)
- Master of Science (Pharmaceutical Chemistry)
- Master of Clinical Pharmacy Practice

FACULTY OF ENGINEERING, TECHNOLOGY AND BUILT ENVIRONMENT

- Industrial PhD in Engineering
- Doctor of Philosophy (Engineering)
- Doctor of Philosophy in Architecture
- Master of Architecture
- Master of Philosophy in Engineering
- Master of Philosophy in Built Environment
- Master In Engineering (Smart Engineering Management)

FACULTY OF SOCIAL SCIENCES AND LIBERAL ARTS

- Doctor of Philosophy (Education)
- Master of Child Psychology
- Master of Clinical Psychology
- Master of Education
- Master in Strategic Communication
- Postgraduate Diploma in Tertiary Teaching (PGDTT)
- Postgraduate Certificate in Education (PGCE)

FACULTY OF MEDICINE AND HEALTH SCIENCES

- Doctor of Philosophy (Medical Sciences)
- Master of Science (Healthy Aging, Medical Aesthetic and Regenerative Medicine)

FACULTY OF HOSPITALITY AND TOURISM MANAGEMENT

- Doctor of Philosophy (Hospitality and Tourism)
- Master in International Hospitality Management

DE INSTITUTE OF CREATIVE ARTS AND DESIGN

- Doctor of Philosophy in Art, Design and Creative Media
- Master of Art, Design and Creative Media
- Master of Arts and Design

INSTITUTE OF MUSIC

- Doctor of Philosophy (Music Performance)
- Doctor of Philosophy in Music
- Master of Music (Performance Studies)

RESEARCH

Research at UCSI is vibrant as it is diverse. Postgraduate students and academics work hand-in-hand each day to create new knowledge, advance fundamental know-how and formulate solutions that address the many needs and issues concerning the society, industry and environment.

As a postgraduate student at UCSI, you can look forward to working with research supervisors who push the frontiers of knowledge in their respective disciplines. Like them, you will enjoy avenues to publish your findings in high-impact journals, work with modern facilities and participate in international conferences.

The focus on the practical application of research underpins UCSI's approach to research. Our ethos of promoting interdisciplinary endeavours also fosters the cross-fertilisation of ideas from staff and peers in our postgraduate community. This supports the immersive environment that makes UCSI an exciting place where new ground is broken on a regular basis.
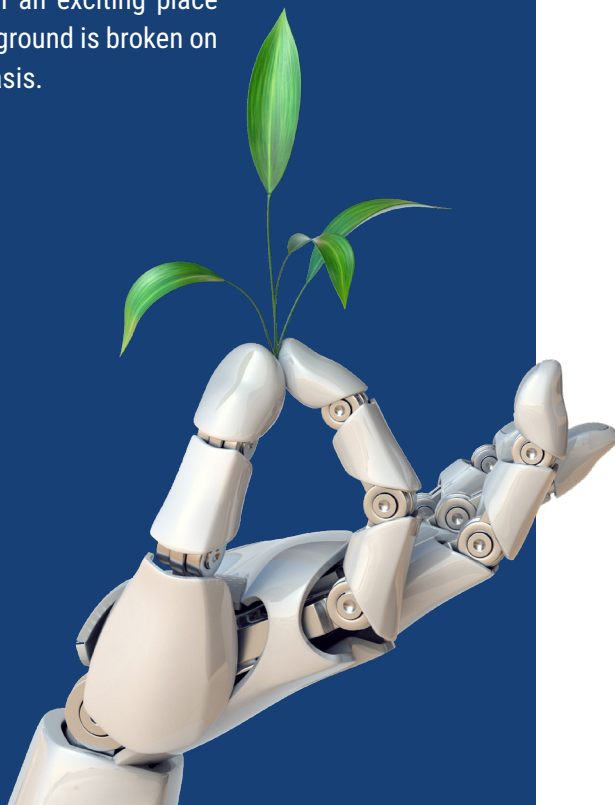
JOIN THE GLOBAL DEBATE

UCSI constantly hosts some of the world's most influential minds in science and the liberal arts. The following are a few of the leading thinkers who have given public talks and guest lectures at UCSI University. Be inspired today!

PROFESSOR GORDON HAROLD WILLIAMS

Professor of Medicine, Harvard Medical School
Visiting professor at UCSI University

PROFESSOR MARTIN MCKEE

Professor of European Public Health at the London School of Hygiene and Tropical Medicine
Published over 740 scientific papers and 42 books

PROFESSOR DR N. SREEHARAN

Former senior vice-president at GSK
Visiting professor at King's College London
Visiting professor at UCSI University

AND MANY MORE

TEACHING

Postgraduate teaching at UCSI is delivered in a multi-mode format for full-time and part-time students. Programmes are either research or coursework-based and students are required to complete a range of core and optional courses that are supported by lectures and seminars during their course of study. Performance in research-based programmes is evaluated by the findings, the way results influence fundamental knowledge and the impact factor of one's research. Students who opt for the coursework-based route are generally assessed through a combination of assignments, written exams and dissertations.

STUDYING AT UCSI MEANS

Being able to focus on research and scholarly pursuit that's important to you and chosen by you.

Learning from renowned academics who hold public talks at UCSI and serve as visiting professors.

Being part of an international community of students from over 110 nations.

Being able to represent the university and nation at overseas competitions and conferences.

THE FUND FACTOR

If research is what you're keen to do, you've come to the right place. UCSI's increasing research focus is matched by an upswing in external and internal funding opportunities. Ride the momentum and chart your trajectory today.
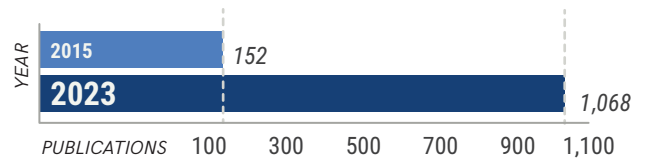
THE NUMBERS SPEAK

Research is an important part of UCSI's postgraduate commitments. The pursuit and advancement of knowledge is led by academics who are at the forefront of their respective disciplines and a driven postgraduate cohort who are working on the next giant leap in their careers.
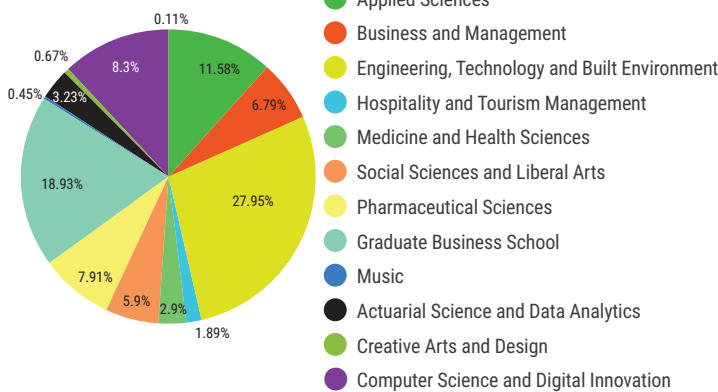
20 UCSI ACADEMICS

are Fellows of Academy of Sciences Malaysia or ranked in the World's Top 2% Scientists by Stanford University
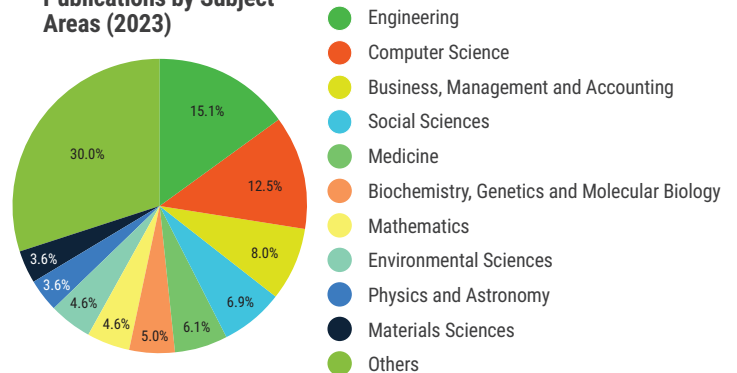
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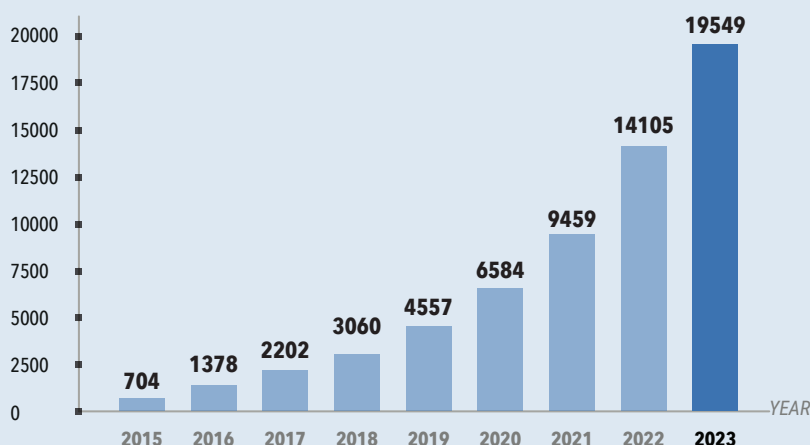The number of UCSI's Scopus/WoS publications septupled from 2015 to 2023.

YEAR	PUBLICATIONS
2015	152
2023	1,068

PUBLICATIONS: 100 300 500 700 900 1,100

Publications according to faculties

- Center for Pre-U — 0.11%
- Applied Sciences — 11.58%
- Business and Management — 6.79%
- Engineering, Technology and Built Environment — 27.95%
- Hospitality and Tourism Management — 1.89%
- Medicine and Health Sciences — 2.9%
- Social Sciences and Liberal Arts — 5.9%
- Pharmaceutical Sciences — 7.91%
- Graduate Business School — 18.93%
- Music — 0.45%
- Actuarial Science and Data Analytics — 3.23%
- Creative Arts and Design — 0.67%
- Computer Science and Digital Innovation — 8.3%

UCSI University Publications by Subject Areas (2023)

- Engineering — 15.1%
- Computer Science — 12.5%
- Business, Management and Accounting — 8.0%
- Social Sciences — 6.9%
- Medicine — 6.1%
- Biochemistry, Genetics and Molecular Biology — 5.0%
- Mathematics — 4.6%
- Environmental Sciences — 4.6%
- Physics and Astronomy — 3.6%
- Materials Sciences — 3.6%
- Others — 30.0%

UCSI University Yearly Citation Score (2015 - 2023)

Year	Score
2015	704
2016	1378
2017	2202
2018	3060
2019	4557
2020	6584
2021	9459
2022	14105
2023	19549

UCSI staff and postgraduate students have benefited from grants from bodies and initiatives like:

1. Fundamental Research Grant Scheme (FRGS)
2. MOSTI R&D Fund
3. Industry Promotion and Development Grant (IPDG)
4. Malaysia Research University Network Grant (MYRGS)
5. SATRAP
6. Ungku Omar- Newton Fund
7. Malaysia Toray Science Foundation (MTSF)
8. UCSI Research Excellence and Innovation Grant (REIG)
and various other industry grants

ALUMNI TESTIMONIALS

"UCSI University's Graduate Business School provided an exceptional academic journey during my PhD. The rigorous yet supportive environment empowered me to excel. The PG programmes foster innovative thinking, research and skill development. I am grateful for the invaluable education that I received from UCSI University which continues to shape my success."

Yuan Yunpeng
Doctor of Philosophy in Business and Management , year 2023

"My two years at UCSI University were truly memorable, an experience to cherish for a lifetime. This period was filled with learning and self-development, providing me with the opportunity to meet diverse individuals and acquire valuable knowledge. Overall, my time at UCSI University was a fantastic experience and has become a lasting memory in my life."

AHMAD MESHAAL ALMOKDAD
Master of Clinical Pharmacy Practice , year 2023
Currently working as a Pharmacist - AlRoyal Pharmacy (Kuwait)

"I am truly honoured to be the first Ph.D. in Education graduate. Over the three years of study, I have not only achieved significant research milestones but have also had the privilege of learning from many dedicated and kind-hearted professors. I sincerely hope for continuous improvement and success for UCSI in the future!"

Jiang Liping
PhD in Education, year 2023
Currently working as a Business English teacher in China

"My research, 'Establishment of Predictive Maintenance for Industrial Conveyor,' focused on developing a predictive maintenance (PdM) model. This model is designed to predict long-term future failures, aiding in maintenance decision-making and scheduling within the manufacturing industry. The programme significantly broadened my technological knowledge and influenced the direction of my business.

As a result of the programme, I identified a new opportunity within my company, leading to the establishment of a new software division in MODU Group. I envision that software in manufacturing could be the next significant advancement within Industry Revolution 4.0 (IR4.0)."

Chaw Kam Heng
Industrial PhD in Engineering, year 2023
Currently the Founder, Owner and CEO of MODU Group of Companies

"The master's programme really helped me to enhance my knowledge in aesthetics and prepared me for my LCP Certification. The lecturers were very helpful throughout my studies and I had a great time attending the classes and communicating with the lecturers. I highly recommend this programme to my peers who would like to embark in the field of aesthetics."

Dr Safuraa Binti Ab Latif
Master of Science (Healthy Aging, Medical Aesthetic and Regenerative Medicine), year 2019
Currently working as an Aesthetic Physician at Company Ko Skin Specialist

"UCSI's PG programme is transformative and informative. This is where we can learn to be more innovative and creative. Learning is a progress where it never ends, and I am glad that I'm able to learn with experts and helpful lecturers in UCSI."

Tang Leong Kong
Master In International Hospitality Management, year 2022
Currently working as a Project Executive, Responsible Borneo Sdn Bhd (Malaysia)
and Executive, The KopiLab (Malaysia)

MASTER IN LOGISTICS AND SUPPLY CHAIN MANAGEMENT

(R3/345/7/0953) (06/2026) (MQA/A6982)

UCSI University is a Corporate Affiliate Member of Chartered Institute of Logistics and Transport in Malaysia – the Malaysian arm of the international professional body for all sectors of the transport and logistics industry. As such, UCSI and its Graduate Business School have a deep understanding of the various requirements and needs of professionals in the industry. Our Master of Science Management is meticulously designed to address these needs and equip learners with the competitive advantage they require to advance their careers into the managerial levels. The programme focuses on the knowledge and application of the pertinent concepts, techniques, and principles that underlie logistics and supply chain management.

Our programme prepares you for the intense demands of the global marketplace and the managerial role by examining the effective management practices in various aspects of the logistics and supply chain industry. This includes topics such as operations and logistics, inventory, import and export management, as well as logistics strategy. It also covers other areas such as Blue Ocean Strategy, logistics engineering, procurement and port management, in addition to relevant research methods and case studies. Globalisation has dramatically impacted the way companies do business, and qualified professionals are in demand in the international logistics and supply chain management fields. Our programme's encompassing reach and emphasis on industry relevance has attracted participants from all around the world, providing a diverse learning environment. If you are looking for a postgraduate qualification that can provide you an upward mobility in the field of logistics, this programme is the right choice for you and your career.

Full exemption for the professional qualifying examination for CILT

PROGRAMME STRUCTURE

Core Courses
• Logistics Engineering
• Import and Export Management
• Operations and Logistics Management
• Warehouse Management
• Research Methods for Business and Management
• Inventory Management
• Supply Chain Management
• Procurement Management
• Logistics and Supply Chain Project Management
• Research Planning
• Research Project
• Elective 1
• Elective 2

Elective Courses
• Current and Emerging Technologies for LSCM
• Transportation Management
• Big Data Analytics
• Ethics and Corporate Responsibility

ENTRY REQUIREMENT

Academic Requirement:
A bachelor's degree in the field or related fields with a minimum CGPA of 2.50 or as accepted by UCSI University; or a bachelor's degree in the field or related fields or equivalent with a minimum CGPA of 2.00 subject to internal assessment.
Candidates who do not meet the requirements must undergo prerequisite courses determined by UCSI University.

English Requirement:
IELTS: 6.0; TOEFL iBT: 60; Cambridge English Qualifications and Test: 169. Pearson Test of English: 59; or MUET: Band 4.

MASTER OF BUSINESS ADMINISTRATION (BLUE OCEAN STRATEGY)

(R2/340/7/0720; 01/2027) (MQA/FA1320)

The MBA(Blue Ocean Strategy) programme aims to facilitate talent development for business practitioners and professionals. The programme features a Blue Ocean Strategy focus, where market differentiation is achieved through value innovation, making competition less relevant.

The programme is designed to nurture and empower future leaders and managers who will make a significant impact in the marketplace. The curriculum provides learners with a holistic view of business, equipping them with the knowledge and skills to transcend competition and create uncontested market space.

This programme is tailored to equip learners with the essentials to succeed in a broad range of business environments, including SMEs, MNCs, startups, and the public sector, among others.

