UNIVERSITI MALAYA WALES

Formerly known as International University of Malaya-Wales

Owned by:

UNIVERSITI MALAYA

Prifysgol Cymru
Y Drindod Dewi Sant
University of Wales
Trinity Saint David

SETARA (COMPETITIVE) BERDAYA SAING

Arts & Science

Think · Create · Innovate

Why Choose UM-Wales?

Join our growing community, and give yourself the opportunity to thrive in a progressive learning environment. At UM-Wales you will experience both personal and academic growth, and graduate with the core values and qualities you need to get ahead in your career and in life.

1. Historic

Founded by the University of Wales and Universiti Malaya, the oldest universities in their respective countries with over 200 years of academic excellence.

2. Modern

An ambitious and innovative University with a bold and strategic vision.

3. Graduate with a UK Degree recognised globally

Receive a degree certificate from UM-Wales and the University of Wales Trinity Saint David (UWTSD),UK, with our Dual Award programmes.

4. Study in the UK

Soak up the culture in a new learning environment by spending an optional semester at our partner university UWTSD.

5. Vibrant campus life

Students from over 48 countries come together to make a vibrant and colourful campus community.

6. Industry-Driven

UM-Wales programmes combine academic rigour with the experience and know-how of industry. This approach helps ensure our graduates are equipped to meet the current and future challenges of their chosen professions.

UM-Wales at a Glance.

Owned by two prestigious universities, the Universiti Malaya-Wales (UM-Wales) was established based on a mutual partnership between Universiti Malaya (UM) & the University of Wales, UK in 2013. Since then, the university has experienced tremendous growth, and remains committed to delivering education based on employability to develop students who are ready to contribute towards the next industrial revolution.

"A University born from a rich history, with an exciting future."

1893 — A COLLABORATION BETWEEN THE UNIVERSITY OF WALES AND UNIVERSITI MALAYA.

1905 — FORMATION OF UNIVERSITY OF WALES (UW)

Formed by Royal Charter in 1893, the University of Wales was regarded as one of the most important political and social development in the nineteenth century.

2013 — FORMATION OF UNIVERSITI MALAYA (UM)

The oldest university in Malaysia, Universiti Malaya has its roots in Singapore with the establishment of King Edward VII College of Medicine on 28 September 1905.

2015 — Formation of IUMW, joint-venture of UW and UM.

First Convocation

2024 — UNIVERSITI MALAYA WALES

Rebranding "Universiti Malaya-Wales" (UM-Wales)

2025

A community of almost 3000 students, staff and alumni from across the globe.

Study Pathway

Entry Level

- SPM/SPMV/O-Level
- STPM/STAM/Matriculation/Foundation/UEC/Diploma/A-Level

Foundation Studies (1 year)

- Foundation in Arts *(R2/0011/3/0160)(06/28)(MQA/FA3101)*
- Foundation in Arts Open and Distance Learning (ODL) *(N/DL/0011/3/0018)(02/28)(MQA/PA16079)*
- Foundation in Science *(R2/0011/3/0120)(03/28)(MQA/FA3102)*
- Foundation in Science Open and Distance Learning (ODL) *(N/DL/0011/3/0019)(02/28)(MQA/PA16080)*

Bachelor's Degree

- Bachelor of Computer Science (Honours) *(R/481/6/0467)(09/24)(MQA/FA4243)*
- Bachelor of Information Technology (Honours) *(R/482/6/0147)(8/26)(MQA/FA4245)*
- Bachelor of Professional Communication (Honours) *(R2/321/6/0064)(4/28)(MQA/FA3357)*
- Bachelor of Science (Honours) in Psychology *(R/311/6/0030)(07/25)(MQA/FA3525)*

Master's Degree

- Master of Arts (Professional Communication) Open and Distance Learning (ODL) *(N-DL/321/7/0244) (04/27) (MQA/PA 15064)*
- Master of Science in Project Management *(R/345/7/0560)(04/24)(MQA/FA4079)*

PhD

- Doctor of Philosophy (Professional Communication) *(R/321/8/0107)(12/25)(MQA/FA4244)*
- Doctor of Philosophy (Computer Science) *(R/481/8/0595)(11/26)(MQA/FA5319)*
- Doctor Of Philosophy (Project Management) *(R/345/8/0485)(09/25)(MQA/FA3765)*

Our Partner University

University of Wales
Trinity Saint David

The University of Wales Trinity Saint David (UWTSD)'s 1828 Royal Charter is the oldest in England and Wales after the universities of Oxford and Cambridge. HRH The Prince of Wales is the University's Patron.

UWTSD's main campuses are situated in Swansea, Lampeter and Carmarthen, as well as the Wales International Academy of Voice in Cardiff, a campus in London and a centre in Birmingham.

The University has a tradition and reputation for high-quality learning extending over the past 200 years. They offer industry-led programmes designed to prepare graduates for employment.

