

# INFORMATION & COMMUNICATION TECHNOLOGY

**JUN YAN**  
IT Student



**CTRL YOUR FUTURE. BECOME WHO YOU'RE MEANT TO BE.**

# OUR MISSION

IS TO HELP EVERY STUDENT SUCCEED IN LIFE AND TO LIVE A LIFE OF SIGNIFICANCE

We've built this commitment around four key pillars that shape your journey with us:



### ACADEMIC EXCELLENCE

Learn from passionate educators who go beyond textbooks to make every class engaging, inspiring, and meaningful.



### LIFE AND CAREER PREPARATION

Gain the confidence, skills, and real-world know-how to thrive through enhanced curriculum.



### VIBRANT STUDENT LIFE

From clubs and events to building friendships, campus life at HELP is about discovering your joy, passion, and purpose.



### WELLNESS AND COMMUNITY

Feel at home in a caring, supportive environment where your wellbeing truly matters.



## HOW WE ARE PREPARING YOU TO SUCCEED IN AN AI WORLD

1

### 8 HELP Graduate Attributes Equipping you with key human skills:

- Digital Agility
- Social Intelligence
- Strategic Communication
- Mental Agility
- Environmental & Global Literacy
- Moral Courage
- Resilience & Wellness
- Clarity of Purpose

2

### Real-World Projects

Work on real company projects and build the professional skills employers want.

3

### Industry-Relevant Micro-Credentials

Enhance your resume with credentials from top global companies.

4

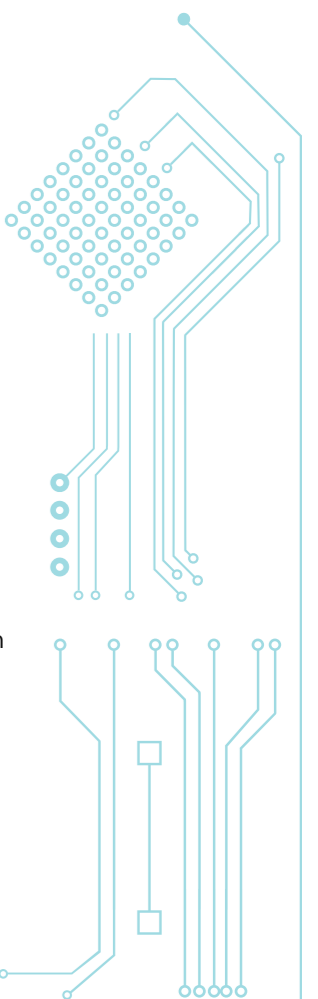
### Mentoring and Expert Talks

Learn future-ready skills from industry mentors and global thought leaders.

5

### Internships With Top Organisations

Internship programmes with over 1,000 companies.



# 8 HELP GRADUATE ATTRIBUTES

Our curriculum blends essential life skills with professional know-how to prepare students for success in both work and life.

## 1 DIGITAL AGILITY

Offered by **Microsoft**  
Python for Beginners

Offered by **Google**

- Introduction to Generative AI
- Getting Started with Data
- Getting Started with Cybersecurity

## 2 SOCIAL INTELLIGENCE

Offered by **Google**  
Brainstorm Ideas in a Group

Offered by **HELP University**  
Understanding People / Behaviour Insights

Offered by **LinkedIn Learning**  
Developing your Emotional Intelligence

Offered by **University of Cape Town**  
Becoming a Changemaker:  
Introduction to Social Innovation

## 3 STRATEGIC COMMUNICATION

Offered by **Google Garage**  
Communicate your Ideas through  
Storytelling and Design

Offered by **HELP University**  
Digital Content Creation

Offered by **HP Life**  
Effective Presentation Communication

"Cultivating these attributes today empowers you to thrive tomorrow, as you become a leader, a problem-solver, and a lifelong learner in an ever-changing world."

**Venon Tian**  
Chief Operating Officer  
ZUS Coffee



## MENTAL AGILITY



Offered by **IBM**  
Solving Problems with Creative and Critical Thinking

Offered by **HELP University**  
Effective Learning Skills



## MORAL COURAGE



Offered by **UNICEF**  
Community Engagement and Humanitarian Programmes

Offered by **World Vision**  
Volunteerism



## CLARITY OF PURPOSE



Offered by **CAREERsense**

- Career Readiness
- Interviewing and Resume Writing

Offered by **HELP University**  
Personality Testing

## ENVIRONMENTAL & GLOBAL LITERACY



Offered by **World Vision**

- Global Citizenship
- Planetary Health

Offered by **HRDC**  
ESG Awareness



## RESILIENCE & WELLNESS



Offered by **HELP University**

- Stress Management
- Psychology First Aid

Offered by **St. John Ambulance**  
First Aid and CPR

Offered by **HRDC**  
Time Management

"Staying resilient in pursuit of success comes with tenacity. For young people, the secret lies in balancing digital agility with the timeless strength of human connection and empathy - both for self and others, and these attributes are aligned with the needs."

**Vinesh Naidu**  
Director,  
Human Capital  
PwC Malaysia



**\*Disclaimer:** Some of these short courses are offered through open-source platforms and are compulsory for all HELP students.



# WHY STUDY COMPUTING AND DIGITAL TECHNOLOGY @ HELP

## INDUSTRY-RECOGNISED EXCELLENCE



Learn in a premier digital tech environment with programmes, facilities, and educators aligned with industry standards.

## CHOOSE YOUR SPECIALISATION



From Cybersecurity to Game Development, tailor your studies to your passion.

## PERSONALISED ACADEMIC SUPPORT



Navigate complex tech concepts with close guidance from experienced lecturers.

