UCSI University®

STEAM
SCIENCE • TECHNOLOGY • ENGINEERING • ARTS • MATHEMATICS

CENTRE FOR PRE-UNIVERSITY STUDIES SARAWAK CAMPUS

ucsiuniversity.edu.my

TOP 1% GLOBALLY

QS World University Rankings 2024

ONE OF ASIA'S BEST PRIVATE UNIVERSITIES

UCSI University stands out as one of Asia's best-ranked private universities in the QS World University Rankings 2024. Ranked 300, UCSI is classified in the world's top 1%. UCSI was the only university in the world to receive the QS Recognition for Improvement Award in 2023 - an accolade that recognises universities that improve the most ranks on average.

UCSI'S SUBJECT MILESTONES

QS World University Rankings by Subject 2023

- **#21** PERFORMING ARTS
- **#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

#1

MALAYSIA'S TOP PRIVATE UNIVERSITY FOR GRADUATE EMPLOYABILITY AND OUTCOMES

Malaysia's top private university for graduate employability

Higher Education Ministry's Graduate Employability 2021-2022 survey.

Malaysia's top private university for employment outcomes

QS World University Rankings 2024

Four Forbes 30 Under 30 Asia inductees

Two Prestige 40 Under 40 laureates

RCE KUCHING

RCE GREATER KUALA LUMPUR
REGIONAL CENTRE OF EXPERTISE
Education for Sustainable Development

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

100% EMPLOYABILITY SCORE for all UCSI programmes listed in the Malaysian Higher Education Ministry's Graduate Employability 2022 Survey

MORE THAN **4,600** global companies provide our students with internships

98% of our Co-Op partners would like to hire UCSI Interns

Students from over **120 NATIONS**
International students make up around 30% of UCSI's student population

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

>63% of UCSI's academic staff are PhD holders and a further 15% are pursuing their doctorate

The 1st university in Malaysia's private higher education sector to offer programmes in Aquatic Science, Biotechnology, Food Science, Music and Nutrition

Centre for Pre-University Studies Sarawak Campus

UCSI's Centre for Pre-U Studies prepares students for global success. From the hallowed halls of renowned universities to the boardrooms of the corporate world, the Centre inspires confidence, trust and respect.

The Centre's offerings are tailored according to your needs. The Foundation programmes, in both science and arts, are focused on equipping you with critical thinking and independent learning skills while fast-tracking your progression to around 100 industry-acclaimed programmes at UCSI University.

Our academic staff members in the Foundation Mentorship programme are at the forefront of their disciplines and their views are highly sought after in the industry. By bringing their experiences into the classroom, our academics cater to an exhilarating learning environment and learners will expand their skills and capabilities as they balance academic mastery with industrial application.

You will also be in good company. Talented and ambitious students make the Centre their first choice and many record personal milestones here. These individuals will be part of your cohort and the camaraderie you find at the Centre will endure – your classmates will become an integral part of your lifelong network.

A strong tradition of academic excellence prevails at UCSI University because we provide detailed attention to our students' development. Their success stories in fields of studies such as medicine, science, engineering, accounting, business and arts, are testimonies of the high degree of care and academic guidance we offer. Your experiences here will prepare you for future challenges that await you at university and beyond.

Join us and distinguish yourself today.

Why study Foundation at UCSI?

FULLY ACCREDITED BY THE MALAYSIAN QUALIFICATIONS AGENCY (MQA)

SPECIALISED PATHWAYS TO DEGREE PROGRAMMES

FOUNDATION MENTORSHIP PROGRAMME

OUTSTANDING RESULTS ORIENTED

RECOGNISED GLOBALLY

Renowned Academics

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

IRENE FOO PING PING
Director

MSc Inorganic Chemistry (Organometallic Chemistry)
BSc (Hons) Resource Chemistry

More than 15 years of experience in teaching Chemistry and researching Organometallic Chemistry

TAN SZE LENG
Lecturer

MSc in Microbiology (Molecular Biology)
BSc (Hons) in Microbiology

More than 15 years of experience in teaching A-level and Foundation and researching Human Diseases and Plant Genetics.

ANDREW CHAI HEK LOONG
Lecturer

B. Mech. Eng.(Hons)

More than 15 years of experience in manufacturing, process and product engineering and teaching Physics for A-level and Foundation.