Dual Award Degrees

UM-Wales offer Dual Award programmes in collaboration with UWTSD. Students who successfully complete their programme will receive certification from both UM-Wales and UWTSD.

Dual Award Benefits

- Become more competitive in the job market
- A Dual Award would help you in your application for study in the UK, or at universities using a UK based education system
- Opportunity to study in the UK at UWTSD
- Attend a graduation ceremony in Wales
- Join the UWTSD Alumni Association upon graduation for international networking opportunities

Assurance of Quality

All UM-Wales programmes, including the Dual Award programmes, are approved by the Malaysian Qualifications Agency (MQA). Students can also be assured of the strength and quality of their award, as the courses are structured, monitored and assessed by two different institutions – both UM-Wales and the University of Wales Trinity Saint David.

Study in the

UK

Travel to one of the world's best study abroad destinations for a once-in-a-lifetime experience.

All Dual Award programmes include an option of studying at our partner university, UWTSD in the United Kingdom, for an additional fee. UWTSD has attractive campuses in Carmarthen, Lampeter, and Swansea, which are all situated in beautiful areas of Wales. Your programme selection will determine which campus you will attend.

UM-Wales's programmes are carefully shaped to be aligned with those of UWTSD, allowing for easy academic transition. When you apply to study at UWTSD, our programme coordinators will advise you on which modules you can register for, so that you can transfer credits back to UM-Wales at the end of the course.

Collaborative

Teaching

All undergraduate dual award programmes have modules taught by academics from the University of Wales Trinity Saint David.

This collaborative teaching initiative adds international exposure to the teaching process and brings in-depth expertise to the learning experience. Having complete modules taught by UWTSD lecturers brings a wealth of teaching styles and international experience to the programmes, and students get to compare and contrast local knowledge and international best practices. With a good mix of lecturers, students are able to experience the best of both worlds.

Employable Graduates

UM-Wales has a wide network of industry partnerships and connections that engage with students in a variety of contexts to support our mission to create and deliver employability education. This helps you gain real-world expertise and practical skills that will give you a competitive edge in the workplace.

Industry Advisory Panel

The Industry Advisory Panel (IAP) at UM-Wales was established to provide strategic advice on the university's education and research activities and to promote and strengthen academic-industry collaboration. IAP members include distinguished leaders from private and public sector organisations who are highly valued for their expertise and external industry perspective. The IAP helps form and review programme curriculums to ensure they are tailored towards current and future industry practices.

Industry-Driven Education

We value our strong links with industry, which enables us to support our students' progression in several ways.

- Students are given opportunities to engage with professionals, getting the exposure they need as well as the chance to promote their skills to employers at an early stage
- We hold regular events at the University including workshops, guest lectures, webinars, talk shows and career days, each of which is a stepping stone to a successful career upon graduation
- Students get the chance to embark on industrial-driven assignments to boost their portfolios and prepare them for the increasingly complex demands of the workplace

Internships

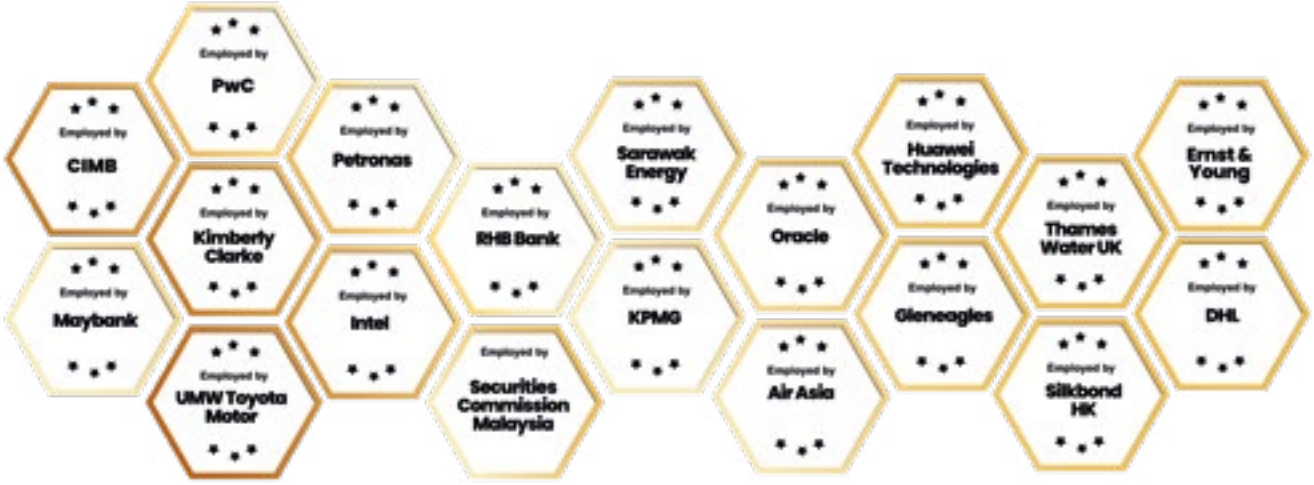
Each degree at UM-Wales includes the chance to gain invaluable work experience through an internship programme - designed to develop job-ready graduates.

