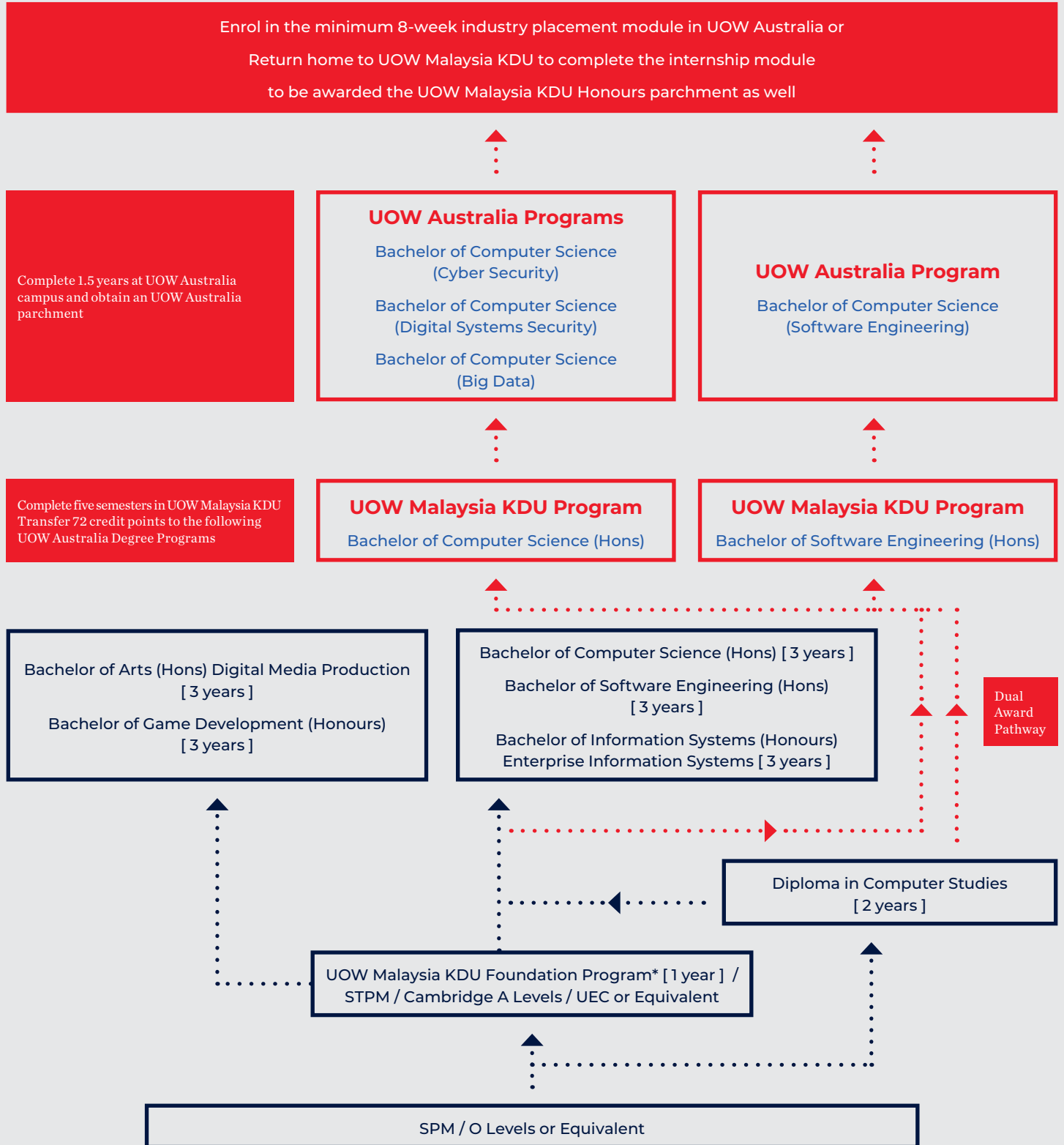




Study route

 **Selangor**



* Specific foundation programs that meet the entry requirement.
For all Postgraduates programs, kindly refer to Postgraduates Brochure or website for more information.
For UOW Australia Dual Award programs, kindly refer to Dual Award brochure or website for more information.



R/010/3/0111(02/23) MQA/FA 2523

R/010/3/0269(08/24) MQA/FA 4477

Foundation Studies / Foundation in Arts

Intakes:

January, May and September

Duration:

1 Year (Full-Time)

Course Location:

UOW Malaysia KDU University College,
Glenmarie

UOW Malaysia KDU College,
Glenmarie

Multidisciplinary. Flexible.

Stimulating independence and creativity.

The UOW Malaysia KDU's Foundation Programs (Foundation Studies and Foundation in Arts) are a one-year multidisciplinary foundation level pre-university program aimed at preparing students for further study in the fields of (but not limited to):

- Game Development
- Business
- Communication
- Computing
- Hospitality
- Creative Arts
- Digital and Creative Media

This flexible program ensures students are grounded with a strong grasp of core subjects according to their choice of discipline areas at degree level, as well as a variety of other subjects to give them a broad-based education and holistic 21st century soft skills advantage. It also helps them to explore new methods and ideas, as well as skills and concepts, to encourage independent and critical thinking; and public speaking and presentation techniques. Upon completion, students will be able to articulate seamlessly into various degree programs, offered at UOW Malaysia KDU.

COURSE STRUCTURE

Core

Total of 16 modules (6 Compulsory modules, 3 MPUs and 7 Electives)

- Creative Studies
- Fundamentals of Information Technology
- Foundation English/Critical Writing and Research Skills
- Introduction to Communication
- Introduction to Business
- Introduction to Sociology

Stream

Game Art / Game Design / Digital Media (choose 7)

- Design Practice
- Design Studies
- Media Appreciation
- Introduction to Marketing
- Introduction to Multimedia
- Introduction to Psychology
- Drawing 1 & 2
- Introduction to Management

Game Technology / Computing (choose 7)

- Design Studies
- Information System
- Introduction to Multimedia
- Mathematics 1, 2 & 3
- Programming Logic and Design
- Introduction to Psychology
- Introduction to Marketing

Business / Communication / Hospitality / Law (choose 7)

- Information System
- Introduction to Management
- Statistic
- Introduction to Marketing
- Introduction to Accounting
- Fundamental of Contract Law
- Fundamental of English Legal System
- Introduction to Psychology
- Introduction to Multimedia
- Media Appreciation
- Introduction to Economics
- Design Practice

MPU

- Pengajian Malaysia 1 (Malaysian Students) / Bahasa Melayu Komunikasi 1 (International Students)

- Cultural Studies

- Study Skills

- Bahasa Kebangsaan A*

* Bahasa Kebangsaan A is compulsory for all Malaysian students

- without a credit in SPM Bahasa Malaysia.