PROGRAMME STRUCTURE

Core Courses
- Marketing Management
- Leadership
- Blue Ocean Strategy
- Business Accounting for Decision Making
- Research Design and Analysis
- Business Communication and Negotiation
- Economies for Strategic Planning
- Blue Ocean Strategy Consulting Practice
- Corporate Strategic Management
- Applied Blue Ocean Case Study

Elective Courses
- Consumer Behaviour
- Financial Management and Policy
- Entrepreneurship
- Human Resource Management

ENTRY REQUIREMENT

Academic Requirement:
i. A bachelor's degree in the field or related fields with a minimum CGPA of 2.5 or equivalent, as accepted by the HEP Senate; or

ii. A bachelor's degree in the field or related fields or equivalent with a minimum CGPA of 2.00 and not meeting a CGPA of 2.5, can be accepted subject to rigorous internal assessment.

iii. Candidates without a qualification in the related fields or working experience in the relevant fields must undergo appropriate prerequisite courses determined by the HEP and meet the minimum CGPA based on (i) to (ii).

English Requirement:
IELTS: 6.0; TOEFL iBT: 60; Cambridge English Qualifications and Test: 169. Pearson Test of English: 59; or MUET: Band 4.

DOCTOR OF PHILOSOPHY IN MATHEMATICAL SCIENCES

(N/461/8/0031) (11/2027) (MQA/PA13965)
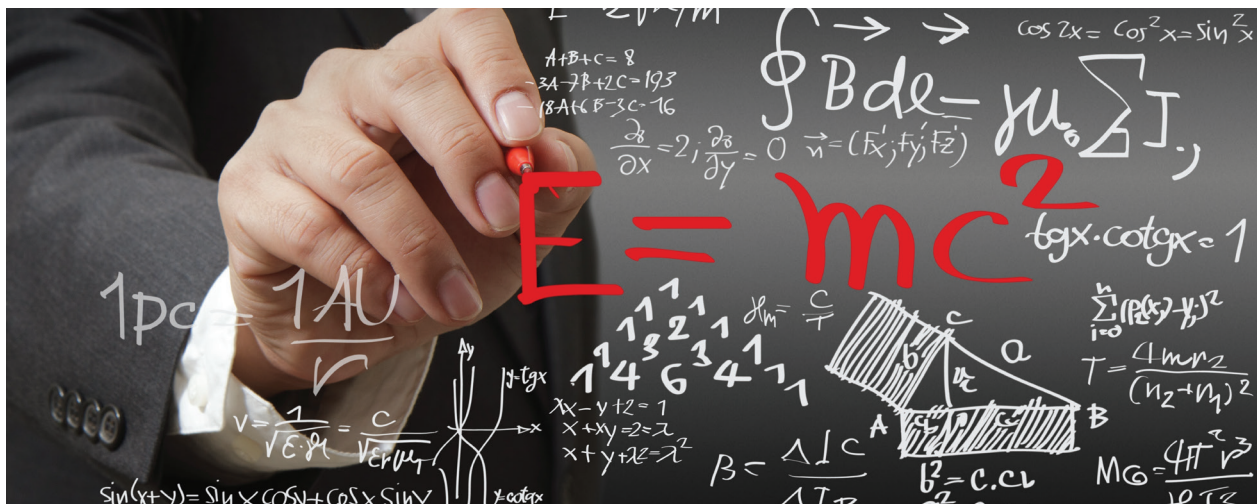
This research programme aims to prepare graduates for careers in the academia and industry by developing their mathematical skills with in-depth and advanced knowledge within their specific areas of mathematical sciences like abstract mathematics, mathematical and scientific computing, probability and statistical analysis. It also aims to inculcate in the students a systematic approach in conducting research with a balance between theory and methods, thereby leading to significant contributions to the body of knowledge and practice.

PROGRAMME STRUCTURE

Semester 1
• Advanced Research Methods in Mathematical Sciences

Semesters 2 to 9
• PhD Thesis

ENTRY REQUIREMENT

Academic Requirement:
A bachelor's degree in Mathematical Sciences or other related areas with minimum CGPA of 2.5 out of 4.0, or its equivalent qualifications as accepted by UCSI University; or a bachelor's degree with CGPA below 2.5 out of 4.0, or its equivalent qualifications can be accepted, subject to a minimum of 5 years of working experience in relevant field.

English Requirement:
IELTS 6.0; TOEFL iBT (Internet-based): 79; TOEFL Essentials (Online): 8.5; Pearson Test of English: 59; or MUET: Band 4.
Cambridge English Qualifications and Tests:
(i) B1 Preliminary, B2 First, C1 Advanced, C2 Proficiency: 169
(ii) Linguaskill Online: 169
(iii) Occupational English Test (OET): 250

International applicants who come from a country which uses English Language as the official language OR have an academic qualification from a higher learning institution which uses English Language as a medium of instruction can be granted an exemption from the University English requirements and MQA requirement.

International applicants who do not meet the respective academic programme's English Language Requirements will need to improve their proficiency by enrolling into the English for Tertiary Education programme (R/KJP/00920-00929) for maximum 2 years AND pass one of the English examination as listed for international students.

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.

MASTER OF SCIENCE (ACTUARIAL MANAGEMENT)

(R/462/7/0024)(01/2024)(MQA/FA3611)

After the successful accreditation of its undergraduate Actuarial Science programmes, UCSI University has launched the Master of Science in Actuarial Management. This elevates UCSI's offerings in the field of actuarial studies to the graduate-education level. As a postgraduate programme, Master of Science in Actuarial Management will have more emphasis on the theoretical fundamentals of the disciplines involved. In addition, this master's programme offers two structures (C & B) to meet the different needs of learners with a first degree in the quantitative discipline. Structure C is ideal for professionals such as mathematics teachers, engineers or economists who want a mid-career switch to an actuarial profession. Structure C will equip them with the essential technical actuarial knowledge. In addition, it provides essential management know-hows for technicists to succeed in ascending the corporate ladder. Structure B is designed for those who already have a degree in or related to actuarial science and would like to boost their theoretical foundation and develop skills for research. As actuarial science is an interdisciplinary programme, an undergraduate degree in this field may not give due attention to issues on theoretical depth but this postgraduate programme addresses this. Structure B is ideal for those interested to venture into academia or a management role that conducts more rigorous investigative tasks.

ENTRY REQUIREMENT

Academic Requirement:
A bachelor's degree in Mathematical Sciences or other related areas with minimum CGPA of 2.5 out of 4.0, or its equivalent qualifications as accepted by UCSI University; or a bachelor's degree with CGPA below 2.5 out of 4.0, or its equivalent qualifications can be accepted, subject to a minimum of 5 years of working experience in relevant field.

English Requirement:
IELTS 6.0; TOEFL iBT (Internet-based): 79; TOEFL Essentials (Online): 8.5; Pearson Test of English: 59; or MUET: Band 4.
Cambridge English Qualifications and Tests:
(i) B1 Preliminary, B2 First, C1 Advanced, C2 Proficiency: 169
(ii) Linguaskill Online: 169
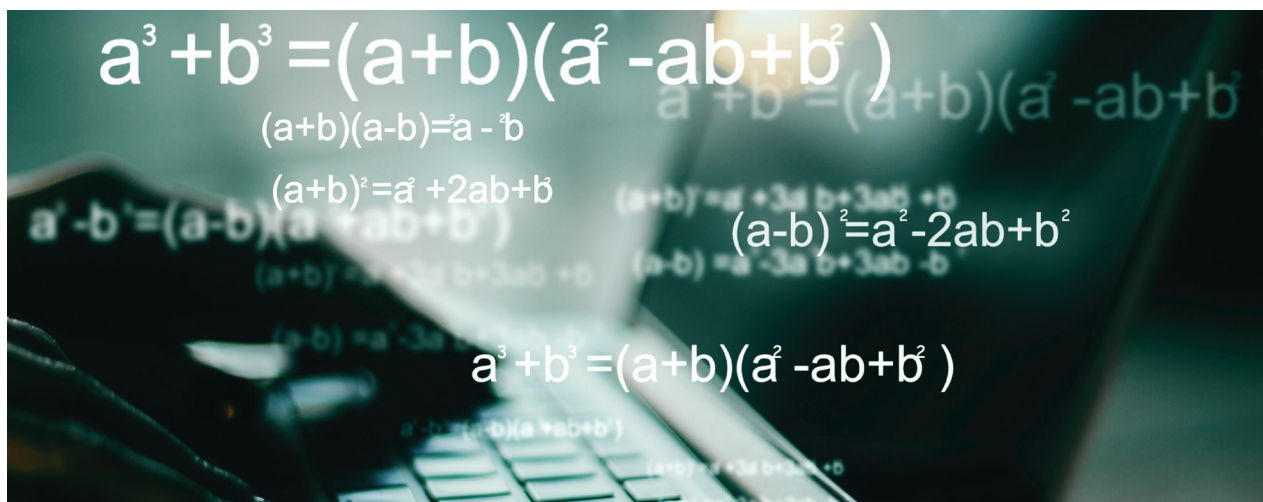(iii) Occupational English Test (OET): 250

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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.

PROGRAMME STRUCTURE

STRUCTURE C - COURSEWORK

Semester 1
• Probability and Statistical Methods
• Research Methods for Business and Management
• Life Contingencies
• Actuarial Modelling

Semester 2
• Empirical Modelling for Actuary
• Insurance Business Practices
• Stochastic Processes for Financial Economics
• Empirical Workshop

Semester 3
• Elective 1
• Elective 2
• Elective 3
• Research Project

STRUCTURE B - MIXED MODE

Semester 1
• Probability and Statistical Methods
• Research Methods for Business and Management
• Life Contingencies
• Actuarial Modelling

Semester 2
• Empirical Modelling for Actuary
• Insurance Business Practices
• Empirical Workshop
• Elective

Semester 3
Research Thesis

MASTER OF SCIENCE IN MATHEMATICAL SCIENCES

(N/461/7/0032) (08/2026) (MQA/PA13964)

The Master of Science in Mathematical Sciences (Research Mode) programme aims to prepare students with in-depth and advanced knowledge within their specific areas of mathematical sciences. It aims to inculcate in the students a systematic approach in conducting research in specialised areas, thereby paving the way for the students to master the specific area and make original contributions to the body of knowledge and practice. Through this programme the students will develop the acumen, analytical and logical skills needed to progress further in the vast field of Mathematical Sciences.

PROGRAMME STRUCTURE

Semester 1
• Research Methods in
  Mathematical Sciences

Semesters 2 to 5
• Master Dissertation

ENTRY REQUIREMENT

Academic Requirement:
A bachelor's degree in Mathematical Sciences or other related areas with minimum CGPA of 2.5 out of 4.0, or its equivalent qualifications as accepted by UCSI University; or a bachelor's degree with CGPA below 2.5 out of 4.0, or its equivalent qualifications can be accepted, subject to a minimum of 5 years of working experience in relevant field.

English Requirement:
IELTS 6.0; TOEFL iBT (Internet-based): 79; TOEFL Essentials (Online): 8.5; Pearson Test of English: 59; or MUET: Band 4.
Cambridge English Qualifications and Tests:
(i) B1 Preliminary, B2 First, C1 Advanced, C2 Proficiency: 169
(ii) Linguaskill Online: 169
(iii) Occupational English Test (OET): 250

International applicants who come from a country which uses English Language as the official language OR have an academic qualification from a higher learning institution which uses English Language as a medium of instruction can be granted an exemption from the University English requirements and MQA requirement.

International applicants who do not meet the respective academic programme's English Language Requirements will need to improve their proficiency by enrolling into the English for Tertiary Education programme (R/KJP/00920-00929) for maximum 2 years AND pass one of the English examination as listed for international students.

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.

DOCTOR OF PHILOSOPHY (BUSINESS AND MANAGEMENT)

(R/345/8/1016) (04/2029) (MQA/FA8895)

The Doctor of Philosophy (Business Management) is more than a defining business credential. It's a catalyst for change. Designed with top executives, high-potential leaders and business owners in mind, this comprehensive programme hones your business acumen and leadership skills. Ultimately, this programme is designed to provide you with freedom – the freedom to think, to take risks, to make the smarter decisions and lead change.

At UCSI, you will learn from experienced professionals and extensive case studies to improve your competitiveness while preparing for present and future challenges in the industry. You will work alongside academics and research mentors with comprehensive industry knowledge. The faculty fosters a learning environment that encourages problem-solving and critical thinking to create a successful business.

PROGRAMME STRUCTURE

Core Courses
• Understanding and Appreciating Research *
• Research Methodology *
• Entrepreneurship, Creativity and Innovation *

Compulsory Courses
• Postgraduate Colloquium
• PhD Thesis

* Prerequisite for Postgraduate Colloquium

ENTRY REQUIREMENT

Academic Requirement:
A master's degree in the field or related fields accepted by UCSI University; or
other qualifications equivalent to a master's degree recognised by the Government of Malaysia.
Candidates without a related qualification in the field(s) or working experience in the relevant fields must undergo appropriate prerequisite courses determined by UCSI University

English Requirement:
IELTS: 6.0; TOEFL iBT: 60; Cambridge English Qualifications and Test: 169. Pearson Test of English: 59; or MUET: Band 4.

DOCTOR OF BUSINESS ADMINISTRATION (DBA)

(R2/340/8/0877) (07/2024) (A10091)

UCSI University's DBA is a three-year programme that is equivalent to a PhD qualification. However, it places more emphasis on the practical approaches of business, unlike a PhD which focuses on the theoretical aspects. Similarly, the DBA aims to empower leaders to apply various business theories to the business problems faced in their organisation, while a PhD looks into the creation of a new theory. Ideal for senior management professionals, this programme empowers them with the knowledge to take their companies to greater heights while driving results at the highest level of global management. Simultaneously, learners enhance their professional value through their ability to use rigorous research methods for business.

This DBA offers learners a unique blend of knowledge, skills and application of core functional areas of business to effectively measure, analyse and drive corporate performance. It sets to strengthen their managerial and cognitive skills through innovative methodology and pedagogy that dissect the economic, social, political, and ethical demands of top leadership. Redirect your career as you learn how to navigate critical business challenges and spark growth in any organisation. Brainstorm alongside high-achieving professionals from a broad range of industries, debate and defend competing ideas, and think collaboratively while building valuable professional network that will open doors. If this is what you are looking for, this is the ideal programme to take you and your career to the next level.

PROGRAMME STRUCTURE

Year 1
Semester 1
• DBA Thesis
• Research Methodology
• Human Resource Management
• Contemporary Marketing Management

Year 1
Semester 2
• DBA Thesis
• Quantitative Methods
• Economics

Year 2
Semester 3
• DBA Thesis
• Corporate Finance
• Global Corporate Strategy

**Year 2 and Year 3 (Tri Semester)**
• DBA Thesis

ENTRY REQUIREMENT

Academic Requirement:
A master's degree in the field or related fields accepted by UCSI University; or
other qualifications equivalent to a master's degree recognised by the government of Malaysia.

English Requirement:
IELTS: 6.0; TOEFL iBT: 60; Cambridge English Qualifications and Test: 169; Pearson Test of English: 59; or MUET: Band 4.
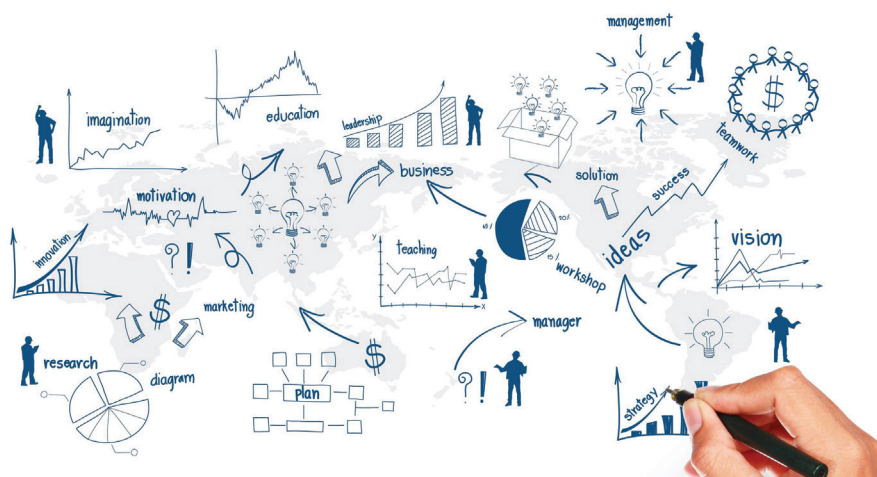
MASTER OF PHILOSOPHY (BUSINESS AND MANAGEMENT)

(N/0410/7/0004: 06/2028) (MQA/PA16694)

The Master of Philosophy (Business and Management) programme, which culminates in a research thesis, strives to advance knowledge beyond what is found in undergraduate honours or postgraduate diploma programmes.

Other postgraduate degrees are different from the Master of Philosophy (Business and Management) as it allows students to acquire in-depth knowledge, proficiency, and research abilities through the use of research. The MPhil programme's research is a supervised programme, giving students the chance to develop their design, execution, and communication skills while adding to the body of current knowledge.