Internship Benefits:

- Prepares you for the job market through gaining valuable experience in a professional workplace environment
- Opportunity to expand your professional network
- Build confidence, character and soft skills
- Put into practice what you have learned at university
- Chance to bring fresh perspectives and new ideas into a working environment

Where can an UM-Wales degree take you?

These are just a few of the companies where our graduates are employed:



Career Options.

ARTS & SCIENCE

01 Journalist
Seeks out news, interviews, opinion and comment and presents it in an interesting and engaging style. Journalists don't just write pieces; they might be involved with sub-editing, layout, graphics, illustrating and a whole host of other roles.

02 Psychologist
Psychologists often gather information and evaluate behaviour through controlled laboratory experiments, psychoanalysis, or psychotherapy. They look for patterns of behaviour or relationships between events, and they use this information when testing theories in their research or when treating patients.

03 Project Manager
Plans and designates project resources, prepares, budgets, monitors progress, and keeps stakeholders informed the entire way.

04 Machine Learning Engineer
Design self-running software that gives machines the ability to automate predictive models.

05 Enterprise Architect
Responsible for the entire infrastructure of the company's IT platform.

06 Corporate Communication Manager
Shape a company's image and values, and decide and execute the appropriate methods to communicate them to the public. The communications manager ensures messaging aligns with key business strategies.

07 Social Media Manager
Your overall purpose as a social media manager will be to lead an organisation's social media strategy in order to boost visibility and customer and client engagemnet. If you have a creative flair and understand how engaging multimedia content can be used in marketing, this career could be for you.

08 Software Engineer
Software engineers apply scientific and mathematical principles in order to create computer software and solve problems.

Other career options could be:

- Web Developer
- Application Analyst
- Creative Development (Film/TV/Web)
- Web Writer
- Illustration Designer
- Interactive/Social Media Analyst
- Copywriter
- Producer
- Campaign Director
- Publicist
- Media Specialist
- Corporate Affairs Manager
- Data Analyst
- Application Developer
- Cyber Security Analyst
- UI/UX Designer
- Network Engineer
- IT Project Manager
- Lecturer
- Career Counsellor
- Human Resource Manager
- Social Service Specialist
- Rehabilitation Specialist
- Business Analyst
- Operations Manager
- Project Estimator
- Account Manager
- Event Manager
- Logistics Manager
- Research Assistant

Industry Partners.

Fab FIDELITY ASIA BANK · DHL · pwc · IGB Corporation Berhad · BAKER TILLY · goSMAC · MSC Status Company · WOBB · UTP · B BRAUN SHARING EXPERTISE · intrinsik CONNECTING THE DOTS · PYS · HERON TALENT MANAGEMENT · KPMG

FOUNDATION IN ARTS

MODE

Conventional	***(R2/0011/3/0160)(06/28)(MQA/FA3101)***
Open and Distance Learning (ODL)	***(N/DL/0011/3/0018)(02/28)(MQA/FA16079)***

The Foundation in Arts programme at UM-Wales acts as a prerequisite for students who intend to pursue their degree within the fields of arts, humanities, business, media, social sciences, and information technology. You will gain the knowledge you need to start your degree with confidence, as well as soft skills like critical thinking, and boost your proficiency in the English language.

A solid foundation programme can give you an advantage in entering higher education directly after high school by providing you with essential academic preparation and skills. Using tertiary-style teaching with lectures, tutorials, and seminar-type classes, you can kick-start your undergraduate endeavours on a firm platform. With UM-Wales, you will find yourself academically ready and personally confident enough to succeed at your chosen undergraduate course.

Our Foundation in Arts (Open and Distance Learning) programme is designed for students seeking a flexible and accessible learning experience, offering the same comprehensive curriculum as our traditional Foundation Programme but with the convenience of studying 100% online. Through engaging virtual modules, interactive learning materials, and dedicated online support, you can embark on your academic journey from anywhere, at any time.