## GLOBAL CERTIFICATIONS



Boost your profile with credentials from IBM, SAS, AWS, Huawei, Cisco, and Google.

## HANDS-ON LEARNING



Train in specialised labs using industry-relevant tools and technologies

## SEAMLESS STUDY PATHWAYS



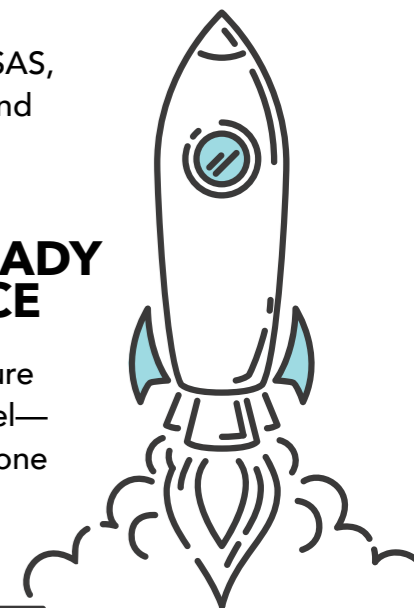
Progress smoothly from diploma to degree with clear transfer and career routes.

## INDUSTRY-READY EXPERIENCE

Gain real-world exposure through the 2U1i model—two years on campus, one year in industry.



Scan and Explore our diverse and accomplished academic team



# ALUMNI TESTIMONIAL



"IT is incredibly fast-paced, and there is always room for innovation and creativity. The courses in my BIT (Honours) degree and the interactions that I had with my lecturers have equipped me with the necessary skills for my current job at Ernst & Young (Singapore).

**Ooi Her Wuen**  
Bachelor of Information Technology (Honours),  
First Class Honours, HELP University  
Tan Sri Datuk Paduka Dr Hajjah Saleha Outstanding  
Achievement Award President's Award  
Senior Associate, Advisory Services, Ernst & Young  
(Singapore)



"HELP University has fueled my passion for learning, teaching versatile programming paradigms applicable across languages. Courses in UML modelling, game development, and the final-year project have prepared me to plan and manage new projects. The lecturers also offer valuable real-world insights, illustrating theories with practical examples."

**Khalid Mohammad Saleem**  
Bachelor of Computer Science  
(Honours)  
First Class Honours  
Software Engineer, MIMOS



"The BIT (Honours) credit transfer programme between HELP and The University of Queensland encompasses a good mix of theory and practical learning experiences. Having dedicated staff that consistently win teaching awards, and with links to industry partners, this programme is recognised globally and prepares you for the workforce."

**Twins John Ngui Kin Choong and  
Arthur Ngui Kin Seng**  
Both graduated with a Bachelor of Information  
Technology (Honours)  
First Class Honours; they are currently working in  
Queensland.

"Studying at HELP has not only given me the tertiary knowledge, but also critical skills like project management, discipline and focus, to achieve a desired goal. It has also given me internationalisation and globalisation experiences through my interactions with foreign students and lecturers, as well as opening up a new worldview for me. This is critical for my entrepreneurship ventures."

**Vincent Cheng Kim Loong**  
Bachelor of Information Technology  
(Honours)  
CEO of Jevine Solutions  
Founder of Malaysian Business  
Network



## IT GRADS SELECTED BY GOOGLE

"Jarvis Store, founded by three enterprising HELP Bachelor of Information Technology (Honours) graduates, Frianto Moerdowo, Gusindra Divanatha and Agus Yusida, was selected to attend the Google Launchpad Accelerator Programme at Googleplex, Silicon Valley.

Rated one of the best start-up companies in Indonesia, Jarvis Store was one of 24 smart companies from around the world selected by Google to attend the programme.