Through this course, students can develop their skills as independent researchers and subject-matter authorities in their chosen areas of business and management.

PROGRAMME STRUCTURE

Core Courses
• Business Research Methodology**
• Quantitative and Qualitative Analysis Techniques**

Elective Courses
• Master Thesis*

The research field covers the body of knowledge of business studies comprehensively including Human Resource Management, Marketing, Accounting and Finance, Business Economics, Business Analytics, Management (which includes International Business, Business Communication, Business Ethics, Digital Business, and Organisational Behaviour).

** Prerequisite courses for Master Thesis*

ENTRY REQUIREMENT

Academic Requirement:
A bachelor's degree in related fields with a CGPA of 2.75 and above or equivalent as approved by the Senate; or a bachelor's degree in related fields or equivalent with a CGPA of 2.50 and above but less than a CGPA of 2.75, subject to rigorous internal assessment*; or a bachelor's degree in related fields or equivalent with a minimum CGPA of 2.00 but less than a CGPA of 2.50 and present evidence of at least five (5) years of relevant working or research experience** can be accepted subject to rigorous internal assessment*.
Candidates without a Bachelor's Degree in the related fields or relevant working experience must undergo appropriate prerequisite courses determined by UCSI University and meet the minimum CGPA set out in (1) to (3).

English Requirement:
Achieve a minimum Band 4 in the Malaysian University English Test (MUET) OR equivalent to the Common European Framework of Reference for Languages (CEFR) (Mid B2)***.
Notes: *Rigorous assessment to evaluate the suitability of an applicant for a programme through statement of purpose, interview and other methods may cover the following criteria:

I.   Demonstration of strong business experience, and that the candidate has held significant managerial responsibilities.
II. Evidence of any achievements in the candidate's professional life, for example, consistently performing at a high level, consistent career progression and any impact that the candidate has had on his/her organisation.
III. Professional skills that the candidate has developed, for example, teamwork, leadership, problem-solving, negotiating and analytical skills.
IV. The contribution to the class and experiences that can be brought to the institution by candidate (Lancaster University, 2021)

Experience can be cumulative experience even before acquiring the required qualification for a particular level of study. However, the experience must be relevant to the level of study as well as the content.
****The prerequisite courses must equip the students with necessary business knowledge (managing people, managing financial resources, understanding customers, understanding environments and strategic planning) of one level lower than the programme level.*

MASTER IN BUSINESS ADMINISTRATION (MBA)

(R2/345/7/0793) (03/2025) (MQA/A11549)

The UCSI University MBA programme is specially designed to provide access to higher learning opportunities for both local and international practitioners and professionals. The programme is a practical-based course that incorporates tools, relevant methodologies and provides a systematic approach in making the competition irrelevant. UCSI University incorporates a diverse and exciting blended learning approach by imparting knowledge through workshops, presentations and case studies. UCSI University's MBA programme is supported by a team of highly qualified academicians specialising in various fields and equipped with extensive industry experience. The scope of studies also includes current developments and debates on business and management topics at both the theoretical and applied levels. Graduate students will be encouraged to conduct theoretical exercises on these topics and their relevance to actual practice, in particular, their applicability to small and medium-sized enterprises as well as industries worldwide. Industrial practitioners and corporate consultants will be featured as speakers during the programme. As a graduate programme, the MBA study promotes lifelong learning among learners to prepare them for international employment opportunities, future career development and further research study anywhere in the world.

PROGRAMME STRUCTURE

Business Function (Core)
• Financial Accounting and Analysis
• Marketing Management
• Human Resource Management
• Managerial Economics

Business Operation (Core)
• Quantitative Methods
• International Business and Management
• Business Policy and Strategic Management
• Ethics and Corporate Social Responsibility

Business Generation (Core)
• Research Methods for Business and Management*
• Research Planning*
• Master Coursework Project

Business Effectuation (Electives-Select any two)**
• Financial Management and Policy
• Information Technology for Managers
• Organisational Behaviour
• Operations and Logistics Management
• Retail and Services Marketing

* Prerequisite
** Students should note that not all elective courses will be offered every semester

ENTRY REQUIREMENT

Academic Requirement:
A bachelor's degree in the field or related fields with a minimum CGPA of 2.50 or as accepted by the UCSI University; or a bachelor's degree in the field or related fields or equivalent with a minimum CGPA of 2.00 subject to internal assessment.
Candidates who do not meet the requirements must undergo prerequisite courses determined by UCSI University.

English Requirement:
IELTS: 6.0; TOEFL iBT: 60; Cambridge English Qualifications and Test: 169. Pearson Test of English: 59; or MUET: Band 4.

MASTER IN BUSINESS ADMINISTRATION (OPEN AND DISTANCE LEARNING)

(R-DL/345/7/1002) (12/2026) (MQA/FA8414)

The online version of UCSI's industry-acclaimed MBA is tailor-made for high-calibre professionals who are looking for their moon career shot without compromising their personal and professional commitments. As a graduate student, you will enjoy the same high standards of teaching, the same access to learning materials and the same degree of study support as your peers reading the conventional MBA programme. More importantly, you will obtain the same defining business credential when you graduate.

Designed around a 24-month schedule, the online MBA provides students with 24/7 accessibility and 10 hours of face-to-face guidance for each module.

PROGRAMME STRUCTURE

Business Function (Core)
• Financial Accounting and Analysis
• Marketing Management
• Human Resource Management
• Managerial Economics

Business Operation (Core)
• Quantitative Methods
• International Business and Management
• Business Policy and Strategic Management
• Ethics and Corporate Social Responsibility

Business Generation (Core)
• Research Methods for Business and Management*
• Research Planning*
• Master Coursework Project

Business Effectuation (Electives-Select any two)**
• Financial Management and Policy
• Information Technology for Managers
• Organisational Behaviour
• Operations and Logistics Management
• Retail and Services Marketing

* Prerequisite
** Students should note that not all elective courses will be offered every semester

ENTRY REQUIREMENT

Academic Requirement:
A bachelor's degree in the field or related fields with a minimum CGPA of 2.50 or as accepted by UCSI University; or a bachelor's degree in the field or related fields or equivalent with a minimum CGPA of 2.00 subject to internal assessment.
Candidates who do not meet the requirements must undergo prerequisite courses determined by the UCSI University.

English Requirement:
IELTS: 6.0; TOEFL iBT: 60; Cambridge English Qualifications and Test: 169. Pearson Test of English: 59; MUET: Band 4.

DOCTOR OF PHILOSOPHY IN COMPUTER SCIENCE

(N/481/8/0792) (07/2028) (MQA/PA 14656)

This programme aims to prepare students at the postgraduate level with computer science knowledge and computing principles to analyse and solve real-world computing problems. These knowledge and principles are built on combinations of data analysis and computing in sustainability with lifelong learning.

Essentially, in this programme, students will be expected to come up with solutions using computer science and technology for effective decision making, forecasting, investing and budget planning. One of the objectives is to produce leaders with advanced soft skills to do research in groups and provide solutions scientifically and solve problems critically.

PROGRAMME STRUCTURE

Semester 1
• Research Methods in Computer Science

Semester 2-8
• PhD Thesis

Semester 9
• Submission and Viva

ENTRY REQUIREMENT

Academic Requirement:
A Master's Degree (Level 7 Malaysian Qualification Agency, MQF) or equivalent and candidates must have completed at least ONE (1) of their earlier Degrees (Master's or Bachelor's) in Computing or in Computing-related fields.

English Requirement: (For Local and International students)
IELTS: 6.0
International applicants who do not meet the English Language requirements 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 the 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.

MASTER OF SCIENCE IN TECHNOPRENEURSHIP

(R/345/7/0261) (11/2022) (MQA/FA1961)

In today's globalised and fast-paced world, technology is integral in all aspects – from business to personal. Technology, particularly information technology (IT) is undoubtedly central to creating value and for this reason it continues to warrant a rising share of total investments for many companies. This makes technology a lucrative field, particularly for individuals who are entrepreneurs with a core business in technology.

At the forefront of technology and business, the Institute of Computer Science and Digital Innovation addresses this need through its MSc in Technopreneurship. The programme is the first to be offered by a private institution of higher learning and it received the industry's support when it had the honour of being launched in 2013 by Mr Muhammad Imran Kunalan Abdullah, the talent head of Multimedia Development Corporation (MDeC) – the overseer of MSC Malaysia's rapid growth. UCSI's MSc in Technopreneurship is designed to merge the best of entrepreneurship with the skills needed to harness technology to build internationally-recognised businesses and brands. Through close industry collaborations and feedback, we understand the importance of hands-on learning and applicable knowledge. If you are looking to tap into the booming technology industry, this programme will serves as your launch pad.

PROGRAMME STRUCTURE

Core Courses
- Research Design and Analysis
- Technopreneurship I
- From Science To Business – Concept in IT
- New Venture Creation
- Developing New High Technology Product and Market Development
- Technopreneurship II
- Venture Capital Financing
- Web-Enabling Technology and Innovative Business Models
- Business Accounting for Decision Making
- Financial Management and Policy in Technopreneurship
- New Venture and Entrepreneurship Marketing
- Entrepreneurship Case Study Project
- Entrepreneurship and Business Planning

ENTRY REQUIREMENT

Academic Requirement:
A bachelor's degree with a minimum CGPA of 2.50 or equivalent; or
a recognised bachelor's degree with CGPA below 2.50 or equivalent with a minimum 5 years of working experience in a relevant field.

English Requirement:
IELTS: 6.0 or equivalent competency of B2 on the Common European Framework Reference (CEFR), or a score of 213 (computer-based) / TOEFL (writing-based): 550, or applicants holding a previous degree from a university where the medium of instruction is English, will be deemed to have fulfilled this criterion.

MASTER OF SCIENCE IN COMPUTER SCIENCE

(N/481/7/0823) (07/2026) (MQA/PA 14655)

The Master of Science in Computer Science programme aims to prepare graduates who possess good understanding of fundamental theoretical knowledge and practical application in computer science with good communication, management and leadership skills.

The programme will facilitate the demonstration of independence in undertaking analytical and critical evaluation through research using techniques, tools, skills or by a range of approaches. It also emphasises the clear communication of knowledge, skills, ideas, critiques and conclusions or rationales using appropriate methods ethically and professionally. Build on your existing knowledge in Computer Science while learning new methods to take you the next level in the field.

PROGRAMME STRUCTURE

Semester 1
• Research Methods in Computer Science

Semester 2-5
• MSc Thesis

Semester 9
• Submission and Viva

ENTRY REQUIREMENT

Academic Requirement:
A bachelor's degree or equivalent in Computing or a computational related.

English Requirement: (For Local and International students)
IELTS: 6.0
International applicants who do not meet the English Language requirements 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 the 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.

MSC IN DIGITAL TECHNOLOGY AND ANALYTICS

(N/0613/7/0005)(12/2027)(MQA/PA 15237)

The MSc in Digital Technology and Analytics programme equips students to navigate the rapidly evolving landscape of technology and data. Integrating digital technology and analytical insights, it offers a holistic approach to stay ahead of emerging trends. Advanced knowledge of Cloud Computing, IoT, Data Analytics, and Machine Learning is imparted, enabling graduates to understand, implement, and manage technology solutions.

The curriculum emphasises practical application through hands-on projects, ensuring well-rounded skill development. Designed with industry collaboration, the programme enhances employability in technology-driven sectors. Graduates emerge with the ability to harness cutting-edge tools and strategies, positioning them to excel in a data-rich and technology-driven world.

PROGRAMME STRUCTURE

Core Courses
· Internet of Everything (IoE)
· Machine learning
· Python programming for Data analysis
· Research Techniques In Computer Science/ Research methods
· AI & Deep Learning
· Data science
· Project (Dissertation)

Electives (Select any two)**
· Big Data analytics
· Digital innovation (AR/VR)
· Web technology and Cloud computing
· Data visualization

**Students should note that not all elective courses will be offered every semester

ENTRY REQUIREMENT

Academic Requirement:
A bachelor's degree with a minimum CGPA of 2.75 or equivalent; or a recognised bachelor's degree with CGPA below 2.75 or equivalent with a minimum of 5 years of working experience in a relevant field.

English Requirement:
IELTS: 6.0 or equivalent competency of B2 on the Common European Framework Reference (CEFR), or a score of 213 (computer-based) / TOEFL (writing-based): 550, or applicants holding a previous degree from a university where the medium of instruction is English, will be deemed to have fulfilled this criterion.

DOCTOR OF PHILOSOPHY (SCIENCE)

(R/420/8/0026) (08/2023) (MQA/FA3122)

The Doctor of Philosophy (Science) is the Faculty of Applied Sciences' leading postgraduate credential. Bringing together the best minds from academia and the industry, the programme sees academics working in tandem with their students on research in diverse fields. The University places much emphasis on fundamental research that provides greater understanding on the nature of science and applied research that leads to technology and innovation.

PROGRAMME STRUCTURE

Semester 1
• Research Ethics and Academic Integrity
• Project and Laboratory Management
• PhD Research Project Planning and Proposal Presentation

Semester 2 to Semester 8
• PhD Research Project

Semester 9
• Viva and Dissertation Examination

Pertinent research projects at the Faculty currently include:

• The exploration of Malaysia's biodiversity of natural product development
• The development of seed oil, fruits, functional food and nutraceutics
• The study of anti-cancer, antioxidant and pharmacological properties of bioactive compounds from natural sources (e.g. fungi, plants and seaweeds)
• The nutritional and dietary aspects of patients in relation to metabolic disorders or cancers.
• Association studies of genetic variants with obesity, myopia and other disorders.
• The production of recombinant antigens and allergens.
• The development of toxin therapy.
• Quorum sensing and gene discovery.
• The detection, isolation and characterisation of food pathogens.
• The extraction and purification of enzymes from plants and microorganisms.
• The optimisation of media formulation and growth conditions of fungi for industrial purposes.
• Bioremediation of hydrocarbons and heavy metals.

ENTRY REQUIREMENT

Academic Requirement:
A relevant master's degree in science from institution of higher learning recognised by UCSI University; or other certificates that are recognised as equivalent to a master's degree or other relevant professional qualifications and experience that are recognised by UCSI University; or a relevant bachelor's degree with CGPA 3.67 or its equivalent from an academic programme or a Technical and Vocational Education and Training (TVET) programme may direct progression to PhD programme and approval by UCSI University; OR A relevant bachelor's degree with a CGPA of 3.67 or equivalent from an academic programme or a TVET programme for direct progression to PhD programme subject to the approval UCSI University; OR A relevant bachelor's degree with CGPA 3.00 with progression to the PhD programme after one year of studying at master level and approval by UCSI University.

English Requirement:
IELTS: 5.0; TOEFL: 410/79; or equivalent
Note: Candidates who fail to fulfill the above criteria may be required to take an English Proficiency Course at the University.

MASTER OF SCIENCE (APPLIED SCIENCES), BY RESEARCH

(N/481/7/0823) (07/2026) (MQA/PA 14655)

Designed to match the ambitions and academic inclinations of research-driven individuals, this programme focuses on applying existing scientific knowledge to develop practical applications. Intensive laboratory work defines the programme and graduate students are prepared for this via training in research methodology, project planning, and academic communication. All this, and more, equips students with the know-how and confidence to address key issues, and operate key instruments in pertinent research areas.

As a graduate student of this programme, you will cover everything from discovery to design and invention. You will embrace interdisciplinary paradigms as you work on biology- based solutions in biotechnology, food science, and nutrition. Your thinking will become razor-sharp as you draw the smarter correlations. And as you form and articulate your findings effectively, you will know that you have arrived at where you should be: the next level. Further your scientific affinities at UCSI and shape the future.

PROGRAMME STRUCTURE

Year 1
• Research Methodology for Scientists
• Academic Communication
• Master Research Project Planning and Proposal Presentation
• Master Research*

Year 2
• Master Research*

* courses with lab

Notes
Thesis and research are the major requirements for graduate students to attain this postgraduate degree. However, students need to take two compulsory courses (i.e. Research Methodology for Scientists and Academic Communication) and pass them in order to graduate.

Additionally, students will have to prepare and present their research proposal for the Master Research Project Planning and Proposal Presentation course. Students are required to obtain a minimum grade of B in order to start their research project.

Research work is graded as Satisfactory (S) or Unsatisfactory (U). Students are required to obtain an "S" grade – based on their research progress report – and a recommendation by their supervisor each semester in order for them to continue their candidature until the submission of their thesis.

Graduate students are encouraged to present their research work at seminars and at conferences. They are also encouraged to publish their research findings in scientific journals.

ENTRY REQUIREMENT

Academic Requirement:
Approved undergraduate degree with honours in the area, Biotechnology / Biology / Chemistry / Biochemistry / Microbiology / Genetics / Food Science and Nutrition or equivalent, with a minimum CGPA of 2.75 or Classification of 2nd Upper.