- without SPM Bahasa Malaysia (applicable to students from UEC, O Levels, or other equivalent programs)

ENTRY REQUIREMENT

Academic

Qualification Requirement

SPM / O Levels Min. 5 Credits (5Cs)

UEC Min. 3 Credits (3Bs)

Home Schooling with SAT Pass Year 11 and SAT score of 1050 over 1600

In addition to the above mentioned requirements, students must fulfil the certain other requirements in order to continue to specific degree programmes.

ENGLISH REQUIREMENT

Local Student

Credit (SPM / 1119 / UEC / O Levels English)

International Student

Band 4.0 in IELTS; or a min score of 30 (IBT) or 397 (PBT) in TOEFL; or Cambridge English CAE & CPE (from 2015) (140); or PTE Academic (36); or MUET Band 2; or UOW Malaysia KDU English Entrance Test (60)

If English Language requirements are not fulfilled, additional English module(s) may be taken at UOW Malaysia KDU





R2/481/4/0118(05/22) A 7983

Diploma in Computer Studies

Intakes:

January, May and September

Duration:

2 Years (Full-Time)

Course Location:

UOW Malaysia KDU University College,
Glenmarie

Get your foothold in the billion-dollar world of Computing Technology.

This diploma provides students with a solid, well-rounded foundation in the theory and application of general computing plus the basics of programming. It also covers information technology concepts, the practical operation of hardware and software, and the awareness of how computers affect work, home and play. Based on real-world industry requirements, students also gain the relevant skills and experience sought by today's top technology employers.

Career Opportunities:

IT Administrator Assistant | Data Processing Assistant | Computer Programmer | Systems Support Specialist | Database Administrator | Helpdesk Operator | Systems Administrator | Technical Writer / Documenter | Web Administrator

COURSE STRUCTURE

Year 1

- Computer Fundamentals
- Fundamentals of Programming
- Internet & Web Technologies
- Database Systems
- Society and Development in Malaysia
- Oral Communication
- Computing Mathematics
- Object Oriented Systems Analysis & Design
- User Interface Design
- Writing and Referencing
- VB Net Programming
- Computer Security
- Fundamentals of Object Oriented Programming

Year 2

- Personal Development Skills
- Multimedia Authoring
- Java Programming
- System Administration & Management
- Technopreneuership
- Networking & Operating System
- Mobile Technology
- Creative Computing
- Cloud Computing
- Professional Placement

MPU

- Penghayatan Etika dan Peradaban (Malaysian Students) / Bahasa Melayu Komunikasi 1 (International Students)
 - Personal Development Skills
 - Society and Development in Malaysia
 - Teamwork and Community
 - Bahasa Kebangsaan A*
- * Bahasa Kebangsaan A is compulsory for all Malaysian students
- without a credit in SPM Bahasa Malaysia.
 - without SPM Bahasa Malaysia (applicable to students from UEC, O Levels, or other equivalent programs)

ENTRY REQUIREMENT

Academic

Qualification Requirement

SPM / O Levels	Min. 3 Credits inclusive of Mathematics
UEC	Min. 3 Credits inclusive of Mathematics

ENGLISH REQUIREMENT

Local Student

Pass (SPM / 1119 / UEC / O Levels examination);
MUET Band 2

International Student

Band 4.0 in IELTS; or a min score of 30 (IBT) or 397 (PBT) in TOEFL; or score 36 and above for Pearson English Test

If English Language requirements are not fulfilled, additional English module(s) may be taken at UOW Malaysia KDU





R/481/6/0691(07/21) MQA/FA 0432

Bachelor of Computer Science (Hons)



Dual awards

Intakes:

January, May and September

Duration:

3 Years (Full-Time)

Course Location:

UOW Malaysia KDU University College, Glenmarie

The best way to envision the future is to innovate and create new forms of computing technology.

Computer Science focuses on a range of areas from theory to programming to cutting edge development of computing solutions. This is an area that offers a strong foundation that allows for adaption of new technologies and new ideas. It deals with the understanding, designing, and developing programs. UOW Malaysia KDU's program emphasises critical areas in the dynamic computing industry through its specialisations in Computer Security and Data Science.

Career Opportunities:

Systems Analyst | Programmer | Computer Systems Architects | Technical specialist | AI Engineer | Database Administrator | Data Analysts | Data Scientist | Machine Learning Developer | Data Quality Engineer | Security Analyst | Security Administrator | Computer Forensic Analyst | Penetration Tester | Cryptographer

COURSE STRUCTURE

Year 1

- Oral Communication
- Computing Mathematics
- Fundamentals of Programming
- Database Management & Security
- Discrete Mathematics
- Object Oriented System Analysis & Design
- Intelligent Systems
- Java Programming
- Computer Architecture
- Data Structures & Algorithms
- Data Communication & Networking
- Principles of Software Engineering

Year 2

- Operating Systems
- HCI & User Experience
- IT Project Management
- Database Systems
- Software Design
- Electives (2 Subjects)
- Specialisation (4 Subjects)

Year 3

- Final Year Project 1/Project 1*
- Final Year Project 2/Project 2*
- Software Engineering Practices and Principles
- Internship
- Elective (1 Subject)
- Specialisation (2 Subjects)

Specialisation: Computer Security (Choose 6)

- Computer Forensics
- Wireless & Mobile Security
- Penetration Testing
- Network Security
- Computer System Security
- Ethical Hacking & Countermeasures
- Cybersecurity*
- Big Data Mining Techniques and Implementation*
- System Security*

Specialisation: Data Science (Choose 6)

- Introduction to Data Science
- Data Visualization and Interactive Design
- Data Science Toolbox
- Knowledge Discovery & Data Mining
- Image Processing and Computer Vision
- Natural Language Processing
- Cybersecurity*
- Big Data Mining Techniques and Implementation*
- System Security*

Electives (Choose 3)

- Internet & Web Development
- Distributed Systems
- Software Architecture
- Foundation of Information Systems
- Business Process Management
- Information System Strategy & Management
- Advanced Programming*
- Software Development Methodologies*
- Knowledge and Information Engineering*

* subjects only for the Dual Awards Program

MPU

- Penghayatan Etika dan Peradaban (Malaysian Students) / Bahasa Melayu Komunikasi 2 (International Students)
- Falsafah dan Isu Semasa
- Entrepreneurship
- Malaysia and Global Issues
- Global Social Responsibility
- Bahasa Kebangsaan A*

* Bahasa Kebangsaan A is compulsory for all Malaysian students
 - without a credit in SPM Bahasa Malaysia.
 - without SPM Bahasa Malaysia (applicable to students from UEC, O Levels, or other equivalent programs)