JASON WONG TEE HOCK
Lecturer

More than 20 years teaching experience for Foundation, Diploma and Degree in Business and Management related subjects.

IRENE KHO LEE SA
Lecturer

Corporate Master in Business Administration
Bachelor of Computer Science

More than 15 years of teaching experience for Foundation, Diploma and Degree

AZIZAN BIN YATIM
Assistant Professor

MSc in Learning Sciences
BA (Hons) Social Sciences (Social Work Studies)

More than 15 years of teaching experience in general courses in Foundation, Diploma, and Degree. Involved in research on Learning Sciences and Hospitality and conducts workshops on teaching and learning.

CHRISTINE SHANE ONG YIK FANG
Assistant Professor

M. Teaching English to Speakers of other Languages (MTESOL),
B. Ed. TESL (Hons)

More than 10 years teaching English and Communication studies to undergraduates.

SHARIFAH MAZIAH BINTI WAN HABIB
Lecturer

Master of Business Administration (MBA)
Bachelor in Business Administration (major in Marketing)

Over 20 years of experience in the palm oil, automotive and banking industry. Experience in aspects of operation management, human resources, sales, marketing and logistics. 5 years of experience as a business faculty member teaching Foundation, Diploma and Degree programme courses.

CHUO SIEW JIUN
Lecturer

Association of Chartered Certified Accountants. More than 16 years of teaching experience in Accounting related courses and 9 years working experience as an Auditor and Accountant.

Foundation Studies (Science)

A 9776 (KL) | A 9780 (Kuching)

Duration: 1 Year / 3 semesters
(14 weeks per semester, no short semester)

The Foundation Studies (Science) programme prepares students for admission into science-based degree courses at UCSI University. It is a comprehensive, flexible and dynamic programme serving as an ideal gateway that fast-tracks you to UCSI University's many industry-acclaimed programmes.

This programme is designed to equip students with a solid fundamental knowledge base that will enable them to pursue degree studies in various fields at UCSI:

- Medicine
- Engineering
- Pharmacy
- Biotechnology
- Food Science
- Optometry
- Nursing

Subject Listing

HEALTH SCIENCES PATHWAY

LAB SUBJECTS
- General Chemistry I
- General Chemistry II
- General Biology I
- General Biology II
- General Physics I

NON-LAB SUBJECTS
- Fundamentals of Mathematics
- Algebra and Trigonometry
- Introductory Calculus
- Introduction to Probability and Statistics
- Introduction to IR4.0 Technologies for Sustainable Development
- Computing Essentials

ENGINEERING SCIENCES PATHWAY

LAB SUBJECTS
- General Chemistry I
- General Chemistry II
- General Physics I
- General Physics II

NON-LAB SUBJECTS
- Introduction to Engineering
- Fundamentals of Mathematics
- Algebra and Trigonometry
- Introductory Calculus
- Introduction to Probability and Statistics
- Introduction to IR4.0 Technologies for Sustainable Development
- Computing Essentials

ELECTIVE COURSES

Select any 3 courses:

- Biotech and Forensics: The Science that Drives Life
- Introduction to Pharmacy
- Role of Engineers in Society
- Media Literacy
- Civic Studies
- Introduction to Hospitality and Tourism Industry
- Introduction to Logistics and Supply Chain Management
- Effective Communication Skills

Foundation Studies (Arts)

A 11125 (KL) | A 9780 (Kuching) | A 9751 (Terengganu)

Duration: 1 Year / 3 semesters
(14 weeks per semester, no short semester)

The Foundation Studies (Arts) programme is an intensive foundation course. Integrating both coursework and written examinations, this programme incorporates a practice-oriented approach and furnishes students with a relevant, interesting, stimulating and hands-on experience via a variety of teaching methods and practical exercises.