English Requirement:
IELTS: 5.0; or a minimum score of 410 (writing-based) / 79 with no less than 17 in each four components (computer-based) in TOEFL; or an undergraduate degree with English as its medium of instruction.

Note: Candidates who fail to fulfill the above criteria may be required to take an English Proficiency Course at the University.

MASTER OF SCIENCE (BIOTECHNOLOGY)

(R2/421/7/0018) (03/2024) (MQA/A9411)

By delving into the physical, chemical and computational aspects of biotechnology, this programme addresses the latest trends in the industry. Versatility is a hallmark of the programme and graduate students will address critical issues through the detailed study of molecular and cellular properties, microbiology, bioprocess engineering, fermentation and downstream processing among others. Primarily driven by coursework, this programme also features a research component that requires students to work on projects that can be applied across a broad range of societal needs.By reading this programme, you can look forward to an academic experience that is applicable to industry-grade work. The issues you address are present and future challenges in the industry. Delving deeper, the comprehension of complex living systems is fundamental in arriving at profound solutions that advance human health and promote environmental sustainability. Your interaction with accomplished academics and peers will result in the cross-fertilisation of ideas. You will evolve into a higher- order professional and doors will open wherever you go.

PROGRAMME STRUCTURE

Semester 1
• Research Methodology for Scientists
• Academic Communication
• Molecular Cell Biology and Genetics*
• Experimental Biotechnology
   - Method and Instrumental Design and Analysis*

Major Electives (select one)

Semester 2
• Current Topics in Biotechnology
• Bioinformatics and Computational Biology*
• Master Research Project Planning and Proposal Presentation

Major Electives (select one)
• Trends in Medical Biotechnology*
• Advances in Agricultural Biotechnology*
• Applied Bioprocessing*

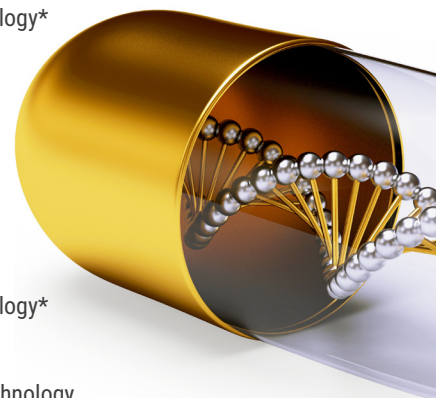**Semester 3**
• Master Research Project I*

Semester 4
• Master Research Project II*

Major Electives (select one)
• Trends in Medical Biotechnology*
• Advances in Agricultural Biotechnology*
• Applied Bioprocessing*
• Pharmaceutical Biotechnology
• Perspectives of Commercial Biotechnology

Free Electives (select one)
• Marketing Management
• Financial Management and Policy
• Information Technology for Managers
• Blue Ocean Strategy

ENTRY REQUIREMENT

Academic Requirement:
i) A bachelor's degree in the field or related fields with a minimum CGPA of 2.50 or equivalent, as accepted by the HEP Senate; or ii) A bachelor's degree in the field or related fields or equivalent with a minimum CGPA of 2.00 and not meeting a CGPA of 2.50, can be accepted subject to rigorous internal assessment. Candidates without a qualification in the related fields or working experience in the relevant fields must undergo appropriate prerequisite courses determined by the HEP and meet the minimum CGPA based on (i) to (ii).

English Requirement:
IELTS: 5.5; MUET:Band 3 ; or TOEFL (iBT): 46; or Pearson Test of English: 51; or Cambridge English Qualification and Test: 160; or an undergraduate degree with English as its medium of instruction.
Note: Candidates who fail to fulfill the above criteria may be required to take an English Proficiency Course at the University.

MASTER OF SCIENCE (BIOTECHNOLOGY WITH BUSINESS MANAGEMENT)

(R2/421/7/0019) (08/2024) (MQA/A9903)

This coursework-based programme offers graduate students a winning proposition: scientific excellence and the business acumen to stand out in today's competitive Biotechnology sector. Tailor-made for industry professionals who are charting their next career move, the programme substitutes a higher degree of scientific specialisation – a hallmark trait of its mono-disciplinary counterpart with a business management focus that is offered in partnership with UCSI University's Faculty of Business and Management, one of Malaysia's foremost private business schools. As a graduate student, you will complement your abiding interests in science with the market sense to translate research outcomes into business opportunities. With your finger on the industry's pulse, you will see the true value of scientific solutions and you will make the correct calls when it comes to costing and investment. You will be able to tell whether a new discovery is a fleeting fad or a genuine innovation, and when change comes to the industry, you will not just adapt and follow but you will be ahead of things.

ENTRY REQUIREMENT

Academic Requirement:
i) A bachelor's degree in the field or related fields with a minimum CGPA of 2.50 or equivalent, as accepted by the HEP Senate; or ii) A bachelor's degree in the field or related fields or equivalent with a minimum CGPA of 2.00 and not meeting a CGPA of 2.50, can be accepted subject to rigorous internal assessment. Candidates without a qualification in the related fields or working experience in the relevant fields must undergo appropriate prerequisite courses determined by the HEP and meet the minimum CGPA based on (i) to (ii).

PROGRAMME STRUCTURE

Semester 1
• Research Methodology for Scientists
• Academic Communication
• Molecular Cell Biology and Genetics*

Major Electives (select one)
• Financial Accounting and Analysis
• Marketing Management
• Information Technology for Managers
• Business Policy and Strategic Management

Semester 2
• Current Topics in Biotechnology
• Bioinformatics and Computational Biology*
• Master Research Project Planning and Proposal Presentation

Major Electives (select one)
• Financial Accounting and Analysis
• Marketing Management
• Information Technology for Managers
• Human Resource Management
• Financial Management and Policy
• Business Policy and Strategic Management

Semester 3
• Research Project for Biotechnology with Business Management*

Semester 4
Free Electives (select one)
• Experimental Biotechnology
    - Method and Instrumental Design and Analysis*
• Trends in Medical Biotechnology*
• Advances in Agricultural Biotechnology*
• Applied Bioprocessing*
• Pharmaceutical Biotechnology
• Perspective of Commercial Biotechnology

Major Electives (select two)
• Financial Accounting and Analysis
• Marketing Management
• Human Resource Management
• International Business and Management
• Business Policy and Strategic Management
• Financial Management and Policy
• Information Technology for Managers
• Blue Ocean Strategy

*courses with lab

English Requirement:
IELTS: 5.5; or MUET: Band 3; or TOEFL (iBT): 46; Pearson Test of English: 51, Cambridge English Qualification and Tests: 160; or an undergraduate degree with English as its medium of instruction.
Note: Candidates who fail to fulfil the above criteria may be required to take an English Proficiency Course at the University.

MASTER OF SCIENCE (NUTRITION WITH MANAGEMENT)

(N/726/7/0031) (02/2023) (MQA/FA8326)

UCSI's MSc in Nutrition with Management was developed to prepare graduates for a managerial role to lead people and business in a fast-paced industrial environment combined with the expanding world of healthcare. Aspiring postgraduate students will see this as an opportunity to further develop their careers in nutrition science while simultaneously acquire management knowledge and competencies as practised in food and nutrition-related industries.

We train our students in the current issues of human nutrition and health, food security and sustainability, food safety and quality, and food analysis in order to ensure our students acquire the necessary professional abilities in their competent nutrition career pathway. In addition to the core nutrition components, we will also be introducing 'Nutrition Entrepreneurship' in our programme with the aim to produce entrepreneurs equipped with current nutrition knowledge and relevant practical nutrition skills.

Our students will also be exposed to practical aspects of business planning as well as legal aspects of business ownership, international business, human resource management, information technology and the online business perspectives. This programme is also suitable for nutritionists in the retail and business sectors who wish to pursue their postgraduate studies in order to enhance their current nutrition and entrepreneurial competencies as part of their career advancement. We want to be able to produce competent and high performing graduates who can flexibly venture into different career paths as Nutrition entrepreneurs, consultants or upper management executives.

PROGRAMME STRUCTURE

Semester 1
• Academic Communication
• Food Acculturation and Society
• Public Health Nutrition and Promotion
• Marketing Management
• Nutrition Research Methodology *

Semester 2
• Dietary Supplements and Functional Foods
• Financial Management and Policy
• Organisational Behaviour and Management
• Master Research Project Paper 1
• Food Elective Courses (Choose ONE)
    a. Food Security and Sustainability
    b. Advanced Food Quality and Safety *
    c. Food Analysis *

Semester 3
• Nutrition Entrepreneurship
• Contemporary Issues in Nutrition
• Master Research Project Paper 2 *
• Management Elective Courses (Choose ONE)
    a. International Business and Management
    b. Human Resource Management
    c. Information Technology for Managers

* Subjects with science lab classes

ENTRY REQUIREMENT

Academic Requirement:
i) A bachelor's degree in the field or related fields with a minimum CGPA of 2.50 or equivalent, as accepted by the HEP Senate; or ii) A bachelor's degree in the field or related fields or equivalent with a minimum CGPA of 2.00 and not meeting a CGPA of 2.50, can be accepted subject to rigorous internal assessment. Candidates without a qualification in the related fields or working experience in the relevant fields must undergo appropriate prerequisite courses determined by the HEP and meet the minimum CGPA based on (i) to (ii).

English Requirement:
IELTS: 5.0; or a minimum score of 410 (writing-based) or 79 with no less than 17 in each four components (computer-based) in TOEFL; or an undergraduate degree with English as its medium of instruction.
Note: Candidates who fail to fulfill the above criteria may be required to take an English Proficiency Course at the University.

MASTER OF SCIENCE (FOOD SCIENCE WITH BUSINESS MANAGEMENT)

(R/541/7/0011) (08/2027) (MQA/FA1416)

Designed to fast track careers in the multi-trillion-dollar food industry, this programme equips graduate students with a sound understanding of food technology and its many applications. All levels of food and beverage production are addressed and students will analyse the challenges and complexities involved in food processing, preservation, packaging, delivery and sensory evaluation, among others. Coursework-based in nature, the programme incorporates the latest practices in the industry and students will see first-hand how new technologies impact food production. As a graduate student of this programme, you will possess the skills and know-how to bring new products to the market. Your vast knowledge of biomaterials will see you making a pertinent difference in processing technology and flavour delivery. Delving deeper, UCSI's many connections with large multinationals will keep you abreast of the latest changes in the industry as you expand your professional network. With your expertise in food safety, nutrition and legislation, you will impact communities as you manage and sustain the food production ecosystem with sustainability in mind. Your future contributions will change lives.

PROGRAMME STRUCTURE

Semester 1
• Research Methodology for Scientists
• Academic Communication
• Food Analysis*
• Elective Major: Choose One

Semester 2
• Advanced Food Quality and Safety*
• Contemporary Issues in Food Science
• Master Research Project Planning and Proposal Presentation
• Elective Major: Choose One

Semester 3
• Master Research Project
• Free Elective: Choose One

Semester 4
• Elective Major: Choose Two

Free Electives
• Microbiology in Food*
• Innovative Food Processing Technologies*
• Food Biotechnology*
• Applied Bioprocessing*
• Food Product Development and Commercialisation*
• Dietary Supplements and Functional Foods
• Food Security and Sustainability

Elective Major
• Financial Accounting and Analysis
• Marketing Management
• Human Resource Management
• International Business and Management
• Business Policy and Strategic Management
• Financial Management and Policy
• Information Technology for Managers
• Blue Ocean Strategy

*courses with lab

ENTRY REQUIREMENT

Academic Requirement:
i) A bachelor's degree in the field or related fields with a minimum CGPA of 2.50 or equivalent, as accepted by the HEP Senate; or ii) A bachelor's degree in the field or related fields or equivalent with a minimum CGPA of 2.00 and not meeting a CGPA of 2.50, can be accepted subject to rigorous internal assessment. Candidates without a qualification in the related fields or working experience in the relevant fields must undergo appropriate prerequisite courses determined by the HEP and meet the minimum CGPA based on (i) to (ii).

English Requirement:
IELTS: 6.0; or a minimum score of 550 (writing-based) / 79 with no less than 17 in each four components (computer-based) in TOEFL; or an undergraduate degree with English as its medium of instruction.

Note: Candidates who fail to fulfill the above criteria may be required to take an English Proficiency Course at the University.

MASTER OF SCIENCE POLICY AND COMMUNICATION

(N/0388/7/0001; 07/2028) (MQA/PA 16362)

The Master of Science Policy and Communication equips you with the skills and know-how to step up as a changemaker. You will address hot-button issues ranging from climate change to AI regulation. Your fingers will be on the pulse of the global debate. You will think like never before. And you will love it as you evolve to become the change you seek.

Champion science policy for the greater good and play your part in shaping a better future for everyone.

PROGRAMME STRUCTURE

Core Courses
- Research Methodology for Scientists
- Science, Technology, and Innovation Policies and Legislation
- Research Project
- Science Communication
- Philosophy of Humanity, Ethics, and Culture
- Current Topics in Science Policy
- Science, Technology, and Innovation Policy Development and Sustainability
- Theories in Media and Communication
- Critical Approaches to Strategic Communication

Elective Courses
- Crisis Communication
- Strategic Communication in Practice
- Social Media Marketing Strategies
- Big Data Analytics in Strategic Communication

ENTRY REQUIREMENT

Academic Requirement:
A bachelor's degree in the field or related fields with a minimum CGPA of 2.50 or its equivalent, as accepted by the HEP Senate; or a bachelor's degree in the field or related fields, or equivalent, with a minimum CGPA of 2.00. Applicants not meeting a CGPA of 2.50 can be accepted subject to rigorous internal assessment.
Candidates without a qualification in the related fields or working experience in the relevant fields must undergo appropriate prerequisite courses determined by the HEP and meet the minimum CGPA based on (i) to (ii).

English Requirement: (International Students)
Cambridge Linguaskill: 154; IELTS Score of: 5.0; TOEFL (IBT): 42
Pearson Test of English: 47; MUET: Band 3;

Note:
Candidates who fail to fulfil the above criteria may be required to take an English Proficiency Course at the university.

DOCTOR OF PHILOSOPHY (PHARMACEUTICAL SCIENCES)

(R/727/8/0062) (04/2025) (MQA/FA5876)

UCSI's Doctor of Philosophy (Pharmaceutical Sciences) is a multidisciplinary postgraduate degree programme designed to augment master's degree holders into with skills to excel in pharmaceutical research and development as well as academia.

The expected background of the prospective student includes chemistry, medicinal chemistry, physiology, pharmacology, microbiology, pharmacokinetics, pharmaceutics and formulation science. The programme is flexible enough to be pursued by those with a pharmaceutical or science qualification.

Graduates of this qualification will be equipped with advanced knowledge in research planning, experimental design and scientific analysis.

The Faculty of Pharmaceutical Sciences consists of qualified and experienced lecturers to guide PhD candidates in their research projects. Among the research interests of our faculty members are pharmacology, physiology, bioinformatics, medicinal chemistry, drug formulation, clinical pharmacy, and pharmacy practice. The constant availability of research funding through internal and external grants, ensures the quality and continuity of research activities in the faculty.

PROGRAMME STRUCTURE

Semester 1
• Research Methodology
• Biostatistics and Experimental Design
• PhD Research

Semester 2 onwards
• PhD Research

ENTRY REQUIREMENT

Academic Requirement:
A relevant master's degree or equivalent only; or equivalent professional qualification in a relevant discipline, as recognised by UCSI University; or a bachelor's degree with minimum CGPA of 3.67 or its equivalent from relevant academic programmes recognised by the Malaysian government or accepted by UCSI University and with research component in the final year, to be assessed by the Faculty. All applications must pass related qualifying evaluation with UCSI University's approval.

English Requirement
IELTS: Band 5.0; MUET: Band 3.5; TOEFL: 40 (iBT); Cambridge Linguaskill: 154;
Cambridge English Qualifications and Tests:
(i)Linguaskill Online score: 154
(ii)Occupational English Test (OET): 200
To be obtained before admission. Applicants who are pursuing Bachelor's & Master's degrees in other universities that use English as the medium of instruction can be exempted from the above requirements.

Note:
Candidates who failed to fulfil the above criteria may be required to take an English Proficiency course at the university.

*Eligible for exemption with a letter from alma mater registrar stating the medium of instruction was in English during Bachelor's degree.

MASTER OF SCIENCE (PHARMACEUTICAL TECHNOLOGY)

(R2/727/7/0006) (02/2026) (MQA/FA0013)

The Master of Science in Pharmaceutical Technology programme is the only postgraduate programme that is offered with the mixed-mode structure in Malaysia. Offered in the mixed-mode structure, this allows students to pursue research on innovative topics whilst going for structured taught courses providing them with advanced industry-specific knowledge.

This master's programme will equip science graduates with enhanced knowledge in conducting research and development in the science and technology industry on the local and global level. The programme is specially designed to equip graduates (from various fields such as pharmacy, life sciences, biotechnology, and chemical engineering) with the skills, knowledge, and experience to excel in the pharmaceutical industry, research and development and academia. Through this master's programme, students will be able to contribute positively to the betterment of the society.