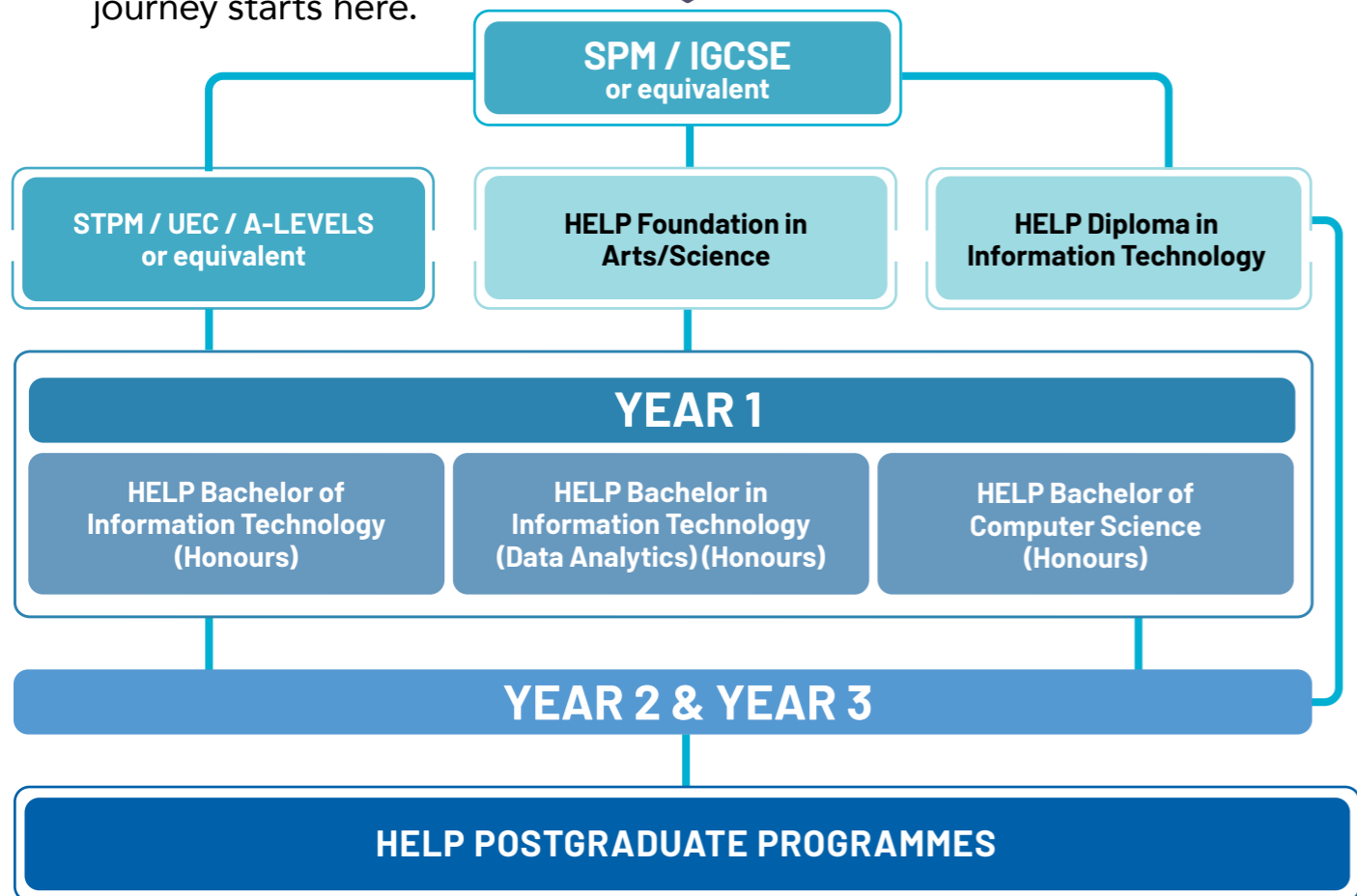
"The Bachelor of IT from HELP University gave me a strong foundation to enter the IT industry. I was fortunate to have dedicated lecturers who inspired, taught and encouraged me to be confident and bold in my entrepreneurial pursuits."

**Frianto Moerdowo**  
CEO of Jarvis Store



# UNLOCKING A WORLD OF OPPORTUNITIES

Explore pathways from secondary education to university and beyond. Earn your degree, pursue postgraduate opportunities, and step confidently into a successful career – your journey starts here.



- Master of Data Science
- Master in Artificial Intelligence (ODL)\*
- Master in Cybersecurity (ODL)\*
- Master of Project Management
- Master of Philosophy (MPhil)
- Master of Business Administration
- Master of Business Administration (ODL)\*
- Master of Corporate Governance
- Master in Artificial Intelligence
- Master of Human Resource Development
- Master of Entrepreneurship
- Master of Science in Economic Crime Management
- Doctor of Philosophy (ODL)\* (Computing)
- Doctor of Business Administration (DBA)
- Doctor of Philosophy

\*Open and Distance Learning

## DIPLOMA IN INFORMATION TECHNOLOGY

(R4/0611/4/0071) (09/30) (A6528)

This two-year programme equips students with essential technical skills to thrive in today's IT landscape. Through hands-on projects and practical learning, students build strong foundations in programming and system management, while developing the knowledge to progress into a degree or move directly into industry roles.

### PROGRAMME DETAILS

- 2-year programme
- 14 weeks for full semester; 7 weeks for half a semester
- Students are required to complete 19 Academic courses and 5 HELP Compulsory Courses

### INTAKES

January, May, August

### COURSES

#### YEAR 1

- Introduction to Analysis and Design
- Computer System Essentials
- Programming Principles
- Computing Mathematics
- Calculus and Linear Algebra
- Modern Web Development
- Object Oriented Programming Fundamentals
- Networking and Data Communications I
- Database Concepts & Practices
- Ethics in Computing

#### YEAR 2

- Fundamental of Operating Systems
- Capstone Project
- User Centered Design
- Internship
- Mobile App Development
- Statistics and Probability
- Digital Security Essentials
- Cloud Computing Fundamentals
- Networking and Data Communications II

### 5 HELP COMPULSORY COURSES (INCLUDING MPU SUBJECTS)

#### MPU SUBJECTS

##### MPU1 (Choose 1)

- Penghayatan Etika dan Peradaban
- Falsafah dan Isu Semasa
- Bahasa Melayu Komunikasi 1 (International)

##### MPU2 / MPU3

- Bahasa Kebangsaan A (for Local students without a credit in SPM Bahasa Melayu), and
- Integrity and Anti-Corruption (Malaysian and International)

##### MPU4 (Choose at least 1)

- Co-curriculum - Sports 2
- Co-curriculum - Community Service 2

#### GENERAL ELECTIVE

- Communication 1

#### HELP GRADUATE ATTRIBUTE

- Discovering Oneself



# BACHELOR OF COMPUTER SCIENCE (HONOURS)

(N/0613/6/0006) (08/27) (MQA/PA15760)

Focusing on cybersecurity, blockchain, artificial intelligence and more, this three-year Bachelor of Computer Science (Honours) programme prepares students to become the next leaders in computing.

## SPECIALISED TRACKS

### ARTIFICIAL INTELLIGENCE (AI):

Learn how machines think, reason, and create like humans. Key courses: Fundamentals of AI, Machine Learning, Deep Learning, Natural Language Processing.

**CYBERSECURITY:** Protect the digital world from hackers and cybercrime. Key courses: Cybercrime & Digital Forensics, Advanced

Networking, Cyberdefense & Ethical Hacking, Computer Ethics.