ENTRY REQUIREMENT

Academic

Qualification	Requirement
A Levels	2 Principal Passes (2Ds)
STPM (Science Stream or equivalent)	2Cs or CGPA 2.00 with a Credit in a Mathematics subject and a Credit in a Science or ICT subject.
Diploma	Diploma in Computer Science or Software Engineering or Information Technology or Information System OR Related Diploma in Science and Technology Pass with Min. CGPA 2.50
Foundation Studies	Pass with Min. CGPA 2.00
UEC	5 Credits (5Bs) inclusive of a credit in Additional Mathematics

Mathematics Requirement

- (i) Students MUST have attained a 'CREDIT' in ADDITIONAL MATHEMATICS at SPM/O Levels or equivalent. OR
- (ii) MUST have attained a CREDIT in MATHEMATICS and a CREDIT in either a SCIENCE, TECHNOLOGY or ENGINEERING subject for SPM/O Levels or equivalent.

Students who do not fulfil the mathematics requirements at SPM level may be admitted if their entry qualification contain subject(s) of Mathematics and their achievement is equivalent or higher than the required Credit of Additional Mathematics at the SPM level. Note: Students who do not fulfil either requirements are advised to seek advice from the school before enrolment.

ENGLISH REQUIREMENT

Local Student	Band 3 in MUET
International Student	Band 5.5 in IELTS, or a min score of 46 (IBT) or 454 (PBT) in TOEFL; or score 51 and above for Pearson English Test.

If English Language requirements are not fulfilled, additional English module(s) may be taken at UOW Malaysia KDU



R/481/6/0633(04/25) MQA/FA 5265

Bachelor of Software Engineering (Hons)

**Dual
awards****Intakes:**

January, May and September

Duration:

3 Years (Full-Time)

Course Location:UOW Malaysia KDU University College,
Glenmarie

Building solutions for the future and enabling the age of the digital revolution.

The expanding integration of internet technologies coupled with the growth in e-commerce has resulted in a rising demand for software engineers. As computer systems become increasingly sophisticated, software engineers are expected to design, implement, safeguard and update systems. Students are exposed to valuable insights in utilising systematic and disciplined approaches to creating quality software products. They also gain core software development knowledge, which includes skills and techniques in modelling and analysis, software design, development, verification and validation, maintenance and management systems.

Career Opportunities:

Full Stack Developer | Systems Engineer | Application Architect | Applications Developer | Embedded Software Engineer | Software Architect | Web Developer | Software Tester | Software Developer | Solutions Architect | Technical Support Engineer | Software QA Engineer

COURSE STRUCTURE**Year 1**

- Oral Communication
- Computing Mathematics
- Fundamentals of Programming
- Database Management & Security
- Discrete Mathematics
- Object Oriented System Analysis & Design
- Intelligent Systems
- Java Programming
- Computer Architecture
- Data Structures & Algorithms
- Data Communication & Networking
- Principles of Software Engineering

Year 2

- Operating Systems
- HCI & User Experience
- Software Requirements Engineering
- Software Testing & Quality Assurance
- Formal Methods
- IT Project Management
- Database Systems
- Software Design
- Elective (2 Subjects)
- Specialisation (1 Subject)

Year 3

- Final Year Project 1/Project 1*
- Final Year Project 2/Project 2*
- Software Engineering Practices and Principles
- Internship
- Elective (1 Subject)
- Specialisation (2 Subjects)

Specialisation (Choose 3)

- Cybersecurity*
- Big Data Mining Techniques and Implementation*
- System Security*
- Introduction to Data Science
- Knowledge Discovery & Data Mining
- Wireless & Mobile Security

Electives (Choose 3)

- Advanced Programming*
- Software Development Methodologies*
- Knowledge and Information Engineering*
- Internet & Web Development
- Distributed Systems
- Software Architecture
- Foundation of Information Systems
- Business Process Management
- Information System Strategy & Management

* subjects only for the Dual Awards Program

MPU

- Penghayatan Etika dan Peradaban (Malaysian Students) / Bahasa Melayu Komunikasi 2 (International Students)
- Falsafah dan Isu Semasa
- Entrepreneurship
- Malaysia and Global Issues
- Global Social Responsibility
- Bahasa Kebangsaan A*
- * Bahasa Kebangsaan A is compulsory for all Malaysian students
 - without a credit in SPM Bahasa Malaysia.
 - without SPM Bahasa Malaysia (applicable to students from UEC, O Levels, or other equivalent programs)

ENTRY REQUIREMENT**Academic****Qualification Requirement**

A Levels	2 Principal Passes (2Ds)
STPM (Science Stream or equivalent)	2Cs or CGPA 2.00 with a Credit in a Mathematic subject and a Credit in a Science or ICT subject.
Diploma in relevant field (Science and Technology)	Pass with Min. CGPA 2.50
Foundation Studies	Pass with Min. CGPA 2.00
UEC	5 Credits (5Bs) inclusive of a credit in Additional Mathematics

Mathematics Requirement

- Students MUST have attained a 'CREDIT' in ADDITIONAL MATHEMATICS at SPM/O Levels or equivalent. OR
- MUST have attained a CREDIT in MATHEMATICS and a CREDIT in either a SCIENCE, TECHNOLOGY or ENGINEERING subject for SPM/O Levels or equivalent.

Students who do not fulfil the mathematics requirements at SPM level may be admitted if their entry qualification contain subject(s) of Mathematics and their achievement is equivalent or higher than the required Credit of Additional Mathematics at the SPM level. Note: Students who do not fulfil either requirements are advised to seek advice from the school before enrolment.

ENGLISH REQUIREMENT**Local Student**

Band 3 in MUET

International Student

Band 5.5 in IELTS, or a min score of 46 (IBT) or 454 (PBT) in TOEFL; or score 51 and above for Pearson English Test.

If English Language requirements are not fulfilled, additional English module(s) may be taken at UOW Malaysia KDU



Bachelor of Information Systems (Honours)

Enterprise Information Systems

Intakes:

January, May and September

Duration:

3 Years (Full-Time)

Course Location:

UOW Malaysia KDU University College,
Glenmarie

In a World of Business, Information and Technology is key in making a difference.

Advances in computer-based information technology in recent years have influenced how business managers make and implement decisions. Computing graduates with an aptitude for business organisations are being sought-after. Students are taught in-depth in the analysis and management of information within the context of the business environment to enable them to exploit the capabilities of today's technologies by equipping them with skills to design, develop and manage systems involving business data to provide solutions to organisational problems.