Courses are specially designed to enable students to pursue their specific career pathways at UCSI:

- Hospitality and Tourism Management
- Business
- Accounting
- Logistics
- Actuarial Science
- Mass Communication
- Psychology

Subject Listing

ACTUARIAL SCIENCE AND ARCHITECTURE PATHWAY

- Introductory Calculus
- Algebra and Trigonometry
- Fundamentals of Mathematics

COMMON COURSES

- Introductory Accounting
- Introductory Economics
- Positive Psychology
- Introduction to Marketing
- Writing for Academic Purposes
- Basic Office Applications
- Introduction to Probability and Statistics
- Introduction to IR4.0 Technologies for Sustainable Development

GENERAL PATHWAY

- Web Development
- Computing Essentials
- Critical Thinking Skills

COMMON COURSES

- Introductory Accounting
- Introductory Economics
- Positive Psychology
- Introduction to Marketing
- Writing for Academic Purposes
- Basic Office Applications
- Introduction to Probability and Statistics
- Introduction to IR4.0 Technologies for Sustainable Development

ELECTIVE COURSES

Select any 3 courses:

- Media Literacy
- Civic Studies
- Introduction to Hospitality and Tourism Industry
- Introduction to Logistics and Supply Chain Management
- Effective Communication Skills

Hall Of Fame - Foundation Studies

Don't just take us at our word. Here are some of our Foundation alumni who have gone on to achieve greatly in their undergraduate studies.

Foundation Studies (Science)

HII CHEE YANG
Formerly from SMK Padungan

Medical Doctor (H.O.)
Sarawak General Hospital

Doctor of Medicine (M.D.)
UCSI University, Springhill

LYNN LEONG
Formerly from SMK Green Road

Pharmacist
Klinik Kesihatan Tanah Puteh

Bachelor of Pharmacy (Hons)
UCSI University, Kuala Lumpur

JUNE LAM YUN KEI
Formerly from SMK Padungan

Registered Nurs
Sunway Medical Centree

Bachelor of Nursing (Hons)
University Tunku Abdul Rahman (UTAR)

CHAN JIN YUAN
Formerly from SMK Padungan

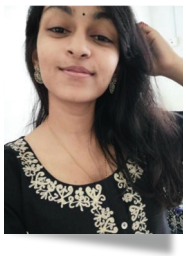
Doctor of Philosophy (Engineering)

Bachelor of Engineering (Hons) in
Mechanical Engineering
UCSI University, Kuala Lumpur

DANNY ENGKAMAT
Formerly from Kolej DPAH Abdillah

Medical Docto
Sarawak General Hospital r

Doctor of Medicine (M.D.)
Kursk State Medical University, Russia



PAVEETHRA A/P RAMAN
Formerly from SMK Khir Johari, Kedah

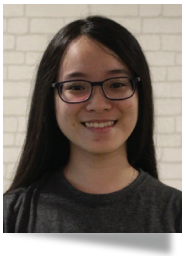
Chemist

Bachelor of Science (Hons) in
Biomedical Science

CHIENG KAI REN
Formerly from SMK St Anthony, Sarikei

R&D Executive

Bachelor of Food (Hons) in Science and Nutrition
University Malaysia Sabah (UMS)



EMILY CHIN JIA XUAN
Formerly from SMK Batu Lintang

Pharmacist
Kuala Lumpur Hospital

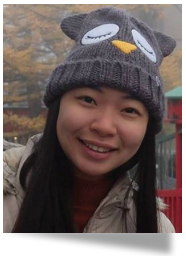
Bachelor of Pharmacy (Hons)
Monash University, Malaysia

LING YUE MEI
Formerly from SMK Methodist, Sibu

Master of Pharmacy (MPharm)
University of Sunderland, United Kingdom

FOO SZE TING
Formerly from SMK Sungai Tapang

Bachelor of Science (Hons) in Dietetics
University Tunku Abdul Rahman (UTAR)



CHAN MING SZE
Formerly from SMK Kuching High

Bachelor of Science (Hons) in Health
Science (Exercise and Sport Science)
University Science Malaysia (USM)

PATRICE VOON ZHE FEI
Formerly from SMK Green Road

Bachelor of Science (Hons) in Chiropractic
International Medical University (IMU)

Hall Of Fame - Foundation Studies

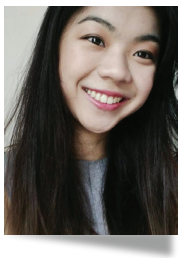
Don't just take us at our word. Here are some of our Foundation alumni who have gone on to achieve greatly in their undergraduate studies.