**DATA ANALYTICS:** Transform raw data into actionable insights. Key courses: Analytics for Decision Making, Statistics and Visualisation, Statistics for Data Science, Data Mining & Machine Learning.

**BLOCKCHAIN:** Understand secure, tamper-proof digital ledgers powering cryptocurrencies, DeFi,

NFTs, and smart contracts. Key courses: Blockchain Technology Concepts, Blockchain Applications & Smart Contracts, Blockchain Development.

**QUANTUM COMPUTING:** Explore the next frontier of computing, harnessing the exponential power of quantum technology.

**INTAKES**  
January, May, August

## COURSES

### YEAR 1

#### Core Computing

- Computer Architecture and Organisation
- Introduction to Database Systems
- Data Communications and Networking
- Introduction to Operating Systems
- Programming Fundamentals
- Discipline Core
- Fundamentals of Artificial Intelligence
- Discrete Mathematics
- Web Design and Development
- Object Oriented Programming

#### ELECTIVES

##### Field Electives (Choose 2)

- Analytics for Decision Making
- Multimedia Systems

##### Free Electives (Choose 1)

- Applied Mathematical Studies
- Professional Communication for Business

### YEAR 2

#### Core Computing

- System Architecture and Design

#### Discipline Core

- User Experience Design
- Software Engineering Principles
- Data Structures and Algorithms
- Computer Systems Engineering

#### ELECTIVES

##### Field Electives (Choose 2)

- Advanced Web Development
- Blockchain Technology Concepts
- Network Security
- Principles of Machine Learning
- Cloud Computing
- Data Mining and Visualisation
- Advanced Database Systems
- Decentralised Apps and Smart Contracts
- Cybercrime and Digital Forensics
- Introduction to Quantum Computing

#### Free Electives (Choose 1)

- Technopreneurship and Innovation

### YEAR 3

#### Discipline Core

- Concurrent Programming
- Cybersecurity and Ethics
- Project
- Final Year Project I
- Final Year Project II
- Industrial Internship

#### ELECTIVES

##### Field Electives (Choose 2)

- Enterprise Application Development
- IT Project Management
- Blockchain Development
- Deep Learning for Computer Vision
- Machine Learning and Artificial Intelligence
- Cyberdefence and Ethical Hacking
- Statistics for Data Science
- Natural Language Processing

##### Free Electives

- Startup Ideation

## MPU SUBJECTS

### MPU1 (Choose 2)

- Penghayatan Etika dan Peradaban
- Falsafah dan Isu Semasa
- Bahasa Melayu Komunikasi 2 (International)

### MPU2 / MPU3

- Bahasa Kebangsaan A (for Local students without a credit in SPM Bahasa Melayu)
- A\* Gen Careers in Malaysia and Beyond
- Integrity and Anti-Corruption (Malaysian and International)

### MPU4 (Choose 1)

- Co-curriculum - Sports 2
- Co-curriculum - Event Management 2

### GENERAL ELECTIVE:

- Communication and Leadership Skills

### HELP GRADUATE ATTRIBUTE

- Discovering Oneself
- Engaging the World

# BACHELOR OF INFORMATION TECHNOLOGY (HONOURS)

(R4/0611/6/0094) (04/30) (A5954)

The Bachelor of IT (Honours) develops students into versatile, world-class IT professionals, equipping them to create innovative web applications, mobile apps, and Internet of Things (IoT) solutions.

## SPECIALISED TRACKS

**FINTECH:** Explore how technology is transforming financial services, from banking to investments, helping businesses and individuals manage money smarter and faster.

**IOT:** Discover how connected devices and applications enable smart homes, remote healthcare, and seamless information flow to enhance daily life.

**MOBILE APP DEVELOPMENT:** Gain the skills to design and develop impactful mobile apps, preparing for a dynamic, in-demand industry shaping modern living.

## INTAKES

January, May, August

## COURSES

### YEAR 1

#### Core Computing

- Computer Systems and Organisation
- Introduction to Database Systems
- Data Communications and Networking
- Introduction to Operating Systems
- Programming Fundamentals
- Discipline Core
- Web Design and Development
- Object Oriented Programming
- Discrete Mathematics

#### ELECTIVES

##### Free Electives (Choose 1)

- Applied Mathematical Studies
- Professional Communications for Business

### YEAR 2

#### Core Computing

- System Architecture and Design

#### Discipline Core

- User Experience Design
- Advanced Database Systems
- Software Engineering Principles
- Cloud Computing

#### ELECTIVES

##### Field Electives (Choose 3)

- Enterprise Data Infrastructure
- Principles of Machine Learning
- Data Structures and Algorithms
- Network Security
- Advance Web Development
- Introduction to Mobile Apps
- Internet of Things
- Multimedia Systems
- Cybercrime and Digital Forensics

##### Free Electives (Choose 1)

- Technopreneurship and Innovation
- Multivariate calculus and Ordinary Differential Equations

### YEAR 3

#### Discipline Core

- IT Project Management
- Cybersecurity and Ethics
- Project
- Final Year Project I
- Final Year Project II
- Industrial Internship

#### ELECTIVES

##### Field Electives (Choose 2)

- Mobile Applications Development
- Concurrent Programming
- Enterprise Application Development
- Cloud Solutions Development
- Cyberdefence and Ethical Hacking

##### Free Electives

- Startup Ideation

## MPU SUBJECTS

### MPU1 (Choose 2)

- Penghayatan Etika dan Peradaban
- Falsafah dan Isu Semasa
- Bahasa Melayu Komunikasi 2 (International)

### MPU2 / MPU3

- Bahasa Kebangsaan A (for Local students without a credit in SPM Bahasa Melayu)
- A\* Gen Careers in Malaysia and Beyond
- Integrity and Anti-Corruption (Malaysian and International)

### MPU4 (choose at least one)

- Co-curriculum - Sports 2
- Co-curriculum - Event Management 2

### GENERAL ELECTIVE:

- Communication and Leadership Skills

### HELP GRADUATE ATTRIBUTE

- Discovering Oneself
- Engaging the World

# BACHELOR IN INFORMATION TECHNOLOGY (DATA ANALYTICS) (HONOURS)

(R3/0611/6/0104) (02/31) (A6240)

This programme equips students with the essential tools and techniques to master data analytics while honing critical thinking, communication, and problem-solving skills needed to tackle today's complex data challenges.