Career Opportunities:

IT Auditor | IT Analyst | IT Project Manager | Data Mining Specialist | Business Analyst | Business Intelligence Analysts | Consultants | Data Scientist | Data Warehouse Developers | Programmers | Database Administrators

COURSE STRUCTURE

Year 1

- Oral Communication
- Computing Mathematics
- Application Development
- Database Management & Security
- Statistics
- System Analysis and Design
- Foundation of Information Systems
- Fundamentals of Object Oriented Programming
- Enterprise Information System
- Database Management Systems
- Data Science
- Principles of Software Engineering

Year 2

- HCI & User Experience
- IT Infrastructure
- Enterprise System
- Enterprise Architecture
- Information System Strategy & Management
- Business Project Management
- IT Project Management
- Computer Ethics & Law
- Elective (2 Subjects)

Year 3

- Final Year Project (Part 1)
- Final Year Project (Part 2)
- Internship
- Elective (1 Subject)
- Field Elective (3 Subjects)

Electives (Choose 3)

- Human Resource Management
- Introduction to Logistic
- Management Accounting 1
- Organisational Behaviour
- Principles of Finance
- Principles of Marketing
- Supply Chain Management
- Strategic Management

Field Electives (Choose 3)

- GUI Programming
- Integrative Consultancy Project
- Computational Intelligence
- Internet and Web Development
- E-Commerce

MPU

- Penghayatan Etika dan Peradaban (Malaysian Students) / Bahasa Melayu Komunikasi 2 (International Students)
- Falsafah dan Isu Semasa
- Entrepreneurship
- Malaysia and Global Issues
- Global Social Responsibility
- Bahasa Kebangsaan A*

* Bahasa Kebangsaan A is compulsory for all Malaysian students

- without a credit in SPM Bahasa Malaysia.
- without SPM Bahasa Malaysia (applicable to students from UEC, O Levels, or other equivalent programs)

ENTRY REQUIREMENT

Academic

Qualification Requirement

GCE A Levels	2 Principal Passes (2Ds)
STPM	2Cs or CGPA 2.00
UEC	5 Credits (5Bs) inclusive of a credit in Mathematics
Diploma in relevant field (Science and Technology)	Diploma in Computer Pass with Min. CGPA 2.50
Foundation Studies	Pass with Min. CGPA 2.00

A credit in Mathematics at SPM level or equivalent is also required. Candidates that do not fulfil the mathematics requirements at SPM level may be admitted if their entry qualification contain subject(s) of Mathematics and their achievement is equivalent or higher than the required Credit of Mathematics at the SPM level.

ENGLISH REQUIREMENT

Local Student

Band 3 in MUET

International Student

Band 5.5 in IELTS, or a min score of 46 (IBT) or 454 (PBT) in TOEFL; or score 51 and above for Pearson English Test.

If English Language requirements are not fulfilled, additional English module(s) may be taken at UOW Malaysia KDU



R/481/6/0144(01/22) MQA/FA 1196

Bachelor of Game Development (Honours)

Intakes:

January, May and September

Duration:

3 Years (Full-Time)

Course Location:

UOW Malaysia KDU University College, Glenmarie

Join one the South East's Asia's most Recognized and Leading Universities in Game Development.

Digital games are one of the fastest growing industries in the world economy with net earnings surpassing that of the entire entertainment industry. Considering this incredible growth and with the pressing need for game developers with very specialised skills, this degree program is designed to cultivate high quality graduates familiar with production processes and aware of what is needed to produce successful games. UOW Malaysia KDU is one of the top universities in the region for game development talents.

Career Opportunities:

Game Art

2D / 3D Game Artist | 2D / 3D Animator | Concept Artist | Technical Artist

Game Technology

A.I. Programmer | Engine Programmer | Game Programmer | Graphics Programmer | Tool Programmer

Game Design

Game Content Designer | Game Mechanic Designer | Game Tester | Interface Designer | Level Designer | Story Scripter

In collaboration with:

ACADEMIC



PARTNER

UOW Malaysia KDU was the first institution outside of North America and Europe to obtain status as an Unreal Academic Partner. The Unreal Engine is a game engine developed by Epic Games and is considered one of the world's leading game engines

COURSE STRUCTURE

Year 1

- Fundamentals of Game Art
- Fundamentals of Game Development
- Fundamentals of Game Technology
- Fundamentals of Game Design
- Oral Communication
- Professional Development and Leadership Skills
- Specialisation Subject (4 Subjects)

Year 2

- Game Project Studio 1
- Game Project Studio 2
- Game Business & Marketing
- Human Computer Interaction for Games
- Research Methodology
- Specialisation Subject (6 Subjects)

Year 3

- Final Year Project 1
- Final Year Project 2
- Internship
- Electives (4 Subjects)

Specialisation: Game Art

- Digital Drawing
- Digital Imaging
- Animation Principles
- Introduction to 3D Modeling
- 3D Game Modeling and Texturing 1
- 3D Game Modeling and Texturing 2
- 3D Game Animation 1
- 3D Game Animation 2
- 3D Game Art Development
- Advance 3D Game Art

Specialisation: Game Design

- Game Systems Analysis and Design
- Game Social & Culture Studies
- Game Level Design
- Game World Creation
- Game Genre Studies 1
- Games Narrative
- Game Genre Studies 2
- Multiplayer Game Design
- Game QA and Testing
- Game Support Documentation & Review

Specialisation: Game Technology

- Logic, Math & Physics for Games
- Data Structures & Algorithms
- Fundamentals of Programming
- Object Oriented Programming
- Game Programming
- Graphics Programming
- Mobile Game Development
- Object Oriented System Analysis and Design
- 3D Game Programming
- Data Communication & Networking

Field Electives (Choose 2)

- Digital Audio for Games
- Concept Art for Games
- 2D Game Art Development
- Artificial Intelligence for Games
- Game Engine Architecture and Design
- Integrated Game Commercialisation Project 1
- Integrated Game Commercialisation Project 2

MPU

- Penghayatan Etika dan Peradaban (Malaysian Students) / Bahasa Melayu Komunikasi 2 (International Students)
- Falsafah dan Isu Semasa
- Entrepreneurship
- Malaysia and Global Issues
- Global Social Responsibility
- Bahasa Kebangsaan A*

* Bahasa Kebangsaan A is compulsory for all Malaysian students

- without a credit in SPM Bahasa Malaysia.
- without SPM Bahasa Malaysia (applicable to students from UEC, O Levels, or other equivalent programs)

ENTRY REQUIREMENT

Academic

Qualification	Requirement
GCE A Levels / STPM or equivalent	2 Principal Passes or CGPA 2.00
Diploma	Pass with Min. CGPA 2.00
Foundation Studies	Pass with Min. CGPA 2.00

For students wishing to enter the Bachelor of Game Development program (Game Art or Game Design), a Pass in SPM Mathematics is recommended.