ENTRY REQUIREMENTS

- SPM/SPMV Credit in any five (5) subjects
- O Level Grade C in any five (5) subjects
- UEC Grade B in three (3) subjects
- IB-Middle Year Programme 28 total points across the certificate's 7 components
- Other qualifications recognised as equivalent

Intakes | January / May / September

Duration | 1 Year

Programme Modules

SEMESTER 1
- Co-curriculum
- Study Skills
- Introduction to Psychology
- Basic Business
- Introduction to Legal Studies
- Mathematics*
- Introduction to Media Production and Presentation*

***Choose any ONE (1) elective**

SEMESTER 2
- Project Integration
- English 1
- Critical Thinking
- Introduction to Humanities
- Introduction to Communication
- Basic Accounting & Finance*
- Introduction to Creative Visual Studies*

***Choose any ONE (1) elective**

SEMESTER 3
- English 2
- Information & Communication Technology
- Statistics & Probability
- Introduction to Media Studies
- Introduction to International Integration*
- Introduction to Event Management*

***Choose any ONE (1) elective**

***Students may choose either stream (Business/Media) at the beginning of the semester. Elective modules for the streams are fixed.**

FOUNDATION IN SCIENCE

MODE

Conventional *(R2/0011/3/0120)(03/28)(MQA/FA3102)*

Open and Distance Learning (ODL) *(N/DL/0011/3/0019)(02/28)(MQA/FA16080)*

The Foundation in Science programme at UM-Wales will equip you with fundamental knowledge in your chosen field, emphasising specialised subjects and modules that pave the way for your science degree. Offering a range of core and elective subjects, this preparatory year allows you to explore diverse topics while also focusing on your area of interest.

Throughout this preparatory year, you will acquire the specific knowledge required to pursue degrees in health, science, technology, engineering, mathematics, or information technology. Through practical exposure and hands-on learning, you will develop a solid grasp of core science principles, ensuring your readiness to excel in undergraduate studies. Access to the exceptional laboratory facilities at Universiti Malaya empowers you to conduct hands-on experiments, foster critical thinking, and cultivate practical skills, providing you with a valuable advantage.

Our Foundation in Science (Open and Distance Learning) offers the same foundational curriculum as our traditional Foundation in Science programme but with the added flexibility and convenience of studying online. Our online platform offers engaging modules, interactive learning materials, and dedicated support to facilitate your academic growth and success.

ENTRY REQUIREMENTS

Field of Studies	SPM/SPMV/O Level	UEC
IT and Information Systems	Minimum Credit in five (5) subjects including: • Mathematics	Minimum grade B in three (3) subjects including: • Mathematics
Built Environment	Pass SPM/SPMV with minimum Credit in five (5) subjects including Mathematics, OR Pass O-Level with minimum credit in five (5) subjects including Mathematics	Minimum grade B in three (3) subjects including Mathematics
Computer Science	Minimum credit in five (5) subjects including: • Additional Mathematics OR • Maths and any one (1) science, technology or engineering subject OR • Its equivalent	Minimum grade B in three (3) subjects including: • Additional Mathematics • Any one (1) science, technology or engineering subject
Allied Health Sciences	Minimum credit in 5 subjects including any of these 3 subjects: • Biology • Physics • Mathematics • Chemistry • English	Minimum grade B in any three (3) of the following subjects: • Biology • Physics • Mathematics • Chemistry • English
Engineering	Minimum Credit in five (5) subjects including: • Mathematics • One physical science subject	Minimum grade B in three (3) subjects including: • Mathematics • One physical science subject
Medicine OR Dentistry	Minimum grade B in • Biology • Chemistry • Physics • Mathematics OR Additional Mathematics • Any one (1) subject	Minimum grade B4 in three (3) subjects: • Biology • Chemistry • Physics OR Mathematics OR Additional Mathematics Dentistry: Minimum grade B4 in four (4) subjects: • Biology • Chemistry • Physics • Mathematics OR Additional Mathematics • any one (1) subject
Pharmacy	Pass SPM with minimum grade B in five subjects below:, OR Pass O-level with minimum grade C in five (5) subjects: • Mathematics OR Additional Mathematics • Physics • Chemistry • Biology • any one (1) subject	Not available
Science e.g. BSc (Hons) Biochemistry	Minimum credit in five (5) subjects including: • Mathematics • Any two (2) science subjects	Minimum grade B in subjects: • Mathematics • Any two (2) science subjects

- Other equivalent qualifications recognised by the Malaysian Government or University's Senate

Intakes | January / May / September

Duration | 1 Year

Programme Modules

SEMESTER 1
- Co-curriculum
- Study Skills
- Chemistry 1
- Physics 1
- Mathematics 1
- Biology 1*
- Computer Systems*

Choose any ONE (1) elective

SEMESTER 2
- Project Integration
- English 1
- Critical Thinking
- Chemistry 2
- Physics 2
- Mathematics 2
- Biology 2*
- Introduction to Computer Programming*

Choose any ONE (1) elective

SEMESTER 3
- English 2
- Information & Communication Technology
- Chemistry 3
- Physics 3
- Statistics & Probability
- Biology 3*
- Analysing and Solving Problem*

Choose any ONE (1) elective

Students may choose either stream (Science/Computing) at the beginning of the semester. Elective modules for the streams are fixed.

BACHELOR OF PROFESSIONAL COMMUNICATION (HONOURS)

(R2/321/6/0064)(4/28)(MQA/FA3357)

The Professional Communication programme at UM-Wales is designed to give students the skills and knowledge to begin a successful career in a variety of fields including journalism, advertising, public relations and broadcasting. A career in communications can take you into almost any industry, so you can look for opportunities in areas you are passionate about.