## COURSES

### YEAR 1

#### Core Computing

- Computer Architecture and Organisation
- Introduction to Database Systems
- Data Communications and Networking
- Introduction to Operating Systems
- Programming Fundamentals

#### Discipline Core

- Web Design and Development
- Discrete Mathematics
- Object Oriented Programming

#### Specialisation

- Analytics for Decision Making

#### ELECTIVES (Choose 1)

- Applied Mathematical Studies
- Professional Communication for Business

### YEAR 2

#### Core Computing

- Discipline Core
- System Architecture and Design

#### Discipline Core

- User Experience Design
- Advanced Database Systems
- Advanced Web Development

#### Specialisation

- Data Mining and Data Visualisation
- Enterprise Data Infrastructure

#### ELECTIVES (Choose 1)

- Technopreneurship and Innovation
- Multivariate calculus and Ordinary Differential Equations

### YEAR 3

#### Discipline Core

- IT Project Management
- Cybersecurity and Ethics
- Startup Ideation

#### Specialisation

- Machine Learning and AI
- Big Data Technologies
- Final Year Project I
- Final Year Project II
- Industrial Internship

#### ELECTIVES (Choose 1)

- Startup Ideation

### SPECIALISED TRACKS

#### BUSINESS INTELLIGENCE:

Learn to become a data storyteller, translating complex insights into clear strategies that drive smarter decisions across an organisation.

### QUANTITATIVE ANALYTICS:

Focus on predictive modelling and optimisation to forecast trends and empower businesses with data-driven decision-making.

### INTAKES

January, May, August

### MPU SUBJECTS

#### MPU1 (Choose 2)

- Penghayatan Etika dan Peradaban
- Falsafah dan Isu Semasa
- Bahasa Melayu Komunikasi 2 (International)

#### MPU2 / MPU3

- Bahasa Kebangsaan A (for Local students without a credit in SPM Bahasa Melayu)
- A\* Gen Careers in Malaysia and Beyond
- Integrity and Anti-Corruption (Malaysian and International)

#### MPU4 (choose at least one)

- Co-curriculum - Sports 2
- Co-curriculum - Event Management 2

#### GENERAL ELECTIVE:

- Communication and Leadership Skills

#### HELP GRADUATE ATTRIBUTE

- Discovering Oneself
- Engaging the World

PROGRAMMES	ACADEMIC QUALIFICATION	MINIMUM ENTRY REQUIREMENT	ENGLISH REQUIREMENTS
<b>Diploma in Information Technology</b>	SPM/SPMV/MCE	Min. 3 Credits including Mathematics, pass in Bahasa Melayu and History	<b>ENGLISH REQUIREMENTS</b>  International Students MUET Band 3 CEFR Mid B1 equivalent  Students who do not meet the requirement must enroll in English proficiency courses
	GCE O Level	Min. 3 Credits including Mathematics	
	UEC	Min. 3 Bs including Mathematics	
	STPM	Pass with Min. Grade Point (GP) 2.00 in any TWO (2) subjects and Credit in Mathematics at SPM Level or its equivalent	
	STAM	A pass with a min. Grade of Maqbul or equivalent	
	Recognised Computing Certificate or its equivalent	Min. CGPA 2.0	
Recognised related Technical/ Vocational Certificate or equivalent	Pass (without Mathematics may be admitted after a rigorous assessment)		
Any other equivalent qualifications recognised by Malaysian Government	Pass with Mathematics subject(s) equivalent to SPM-level Mathematics		

Candidates with a pass in Mathematics at an SPM level or its equivalent may be admitted if the programme contains subjects in Mathematics that are equivalent to Mathematics at SPM level.

Candidates with a pass in Mathematics at SPM level.

<b>Bachelor of Information Technology (Honours)</b>	Matriculation or Foundation	Min. CGPA 2.0 and a Credit in Mathematics at SPM level or its equivalent Min. CGPA 2.0	<b>ENGLISH REQUIREMENTS</b>  International Students IELTS 5.0  MUET Band 3.5  TOEFL Essentials (Online) 7.5  TOEFL (Internet based) 40
	STPM	A pass with a minimum grade of C (CGPA 2.0) in any TWO (2) subjects or any equivalent qualifications and a Credit in Mathematics at SPM level or its equivalent	
	STAM	A pass with a minimum grade of Jayyid in any TWO (2) subjects including a Credit in Mathematics at SPM level or its equivalent	
	A-Levels	Min. 2Cs and a Credit in Mathematics at SPM/ O Level	
	UEC	5Bs including Mathematics	
	CPU	5 subjects passes with a minimum average of 50% and a Credit in Mathematics at SPM level or its equivalent	
<b>Bachelor of Information Technology (Data Analytics) (Honours)</b>	Australia Matriculation (eg. SACE, AUSMAT, TEE, VCE, NSW)	ATAR 50 and a Credit in Mathematics at SPM Level or its equivalent	
	Diploma in Computing	Min. CGPA 2.5 and a Credit in Mathematics at SPM Level or its equivalent	
	Any Diploma in Science and Technology	Min. CGPA 2.5 may be admitted AND a Credit in Mathematics at SPM level	