PROGRAMME STRUCTURE

Semester 1
• Research Methodology
• Product Formulation and Development
• Industrial Pharmacy
• Research I

Semester 2
• Advanced Drug Delivery
• Research II

The duration of candidature is dependent on the completion of taught courses and progress of research project.

ENTRY REQUIREMENT

Academic Requirement:
A Bachelor's of Science in Pharmacy; or a Bachelor's in Pharmacy (with honours); or equivalent undergraduate degree in related field with a minimum CGPA of 2.75. *Those who do not meet the CGPA of 2.75 can be accepted with minimum 5 years of working experience in related field.

English Requirement:
IELTS: Band 5.0; MUET: Band 3.5; TOEFL: 40 (iBT); Cambridge Linguaskill: 154;
Cambridge English Qualifications and Tests:
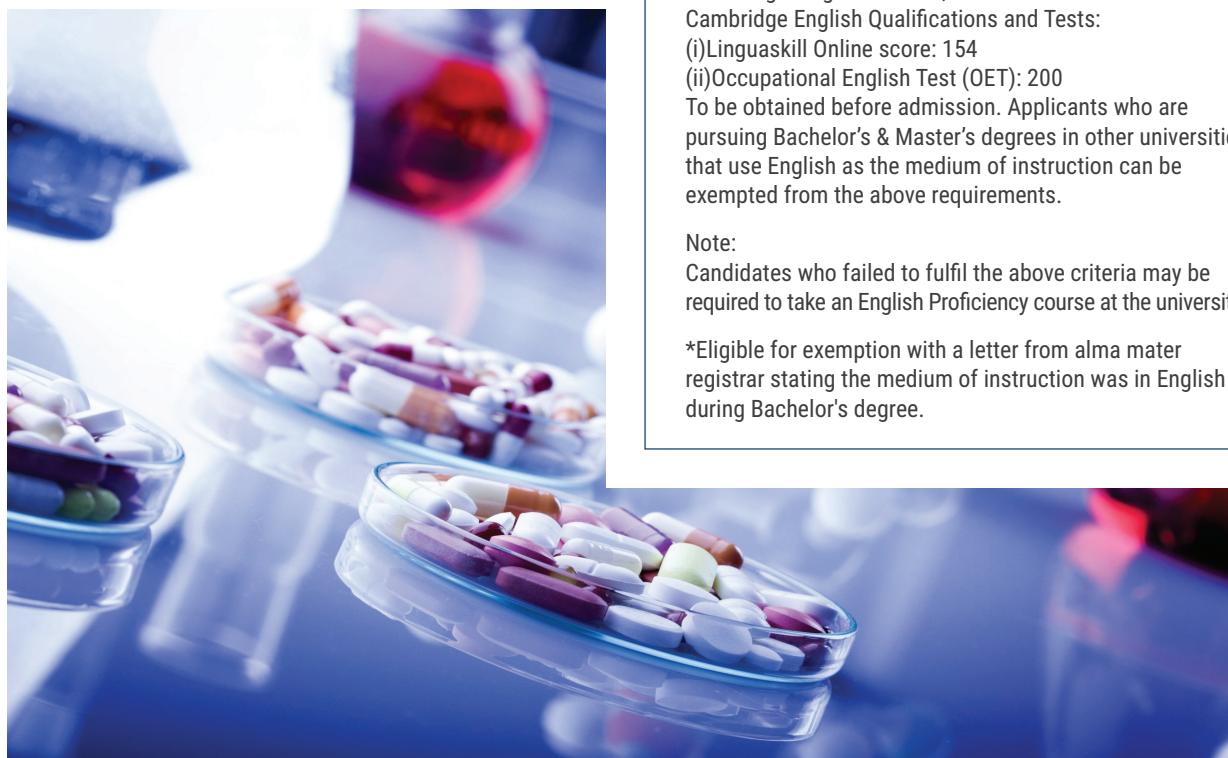(i)Linguaskill Online score: 154
(ii)Occupational English Test (OET): 200
To be obtained before admission. Applicants who are pursuing Bachelor's & Master's degrees in other universities that use English as the medium of instruction can be exempted from the above requirements.

Note:
Candidates who failed to fulfil the above criteria may be required to take an English Proficiency course at the university.

*Eligible for exemption with a letter from alma mater registrar stating the medium of instruction was in English during Bachelor's degree.

MASTER OF SCIENCE (PHARMACEUTICAL CHEMISTRY)

(R2/421/7/0001) (11/2025) (MQA/FA0014)

Dive into the world of drug design, synthesis and analysis with the Master of Science in Pharmaceutical Chemistry at UCSI University. Offered in the mixed-mode structure, this allows students to pursue research on innovative topics whilst going for structured taught courses providing them with advanced industry-specific knowledge.

The taught courses aim to equip the students with the latest developments in the fields of drug design and discovery, synthesis of drugs, instrumental methods of drug analysis, regulation and safety of drugs. The research component equips learners with knowledge in research proposal writing, extracting and analysing scientific data and conducting professional oral and written presentations. Through the required individual research project, candidates could focus on conducting scientific investigation and discovery on topic of their interest.

The programme is specially designed to equip graduates with the skills, knowledge, and experience to excel in the pharmaceutical industry, chemical industry, food industry, research & development and academia.

PROGRAMME STRUCTURE

Semester 1
- Research Methodology
- Chemistry of Drug Design and Discovery
- Advanced Separation Science
- Research I

Semester 2
- Chemical Informatics
- Drug Synthesis
- Advances in Spectroscopy
- Research II

The duration of candidature is dependent on the completion of taught courses and progress of research project.

ENTRY REQUIREMENT

Academic Requirement:
A Bachelor's of Science in Pharmacy; or a Bachelor's in Pharmacy (with honours); or equivalent undergraduate degree in related field with a minimum CGPA of 2.75. *Those who do not meet the CGPA of 2.75 can be accepted with a minimum of 5 years working experience in the related field.

Faculty to assess before admission.

English Requirement*:
IELTS: Band 5.0; MUET: Band 3.5; TOEFL: 40 (iBT); Cambridge Linguaskill: 154;
Cambridge English Qualifications and Tests:
(i)Linguaskill Online score: 154
(ii)Occupational English Test (OET): 200
To be obtained before admission. Applicants who are pursuing Bachelor degree in other universities that use English as the medium of instruction can be exempted from the above requirements.
Note: Candidates who failed to fulfil the above criteria may be required to take an English Proficiency course at the university.

Eligible for exemption with a letter from alma mater registrar stating the medium of instruction was in English during Bachelor's degree.

MASTER OF CLINICAL PHARMACY PRACTICE

(R/727/7/0075) (09/2026) (MQA/FA7999)

If you are a pharmacist working in primary care, hospital or the community pharmacy and wish to further develop your skills and knowledge in patient care, then the Master of Clinical Pharmacy Practice will be of interest to you. This programme aims to nurture pharmacists with the practice of pharmaceutical care as well as the skills required to deliver patient care safely and effectively. Suited to the diverse career path in Pharmacy Practice, the Master of Clinical Pharmacy Practice is offered via two professional pathways: The Hospital Pharmacy Pathway or The Community Pharmacy Pathway. These pathways provide pharmacists with the skills to lead pharmaceutical pharmacy practice projects and be in the management positions in their place of practice. Gain the edge in pharmacy practice and change outcomes for patients and the healthcare community.

ENTRY REQUIREMENT

Academic Requirement:
A Bachelor's of science in Pharmacy; or a bachelor's in Pharmacy (with honours) with a minimum CGPA of 2.50.
Other graduates are not accepted for admission.
*Those who do not meet the CGPA of 2.50 can be accepted with minimum 5 years of working experience in related field.
Faculty to assess before admission.

English Requirement:
IELTS: Band 5.0; MUET: Band 3.5; TOEFL: 40 (iBT);
Cambridge Linguaskill: 154;
Cambridge English Qualifications and Tests:
(i)Linguaskill Online score: 154
(ii)Occupational English Test (OET): 200
To be obtained before admission. Applicants who are pursuing Bachelor degree in other universities that use English as the medium of instruction can be exempted from the above requirements.
Note: Candidates who failed to fulfil the above criteria may be required to take an English Proficiency course at the university.

PROGRAMME STRUCTURE

HOSPITAL PHARMACY PATHWAY

Semester 1
• Research Methodology
• Hospital and Community Pharmacy
• Evidence Based Medicine
• Advanced Therapeutics in Infectious Diseases

Semester 2
• Biostatistics and Experimental Design
• Advanced Therapeutics and Internal Medicine
• Advanced Therapeutics in Cancer Care
• Advanced Therapeutics in Paediatrics and Geriatrics

Semester 3
• Internal Medicine Clerkship
• Critical Care Clerkship
• Nephrology Clerkship
• Paediatric Clerkship
• Infectious Disease Clerkship
• Psychiatric Clerkship
• Oncology Clerkship
• Research Project

COMMUNITY PHARMACY PATHWAY

Semester 1
• Research Methodology
• Hospital and Community Pharmacy
• Evidence Based Medicine
• Advanced Therapeutics in Infectious Diseases

Semester 2
• Biostatistics and Experimental Design
• Advanced Therapeutics and Internal Medicine
• Medicine Management in Community Pharmacy
• Public Health Pharmacy

Semester 3
• Community Pharmacy Clerkship
• Ambulatory Care Clerkship
• Independent Pharmacy Clerkship
• Research Project

MASTER OF SCIENCE (PHARMACEUTICAL SCIENCES)

(N/727/7/0099) (10/2025) (MQA/PA14016)

The Master of Science (MSc) programme in Pharmaceutical Sciences at UCSI University is a multidisciplinary full research mode postgraduate degree. It is the first master's degree with specialisation in multidisciplinary areas of pharmaceutical sciences involving chemistry, medicinal chemistry, physiology, pharmacology, microbiology, pharmacokinetics, pharmaceutics and formulation science and pharmacogenomics, among others. Experts in the field of Pharmaceutical Sciences are much needed due to the growing demand in the pharmaceutical industry in Malaysia and internationally. UCSI's researchers and supervisors are equipped with local and international research grants as well as the experience to mentor students in their research projects. They are also constantly engaging in ongoing professional development to ensure effective research supervision.

PROGRAMME STRUCTURE

Semester 1
• Research Methodology
• Business and Entrepreneurship in Practice
• MSc Research

Semester 2 onwards
• MSc Research

ENTRY REQUIREMENT

Academic Requirement:
Qualification:
Bachelor's degree with a minimum CGPA of 2.75 or equivalent. At least Five (5) years of relevant working experience is required for applicants who do not meet the minimum CGPA requirement.
Conversion to the Doctor of Philosophy (Pharmaceutical Sciences) after 1 year of study in this programme.
*Upon fulfilment of the progression requirements

English Requirement:
IELTS: Band 5.0; MUET: Band 3.5; TOEFL: 40 (iBT); Cambridge Linguaskill: 154;
Cambridge English Qualifications and Tests:
(i)Linguaskill Online score: 154
(ii)Occupational English Test (OET): 200
To be obtained before admission. Applicants who are pursuing Bachelor degree in other universities that use English as the medium of instruction can be exempted from the above requirements.
Note: Candidates who failed to fulfil the above criteria may be required to take an English Proficiency course at the university.

INDUSTRIAL PhD IN ENGINEERING

(N/520/8/0101) (08/2022) (MQA/PA9046)

At UCSI University, gearing the curriculum to meet the demands of industry 4.0 is the focus of our newly refreshed strategic plan. For starters, the new programme of Industrial PhD in Engineering will focus on the many disciplines of engineering. With the launching of this programme, practising engineers in areas related to resource efficiency, automation, big data and the internet of things now have the opportunity to enrol for a PhD study designed to directly involve their existing projects and assignments.

The programme will provide graduates with the ability to carry out advanced research in their various engineering disciplines related to industry 4.0. They will be equipped with the tools and skills to solve complex industrial problems. At the same time, the programme aims to facilitate the discovery of new knowledge which will contribute to the further improvement and enhancement of the industry's productivity. Graduates will participate in research in their respective fields and improve competitiveness in the industry. This gives a better research collaboration between the academia and industry for a better outcome that addresses technological needs of the industry. Naturally, graduates in this programme will go a long way in sharpening their innovation capacity to drive the industry to greater heights.

PROGRAMME STRUCTURE

Semester 1
• Research
• Research Methodology

Semesters 2 to 9
• Research (to be taken each semester)
• Global Management And Business Issues*
• Entrepreneurship, Creativity and Innovation*

*to be taken within study duration

ENTRY REQUIREMENT

Academic Requirement:
A master's degree in engineering; or in a related field; or a master's degree that is recognised by UCSI university.

Additional Requirement:
Currently working in an engineering-related industry.

English Requirement: (For Local Students):
Must possess English competency as per Malaysian undergraduate requirements, whereby the medium of instruction is in English.

(For International Students):
Cambridge Linguaskill: 154; IELTS: Band 5.0; Cambridge English Qualifications and Tests: 154; TOEFL PBT: 550, CBT 213
TOEFL IBT: 40; Pearson Test of English: 47; MUET: Band 3.5; TOEFL ESSENTIALS (ONLINE): 7.5; CEFR: B1 (High B1)
First degree from a university where the medium of instruction is English.

DOCTOR OF PHILOSOPHY (ENGINEERING)

(R/520/8/0074) (05/2027) (MQA/FA5877)
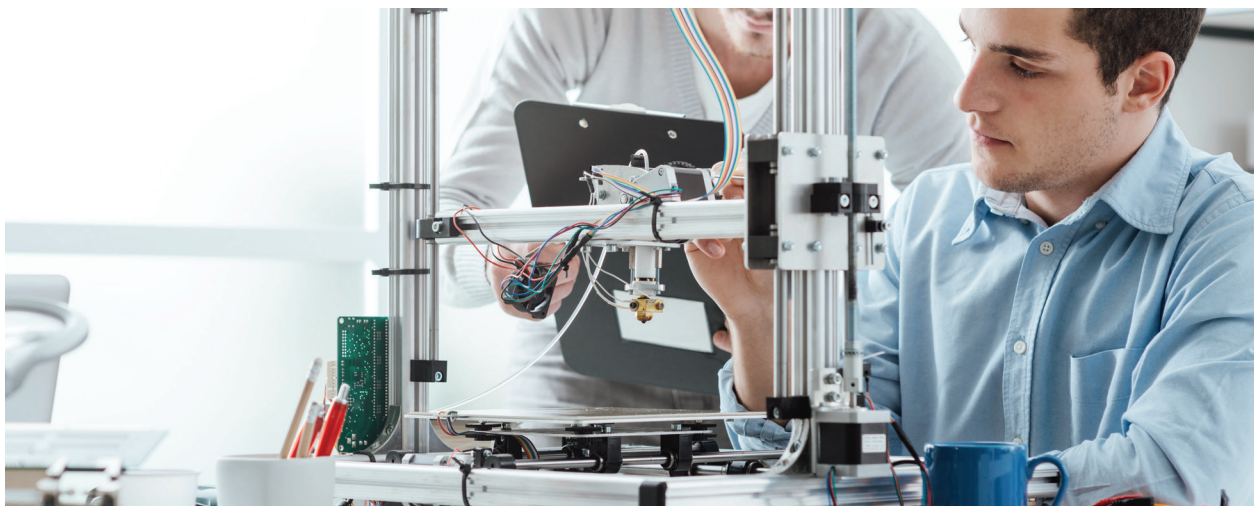
Ever engaging and always immersive, this programme steers graduate students on a research-intensive journey that furthers theoretical knowledge and addresses challenges in the industry. The programme cuts across UCSI's many engineering disciplines – civil, electrical, electronic, communication, mechanical, mechatronics, chemical, petroleum, energy and artificial intelligence, among others.

Holistic and immersive, the programme sees students working with academics who are at the forefront of their respective disciplines. Together, they apply their knowledge in endeavours that bring knowledge to bear on multiple challenges in the industry and society. The projects they take on range from intensive endeavours to meet industry needs to long-haul efforts that expand knowledge and carry far-reaching impact. Doctorate students are strongly encouraged to attend national and international conferences at least once during their studies at UCSI. The Faculty also organises regular seminars, talks, engineering workshops and journal briefings, providing opportunities for doctorate students to share their knowledge as participants or presenters.

If it is a dynamic research environment that you seek, look no further.

PROGRAMME STRUCTURE

Semester 1
• Research
• Research Methodology

Semesters 2 to 9
• Research

ENTRY REQUIREMENT

Academic Requirement:
A master's degree in engineering; or in a related field; or a master's that is recognised by UCSI University.

English Requirement: (For Local Students):
Must possess English competency as per Malaysian undergraduate requirements, whereby the medium of instruction is in English.

(For International Students): Cambridge Linguaskill: 154; IELTS: Band 5.0; Cambridge English Qualifications and Tests: 154; TOEFL PBT: 550, CBT 213; TOEFL IBT: 40; Pearson Test of English: 47; MUET: Band 3.5; TOEFL ESSENTIALS (ONLINE): 7.5; CEFR: B1 (High B1)
First degree from a university where the medium of instruction is English.