For students wishing to enter the Game Technology track, a Credit in SPM Mathematics is required.

Candidates without a "Pass" or "Credit" in Mathematics at SPM level may be admitted if their entry qualification contain subject(s) of Mathematics and their achievement is equivalent or higher than the required Pass or Credit of Mathematics at the SPM level.

ENGLISH REQUIREMENT

Local Student	Band 3 in MUET
International Student	Band 5.0 in IELTS; or a min score of 42 (IBT) or 410 (PBT) in TOEFL; or score 47 and above for Pearson English Test

If English Language requirements are not fulfilled, additional English module(s) may be taken at UOW Malaysia KDU



N/213/6/0333(05/23) MQA/PA 9096

Bachelor of Arts (Hons) Digital Media Production

Intakes:

January, May and September

Duration:

3 Years (Full-Time)

Course Location:

UOW Malaysia KDU University College,
Glenmarie

Leading the charge in creating talents for the Digital Entertainment Content Revolution

Malaysia has earmarked the entertainment industry as a catalyst for increased growth in the economy. There is a constant need for digital content consumption for individuals and brands as we push for digital technology to play bigger roles in our lives. This gives an impetus for the opportunity of continual production of local talent pool. This program focuses on three aspects of the digital content industry - Animation, Visual Effects and Digital Video Production.

Career Opportunities:

Animation

3D Animator/ Lead Animator / Supervisor | 3D Modeller | Texture / Shading Artist | Environment Artist | Lighting / Rigging Artist

Visual Effects

Visual Effects Artist / Lead | Effects Coordinator | Compositors | Matte Painters | VFX Producer

Digital Video Production

Art Director / Creative Director | Production Coordinator | Motion Graphics Designer / Artist | Digital Video Producer (Distribution) | Mobile Media Producer/Designer | Cine Mobile Producer/Designer

COURSE STRUCTURE

Year 1

- Oral Communication
- Media Psychology
- Narrative Studies
- Graphic Design for Digital Media
- Digital Imaging 1
- Digital Imaging 2
- Digital Illustration
- Principles of Animation
- Cinematography
- Mass Media and Society
- Production for Time Based Media
- Digital Pre-Production

Year 2

- 3D Visualisation 1
- 3D Visualisation 2
- Digital Video Editing
- Acting and Movement for Digital Media
- Digital Video Studio Techniques
- Digital Media Project Management
- Studio Practice 2
- Studio Practice 1
- 3D Animation
- Motion Graphic Design
- Research Methodology
- Elective (1 Subject)

Year 3

- Graduate Production Project 1
- Graduate Production Project 2
- Digital Audio for Creative Media
- Digital Media Management and Distribution
- Internship
- Elective (1 Subject)

Electives (Choose 2)

- Presentation Skills
- Advanced 3D Animation
- Visual Effects Compositing
- E-Commerce
- Computer Ethics & Law
- Game World Creation
- Game Social & Culture Studies
- Event Management
- Multimedia & Web Design

MPU

- Penghayatan Etika dan Peradaban (Malaysian Students) / Bahasa Melayu Komunikasi 2 (International Students)

- Falsafah dan Isu Semasa

- Entrepreneurship

- Malaysia and Global Issues

- Global Social Responsibility

- Bahasa Kebangsaan A*

* Bahasa Kebangsaan A is compulsory for all Malaysian students

- without a credit in SPM Bahasa Malaysia.

- without SPM Bahasa Malaysia (applicable to students from UEC, O Levels, or other equivalent programs)

ENTRY REQUIREMENT

Academic

Qualification Requirement

STPM/
GCE A Levels 2 Principal Passes or
CGPA 2.00

Diploma Pass with min. CGPA 2.00

Foundation Studies Pass with min. CGPA 2.00

ENGLISH REQUIREMENT

Local Student Band 3 in MUET

International Student Band 5.0 in IELTS; or a min score of 42 (IBT) or 410 (PBT) in TOEFL; or score 47 and above for Pearson English Test

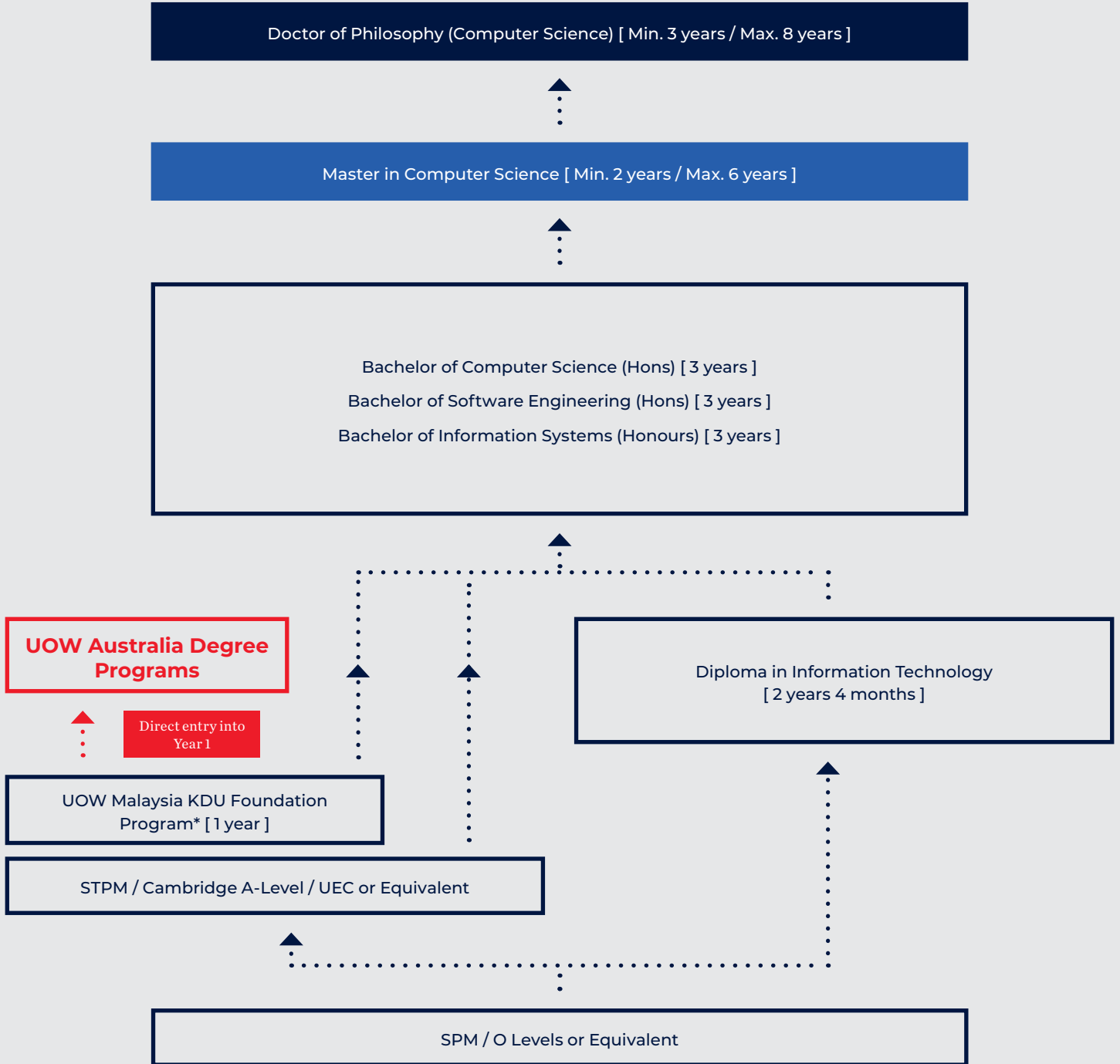
If English Language requirements are not fulfilled, additional English module(s) may be taken at UOW Malaysia KDU