<b>Bachelor of Computer Science (Honours)</b>	Matriculation or Foundation	Min. CGPA 2.0 and a Credit in Additional Mathematics in SPM or equivalent	<b>ENGLISH REQUIREMENTS</b>  International Students IELTS 5.0  MUET Band 3.5  TOEFL Essentials (Online) 7.5  TOEFL (Internet based) 40
	STPM	2Cs with min CGPA 2.0 and a Credit in Additional Mathematics at SPM level OR one Mathematics and one Science, Technology or Engineering or equivalent	
	STAM	2Cs or CPGA 2.0 OR equivalent in Mathematics AND any ONE Science/ ICT	
	A-Levels	Min. 2Cs and a Credit in Additional Mathematics at SPM level OR one Mathematics and one Science, Technology or Engineering or equivalent	
	UEC	5Bs including Additional Mathematics; OR a credit Mathematics AND one Science, Technology or Engineering; OR Grade B in Mathematics at UEC AND a credit in one of the Science, Technology or Engineering at SPM level/O Level or equivalent; OR Grade B in Mathematics AND one of the Science/ICT, Technology or Engineering at UEC	
	CPU	5 subjects passes with a minimum average of 50% and a Credit in Additional Mathematics at SPM Level OR; Mathematics AND one of the Science, Technology or Engineering or equivalent	
<b>Bachelor of Information Technology (Data Analytics) (Honours)</b>	Australia Matriculation (eg. SACE, AUSMAT, TEE, VCE, NSW)	ATAR 50 and a Credit in Additional Mathematics at SPM Level OR; Mathematics AND one of the Science, Technology or Engineering	
	Diploma in Computing fields (Level 4, MQF)	Min. CGPA 2.5 and a Credit in Additional Mathematics at SPM level OR one Mathematics and one Science, Technology or Engineering	
	Diploma Vokasional Malaysia (DVM) in Computing fields	Min. CGPA 2.5 subjected Academid Board Approval	

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, candidates will enroll and pass reinforcement Mathematics subject that equivalent to the SPM level which will be offered in the first semester or before enrolment with unconditional offer.

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 than the Additional Mathematics offered at an SPM level.

# CREDIT TRANSFER

## TO UNIVERSITIES IN AUSTRALIA, UNITED KINGDOM AND CHINA

### AUSTRALIA

#### The University of Queensland

- 2 years at HELP University (Diploma in Information Technology) + 1.5 years at The University of Queensland (Bachelor of Information Technology)
- 2 years at HELP University (Diploma in Information Technology) + 2 years at The University of Queensland (Bachelor of Computer Science)
- 2 years at HELP University (Bachelor of Information Technology (Honours)) + 1 year at The University of Queensland University (Bachelor of Information Technology)
- 2 years at HELP University (Bachelor of Information Technology (Honours)) + 1.5 years at The University of Queensland University (Bachelor of Computer Science)
- 2 years at HELP University (Bachelor of Information Technology (Honours)) + 2 years at The University of Queensland University (Bachelor of Information Technology (Software Design))
- 1 year at HELP University (Bachelor of Computer Science (Honours)) + 2 years at The University of Queensland University (Bachelor of Information Technology)
- 2 year at HELP University (Bachelor of Computer Science (Honours)) + 1 year at The University of Queensland University (Bachelor of Information Technology)
- 1 year at HELP University (Bachelor of Computer Science (Honours)) + 2 years at The University of Queensland University (Bachelor of Computer Science)
- 2 year at HELP University (Bachelor of Computer Science (Honours)) + 1 year at The University of Queensland University (Bachelor of Computer Science)

#### Macquarie University

- 2 years at HELP University (Diploma in Information Technology) + 2 years at Macquarie University (Bachelor of Information Technology (Cybersecurity))
- 2 years at HELP University (Diploma in Information Technology) + 2 years at Macquarie University (Bachelor of Information Technology (Data Science))
- 2 years at HELP University (Diploma in Information Technology) + 2 years at Macquarie University (Bachelor of Information Technology (Information Systems & Data Analytics))
- 2 years at HELP University (Diploma in Information Technology) + 2 years at Macquarie University (Bachelor of Information Technology (Software Technology))
- 2 years at HELP University (Diploma in Information Technology) + 2 years at Macquarie University (Bachelor of Information Technology)

Information Technology (Web & Mobile App Development)

- 2 years at HELP University (Diploma in Information Technology) + 2 years at Macquarie University (Bachelor of Cyber Security)
- 1.5 years at HELP University (Bachelor of Information Technology (Honours)) + 1.5 years at Macquarie University (Bachelor of Information Technology (Cybersecurity) / (Data Science) / (Information Systems & Business Analysis) / (Software Technology) / (Web & Mobile App Development))

#### Western Sydney University

- 1 year at HELP University (Bachelor of Information Technology (Honours)) + 2 years at Western Sydney University (Bachelor of Data Analytics)

#### The University of Adelaide

- 2 years at HELP University (Diploma in Information Technology) + 2 years at The University of Adelaide (Bachelor of Information Technology) / (Bachelor of Computer Science)
- 1 year at HELP University (Bachelor of Information Technology (Honours)) + 2 years at Adelaide University (Bachelor of Information Technology)
- 1 year at HELP University (Bachelor of Information Technology (Honours)) + 2.5 years at Adelaide University (Bachelor of Computer Science)