Foundation Studies (Arts)

MIOR AHMAD DANIAL BIN MIOR AHMAD BAITI

Formerly from SMK Tunku Putra-HELP

Bachelor of Science (Hons) in Architecture
UCSI University, Kuala Lumpur



ASHLYN WONG JIE YEE

Formerly from SMK Batu Lintang

Bachelor of Arts (Hons) in English Language
University of Sunderland, United Kingdom

CHRYSALIS VOON JIA YEE

Formerly from SMK Green Road

Bachelor of Arts (Hons) in Japanese and Linguistics
University of Canterbury, New Zealand

AMANDA LAW SONG EN

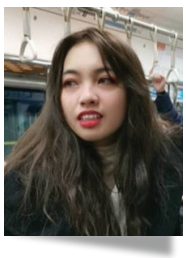
Formerly from Chung Hua Middle School No. 1

Bachelor of Computer Science (Hons)
Taylor's University

WALID ABDURAZAK IBRAHIM

Formerly from Mekanissa Abadir School, Ethiopia

Bachelor of Business Administrative (Hons) and International Business (Dual Award)
International University of Malaya-Wales



JEMIMA IRINA BINTI MOHAMAD JEFFRI

Formerly from SMK St Joseph

Bachelor of Science (Hons) in Psychology
Heriot-Watt University, KL

DEXTON SIM ENG HEE

Formerly from SMK Sungai Maong

Bachelor of Science (Hons) in Architecture
University Tunku Abdul Rahman (UTAR)

NASHIRA LO HAN WEE

Formerly from SMK Riam Road

Bachelor of Arts (Hons) in Entrepreneurship
UCSI University, Kuala Lumpur

SÉBASTIEN NYALANG ANAK SOBEK

Formerly from SMK St Joseph

Bachelor of Quantity Surveying (Hons)
Tunku Abdul Rahman University College (TARC)

NICOLE SIA KAI XUAN

Formerly from SMK St Joseph

Bachelor of International Business (Hons)
UCSI University, Sarawak

TRIXIE YEO XIN RU

Formerly from Chung Hua Middle School No. 1

Bachelor of Commerce (Hons) in Accounting and Finance
UCSI University, Sarawak

JOHN JONG MING

Formerly from SMK Batu Lintang

Bachelor of Science (Hons) in Architecture
UCSI University, Kuala Lumpur

Enriching Academic Experience

STEAM Exploration

Hands-on experiments at research centre

Team bonding

Group activities outside curriculum

Visiting a dialysis centre

Visiting the internationally acclaimed Rentap Muay Thai gym

Observing procedures done in medical aesthetics

Involved in hands-on activities for secondary school visitors

Sharing sessions from alumni and experts in various fields of studies

Exploring BenchMark Clinic

Sharing session with alumni

Touring SHINE Pharmacy

Participating in the ASEAN Food Conference

Field day at a Bio-and Agri-Technology Company

Attending the sharing sessions hosted by experts from the Sarawak Biodiversity Centre

Academic Requirements

Foundation Studies (Science)		
Pathways	**SPM/O-level/equivalent**	**UEC**
Medical Sciences	Minimum of 5 credits, including B's in Mathematics /Additional Mathematics, Chemistry, Physics, Biology, and one more subject.	N/A
Pharmaceutical Sciences		
Optometry	Minimum of 5 credits, with at least 3 including Biology, Physics, Chemistry, or Mathematics.	Minimum grade B in 3 subjects, including Mathematics and 1 Science subject.
Forensics Science	Minimum of 5 credits, with at least 3 including Biology, Physics, Chemistry, Mathematics, or English.	
Biotechnology	Minimum of 5 credits, including Mathematics and 2 Science subjects.	
Food Science with Nutrition		
Applied Microbiology		
Engineering & Architecture	Minimum of 5 credits, including Mathematics and Physics.	

Foundation Studies (Arts)		
Pathways	**SPM/O-level/equivalent**	**UEC**
Architecture	Minimum of 5 credits, including Mathematics.	Minimum of 3 credits, including Mathematics.
Quantity Surveying		
Information Technology	Minimum of 5 credits, including Additional Mathematics/Mathematics and 1 Science, Technology, or Engineering subject.	
Psychology	Minimum of 5 credits, including Mathematics and 1 Science subject, with a pass in English.	Minimum of 3 credits, including Mathematics and 1 Science subject, with a pass in English.
Management	Minimum of 5 credits.	Minimum of 3 credits.
Actuarial Science		
Social Science and Design		
Hospitality and Tourism Management		

UCSI University®

UCSI EDUCATION SDN BHD [198901008177 (185479-U)]

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