The programme is delivered via a 'branded syllabus'; modules are offered in collaboration with local and global brand names, so the programme is heavily influenced by today's industry needs. Students embark on industrial-driven assignments to boost their portfolios and prepare them for the increasingly complex demands of the workplace.

ENTRY REQUIREMENTS

- STPM Grade C (GPA 2.00) in any two (2) subjects, AND credit in English at SPM level or equivalent
- A-LEVEL Pass with Grade D in two subjects, AND credit in English at SPM level or equivalent
- STAM Grade of Jayyid, AND credit in English at SPM level or equivalent
- A Diploma or its equivalent, CGPA 2.00 out of 4.00, AND credit in English at SPM level or equivalent
- Diploma in Media and Communication or its equivalent
- Matriculation/Foundation CGPA 2.00 out of 4.00, AND credit in English at SPM level or equivalent
- Admission through APEL.A to Bachelor programme (Level 6, MQF) for Malaysian candidates age 21 or above, approved by MQA or any APEL Assessment Centre; OR
- UEC Grade B in five (5) subjects, AND credit in English
- A Level Principal Pass in any two (2) subjects

Note:
- The credit requirement at SPM level can be waived should the grades obtained at the STPM/STAM/Diploma/Matriculation/Foundation level are equivalent/higher
- Students enrolling on a Dual Award programme will be subject to the English requirements of UWTSD/UK

English language competency requirements for international students:
- Proof of English proficiency certification will be required e.g IELTS, MUET, TOEFL. See the website for the minimum qualifying score
- English language requirements can be waived if the international student EITHER comes from a country that uses English as the official language OR the entry qualification uses English as the medium of instruction

Work-Based Learning available!

Direct industry exposure via partnerships with:

ASCELLA · BrandGeeks · FOREO SWEDEN · Qwork · PASSIONATION.CO

Intakes | January / May / September

Duration | 3 Years

Programme Modules

YEAR 1
- Bahasa Kebangsaan A***
- Appreciation of Ethics and Civilisation
- Public Speaking and Presentation Skills#
- Introduction to Mass Communication
- Introduction to Intercultural Communication
- Media in Malaysia
- Introduction to AI
- Publication Design 1
- Professional Communication
- Integrated Marketing Communication
- Media and Communication Research Methods
- Writing for the Media
- Communication and Audience
- Falsafah dan Isu Semasa (Malaysian Students)
- Communicative Malay 2 (International Students)
- Ways of Thinking**
- Ways of Perceiving**

YEAR 2
- Communication Theories
- Publication Design 2
- Persuasive Writing
- Visual Communication*
- New Media Technology*#
- Corporate Communication
- Scriptwriting & Storyboarding
- Social Media
- Communication Campaign
- Media Production
- Integrity and Anti-Corruption
- Communication Startup
- Audio and Video Production
- Research in Context **
- Research in Practise **

Choose any ONE (1) elective

YEAR 3
- Communication Research Project 1
- Ethical and Legal Issues in Communication
- Professional Portfolio Development
- Event Management*
- Language and Literacy Text*#
- Corporate Writing*
- Crisis Communication
- Communication Research Project 2
- Organisational Communication
- Industrial Training
- Professional Promotion**

Choose any ONE (1) elective

#Opt to learn at Universiti Malaya
*****Dual Award Module / Dual Award students only***
******Malaysian students who did not get a credit for Bahasa Melayu in SPM and have not completed the module in any previous studies***

BACHELOR OF SCIENCE (HONOURS) IN PSYCHOLOGY

(R/311/6/0030)(07/25)(MQA/FA3525)

UM-Wales's Bachelor of Science (Honours) in Psychology is concerned with the scientific development of knowledge in human behaviour and thought. Practical skills and critical thinking are taught with the intent of producing graduates who are competent from every angle. Our programme integrates research and hands-on expertise to produce high performing graduates ready to take up roles in contemporary health and social sciences practices.

We work closely with several industry partners, including current Industry Advisory Panel members from Thrive Well Sdn Bhd, to ensure that what we teach matches current industry practices. Graduates get the knowledge, skills, techniques and ethics that are relevant in today's working environment. With a wide range of applications from industry to education, health and social services, this programme can serve as a foundation for a whole variety of different careers.

Work-Based Learning available!