DOCTOR OF PHILOSOPHY IN ARCHITECTURE

(N/581/8/0109) (12/2022) (MQA/PA9361)
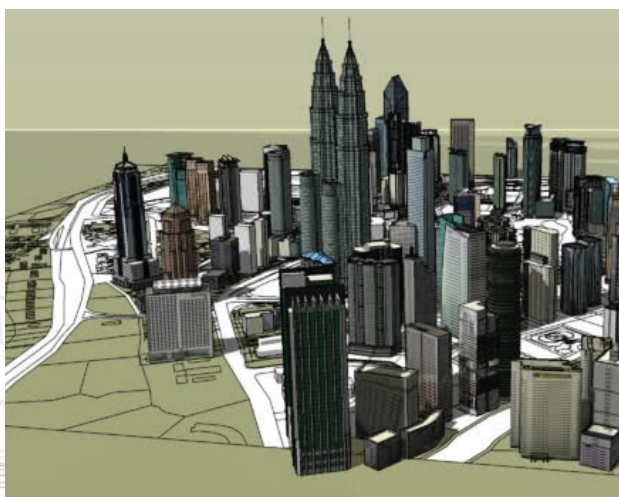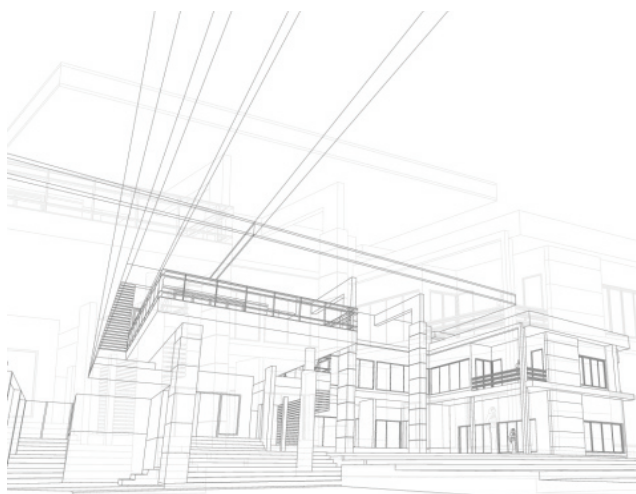
The Doctor of Philosophy in Architecture is designed with one thing in mind, the impact it will have on your career. By pursuing this credential, you will critically evaluate existing designs, theories, build practices and policies on architecture and built environment and will challenge convention.

And as you address the complexities of the profession and the challenges in the industry, you will come up with sustainable solutions that push the frontiers of advanced architecture and its convergence with science and technology. You can look forward to learning from and work alongside leading thinkers and practitioners who have years of experience in the industry. Opportunities to work with academics from other faculties also exists and you can look forward to a dynamic environment that promotes the cross-fertilisation of ideas.

PROGRAMME STRUCTURE

Semester 1
• Issues and Methods of Architecture Research (compulsory module)

Semesters 2 to 9
• Research

Research proposal review and admission interview are required for all applicants.

ENTRY REQUIREMENT

Academic Requirement:
Master's degree (Malaysia Qualification Framework, MQF Level 7) in Architecture or related fields or its equivalent recognised by the University.

English Requirement: (For International applicants only)
IELTS: 6.0; or TOEFL: 550 (paper) or 213 (computer based – Testing CBT) or 79-80 (Internet Based Test IBT).

MASTER OF ARCHITECTURE

(R/581/7/0054) (08/2024) (MQA/FA4224)

UCSI University's Master of Architecture is a project-based programme that puts Design as its core emphasis. Other focus areas in the two-year programme include Technology and Environment, Architectural Management, Cultural Context and Communication. Notably, this programme will see graduate students working hand-in-hand with developers, local agencies and other relevant bodies on industrial projects from public-social housing to commercial development under the tutelage of experienced academics. Exposure to such pragmatic projects will ensure they are well-equipped to work independently with minimal supervision on their design thesis.

At UCSI, we are strongly committed to address issues pertaining to sustainable architecture. We also devise architectural solutions to improve the quality of life. We engage local and international universities and partner with leading architectural firms to open doors for graduate students in the areas of research collaboration and industry networking. In today's ever-changing architectural landscape, relevance is key and this is the reason we want to equip our students with an education geared to the realities of the professional market. Take for example the course on Building Information Modelling (BIM) – the process of designing a building collaboratively using an integrated system of computer models. Through this course, students can tackle and simplify complex design issues using modern technology while strengthening their career prospects in the field.

As a postgraduate student at the school, your learning experiences will be varied and engaging. Projects will be commonplace but more than that, you will also refine your technical know-how independently in a dedicated studio environment. Collectively, you and your peers will have the opportunity to explore architectural design concerns through lectures, seminars, scholarly research and writing. You will be expected to appraise case studies and surveys related to national and global concerns in the architectural sphere. And you will meet – and brainstorm with – other practising architects who are experts in their fields. These vital points set the Master of Architecture apart as more than a postgraduate qualification as it is connects you to an exceptional range of individuals, experiences and opportunities. This programme is accredited Part 2 Master of Architecture by Lembaga Arkitek Malaysia.

PROGRAMME STRUCTURE

Semester 1
• Integrated Architecture Design 1
• Advanced Structure and Construction
• Building Information Modelling
• Architecture Theory

Semester 2
• Integrated Architecture Design 2
• Integrated Building System
• Computer-aided Modelling and Simulation
• Research Methodology

Semester 3
• Design Thesis 1
• Architectural Economics
• Sustainable Environment
• Architectural Practice and Management 1

Semester 4
• Design Thesis 2
• Architectural Practice and Management 2

ENTRY REQUIREMENT

Academic Requirement:
Graduate from LAM Accredited Part 1 Architecture with CGPA of (i) 2.75 and above (ii), 2.50-2.74 or (iii) 2.0 to 2.49

AND (i) at least 6 months working experience at a registered Architect Office, or a practice within the building industry after obtaining the degree; (ii) at least 12 months working experience in the same capacity (iii) at least 3 years working experience in the same capacity.

Portfolio review and interview are required for all applicants.

English Requirement: (For International applicants only)
IELTS: 5.0; MUET: Band 3; TOEFL iBT: 42; Pearson Test of English: 47; or Cambridge English Qualifications and Tests: 154.

MASTER OF PHILOSOPHY IN ENGINEERING

(R/520/7/0073) (05/2025) (MQA FA5878)

Anchored on research (thesis and publications), this programme is designed for graduate students who are keen on finding solutions for pertinent problems. Delving into in-depth theoretical aspects of professional engineering disciplines such as civil, electrical, electronic, mechanical and mechatronics, among others – the programme offers an immersive experience. Graduate students start with issue analysis, plan their research projects and apply their findings or innovations to the industry or the commercial market.

To give candidates an advantage in conducting quality research, the programme includes a specifically-designed 3-credit hour Research Methodology coursework module. This equips students with the essential skills and know-how to gain an edge in competitive research, presentation, and the publication of their findings in national and international scientific journals. Graduate students are also encouraged to participate in national and international engineering conferences at least once during the course of their studies to expand their network and working relationships with supervisors, colleagues and peers at UCSI and in the wider research community.

PROGRAMME STRUCTURE

Semester 1
• Research
• Research Methodology

Semesters 2 to 6
• Research
to be taken each semester

ENTRY REQUIREMENT

Academic Requirement:
A bachelor's degree with a minimum CGPA of 2.75 or equivalent subject that is accepted by UCSI University; or a bachelor's degree with a minimum CGPA of 2.50 subject to the approval of the internal assessment; or a bachelor's degree with a CGPA below 2.50 with a minimum of 5 years of working experience in a relevant field.

English Requirement: (For Local Students):
Must possess English competency as per Malaysian undergraduate requirements, whereby the medium of instruction is in English.

(For International Students): Cambridge Linguaskill: 154; IELTS: Band 5.0; Cambridge English Qualifications and Tests: 154; TOEFL PBT: 550, CBT 213; TOEFL IBT: 40; Pearson Test of English: 47; MUET: Band 3.5; TOEFL ESSENTIALS (ONLINE): 7.5; CEFR: B1 (High B1)
First degree from a university where the medium of instruction is English.

MASTER OF PHILOSOPHY IN BUILT ENVIRONMENT

(N/580/7/0021) (02/2026) (MQA/PA14224)

This research programme aims to stimulate and develop learner's research competence while nurturing them to be independent thinkers with creative thinking and problem-solving skills as leaders in the field of built environment. The School of Architecture and Built Environment brings together four key disciplines to provide a unique graduate learning experience, specially designed to enhance knowledge on the Sustainable Development Goals and through interdisciplinary thinking in research.

Learners are encouraged to develop in-depth, critical understanding of their chosen research topic expanding the knowledge base for community enhancement, enabling the elevation of living quality for common good.

PROGRAMME STRUCTURE

Semester 1
• Research Methodology
  (compulsory module)

Semesters 2 to 9
• Research Seminar

Research proposal review and admission interview are required for all applicants.

## ENTRY REQUIREMENT

Academic Requirement:
A bachelor's degree with minimum CGPA of 2.75 or equivalent, as accepted by UCSI University; OR a bachelor's degree or equivalent with minimum CGPA of 2.5 and if not meeting CGPA of 2.75, can be accepted subject to rigorous internal assessment; OR a bachelor's degree or equivalent and if not meeting CGPA of 2.5, can be accepted subject to a minimum of five (5) years working experience in a relevant field.

English Requirement:
IELTS: 6.0; or Test of English as Foreign Language (TOEFL) score of 550 (paper) or 213 (computer based - Testing CBT) or 79-80 (Internet Based Test IBT).

MASTER IN ENGINEERING (SMART ENGINEERING MANAGEMENT)

(N/520/7/0122) (10/2026) (MQA PA14823)
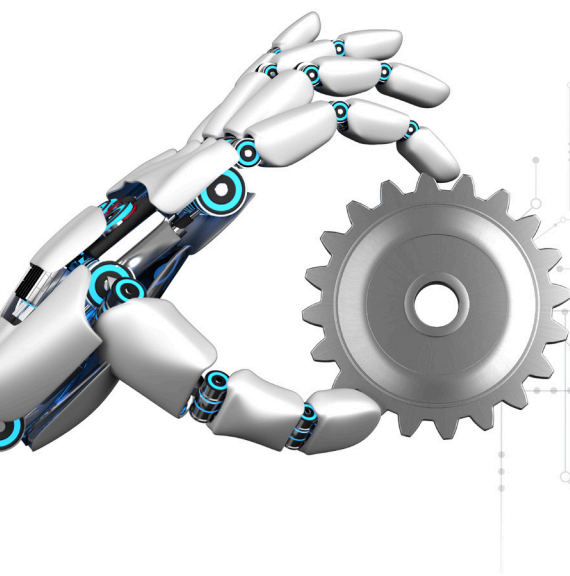
Industrial 4.0 has changed the landscape of engineers' role in utilising and integrating emerging technologies into the industrial operation whilst not neglecting the human-centric skills, which is necessary for the growth of any engineering field. The new norm engineers must keep abreast with constant modern technology developments and be empowered with skills to deploy the technological solution sustainably. This programme equips candidates beyond the mastery of work-ready skills, weaving in the 9 pillars of IR4.0, engraved in the globalisation of the world's socio-economy movement.

This programme is also aligned with our government's Rancangan Malaysia Ke-12 (RMK-12), to uphold industry 4.0. The plan emphasises the implementation of IoT, establishing how IoT should be encouraged and managed. From robotics, AI, automation, blockchain, cloud computing, advanced materials to 3D printing, UCSI crafts the way for new learning concepts and implements solutions in issues relevant to the industries. Our master students are exposed to training and talks from interdisciplinary experts and industry leaders. In UCSI, we recognise that only knowledge and theories in graduates are not enough to excel at their workplaces, so we aim to produce pragmatic graduates.

PROGRAMME STRUCTURE

Semester 1
• Project & Risk Management
• Safety, Health & Environmental Management
• Research Methodology
• Data Science for Decision Making*
• Blue Ocean Strategy*

Semesters 2
• Total Quality Management
• Industrial Revolution 4.0
• Master's Project 1
• Industrial Marketing Management*

Semesters 3
• Business Continuation Management & Global Issues
• Master's Project 2
• Operational Management*
• Supply Chain Management*

Elective subjects to be taken within study duration

ENTRY REQUIREMENT

Academic Requirement:
A Bachelor's degree in Engineering or Engineering Technology (MQF Level 6) with minimum cumulative grade point average (CGPA) of 2.5 or equivalent, as accepted by the Senate; OR a Bachelor's degree in Engineering or Engineering Technology or equivalent Science and Technology (MQF Level 6) with minimum of CGPA of 2.00 and not meeting CGPA of 2.50, can be accepted subject to rigorous internal assessment; OR a Bachelor's degree in Engineering or Engineering Technology or equivalent Science and Technology (MQF Level 6) with minimum of CGPA of 2.00, can be accepted subject to a minimum of five years working experience in a relevant field.

English Requirement: (For Local Students):
Must possess English competency as per Malaysian undergraduate requirements, whereby the medium of instruction is in English.

(For International Students): Cambridge Linguaskill: 154; IELTS: Band 5.0; Cambridge English Qualifications and Tests: 154; TOEFL PBT: 550, CBT 213; TOEFL IBT: 40; Pearson Test of English: 47; MUET: Band 3.5; TOEFL ESSENTIALS (ONLINE): 7.5; CEFR: B1 (High B1)
First degree from a university where the medium of instruction is English.

DOCTOR OF PHILOSOPHY (EDUCATION)

(N/141/8/0001) (01/2027) (MQA/PA12956)

Education discipline contributes significantly to education systems all over the world from preschool to higher education. Advanced research in education has been known to penetrate transnational education, seamless learning and character development. In this interest, students in this PhD (Education) programme will be guided to acquire and utilise competencies relevant to the planning and execution of research in the various educational disciplines. Our programme seeks to prepare scholars whose research will address critical problems in education, develop our understanding of teaching and learning in diverse contexts, and lead to improved outcomes for all learners.

Students are encouraged to participate in the discovery of new knowledge that feeds into the practice of the education system. The PhD (Education) programme also aims to engage students in active research collaboration between academia and industry, as well as with institutions abroad. Your engagement in this programme will certainly shape you for a better future.

PROGRAMME STRUCTURE

Year 1
Semester 1
• Research Methodologies in Education

Year 1
Semester 2
• Proposal and Thesis Writing

Year 1
Semester 3
• Research Seminar
• PhD Research Project (Supervision)

Year 2, 3, 4, 5
• PhD Research Project (Supervision)

Year 5
Semester 3
• PhD Research Project (Supervision)
• PhD Viva Voce Examination

Prerequisite for Year 1 Semester 3:
**Research Methodologies in Education
**Proposal and Thesis Writing

ENTRY REQUIREMENT

Academic Requirement:
A Master's Degree in the field or related fields or equivalent as accepted by the HEP's Senate; OR
An outstanding Bachelor's Degree in the field or related fields or equivalent with a minimum CGPA of 3.67, may apply to convert their candidacy to the PhD programmes subject to:
- • Having shown competency and capability in conducting research at PhD level
- • Rigorous internal evaluation by the HEP
- • Approval by the HEP's Senate

Bridging Courses:
Applicants who do not have:
a Master's Degree in Education; OR
a minimum of six (6) months teaching experience (as stipulated by the MQA) must take the prerequisite courses as determined by the HEP.
1. Philosophy in Education (4 Credit Hours)
2. Sociology of Education (4 Credit Hours)

English Requirement:
IELTS: 5.0; TOEFL (iBT): 40; MUET: Band 3.5; Pearson test of English: 47; Cambridge English Qualification and Tests: 154; AND
The medium of instruction was of the English language for the bachelor's degree studies.
Note: Candidates who fail to fulfil the above criteria may be required to take an English Proficiency Course at the University

MASTER OF CHILD PSYCHOLOGY

(R/311/7/0045) (03/2024) (MQA/FA3686)

Focusing on a crucial stage in developmental psychology, this master's programme equips graduate learners like yourself with new insights on how children learn and the way they interact with their surroundings. In-depth training and applied knowledge characterise the delivery of the programme and you will understand and appreciate how subjectivities bring out the best in children. Nothing is left to chance and you will challenge yourself as you test each assumption from the classroom to the socialisation process. Offered via applied and research pathways, the programme is designed to suit different learning preferences. It was also tailored with you in mind. Delve full-time into the programme or opt for the part-time study option that addresses the rigorous demands and responsibilities shouldered by today's educators. The latter sees classes being delivered in a format that fits your professional and personal schedule, negating any possibility of career disruption. Regardless of your choice, the programme will accomplish the same purpose, the positive impact it will have on your work.