Study route

 **Penang**



* Specific foundation programs that meet the entry requirement.
 For all Postgraduates programs, kindly refer to Postgraduates Brochure or website for more information.



N/010/3/0492(12/22) MQA/FA 9024

Foundation in Arts

Intakes:

January, May and September

Duration:

1 Year (Full-Time)

Course Location:

UOW Malaysia KDU Penang
University College, George Town

UOW Malaysia KDU Penang
University College, Batu Kawan

This Foundation program equips students with the necessary fundamental knowledge to pursue their university studies. This flexible program ensures students are grounded with a strong grasp of core subjects, as well as a variety of other subjects to give them a broad-based educational platform. It also helps them to explore new methods and ideas, as well as skills and concepts, to encourage independent and critical thinking.

The Foundation in Arts is a one-year programme that provides 2 elective areas:

- Law / Humanities
- IT / Computer Science

COURSE STRUCTURE

Semester 1

- English Grammar and Usage
- Study Skills
- Critical Thinking
- Mathematics 1
- Public Speaking Skills
- Principles of Management

Semester 2

- Advanced English Course
- Statistics
- Principles of Marketing
- Introduction to Business
- Introduction to Mass Communication

Semester 3

- Elective (1 subject)
- Introduction to Programming
- Economics
- Writing and Research Skills
- Introduction to Computing and IT

Elective

- Law / Humanities- Introduction to Law
- IT / Computer science- Mathematics 2

ENTRY REQUIREMENT

Academic Qualification Requirement

SPM / GCE O Levels	5 Credits
UEC	3 Credits

ENGLISH REQUIREMENT

Local Student Pass (English at SPM level or equivalent)

International Student Band 4.0 in IELTS; or a min score of 30 (IBT) or 397 (PBT) in TOEFL; or Cambridge English CAE & CPE (from 2015) (140); or PTE Academic (36); or MUET Band 2; or UOW Malaysia KDU English Entrance Test (60)

If English Language requirements are not fulfilled, additional English module(s) may be taken at UOW Malaysia KDU



N/010/3/0419(12/21) MQA/FA 8033

Foundation in Science

Intakes:

January, May and September

Duration:

1 Year (Full-Time)

Course Location:

UOW Malaysia KDU Penang
University College, George Town

UOW Malaysia KDU Penang
University College, Batu Kawan

Chase for your dreams!

This Foundation program equips students with the necessary fundamental knowledge to pursue their university studies. This flexible program ensures students are grounded with a strong grasp of core subjects, as well as a variety of other subjects to give them a broad-based educational platform. It also helps them to explore new methods and ideas, as well as skills and concepts, to encourage independent and critical thinking.

The Foundation in Science is a one-year programme that provides students with 2 elective areas:

- Pure Science
- Engineering or IT or Computer Science

COURSE STRUCTURE

Semester 1

- English Grammar and Usage
- Study Skills
- Critical Thinking
- Mathematics 1
- Biology 1

Semester 2

- Advanced English Course
- Computer Application
- Chemistry 1
- Physics 1
- Mathematics 2

Semester 3

- Electives (2 subjects)
- Introduction to Programming
- Writing and Research Skills
- Statistics

Elective: Pure Sciences

- Chemistry 2
- Biology 2

Elective: Physical Sciences

- Mathematics 3
- Physics 2

ENTRY REQUIREMENT

Academic Qualification Requirement

SPM / GCE O Levels	5 Credits
UEC	3 Credits

ENGLISH REQUIREMENT

Local Student Pass (SPM / 1119 / UEC / O Levels examination)*

International Student Band 4.0 in IELTS; or a min score of 30 (IBT) or 397 (PBT) in TOEFL; or Cambridge English CAE & CPE (from 2015) (140); or PTE Academic (36); or MUET Band 2; or UOW Malaysia KDU English Entrance Test (60)

If English Language requirements are not fulfilled, additional English module(s) may be taken at UOW Malaysia KDU



R2/482/4/0193(08/24) A 5031

Diploma in Information Technology

Intakes:

January, May and September

Duration:

2 Years 4 Months (Full-Time)

Course Location:

UOW Malaysia KDU Penang
University College, George Town

UOW Malaysia KDU Penang
University College, Batu Kawan

The purpose of the Diploma in Information Technology is to equip students with the necessary skills to find employment as computer practitioners. It is appropriate to the work in the fields of programming, web programming, systems analysis and design, and operations. Student will gain certification from Oracle Database, Oracle Java as well as Certified Ethical Hacking from EC-Council which are embedded in the course syllabus for better technical competencies.