Intakes | January / May / September

Duration | 3 Years

ENTRY REQUIREMENTS

- A pass in STPM with a minimum of Grade C (GP 2.00) in any two (2) subjects; OR
- A pass in STAM with a minimum grade of Jayyid; OR
- A Certificate in Matriculation or Foundation with a minimum CGPA of 2.00 out of 4.00; OR
- A Diploma (Level 4, MQF) in any field with at least CGPA of 2.00 out of 4:00; OR
- Diploma Kemahiran Malaysia (DKM) / Diploma Lanjutan Kemahiran Malaysia (DLKM)/ Diploma Vokasional Malaysia (DVM) with a minimum CGPA 2.50 out of 4.00, subject to passing the bridging course in Mathematics and Science
- An Advanced Diploma (Level 5, MQF) in the relevant fields with at least CGPA of 2.00 out of 4:00; OR
- Other relevant equivalent qualifications recognised by the Malaysian government as equivalent to the above requirements.
- A-LEVEL Pass with Grade D in two subjects, AND credits in Mathematics and Science, and a pass in English at SPM level or equivalent; OR
- Australian Matriculation ATAR 55
- International Baccalaureate Diploma Programme (IB) 24 points across six subjects
- UEC Grade B in five (5) subjects including Mathematics and Science, and a pass in English
- Other qualifications recognised as equivalent

Note:

- *All the above qualifications need to be supported with at least credits in Mathematics and Biology/ Physics/ Chemistry/ General Science/ Applied Science and a pass in English at SPM level
- Those without a pass/credit in Mathematics and/or Biology/ Physics/ Chemistry/ General Science/ Applied Science at SPM level or equivalent can be admitted but are required to attend special enhancement course(s). These special enhancement courses should be SPM equivalent, remedial in nature. Students must pass/credit the Mathematics and Biology/ Physics/ Chemistry/ General Science/ Applied Science enhancement courses as a prerequisite to related core courses taught in English
- Students enrolling on a Dual Award programme will be subject to the English requirements of UWTSD/UK

English language competency requirements for international students:

- Proof of English proficiency certification will be required e.g IELTS, MUET, TOEFL. See the website for the minimum qualifying score
- English language requirements can be waived if the international student EITHER comes from a country that uses English as the official language OR the entry qualification uses English as the medium of instruction

Optional cross-discipline modules

- Consumer Buyer Behaviour
- Principles of Management
- Multimedia Technology and Application

Programme Modules

YEAR 1

- Bahasa Kebangsaan A***
- Counselling and Psychotherapy
- Quantitative Research Methods in Psychology
- English for Research Writing
- Educational Psychology
- Experimental Psychology
- Professionalism and Ethics in Psychology
- History and Systems in Psychology
- Appreciation of Ethics and Civilisation
- Principles of Entrepreneurship
- Theories of Personality and Individual Differences
- Lifespan Development I
- Introduction to Psychology
- Falsafah dan Isu Semasa (Malaysian Students)
- Communicative Malay 2 (International Students)
- Academic Study Skills for Students**

YEAR 2

- Cognitive Psychology
- Psychological Testing
- Sensation and Perception
- Biopsychology
- Marriage and Family Systems*
- Clinical Psychology*
- Introduction to Expressive Arts Therapy
- Malaysian Economy
- Introduction to AI
- Motivation and Emotion
- Statistics in Psychology
- Lifespan Development II
- Qualitative Research Methods in Psychology
- Industrial and Organisational Psychology
- Social Psychology: Global Perspectives**

YEAR 3

- Social Psychology
- Cross-Cultural Psychology
- Research Project 1
- Current Issues in Psychology
- Abnormal Psychology
- Health Psychology
- Research Project 2
- Integrity and Anti-Corruption
- Industrial Training
- Cognition in Action**

Choose any ONE(1) elective
****Dual Award Module / Dual Award students only***
*****Malaysian students who did not get a credit for Bahasa Melayu in SPM and have not completed the module in any previous studies***

BACHELOR OF COMPUTER SCIENCE (HONOURS)

(R2/0613/6/0075)(09/29)(MQA/FA4243)

With the rate of growth and innovation in the computing and technology sector, demand continues to surge for skilled professionals in the field. The Bachelor of Computer Science (Honours) programme at UM-Wales has been designed with industrial orientation; the course is jointly reviewed by Industry Advisor Panels, and is based on professional curricula recommendations. These include those of the Institute of Electrical and Electronics Engineers, and modules embedded with components from industry such as the MDEC- Intel® AI Academy programme for Artificial Intelligence and syllabus from the Oracle Academy.

Students are exposed to industry throughout the programme, including participation in national and international activities and events. We produce highly skilled graduates who are equipped with both theoretical knowledge and hands-on experience, ready to make an impact in the competitive digital world.