PROGRAMME STRUCTURE

Semester 1
• Children's Social, Emotional and Cognitive Development
• Child Psychopathology
• Behavioural and Emotional Assessment of Children
• Research Design and Methods

Semester 2
• Family, Children and Education
• Cognitive Assessment of Children
• Statistical Methods
• Research Project 1

Semester 3
• Ethics and Professional Issues in Child Psychology
• Guidance and Therapy with Children
• Research Project 2

Semester 4
• Internship

BRIDGING COURSES

For students with non-psychology background

List of courses

• Introduction of Psychology
• Psychological Research Method 1
• Statistics for Psychology
• Lifespan Development
• Social Psychology
• Neuropsychology
• Cognitive Psychology
• Personality Theories
• Psychological Research Method 2
• Counselling Theories and Techniques
• Ethics and Professional Issues in Psychology
• Psychological Testing and Measurement
• Cross Cultural Psychology

ENTRY REQUIREMENT

Academic Requirement:
A Bachelor's Degree in Psychology with a minimum CGPA of 2.75; or a bachelor's degree in any field with a minimum CGPA of 2.75 subject to a minimum of 45 credits of prerequisite modules in psychology; or a bachelor's degree in any field with a minimum CGPA of 2.75 subject to a minimum of 30 credits of prerequisite modules in psychology AND a minimum score of 550 in Graduate Record Examinations (GRE) (psychology); or other equivalent qualification subject to the approval of UCSI University.

English Requirement:
IELTS: 6.0; TOEFL (iBT):60; or MUET: Band 4; ADD: Pearson Test of English: 59; Cambridge English Qualification and Tests: 169.

MASTER OF CLINICAL PSYCHOLOGY

(R/311/7/0045) (03/2024) (MQA/FA11366)

The Master of Clinical Psychology integrates the human mind, brain, behaviour and experience into a cohesive field of psychology that specialises in the understanding, assessment, diagnosis and treatment of psychological dysfunctions of the 21st century. Clinical psychologists work together with other mental health professionals to promote psychological health, as well as prevent and relieve psychological problems. At UCSI, you will learn from passionate academics committed to their intellectual and empirical research work where the central belief to the practice of clinical psychology is the use of psychological testing and psychotherapy.

This postgraduate degree offers a rich curriculum that will give you exposure to a broad range of psychology-related topics that include child, adolescent and adult clinical psychopathology, neuropsychology, psychopharmacology and psychotherapy theories and techniques. Get set for exciting pathways in various industries when you join UCSI University.

PROGRAMME STRUCTURE

The two years full-time program consists of the following component:
• Coursework (including assignments and exams)
• Research project
• Practical training

Year 1
Semester 1
• Ethical Practice and Research Approaches
• Psychotherapy Theories and Techniques 1
• Adult Clinical Psychopathology
• Research Methodologies and Statistics

Year 1
Semester 2
• Child and Adolescent Clinical Psychopathology
• Testing and Measurement
• Neuropsychology
• Psychotherapy Theories and Techniques 2

Year 2
Semester 1
• Clinical Placement 2
• Clinical Research Project 1

Year 2
Semester 2
• Clinical Placement 3
• Clinical Research Project 2

ENTRY REQUIREMENT

Academic Requirement:
Bachelor's degree of at least 3 years of study in Psychology or related fields (counseling psychology/health psychology) from a recognised university with a minimum CGPA of 2.75 or equivalent.

All candidates need to undergo a compulsory interview conducted by qualified clinical-psychologists and be administered a personality test.

English Requirement:
IELTS: 6.0; TOEFL (iBT): 60; or MUET: Band 4 and the medium of instruction was of the English language for the bachelor's degree studies; Pearson Test of English: 59; Cambridge English Qualification and Tests: 169.

MASTER OF EDUCATION

(N/141/7/0017)(03/27)(MQA/PA15229)

Designed to provide graduates with advanced knowledge and a range o specialised skill sets to be an effective educator, the Master of Education offered at UCSI University is a research and practical oriented based programme. In line
with the current shift towards knowledge-based economy to raise competent and academically qualified educators, the programme nurtures independentthinkers with adaptability to manage their role effectively, be equipped with high critical thinking as well as problem-solving skills to deal with the demands of new developments in the fields of different educational settings. Students who aspire to be teaching professionals would be required to complete the taught modules and the learning outcomes that incorporate important attributes. This programme focuses on the current issues and trends.

PROGRAMME STRUCTURE

Core Courses
• Research Methodology in Education
• Thesis Writing
• Dissertation 1
• Dissertation 2

Elective Courses
• Assessment and Feedback in Education
• Critical Practices of Teaching and Learning
• Curriculum and Instruction
• Educational Technology and Multimedia
• Educational Psychology

ENTRY REQUIREMENT

Academic Requirement:
A Bachelor's Degree in the field or related fields or equivalent, with a minimum CGPA of 2.75, as accepted by the HEP's Senate; OR
A Bachelor's Degree in the field or related fields or equivalent, with a minimum CGPA of 2.50 and not meeting CGPA of 2.75, can be accepted subject to rigorous internal assessment; OR
A Bachelor's Degree in the field or related fields or equivalent, not meeting CGPA of 2.50, can be accepted subject to a minimum of five (5) years working experience in a relevant field.

Applicants through Accreditation of Prior Experiential Learning (APEL) must be a Malaysian citizen aged more than 30 years old in the year of application, with relevant work experience/ prior experiential learning and a passed APEL assessment.

Bridging Courses:
Applicants who do not have:
a Bachelor's Degree in Education; OR
a minimum of five (5) years working experience in a relevant field (as stipulated by the MQA) must take the prerequisite courses as determined by the HEP.
　　1. Philosophy in Education (4 Credit Hours)
　　2. Sociology of Education (4 Credit Hours)

English Requirement:
IELTS : 5.0 ; TOEFL (iBT): 40; Pearson Test of English: 47; Cambridge English Qualification and Tests: 154; MUET: Band3.5 AND The medium of instruction was of the English language for the bachelor's degree studies.

Note: Candidates who fail to fulfil the above criteria may be required to take an English Proficiency Course at the University.

MASTER IN STRATEGIC COMMUNICATION

(N/0323/7/0002) (08/2027) (MQA/PA 15466)

The Master in Strategic Communication programme which will be offered by UCSI University aims to provide graduates with the ability to apply the theoretical knowledge in strategic communication, digital and marketing communications to solve complex problems in that area.

The Master in Strategic Communication programme offered by UCSI University focuses on the study of organisations as communicators across the governmental, non-governmental and corporate sectors, especially in the context of change associated with digitalization and globalization. In particular, it will examine the ways organisations communicate strategically, both internally and externally; and how communication contributes to shaping discourses and practices associated with leadership within organizations and across them.

PROGRAMME STRUCTURE

Core (Compulsory)
• Theories in Media and Communication
• Media and Communication Research Methods
• Critical Approaches to Strategic Communication

Electives *(Select one)*
• Corporate Communication
• Statistics in Strategic Communication
• Crisis Communication
• Strategic Communication in Practice: Professional Perspectives
• Social Media Marketing Strategies
• Big Data Analysis

ENTRY REQUIREMENT

Academic Requirement:
• A Bachelor's Degree with minimum CGPA of 2.75 or equivalent, as accepted by the HEP Senate OR
• A bachelor's degree or equivalent with minimum CGPA of 2.50 and not meeting CGPA of 2.75, can be accepted subject to rigorous internal assessment OR
• A bachelor's degree or equivalent not meeting CGPA of 2.50, can be accepted subject to a minimum of 5 years working experience in relevant field

English Requirement:
IELTS: Band 6.0 ; TOEFL(iBT):60; Pearson Test of English: 59; Cambridge English Qualification and Tests: 169.

POSTGRADUATE DIPLOMA IN TERTIARY TEACHING (PGDTT)

(R/520/7/0073) (05/2025) (MQA/FA5878)

Designed for both new and experienced educators, this Postgraduate Diploma provides a platform for you to discover the best methods to teach and assess your students. Explore being a critical and reflective practitioner and learn techniques to enhance your teaching and research. The programme also trains you to use and integrate the latest technologies into your academic practice to enliven the classroom and make your classes engaging, fascinating and fun. Explore the craftsmanship in designing curriculums appropriate to your purposes and outcomes while working with your inter-faculty colleagues in projects to attain multidisciplinary and interdisciplinary perspectives of teaching and learning. Imagine the flexibility to learn from your home, office or even a café while sipping on coffee as long as you are connected to the internet. Designed for dedicated educators with active schedules, our courses are 70% online. As the world gradually becomes borderless, seize opportunities to broaden your knowledge and obtain the necessary skills through our versatile programme that guarantees to make you become a better educator.

PROGRAMME STRUCTURE

FULL-TIME (12 months)

Semester 1
• Philosophy of Education
• Sociology of Education
• Psychology of Education

Semester 2
• Critical Practices of Teaching and Learning
• Assessment, Evaluation and Feedback
• Curriculum Planning and Development
• Microteaching and Teaching Preparation

Semester 3
• Teaching Practicum (To be taken as the last course)

Elective (Choose 1)
• Learning with Technologies for Higher Education
• Effective Communication Skills and Group Dynamics

PART-TIME (18-24 months)

Semester 1
• Philosophy of Education
• Sociology of Education
• Psychology of Education

Semester 2
• Critical Practices of Teaching and Learning
• Assessment, Evaluation and Feedback

Semester 3
• Curriculum Planning and Development
• Microteaching and Teaching Preparation

Elective (Choose 1)
• Learning with Technologies for Higher Education
• Effective Communication Skills and Group Dynamics

Semester 4
Teaching Practicum

ENTRY REQUIREMENT

Academic Requirement:
A master's degree in any field; or a bachelor's degree with a minimum CGPA of 2.5; or a bachelor's degree with CGPA below 2.5 with 5 years of working experience in a related field.

English Requirement:
IELTS: 5.0; TOEFL (iBT): 40; MUET: Band 4; Pearson Test of English: 47; Cambridge English Test: 154; or a minimum grade B+ for English in O-Level or GCE 1119.

POSTGRADUATE CERTIFICATE IN EDUCATION (PGCE)

(N/141/7/0018) (03/2027)(MQA/PA15239)

The Postgraduate Certificate in Education (PGCE) programme offered by UCSI University is a unique modular that aims to provide graduates an opportunity to become teachers, with advanced knowledge and skills in focused areas of educational development. This academic qualification pathway enable suprising teaching professionals to be competent to deal with the demands of new developments in the fields of different education settings.The programme is well designed to improve and reflect the needs of educatorswith modules focusing on the contemporary educational practices relevant to the economic and social contexts, through foundation subjects and core subjects, as well as elective and practical components.The courses will be delivered by experts in the education field. Students who aspire to become teaching professionals would require to complete the taught modules that incorporate important attributes.

PROGRAMME STRUCTURE

Education Foundation
• Philosophy of Education
• Sociology of Education

Discipline Core
• Technology in Curriculum Development
• Assessment, Evaluation and Guidance in Education

Professional Practice
• Teaching Practicum

Elective *(Select one)*
• Managing Co-curriculum
• Educational Management and Leadership

ENTRY REQUIREMENT

Academic Requirement:
• A Bachelor's Degree with a minimum CGPA of 2.50 OR
• A Bachelor's Degree with a CGPA of less than 2.50, with 5 years of related working experience in a related field.

English Requirement:
IELTS: Band 5.0; MUET: Band 4; TOEFL (iBT): 40; Pearson Test of English: 47; Cambridge English Test: 154.

DOCTOR OF PHILOSOPHY (MEDICAL SCIENCES)

N/0910/8/0001 (02/2030) (MQA): MQA/PA 15927

The Doctor of Philosophy in Medical Sciences is the leading postgraduate credential under the Faculty of Medicine and Health Sciences. The programme brings together the best minds from academia and the industry. It envisions academics working tandemly with their students on research in diverse fields. It emphasises fundamental, translational and applied research in health sciences-related areas.

The Faculty of Medicine and Health Sciences consists of qualified and experienced lecturers to guide PhD candidates in their research projects. Among the research interests of our faculty members are virology, bacteriology, immunology, cancer, phytochemistry, public health, healthy aging and many more.

Our faculty recognises the significance of sharing our research experience with students and forming a collaboration with them while actively promoting research in various subjects. Our study focuses on matters of national significance. The programme strives to provide students with superior supervision, high-quality projects, and adequate research facilities. Students will develop professional competence, intellectual creativity, self-assurance, leadership, and scientific expertise and become independent researchers.

PROGRAMME STRUCTURE

Semester 1
- Research Methodology
- PhD Research Project

Semester 2 - 5
- PhD Research Project

Semester 6
- Viva and Thesis

ENTRY REQUIREMENT

Academic Requirement:

Master Degree
- A Master's degree (Level 7, Malaysian Qualifications Framework (MQF) in Medical Sciences or related fields accepted by UCSI University; or
- Other qualifications equivalent to a Master's degree (Level 7, MQF) recognised by the Government of Malaysia.
- Candidates without a related qualification in the fields or working experience in the relevant fields must undergo appropriate prerequisite courses determined by UCSI University.

Bachelor Degree
- A Bachelor's degree (Level 6, MQF) with the following conditions:
- A Bachelor's degree (Level 6, MQF) in Medical Sciences or related fields with first-class (CGPA of 3.67 or higher) or its equivalent from an academic or Technical and Vocational Education and Training (TVET) programme.
- Undergo internal assessment; and
- Any other requirements of UCSI University.

A Bachelor's degree candidate pursuing a master's degree programme, may apply for conversion to our doctoral programme with the following conditions:
- Within 1 year for full time and within 2 years for part-time candidates.
- Having shown competency and capability in conducting research at doctoral level through rigorous internal evaluation by UCSI University; and
- Approval of UCSI University.

English Requirement:

Linguaskill: 154; IELTS: 5.0; Cambridge English Qualification and Test: 154; TOEFL: 42; Pearson Test of English: 47; MUET: Band 3.

MASTER OF SCIENCE (HEALTHY AGING, MEDICAL AESTHETIC AND REGENERATIVE MEDICINE)

(R2/721/7/0056) (10/2025) (A10080)

The Master of Science in Healthy Aging, Medical Aesthetics and Regenerative Medicine is the first postgraduate programme in Malaysia to combine three fields of healthy aging, medical aesthetic and regenerative medicine. Designed and offered exclusively to licensed medical doctors, the programme provides learners with a curriculum focusing on evidence-based practices. Led by practitioners and academics with extensive experience in the field, the programme is specifically designed to provide doctors with knowledge in these three fields through practical and hands-on approaches to learning. These include demonstrations, hands-on practices, laboratory sessions and talks by visiting speakers.

With access to the who's who in the industry, our learners will also enjoy avenues for further research and collaborations. This provides them with a platform to communicate their findings to the healthcare community through conferences or journal publications. The School of Healthy Aging, Aesthetic and Regenerative Medicine was established in 2011 and is part of UCSI University's Faculty of Medicine and Health Sciences, which has become synonymous with excellence in education and research. For Malaysian doctors, this is the only master's pathway to become a licensed and credentialed doctor in Aesthetic Medicine. International students will have the advantage of learning evidence-based Aesthetic Medicine.

ENTRY REQUIREMENT

Academic Requirement:
Bachelor Degree or equivalent with minimum CGPA of 2.50 in related field as accepted by the HEP Senate; or Bachelor Degree or equivalent in related field with CGPA of less than 2.50 and a minimum of 5 years working experience in the related field.

English Requirement:
IELTS: 5.0; or TOEFL 550 (PBT) / 230 (CBT) / 80 (IBT) or achieved above 70% for English Enrichment Programme (EEP) level 10 of UCSI University. To be obtained before admission.

PROGRAMME STRUCTURE

Module 1 : Medical Communication and Ethics
• The Doctor-Patient Relationship
• Written and Oral Communication Skills
• Medico-Legal Implications of Practising Healthy Aging, Medical Aesthetic and Regenerative Medicine
• Overview of Clinical Research Ethics
• Overview of Medical Ethics

Module 2 : Research Methodology
• Research Design and Methodology
• Critical Appraisal of Literature
• Conceptualisation and Conduct of Clinical Trials
• Statistical Analysis
• Scientific Writing and Publication

Modules 3 - 5 : Healthy Aging Medicine
• Theories of Aging
• Age-related diseases
• Nutrition
• Exercise
• Endocrinology
• Environment and Toxicology

Modules 6 - 8 : Aesthetic Medicine
• Basic Science in Aesthetic Medicine
• Chemical Peel
• Skin Tightening Procedures
• Botulinum Toxin Injection
• Dermal Filler Injection
• Lasers
• Intense Pulse Light
• Miscellaneous

Modules 9 - 11 : Regenerative Medicine
• Molecular Cell Biology
• Genetics and Epigenetics
• Stem Cells
• Cellular Therapies
• Tissue Engineering
• Regenerative Medicine, Bioethics and the Legal Perspective

Module 12 : Master Project Paper

DOCTOR OF PHILOSOPHY (HOSPITALITY AND TOURISM)

(N/1015/8/0001)(12/2029)(MQA/PA15587)

The Doctor of Philosophy in Hospitality and Tourism programme is a research-based programme which requires students to successfully complete and produce one thesis. This programme develops doctoral level skills of critical enquiry and research in the field of hospitality/tourism and related areas. This programme also provides the opportunity to engage in research activities to further contribute and develop understanding on the unique aspects of the hospitality and tourism industry.