Career Opportunities:

Analyst Programmer | Android Programmer | App Developer | IT Consultant | Database Administrator | Database Programmer | Front-end Developer | Gameplay Programmer | Graphics Programmer | Information System Administrator | IT Executive | IT Helpdesk Analyst | IT Support Personnel | Junior Software Engineer | Multimedia Designer | Network Administrator | Network Technician | Project Engineer | Service Technician | Software Engineer | Software Tester | Technical Support Officer | Web Designer and Developer

COURSE STRUCTURE

Year 1

- Oral Communication
- Fundamentals of Object-Oriented Programming
- User Interface Design
- Computing Mathematics
- Object-Oriented Systems Analysis and Design
- Java Programming
- Data Structures and Algorithms
- Database Systems

Year 2

- Object-Oriented Programming II
- Network Fundamental
- Introduction to Operation System
- Internet Technology and Application
- Fundamentals of Security in Ethical Hacking
- Computer Architecture
- System Administration and Management
- Technopreneurship
- Project
- Multimedia Authoring
- Mobile Technology

Year 3

- Internship

MPU

- Penghayatan Etika dan Peradaban (Malaysian Students) / Bahasa Melayu Komunikasi 1 (International Students)
 - Personal Development Skills
 - Society and Development in Malaysia
 - Teamwork and Community
 - Bahasa Kebangsaan A*
- * Bahasa Kebangsaan A is compulsory for all Malaysian students
- without a credit in SPM Bahasa Malaysia.
 - without SPM Bahasa Malaysia (applicable to students from UEC, O Levels, or other equivalent programs)

ENTRY REQUIREMENT

Academic

Qualification Requirement

SPM / GCE O Levels	Min. 3 Credits including Mathematics
UEC	Min. 3 Credits including a Credit in Mathematics
Certificate in computer related studies	Pass with min. CGPA of 2.00
Sijil Kemahiran Malaysia (SKM)	Pass Level 3 and a Credit in Mathematics at SPM Level

ENGLISH REQUIREMENT

Local Student

Pass (English at SPM level or equivalent)

International Student

Band 4.0 in IELTS; or a min score of 30 (IBT) or 397 (PBT) in TOEFL; or Cambridge English CAE & CPE (from 2015) (140); or PTE Academic (36)

If English Language requirements are not fulfilled, additional English module(s) may be taken at UOW Malaysia KDU



N/481/6/0755(09/21) MQA/FA 8050

Bachelor of Computer Science (Hons)

Intakes:

January, May and September

Duration:

3 Years (Full-Time)

Course Location:

UOW Malaysia KDU Penang
University College, George Town

UOW Malaysia KDU Penang
University College, Batu Kawan

Computer Science Degree in Malaysia

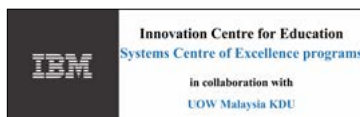
The Bachelor of Computer Science (Hons) degree program is designed to produce quality graduates who grasp a sound technical knowledge of the broad aspects of computer science. The program also provides an understanding of computer science as an academic discipline.

The courses offer a comprehensive study program which covers a wide range of topics including object-oriented programming, artificial intelligence, mobile computing and computational mathematics, using languages and tools such as Java, C++, Android, SQL, and Python.

Career Opportunities:

Systems Analyst | Programmer | Technical writer | Computer Systems Architects | Technical specialist | AI Engineer | Used Case Engineer | Database Administrator | Data Analysts | Data Scientist | Machine Learning Developer | Analytics Modeller | Data Quality Engineer | Security Analyst | Security Administrator | Computer Forensic Analyst | Penetration Tester | Cryptographer | Mobile Application Developer | Statistical Programmer

Professional Partner:



COURSE STRUCTURE

Year 1

- Principles of Programming
- Computer Architecture
- Database Systems
- Discrete Mathematics
- Computer Networks
- Writing and Referencing
- Oral Communication
- Object-Oriented Programming
- Foundation of Human Computer Interaction
- Data Structures & Algorithms
- System Analysis and Design

Year 2

- System Fundamentals
- Database Programming
- Software Engineering
- Principles of Management
- Introduction to Artificial Intelligence
- Operating Systems and Concurrency
- Computer Graphics
- Intelligent Systems
- Internet of Things
- Social and Current Issues in Computing
- Elective (2 subjects)

Year 2 Elective (choose any 2)

- Introduction to Web Design
- Data Visualisation for Web
- Mobile Application Development
- Distributed Computing

Year 3

- Individual Project 1
- Individual Project 2
- Machine Learning
- Parallel Computing
- Big Data Analysis
- Cyber Security
- Knowledge Management
- Industrial Training
- Elective (1 subject)

Year 3 Elective (choose any 1)

- Image Processing
- Autonomous Mobile Robotics

MPU

- Penghayatan Etika dan Peradaban (Malaysian Students) / Bahasa Melayu Komunikasi 2 (International Students)
- Falsafah dan Isu Semasa
- Entrepreneurship
- Malaysia and Global Issues
- Global Social Responsibility
- Bahasa Kebangsaan A*

* Bahasa Kebangsaan A is compulsory for all Malaysian students

- without a credit in SPM Bahasa Malaysia.
- without SPM Bahasa Malaysia (applicable to students from UEC, O Levels, or other equivalent programs)

ENTRY REQUIREMENT

Academic

Qualification	Requirement
STPM	2 Principal Passes in any 2 subjects and Credit at SPM level or equivalent in Additional Mathematics / Mathematics and any one subject in Science, Technology or Engineering OR 2 Principal Passes in Science Stream with in one Mathematics subject and one subject in Science / ICT
GCE A Levels	2 Principal Passes in any two subjects and Credit at SPM level or equivalent in Additional Mathematics / Mathematics and any one subject in Science, Technology or Engineering

UEC	5 Credits including Mathematics and Science/ ICT subject
Foundation/ Matriculation	Pass with min. CGPA of 2.00 and Credit at SPM level or equivalent in Additional Mathematics / Mathematics and any one subject in Science, Technology or Engineering

Australian Matriculation/ Foundation	ATAR score of 55
Diploma in related field	Pass with min. CGPA 2.50

ENGLISH REQUIREMENT

Local Student	MUET Band 2
International Student	Band 5.0 in IELTS; or a min score of 42 (IBT) or 410 (PBT) in TOEFL; or Cambridge English CAE & CPE (from 2015) (154); or PTE Academic (47)

If English Language requirements are not fulfilled, additional English module(s) may be taken at UOW Malaysia KDU



N/482/6/0124(09/21) MQA/FA 8186

Bachelor of Information Systems (Honours)

Intakes:

January, May and September

Duration:

3 Years (Full-Time)

Course Location:

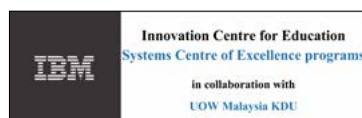
UOW Malaysia KDU Penang
University College, George Town

Information Systems focuses on developing skills in understanding the critical roles of business analytics in various organisational contexts, managing projects, and integrating systems within and across organisations. It offers a strong foundation and the ability to assess, evaluate, and communicate key aspects of Information Systems/Information Technology as an enabler of modern organisations.