ENTRY REQUIREMENTS

- A pass in STPM (Arts Stream) with a minimum Grade of C (CGPA 2.00) in any TWO (2) subjects; OR
- A pass in STAM with a minimum Grade of Jayyid in any TWO (2) subjects; OR
- A pass in Matriculation or Foundation studies with a minimum CGPA of 2.00; OR
- Any Diploma in Science and Technology (Level 4, MQF) with a minimum CGPA of 2.75. Candidates with a CGPA below 2.75 but more than 2.50 can be admitted subject to a thorough rigorous assessment;
  AND a credit in:
  i. Additional Mathematics at the SPM level or its equivalent; OR
  ii. Mathematics and any one Science, Technology, Engineering subject at SPM level or its equivalent. Candidates need to take and pass the reinforcement Mathematics equivalent to Additional Mathematics at the SPM level. The subject must be offered in first semester or before enrolment with unconditional offer.
- A pass in STPM (Science Stream) or its equivalent with a minimum Grade of C (CP 2.00) in Mathematics subject and ONE (1) Science / ICT subject; OR
- Diploma in Computing fields (Level 4, MQF) or its equivalent with a minimum CGPA of 2.50 Candidates with a CGPA below 2.50 but more than 2.00 may be admitted subject to a thorough internal evaluation process; OR
- Diploma Kemahiran Malaysia (DKM) / Diploma Vokasional Malaysia (DVM) in Computing fields with a minimum CGPA of 2.50 subjected to HEP Senate / Academic Board's approval; OR
- Other relevant and equivalent qualifications recognised by the Malaysian Government. (Candidates can be admitted if their admission qualification contains Mathematics subject(s) equivalent to Additional Mathematics at the SPM level. If it is not equivalent, reinforcement Mathematics subject that equivalent to the SPM level must be offered in the first semester or before enrolment with unconditional offer).

Notes:

- Students are required to pass the reinforcement Mathematics before being allowed to take related core courses. The candidate can sit for any subjects that did not indicate Mathematics as a prerequisite.
- Reinforcement Mathematics can contribute to the overall graduating credit.
- Students from matriculation / Foundation or its equivalent can be exempted from taking reinforcement Mathematics, provided that the Mathematics offered at that programme level is equivalent / more that the Additional Mathematics offered at an SPM level.

English language competency requirements for international students:

- Proof of English proficiency certification will be required e.g. IELTS, MUET, TOEFL. See the website for the minimum qualifying score.
- English language requirements can be waived if the international student EITHER comes from a country that uses English as the official language OR the entry qualification uses English as the medium of instruction

Intakes | January / May / September

Duration | 3 Years

Programme Modules

YEAR 1

- Bahasa Kebangsaan A***
- Programming Concepts
- System Analysis and Design
- Professional, Ethical and Legal Aspects of Computing
- English for Research Writing
- Introduction to Statistics
- Digital Computer Fundamentals
- Data Communication and Networking
- Information Security
- Principles of Entrepreneurship
- Integrity and Anti-Corruption
- Discrete Structure
- Internet of Things
- Appreciation of Ethics and Civilisation
- Falsafah dan Isu Semasa (Malaysian Students)
- Communicative Malay 2 (International Students)

YEAR 2

- Object-Oriented Programming
- Web Technology
- Database System
- Computer Architecture
- Operating System
- Data Structures
- Advanced Programming
- Mobile Computing
- Artificial Intelligence
- Graphical User Interface
- Cloud Computing
- Parallel and Distributed System
- Malaysia Economy

YEAR 3

- Software Engineering
- Data Mining and Visualisation
- Machine Learning
- Project 1
- Computer Vision and Natural Language Processing
- Big Data Technologies
- Project 2
- Industrial Training

******Malaysian students who did not get a credit for Bahasa Melayu in SPM and have not completed the module in any previous studies***

BACHELOR OF INFORMATION TECHNOLOGY (HONOURS)

(R/482/6/0147)(8/26)(MQA/FA4245)

Get ready for a career in the exciting, fast-changing world of computing. Learning about computer-based systems can open a lot of different career doors. Our information technology course combines theoretical knowledge with practical experiments to prepare you for today's rapidly evolving working world.

The syllabus provides a comprehensive overview of all areas of IT, allowing you to keep your career options open and explore a wide range of in-demand topics. You can look forward to securing a key role in any industry that requires advanced skills in technology in roles such as a web developer, IT or network administrator, IT project management, cloud administrator, among many more.

ENTRY REQUIREMENTS

- Matriculation/Foundation CGPA 2.00 out of 4.00 AND credit in Mathematics at SPM level or equivalent
- STPM Grade C (GP 2.0) in any 2 subjects AND credit in Mathematics at SPM level or equivalent
- STAM Grade of Jayyid, AND credit in Mathematics at SPM level or equivalent;OR
- A-LEVEL Pass with Grade D in any two (2) subjects AND credit in Mathematics at SPM level or equivalent;OR
- Diploma in Computer Science OR Software Engineering OR Information Technology OR Information Systems or equivalent with CGPA 2.50 out of 4.00 AND a credit in Mathematics at SPM Level or its equivalent. Candidates with CGPA below 2.50 but above 2.00 with a credit in Mathematics at SPM level or its equivalent may be admitted subject to a rigorous internal assessment process;OR
- Diploma in any non-computing field with CGPA 2.75 out of 4.00 AND a credit in Mathematics at SPM level or its equivalent, Candidates with CGPA below 2.75 but above 2.50 with a credit in Mathematics at SPM level or its equivalent may be admitted, subject to a rigorous internal assessment process;OR
- UEC Grade B in five (5) subjects including Mathematics; OR
- Diploma Kemahiran Malaysia (DKM) / Diploma Lanjutan Kemahiran Malaysia (DLKM)/ Diploma Vokasional Malaysia (DVM) with a minimum CGPA 2.50 out of 4.00, subject to passing the bridging programme;OR
- Other equivalent qualification as recognised by the Government of Malaysia