PROGRAMME STRUCTURE

- Thesis
- Research Methods (Compulsory Audit) –
  to be completed in Year 1

ENTRY REQUIREMENT

Academic Requirement:
A master's degree in the field or related fields accepted by the HEP Senate; or Other qualifications equivalent to a master's degree recognised by the Government of Malaysia; or A bachelor's degree with the following conditions:
a) Bachelor's degree in the field or related fields with first-class (a minimum CGPA of 3.67) or its equivalent from an academic or Technical and Vocational Education and Training (TVET) programme;
b) Undergo internal assessment; and
c) Any other requirements of the HEP.

English Requirement:
International students are required to achieve a minimum score of 6.0 in IELTS or Band 4 in MUET or its equivalent.

MASTER IN INTERNATIONAL HOSPITALITY MANAGEMENT

(N/811/7/0351) (03/2025) (MQA/FA 12169) (Kuala Lumpur) | (N/811/7/0352) (03/2025) (MQA/FA 12170) (Kuching)

This programme is more than giving students the technical know-how and ideal management skills for a rewarding career in the hospitality industry. It is about preparing professionals to be objective-oriented and keeping ahead in leadership, social responsibility and ethical values to drive the industry further and greater.

As such, students in this programme will be exposed to research methods, marketing and digital communications for global hospitality businesses, and data analysis interpretation for hospitality research, among others. Ideally, this programme will give students the edge to thrive in various international businesses by espousing the right aptitude towards a global career. If this appeals to you, make UCSI University your choice, and get set to take on the world.

PROGRAMME STRUCTURE

- Research Methods for Hospitality Industry
- International Hospitality Operations and Management
- Marketing and Digital Communications for Global Hospitality Business
- Human Resource Management for Hospitality Industry
- Global Leadership Development for Hospitality Industry
- International Hospitality Innovation and Sustainability Practices.
- Finance Management for Hospitality Industry
- Data Analysis Interpretation for Hospitality Research
- Strategic Management and Planning for Hospitality Industry
- Organisational Behaviour for Hospitality Industry
- Global Business Entrepreneurship for Hospitality Industry
- Dissertation Project

ENTRY REQUIREMENT

Academic Requirement:
A bachelor's degree with a minimum CGPA of 2.50; or a recognised bachelor's degree with CGPA below 2.50 with a minimum 5 years of working experience in a relevant field.

English Requirement:
TOEFL (iBT) 60; MUET: Band 4; IELTS: 6.0 ; Pearson Test of English Test: 59; or Cambridge English Qualifications and Test: 169.

DOCTOR OF PHILOSOPHY IN ART, DESIGN AND CREATIVE MEDIA

(N/0210/8/0003) (08/2027) (MQA/PA15701)

ICAD's Doctor of Philosophy in Art, Design and Creative Media is the highest level of study that offers creative practitioners an opportunity to graduate with a PhD by developing their creative work. Offering a dual pathway study, doctoral students can choose to either write a full research thesis, or to develop creative work accompanied by a research report.

Doctoral students are encouraged to explore how traditional and fine art, culture, design, and fashion can be reframed and repurposed through critical ideas that deploy digital and technological innovations in terms of animation, visual and CG effects, and other digital media. PhD students will be expected to drive their creative practice through some research into areas that broadly relate to how art, culture, design, creative practice, and digital technology intersect.

With this programme, practitioners and artists are no longer faced with the challenge of writing a full-length doctoral thesis to graduate.

The Doctor of Philosophy in Art, Design and Creative Media is also ideal for those who wish to advance their academic profile with a critical practice component to hone their professional skills for broader career opportunities. Graduates will be able to frame their creative practice through research and to successfully contribute to research-backed policymaking for the creative industries, data-informed strategies for IP creation in the arts, and to spearhead visionary initiatives – as advanced practitioners or creative strategists – that will push the boundaries of the creative industries in Malaysia and their respective global communities.

ENTRY REQUIREMENT

Academic Requirement:
A Master's degree in the relevant field (Level 7, MQF), as accepted by the HEP's Senate; or Other qualifications equivalent to a Master's degree (Level 7, MQF) that are accepted by the HEP's Senate; or Other relevant equivalent qualifications recognized by the Malaysian Government; And Pass an interview or submission of portfolio determined by De Institute of Creative Arts and Design, UCSI University as required. Candidates can enter through direct entry to the Doctoral Degree with the following conditions: Students have first class Bachelor's degree or equivalent qualification; or Students have obtained CGPA of at least 3.67 or equivalent from either an academic or Technical and Vocational Education and Training (TVET) programme; and Evaluated through rigorous internal assessment by the HEP; and Approved by the HEP Senate and accepted as a candidate for the Doctoral Degree (Level 8, MQF) programme. Students must demonstrate appropriate progress during the candidature period.

English Requirement:
IELTS: 5.5; MUET: Band 4; Pearson Test of English: 51; TOEFL IBT: 46; TOEFL Essentials: 8; Cambridge Certificate of Proficiency in English (CPE): 160.

PROGRAMME STRUCTURE

Core Courses:
• Research Methodology in Arts & Design
• Graduate Seminar

Elective Courses (choose one):
• Thesis OR
• Creative Practice and Exegesis

MASTER OF ART AND DESIGN

(N/213/7/0312) (06/2022) (MQA/PA8587)

UCSI's Master of Art and Design is a practice-based programme that requires students to provide solutions through an innovative design thinking process. The disciplines involved are wide-ranging of multimedia, fine art, animation, graphic design and fashion, among others, covering the length and breadth of the creative industry. Prospective students are required to look into current design issues that are relevant to global trends in art and design. The programme is offered at De Institute of Creative Arts and Design - an institute that produces award-winning students at the local and international levels.

PROGRAMME STRUCTURE

Semester 1
• Research Methodology
• Graduate Seminar
• Research Proposal Presentations

Semester 2
• Practise-Based/Led Reports in Arts & Design
• Research Defense Proposal

Semester 3
• Research Progression I

Semester 4
• Research Progression II

Semester 5
• Research Progression II

Semester 6
• Viva Voce

ENTRY REQUIREMENT

Academic Requirement:
A Bachelor's degree or equivalent with minimum CGPA of 2.75 in the relevant field; OR Candidates with a Bachelor's degree or equivalent with at least CGPA of 2.50 in the relevant field and has not achieved CGPA 2.75, can be accepted subject to rigorous internal assessment; OR Candidates with a Bachelor's degree or equivalent with CGPA of less than 2.50 in the relevant field and a minimum of five (5) years working experience in the relevant field; OR Other relevant equivalent qualifications recognised by the Malaysian Government; AND Pass an interview with the submission of portfolio determined by the HEP as required.

English Requirement:
IELTS: 5.5; MUET: Band 4; Pearson Test of English: 51; TOEFL IBT: 46; TOEFL Essentials: 8; Cambridge Certificate of Proficiency in English (CPE): 160.

MASTER OF ART, DESIGN AND CREATIVE MEDIA

(N/0210/7/0001) (08/2029) (MQA/PA15704)

Creative practitioners who wish to undertake an advanced level of academic study often find it challenging coming from practice to academic study. ICAD's Master of Art, Design and Creative Media is designed to close this gap by allowing students to graduate with their creative work.

With a minimum study period of only 1 year, students are given the opportunity to enhance their understanding of critical production in the fields of arts, design, creative media, and other digital creative content. They will gain an understanding of their work in society and the creative potential of adopting digital creative technologies.

The final graduating submission is a creative artwork accompanied by a research report explaining the work. With this programme, practitioners and artists do not have to struggle with writing a full-length research thesis in order to graduate.

The Master of Art, Design and Creative Media is also ideal for those who wish to advance their academic profile with a critical practice component that is framed through research. Broader contributions to society and nation include research-backed policymaking for the creative industries, data-informed strategies for IP creation in the arts, and the spearheading of visionary initiatives – as advanced practitioners or creative strategists – that will push the boundaries of the creative industries in Malaysia and their respective global communities.

PROGRAMME STRUCTURE

Core Courses
- Research Methodology in Arts & Design
- Digital Art, Design and Creative Media Technologies in Southeast Asia
- Critical Practice and Production Culture
- Graduate Seminar
- Creative Practice 1
- Creative Practice 2
- Exegesis 1
- Exegesis 2

ENTRY REQUIREMENT

Academic Requirement:
A Bachelor's degree equivalent with minimum CGPA of 2.75 in the relevant field, or Candidates with a Bachelor's degree or equivalent with at least CGPA of 2.50 in the relevant field and has not achieved CGPA 2.75, can be accepted to rigorous internal assessment; or Candidates with a Bachelor's degree or equivalent with CGPA of less than 2.50 in the relevant field and and a minimum of five (5) years working experience in the relevant field; or Other relevant equivalent qualifications recognized by the Malaysian Government; And Pass an interview or submission of portfolio determined by De Institute of Creative Arts and Design, UCSI University as required.

English Requirement:
IELTS: 5.5; MUET: Band 4; Pearson Test of English: 51; TOEFL IBT: 46; TOEFL Essentials: 8; Cambridge Certificate of Proficiency in English (CPE): 160.

DOCTOR OF PHILOSOPHY IN MUSIC PERFORMANCE

(N/212/8/0021) (10/2028) (MQA/PA15142)

The Doctor of Philosophy in Music Performance programme places emphasis on both research and performance at its core either as soloist in solo performance or as the primary performer or soloist in collaborative setting. This programme develops doctoral level skills of critical enquiry and research in performance and literature. The Institute of Music at UCSI is well-known for its Top 19 ranking in the world for performing arts in the QS World University Ranking 2022. Learn from some of the world's best performers and join the fraternity of over 1,000 music graduates the institute has created to date.

PROGRAMME STRUCTURE

Course
• Music Research Methods

Graduation requirements

• 3 Creative Work Projects
  1. Recital 1
     (50-60 minutes performance)
  2. Recital 2
     (50-60 minutes performance)
  3. Lecture-Recital
     (60 minutes performance
     and 2,000 words document)

• 1 Research Project
     1 thesis
     (20,000 - 40,000 words)

ENTRY REQUIREMENTS

Academic Requirements:
a) Master's Degree accepted by the HEPs Senate; or
b) Other qualifications equivalent to a Master's Degree, as accepted by the HEPs Senate; or
c) Other qualifications equivalent to a Master Degree (Level 7 MQF) in the field or related fields recognised by the Government of Malaysia.

In addition to the above, the candidates must:
i. Submit a portfolio or creative/production work of professional standards.
ii. Be an active practitioner for the last 5 years.
iii. Pass interview/audition.

English Requirement:
IELTS: 5.0; MUET Band: 3.5; TOEFL: 40; TOEFL Essentials (online): 7.5 ; Cambridge English Qualification Test: 200, Pearson Test of English:47, or Cambridge Lingualskill: 154.

DOCTOR OF PHILOSOPHY IN MUSIC

(N/0215/8/0001) (07/2030) (MQA/PA16695)

The Doctor of Philosophy in Music aims to prepare students to contribute to the provision of music research area in Malaysia at postgraduate level, to promote a culture of research and intellectual inquiry, and to enhance the standing and understanding of music and the arts within Malaysian society and contribute to the achievement of a civil society, globally.

PROGRAMME STRUCTURE

Mode of instructions
The programme is conducted entirely in English. It is essential that all candidates are able to speak, read and write fluently in English.

Area of Research
PhD candidates can undertake supervised research at the Institute of Music in a wide variety of areas of music including but not limited to:

• Composition
• Music Education
• Musicology
• Popular Music

ENTRY REQUIREMENTS

Academic Requirements:
Master's Degree in the field or related fields, or other equivalent qualification recognised by the Malaysian government.

Research Proposal Requirements:
Research proposals should be 1200-1500 words in length (excluding title and references) and include the following sections:
• Title
• Introduction
• Background and Rationale
• Review of Literature
• Research Question(s)
• Research Methods
• Timetable
• References

English Requirement:(For Local Students):
Cambridge Linguaskill: 154; IELTS: 5.0; Cambridge English Qualification and Test: 154; TOEFL: 42; Pearson Test of English: 47

(For International Students): Cambridge English Qualifications and Tests: 154; (B1 Preliminary, B2 First, C1 Advanced C2 Proficiency, Linguaskill Online): 154; Cambridge English Qualifications and Tests (OET)(Conventional/Online): 200; IELTS Band: 5.0; TOEFL IBT: 40; TOEFL ESSENTIALS (ONLINE): 7.5; PTE Academic / Academic (online): 47; MUET Band: 3.5;

Interview: All applicants will go through an initial screening and only shortlisted applicants will be invited for an interview.

MASTER OF MUSIC (PERFORMANCE STUDIES)

(R2/212/7/0009) (08/2027) (MQA/FA1257)

The Master of Music (Performance Studies) programme, with a focus in Western Art Music tradition, is designed to cater to the changing needs of musicians today. It has a strong emphasis on performance with the Principal Study instruction at its core embracing both solo and collaborative performance and yet, develop Master's level skills of critical enquiry and research through a secondary specialisation in areas of teaching, research, or community music.

PROGRAMME STRUCTURE

Core Courses
• Principal Study 1-4
• Research Project 1-2
• Music Research Methods
• Performance Practice Seminar
• Pedagogy Seminar

Elective Courses
• Advanced Tonal Analysis
• Community Music
• Music and Law
• Music in Southeast Asia
• Orchestral Excerpts for Strings
• Repertoire Studies 1-3
• Seminar in Musicology 1-3
• Teaching Practicum

ENTRY REQUIREMENT

Qualifications & Entrance Assessment:
1. A bachelor's degree with minimum CGPA of 2.50 or equivalent
2. Pass Entrance Audition*
3. Completion of Diagnostic Tests in Music History and Theory

Candidates who do not meet the entry requirement (e.g., a bachelor's degree with CGPA of less than 2.50) may be considered for admission if they have working experience of at least five years in the relevant field.

*Note: For specific music audition requirements and placement tests, please visit
https://www.ucsiuniversity.edu.my/programmes/mmus-performance-studies

English Requirement: (for International applicants only)
IELTS: 5.0; MUET Band: 3.5; TOEFL iBT: 40; TOEFL Essentials (online): 7.5; PTE Academic / Academic (online): 47; Cambridge English Qualifications and Tests: B1 Preliminary, B2 First, C1 Advanced, C2 Proficiency, Linguaskill Online score 154; Cambridge English Qualifications and Tests: Occupational English test (OET) (Conventional/Online) score 200.

UCSI University ®

NINE UCSI SCIENTISTS MAKE THE WORLD'S TOP 2%

Listed in Stanford's World's Top 2% Scientists 2023

Distinguished Professor Ts Dr Ooi Keng Boon, FASc

- Economics and business - *Top 0.17%*
- Business and Management - Top 0.2%
- Information Systems - Top 0.1%

Graduate Business School

Associate Professor Dr Mehrbakhsh Nilashi

- Information and communication technologies - *Top 0.17%*
- Artificial intelligence and image processing - Top 0.21%
- Information systems - Top 0.24%

Graduate Business School

Professor Dr Richard Peter Bailey

- Clinical medicine - *Top 0.34%*
- Sport and exercise sciences - *Top 0.45%*
- Education - *Top 0.59%*

Faculty of Social Sciences and Liberal Arts

Distinguished Professor Dr Phang Siew Moi, FASc

- Biology - *Top 0.79%*
- Marine biology and hydrobiology - *Top 0.76%*
- Biotechnology - *Top 0.57%*

Faculty of Applied Sciences

Associate Professor Dr Eric Chan Wei Chiang

- Clinical medicine - *Top 0.82%*
- Pharmacology and pharmacy - *Top 0.55%*
- Medicinal and biomolecular chemistry - *Top 0.38%*

Faculty of Applied Sciences

Professor Dato' Dr Ng Seik Weng

- Chemistry - *Top 0.92%*
- Inorganic and nuclear chemistry - *Top 0.7%*
- Organic chemistry - *Top 0.15%*

Faculty of Applied Sciences

Senior Professor Dr Garry Tan Wei Han

- Economics and business - *Top 1.23%*
- Business and management - *Top 1.34%*
- Information systems - *Top 0.64%*

Graduate Business School

Associate Professor Dr Eugene Aw Cheng Xi

- Economics and business - *Top 1.68%*
- Marketing - *Top 1.79%*
- Business and management - *Top 1.52%*

Graduate Business School

Associate Professor Ts Dr Shayla Islam

- Information and communication technologies - *Top 1.99%*
- Networking and telecommunications - *Top 1.99%*
- AI and image processing - *Top 1.98%*

Institute of Computer Science and Digital Innovation

UCSI University