Career Opportunities:

Big Data Analyst | Big Data System Architect | Business Analyst | Business Applications Developer | Business Intelligence – BI Analyst (Healthcare, Tech / Software, Manufacturing, Banking, Insurance) | Chief Data Scientist | Chief Knowledge Analyst | Chief Social Media Scientist | Credit Scorecard Specialist | Customer Segmentation Specialists | Data Scientist | Database Administrator | Enterprise Systems Consultant | Forensic Experts | Information Systems Analyst | Information Systems Developer | Information Systems Manager | Process Analyst | Project Manager | Web Developer | Web Programmer

Professional Partner:



COURSE STRUCTURE

Year 1

- Principle of Information System
- Database System
- Oral Communication
- Writing and Referencing
- Principles of Management
- Business Statistics
- Management Information System
- Business Information System
- IT infrastructure
- System Analysis and Design
- Foundation of HCI
- Business Communication

Year 2

- Enterprise Architecture 1
- Network Management
- Knowledge Management
- Programming for IS
- Strategic Systems Management
- IS Project Management
- Decision Support System
- Research Method
- Elective (3 subjects)

Year 2 Elective (choose any 3)

- Big Data Analysis
- Analytics for IOT
- Introduction to Business Analytics
- Internet of Things
- Digital Marketing
- Sensor Technology and Instrumentation

Year 3

- Individual Project 1
- Individual Project 2
- Enterprise Architecture 2
- Cyber Security
- Social and Current Issues in Computing
- Data Mining for Information Systems
- Business Process Management
- Industrial Training
- Elective (1 subject)

Year 3 Elective (choose any 1)

- Social Web analytics
- Wireless Sensor Network and IOT Standard

MPU

- Penghayatan Etika dan Peradaban (Malaysian Students) / Bahasa Melayu Komunikasi 2 (International Students)
 - Falsafah dan Isu Semasa
 - Entrepreneurship
 - Malaysia and Global Issues
 - Global Social Responsibility
 - Bahasa Kebangsaan A*
- * Bahasa Kebangsaan A is compulsory for all Malaysian students
- without a credit in SPM Bahasa Malaysia.
 - without SPM Bahasa Malaysia (applicable to students from UEC, O Levels, or other equivalent programs)

ENTRY REQUIREMENT

Academic

Qualification	Requirement
STPM	2 Principal Passes and Credit in Mathematics at SPM level or equivalent
GCE A Levels	2 Principal Passes and Credit in Mathematics at SPM level or equivalent
UEC	5 Credits including Mathematics
Foundation / Matriculation	Pass with CGPA \geq 2.00 and Credit in Mathematics at SPM level or equivalent
Australian Matriculation / Foundation	ATAR score of 55
Diploma in related field	Pass with min. CGPA 2.50

ENGLISH REQUIREMENT

Local Student Muet Band 2

International Student Band 5.0 in IELTS; or a min score of 42 (IBT) or 410 (PBT) in TOEFL; or Cambridge English CAE & CPE (from 2015) (154); or PTE Academic (47)

If English Language requirements are not fulfilled, additional English module(s) may be taken at UOW Malaysia KDU



N/481/6/0821 (09/21) MQA/PA 11683

Bachelor of Software Engineering (Hons)

Intakes:

January, May and September

Duration:

3 Years (Full-Time)

Course Location:

UOW Malaysia KDU Penang
University College, Batu Kawan

Software Engineering focuses on building and maintaining large-scale software systems. It is more applied than computer science, placing greater emphasis on the entire software development process, from idea to final product. It also applies more systematic practices to help ensure that the finished software systems are reliable and safe.

Career Opportunities:

Computer Communications Specialists |
Enterprise Distributed Application
Developer | Games Developer | Games
Graphic Designer | IT Analyst | IT
Consultant | IT Engineer | Java J2EE
Developer | Mobile App Developer |
Net Consultant | Network | Architect
Developer | Requirement Engineer |
Software Architect | Software Consultant |
Software Designer | Software Engineer |
Software Quality Assurance Officer |
Software Test Engineer | System Designer

Professional Partner:



COURSE STRUCTURE

Year 1

- Principles of Programming
- Computer Architecture
- Database Systems
- Discrete Mathematics
- Writing & Referencing
- Computer Network
- Object-Oriented Programming
- Data Structures & Algorithms
- Foundation of Human Computer Interaction
- Principles of Software Engineering

Year 2

- Software Requirements Engineering
- Algorithm Design & Analysis
- Software Process & Methodology
- Oral Communication
- Software Design & Architecture
- Software Testing
- Software Quality Assurance
- Principles of Management
- Mobile Application Development
- Field Elective 1
- Field Elective 2
- Knowledge Management

Year 3

- Professional & Ethical Practice
- Individual Project 1
- Individual Project 2
- Software Project Management
- Software Maintenance & Re-Engineering
- Industrial Training
- Field Elective 3
- Field Elective 4

Elective: Data Analytics

- Introduction to Business Analytics
- Predictive Analytics
- Descriptive Analytics
- Big Data Analysis

Elective: Internet Of Things

- Internet of Things (IoT)
- Sensor Technology & Instrumentation
- Wireless Sensor Network & IOT Standard
- Analytics for Internet of Things (IoT)

MPU

- Penghayatan Etika dan Peradaban (Malaysian Students) / Bahasa Melayu Komunikasi 2 (International Students)

- Falsafah dan Isu Semasa
- Entrepreneurship
- Malaysia and Global Issues
- Global Social Responsibility

- Bahasa Kebangsaan A*

* Bahasa Kebangsaan A is compulsory for all Malaysian students

- without a credit in SPM Bahasa Malaysia.
- without SPM Bahasa Malaysia (applicable to students from UEC, O Levels, or other equivalent programs)

ENTRY REQUIREMENT

Academic Qualification Requirement

STPM	2 Principal Passes in any 2 subjects and Credit at SPM level or equivalent in Additional Mathematics / Mathematics and any one subject in Science, Technology or Engineering OR 2 Principal Passes in Science Stream with in one Mathematics subject and one subject in Science / ICT
GCE A Levels	2 Principal Passes in any two subjects and Credit at SPM level or equivalent in Additional Mathematics / Mathematics and any one subject in Science, Technology or Engineering
UEC	5 Credits including Mathematics and Science/ ICT subject
Foundation/ Matriculation	Pass with min. CGPA of 2.00 and Credit at SPM level or equivalent in Additional Mathematics / Mathematics and any one subject in Science, Technology or Engineering

Australian Matriculation/ Foundation ATAR score of 55

Diploma in related field Pass with min. CGPA 2.50

ENGLISH REQUIREMENT

Local Student MUET Band 2

International Student Band 5.0 in IELTS; or a min score of 42 (IBT) or 410 (PBT) in TOEFL; or Cambridge English CAE & CPE (from 2015) (154); or PTE Academic (47)

If English Language requirements are not fulfilled, additional English module(s) may be taken at UOW Malaysia KDU **UOW Malaysia KDU**