### UNITED KINGDOM

#### University of Essex

- 2 years at HELP University (Diploma in Information Technology) + 1 year at University of Essex (Bachelor Sc Computer Science) / (BEng Computer Networks) / (BEng Computers with Electronics) / (BEng Computers Systems Engineering)
- 1 year at HELP University (Bachelor of Information Technology (Honours)) + 2 years at University Essex (BSc Computer Games) / (BSc Computer Science) / (BSc Computer Science Networks) / (BEng Computer with Electronics) / (BEng Computer Systems Engineering)

#### University of The West England, Bristol

- 2 years at HELP University (Diploma in Information Technology) + 2 years at University of the West of England (BSc (Honours) Software Engineering for Business / BSc (Honours) Business Computing / BSc (Honours) IT Management for Business)

#### Plymouth University

- 2 years at HELP University (Diploma in Information Technology) + 2 years at Plymouth University (BSc (Hons) Computer Science/second year) / (BSc (Hons) Computer Science (AI)/second year) / (BSc (Hons)

Computer Science (Cybersecurity)/second year) / (BSc (Hons) Computer Science (Games Development)/second year) / BSc (Hons) Computer Science (Software Engineering)/second year)

- 1 year at HELP University (Bachelor of Information Technology (Honours)) + 2 years at Plymouth University (BSc (Hons) Computer Science/second year) / (BSc (Hons) Computer Science (AI)/second year) / (BSc (Hons) Computer Science (AI)/second year) / (BSc (Hons) Computer Science (Cybersecurity)/second year) / (BSc (Hons) Computer Science (Games Development)/second year) / BSc (Hons) Computer Science (Software Engineering)/second year)
- 2 years at HELP University (Bachelor of Information Technology (Honours)) + 1 year at Plymouth University (BSc (Hons) Computer Science/final year) / (BSc (Hons) Computer Science (Software Engineering)/final year)
- 1 year at HELP University (Bachelor of Computer Science (Honours)) + 2 years at Plymouth University (BSc (Hons) Computer Science/second year) / (BSc (Hons) Computer Science (AI)/second year) / (BSc (Hons) Computer Science (Cybersecurity)/second year) / (BSc (Hons) Computer Science (Games Development)/second year) / (BSc (Hons) Computer Science (Software Engineering)/second year)
- 2 years at HELP University (Bachelor of Computer Science (Honours)) + 1 year at Plymouth University (BSc (Hons) Computer Science/final year) / (BSc (Hons) Computer Science (AI)/final year) / (BSc (Hons) Computer Science (Cybersecurity)/final year)

#### Swansea University

- 1 year at HELP University (Bachelor of Information Technology (Honours)) + 2 years at Swansea University (BSc Computer Science)
- 1 year at HELP University (Bachelor of Information Technology (Data Analytics)) (Honours) + 2 years at Swansea University (BSc Computer Science)

### CHINA

#### Beijing JiaoTong University

- 2 years at HELP University (Diploma in Information Technology) + 2 years at Beijing Jiaotong University (Bachelor of Software Engineering)
- 1.5 years at HELP University (Bachelor of Information Technology (Honours)) + 2 years at Beijing Jiaotong University (Bachelor of Software Engineering)
- 2 years at HELP University (Bachelor of Information Technology (Honours)) + 1 year at Beijing Jiaotong University (Bachelor of Engineering in Computer Science & Technology)

# EXCLUSIVE CREDIT TRANSFER WITH THE UNIVERSITY OF QUEENSLAND



The Bachelor of Information Technology (Honours) and Bachelor of Computer Science (Honours) degrees are offered through a special credit transfer arrangement with the prestigious University of Queensland in Australia. These programmes provide a strong central core of compulsory study in computer science and related, in-demand areas.

- 2 years at HELP University (Diploma in Information Technology) + 1.5 years at The University of Queensland (Bachelor of Information Technology)
- 2 years at HELP University (Diploma in Information Technology) + 2 years at The University of Queensland (Bachelor of Computer Science)
- 2 years at HELP University (Bachelor of Information Technology (Honours) + 1 year at The University of Queensland University (Bachelor of Information Technology)
- 2 years at HELP University (Bachelor of Information Technology (Honours) + 1.5 years at The University of Queensland University (Bachelor of Computer Science)

- 2 years at HELP University (Bachelor of Information Technology (Honours) + 2 years at The University of Queensland University (Bachelor of Information Technology (Software Design))
- 1 year at HELP University (Bachelor of Computer Science (Honours)) + 2 years at The University of Queensland University (Bachelor of Information Technology)
- 2 year at HELP University (Bachelor of Computer Science (Honours)) + 1 year at The University of Queensland University (Bachelor of Information Technology)
- 1 year at HELP University (Bachelor of Computer Science (Honours)) + 2 years at The University of Queensland University (Bachelor of Computer Science)
- 2 year at HELP University (Bachelor of Computer Science (Honours)) + 1 year at The University of Queensland University (Bachelor of Computer Science)

As an external examiner for HELP University for 18 years, I've consistently been impressed by the dedication of the IT Department staff.

Their standards align with those of The University of Queensland, and HELP students transferring to UQ are top-notch scholars.



**Paul Bailes**  
BSc (Honours), PhD FACS FIEAust,  
Emeritus Professor of Computer  
Science  
The University of Queensland

## EXPERIENCE YOUR DEGREE IN CHINA'S SILICON VALLEY



Beijing Jiaotong University (BJTU) is a celebrated national research institution with a 117-year history, recognised as one of China's top "211 Project" universities. Emphasising global education, BJTU boasts a huge network of successful graduates and welcomes thousands of students.

The university is ideally situated in Beijing's Haidian District, a hub known as China's home of higher

education, located just north of Zhongguancun. Spanning over 73 acres, BJTU offers amazing facilities in a vibrant environment, making it an ideal place to complete your studies.