Note:
- The credit requirement at SPM level can be waived should the grades obtained at the STPM/STAM/Diploma/Matriculation/Foundation level are equivalent/higher

English language competency requirements for international students:
- Proof of English proficiency certification will be required e.g IELTS, MUET, TOEFL. See the website for the minimum qualifying score
- English language requirements can be waived if the international student EITHER comes from a country that uses English as the official language OR the entry qualification uses English as the medium of instruction

Intakes | January / May / September

Duration | 3 Years

Programme Modules

YEAR 1
- Bahasa Kebangsaan A***
- Programming Concepts
- System Analysis and Design
- Professional, Ethical and Legal Aspects of Computing
- Introduction to Statistics
- Integrated System
- Data Communication and Networking
- Information Security
- Principles of Entrepreneurship
- Integrity and Anti-Corruption
- Discrete Structure
- Malaysia Economy
- Appreciation of Ethics and Civilisation
- Falsafah dan Isu Semasa (Malaysian Students)
- Communicative Malay 2 (International Students)

YEAR 2
- Object-Oriented Programming
- Web Technology
- Computer Architecture
- Database Systems
- English for Research Writing
- IT Project Management
- Operating System
- System Paradigm
- Mobile Computing
- Object Oriented Analysis and Design
- Human Computer Interaction
- Cloud Computing
- Tech Start-Up

YEAR 3
- Management Information System
- System Administration and Advanced Networking
- Data Mining and Visualisation
- Project 1
- Cyber Security
- Big Data Technologies
- E-Commerce
- Project 2
- Industrial Training

******Malaysian students who did not get a credit for Bahasa Melayu in SPM and have not completed the module in any previous studies***

Work-Based Learning

Unlock Your Potential!

What is Work-Based Learning?

Learning while working at a real company for one year

A full hands-on industry embedded approach to learning

To achieve module learning outcome while working

Work-based Learning (WBL) is an initiative to enhance the student learning experience by expanding industry collaboration in the design and delivery of programs. It is a subset of workplace learning where the achievement of the learning outcomes derived from the experience of performing a work role or function.

REQUIREMENTS

- Have completed at least 2 years of degree programme
- Minimum of 2.8 CGPA
- Final year students with around 1 year left duration of your study

Why WBL?

- Career Advancement
- Networking
- Confidence Building
- Skill Enhancement
- Personal & Professional Growth

CONTENT FORUM

THRIVE WELL

plus vibes

BrandGeeks INC

Start
Your Journey
with
UM-Wales

GETTING HERE

By Train

LRT – PWTC Station
Ampang Line / Seri Petaling
(Approximately a 15 minute walk)

KTM – Putra Station
(Approximately a 10 minute walk)

KL Monorail
Titiwangsa Station – PWTC Station

By Car

3.161° N, 101.691° E

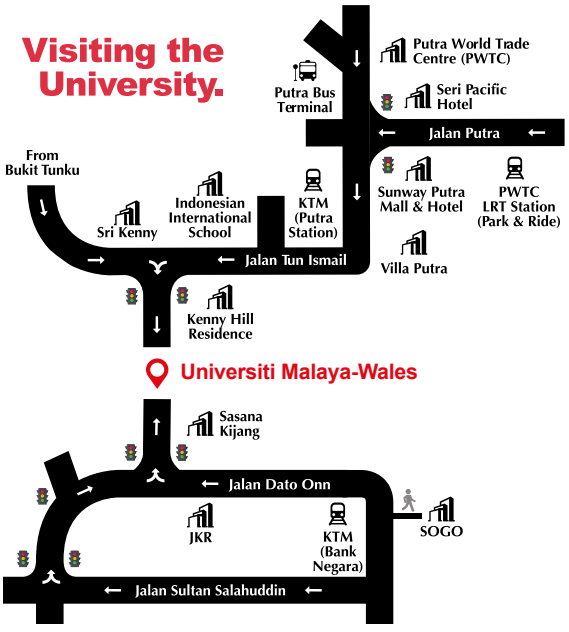
By Bus

No 852 (KTM Putra stop)

By Grab

Universiti Malaya-Wales

Visiting the University.



UNIVERSITI MALAYA WALES

Formerly known as International University of Malaya-Wales

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