Through our special pathway, you'll spend 2 years at HELP University in the Diploma of Information Technology, followed by 2 years at BJTU to earn your Bachelor of Engineering (Honours) in Computer Science and Technology.

# MASTER IN ARTIFICIAL INTELLIGENCE

(N/0613/7/0071) (02/31) (MQA/PA18874)

## MASTER IN ARTIFICIAL INTELLIGENCE

(OPEN &amp; DISTANCE LEARNING - ODL) (N-DL/0613/7/0057) (07/30) (MQA/PA18347)

Designed to transform ambitious professionals into in-demand AI experts, this programme explores the dynamic world of artificial intelligence, equipping students to harness data, drive innovation, and lead in the rapidly evolving AI landscape.

### INTAKES

Modular (Every month)

### PROGRAMME DURATION:

8 modules, 15-week semesters, minimum 1 year and maximum of 3 years (fulltime) and minimum 2 years and maximum 5 years (part-time)

Upon completion, graduates of the programme will be:

**Expert AI architects:** Master advanced methodologies to design, develop and deploy innovative solutions.

**Effective AI leaders:** Possess the leadership and communication prowess to articulate complex ideas.

**Lifelong AI professionals:** Cultivate a proactive mindset for

continuous learning, ethical practice and sustained career success in AI fields.

### CORE COURSES

- Applied Programming
- Data Management
- Deep Learning for Computer Vision
- Applied Machine Learning
- Research Methodology
- Project Report

### ELECTIVE (Choose 1)

- Applied Statistics
- Natural Language Processing

### ELECTIVE (Choose 1)

- Network Security and Cryptography
- Ethics and Cybersecurity



Scan here to discover more about ELM Graduate School

# MASTER OF DATA SCIENCE

(R/0613/7/0045) (07/30) (MQA/FA13820)

Designed to meet the huge demand for professionals who can use data to drive success, this programme produces experts in applying analytics techniques to reach organisational goals.

### INTAKES

January, April, July, October

### PROGRAMME DURATION:

1 Year

By the end of this programme, students will be able to:

**Solve problems:** Apply quantitative modelling and data analysis techniques to solve business challenges.

**Communicate clearly:** Present and communicate findings using data visualisation techniques.

**Master statistics:** Demonstrate knowledge of statistical analysis for smart decision-making.

**Use cutting-edge tools:** Employ the latest tools and technologies to analyse Big Data.

**Build intelligence:** Apply advanced algorithms to build machine intelligence.

**Lead teams:** Demonstrate strong teamwork, leadership and confident decision-making abilities.

### ACADEMIC MODULES

- Programming for Data Science
- Data Management
- Statistics for Data Science
- Applied machine learning
- Research methods
- Dissertation

# MASTER IN CYBERSECURITY

(OPEN &amp; DISTANCE LEARNING - ODL) (N-DL/0613/7/0056) (07/30) (MQA/PA18340)

This programme shapes highly skilled cybersecurity professionals, preparing them to meet the growing demands of the industry. Graduates gain the expertise to protect critical data, ensuring organisations operate securely and confidently in an increasingly digital world.

### INTAKES

Modular (Every month)

### PROGRAMME DURATION:

8 modules, 15-week semesters, minimum 1 year and maximum of 3 years (fulltime) and minimum 2 years and maximum 5 years (part-time)

This Master's degree is structured to equip students with:

**Core expertise:** Gain comprehensive knowledge of essential cybersecurity principles and technologies.

**Technical mastery:** Develop technical skills in threat analysis, incident response and risk management.

**Critical thinking:** Foster critical and analytical thinking to solve complex security challenges.

**Ethical leadership:** Instil a strong foundation in ethics and understanding of legal and regulatory aspects.

**Practical experience:** Acquire hands-on skills through intensive case studies, simulations and real-world projects.

**Innovation:** Inspire groundbreaking research and innovation to advance in the field.

### CORE COURSES

- Cybersecurity Fundamentals
- Research Methodology

- Network Security and Cryptography
- Ethical Hacking and Penetration Testing
- Advance Digital Forensics
- Project Report

### ELECTIVE (Choose 1)

- Applied Programming
- Data Management

### ELECTIVE (Choose 1)

- Applied Statistics
- Advanced Machine Learning

# DOCTOR OF PHILOSOPHY (COMPUTING)

(OPEN &amp; DISTANCE LEARNING - ODL) (N-DL/0610/8/0007) (07/32) (MQA/PA18346)

This programme is designed to cultivate world-class researchers and thought leaders, who push the boundaries of computing knowledge, drive breakthrough discoveries and pioneer solutions to society's complex challenges.

### INTAKES

Rolling admission (throughout the year)

### PROGRAMME DURATION:

**Full-time:** minimum of 3 years and maximum of 5 years.

**Part-time:** minimum of 4 years and maximum of 8 years.

Completing the programme will make graduates:

**Distinguished researchers:** Master the ability to conduct independent, original research contributing new knowledge to computing.

**Innovative experts:** Possess the intellectual depth and

technical excellence to tackle multidisciplinary challenges through novel interdisciplinary and computational approaches.

**Academic contributors:** Exhibit leadership and mentorship capabilities to disseminate research findings, secure funding and drive innovation in academia and industry.

### CORE COURSES

- Research Methodology
- Thesis

Assessments are in terms of assignments, report/thesis and presentations/viva voce. There will be regular progress monitoring to ensure that learners progress well in their research.

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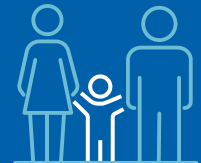
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