COMPUTING

- Prospectus -
2022

SUNWAY UNIVERSITY
A CLASS ABOVE

CONTENTS

SUNWAY IS ONE OF THE TOP 150 UNIVERSITIES IN THE WORLD UNDER 50 YEARS OLD

Sunway University is a leading not-for profit private university committed to the pursuit of educational excellence through scholarship, research and enterprise.

The University is ranked among the top 750 universities in the world according to the QS World University Rankings 2021 and is ranked among the top 18% in the QS Asia University Rankings 2022. It has a 5-Star institutional rating in the QS Stars University Ratings in its latest assessment, demonstrating excellence in the individual categories of "Teaching", "Employability", "Facilities", "Inclusiveness" and "Social Responsibility".

The University also enjoys the 5-Star "Excellent" rating in the National SETARA quality assessment, a rating that has been consistently maintained since 2009.

All these accolades bear testament to Sunway's resolve in ensuring high quality teaching, research and service excellence.

JEFFREY SACHS CENTER on Sustainable Development
SUNWAY UNIVERSITY, Malaysia

United Nations chosen destination for Sustainable Development Goals in Asia

RANKED 2022
QS WORLD UNIVERSITY RANKINGS

TEACHING
EMPLOYABILITY
FACILITIES
INCLUSIVENESS
SOCIAL RESPONSIBILITY

QS STARS™
RATING SYSTEM

CONTACT:

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SunwayUniversity   @SunwayU

INTRODUCTION

Computing is very much an integral part of our lives in the 21st century. Mobile wizardry in the form of wearables make up a major part of the Internet of Things, which was designed to make life easy for all of us. In using products of computing, you will be able to process, manage and store information better, faster and more efficiently. Computing enables scientific studies or artificially intelligent behaviours to automate and simulate various aspects of humanity.

Generally, computing includes the design, development and implementation of software and hardware systems. To become a computing professional, one should pursue a bachelor's degree in one of the computing disciplines as defined by professional or accreditation bodies; for example, computer science, information technology, information systems and software engineering. Each discipline will have similarities in terms of common fundamentals and technology, but also distinctive focus in respective areas.

Career prospects of computing graduates are very broad. Not only can they work in computing-related industries but they can also thrive in other industries that rely on computing. This is because computing graduates are systematically trained to solve problems using computers regardless of industry.

In 2017, Sunway University was selected as one of the eight Premier Digital Technology Universities by the Malaysia Digital Economy Corporation (MDEC) and Higher Education Ministry. The university is recognised for its qualifications and commitment in offering top-notch digital technology degree programmes and generations of highly-skilled graduates for the industry.

Startup Foundry is the first university elective course where students get to build their business ideas, while earning academic credits, with a line-up of successful industry speakers that will help develop the students' entrepreneurial mindset. They will be connected to the vast resources of Sunway Group and utilise Sunway City Kuala Lumpur as a "living laboratory", where successful startups will be connected to the iLabs Accelerator Programme that will prepare them to scale. Students also get a chance to attend an exclusive semester-long programme at UC Berkeley (US), where they will learn from seasoned entrepreneurs who have built startups in Silicon Valley, the global centre for technology & innovation.

DISTINCTIVE SUNWAY EXPERIENCE

FACILITIES:
- CSI lab (Cybersecurity Intelligence Lab)
- HOME Lab
- Computer Labs
- Virtual Labs
- Library
- Makerspace

RESEARCH AND DEVELOPMENT ON
- Artificial Intelligence
- Cybersecurity
- Computer Vision
- Assistive technology for the blind
- Sentiment Analysis and Social Media
- Internet of Things
- Remote Monitoring Systems
- Odour & Distributed Haptic Applications
- Robotic Applications
- Next Generation Networks
- Mobile & Web Development

COLLABORATIONS WITH INDUSTRY PARTNERS:

SAS · Alibaba Business School · Global Digital Talent · aws academy

Iverson · Cisco Networking Academy · Sutardja Center for Entrepreneurship & Technology · EC-Council

VALIDATED BY:

Lancaster University

RECOGNITIONS FROM INDUSTRY PARTNERS

Premier Digital Tech Institution™

FIELDS IN COMPUTING

SPM / O-LEVEL

PRE-UNIVERSITY
- Foundation in Arts (FIA)
- Foundation in Science & Technology (FIST)
- Australian Matriculation (AusMat)
- Cambridge GCE A-Level
- Canadian International Matriculation Programme (CIMP)
- Monash University Foundation Year (MUFY)

STPM or equivalent

1/1.5 years

SUNWAY DIPLOMA
- Diploma in Information Technology
- Diploma in Computer Science [Pathway to Bachelor of Information Systems (Hons) (Data Analytics)]

2 years

AMERICAN DEGREE TRANSFER PROGRAM

2 years

US / CANADIAN UNIVERSITIES

2 years

BSC (HONS) INFORMATION TECHNOLOGY

PLAN, IMPLEMENT, CONFIGURE, MAINTAIN & MANAGE AN ORGANISATION'S COMPUTING INFRASTRUCTURE

- Network Management
- Project Management
- Enterprise Application Development
- Web Programming

Certified Tester Foundation Level (CTFL)
& Certified Professional in Requirements
Engineering Foundation Level (CPRE-FL)

BACHELOR OF SOFTWARE ENGINEERING (HONS)

TURN IDEAS INTO SOFTWARES THROUGH PROGRAMMING AND DEVELOPMENT OF INTERNET APPLICATIONS AND MOBILE APPS

- Requirement Engineering
- Software Architecture and Design Patterns
- Software Management
- Software Testing
- Software Evolution & Maintenance

BACHELOR OF INFORMATION SYSTEMS (HONS) (DATA ANALYTICS)

BIG DATA, THE NEXT BIG THING!

- Data Mining and Knowledge Discovery
- Social Media Analytics
- Business Intelligence
- Big Data Analytics in the Cloud

BSC (HONS) IN COMPUTER SCIENCE

MORE THAN JUST CODING

- Artificial Intelligence
- Computer Architectural
- Data Structure
- Algorithmic Processes
- Database Engineering

BSC (HONS) INFORMATION TECHNOLOGY (COMPUTER NETWORKING & SECURITY)

COMBAT THREATS IN RAPIDLY CHANGING ORGANISATIONS

- Penetration Testing
- Digital Forensics Investigation
- Computer Networking
- Network Engineering

Lancaster University

aws academy

Students from the August intake of **BSc (Hons) in Computer Science** can opt to study at Lancaster University for the 2nd year of their degree.

For more information, please email jadet@sunway.edu.my

ENTRY REQUIREMENTS

PROGRAMME	ENTRY REQUIREMENTS	SPECIFIC REQUIREMENTS	ENGLISH REQUIREMENTS
BSC (HONS) IN COMPUTER SCIENCE	**STPM** Average C+ or CGPA 2.33 (minimum 2 principals) **A-Level** Minimum 12 points (Minimum Grade D in at least 2 subjects)	Credit in Additional Mathematics at SPM B in Advanced Mathematics in UEC or its equivalent*	**IELTS or equivalent** 6.0 **MUET** Band 4 **SPM English** B3 or B+ **UEC English** B4 **O-Level English** Credit
BACHELOR OF SOFTWARE ENGINEERING (HONS)	**Australian Matriculation** ATAR 60 **Canadian International Matriculation Programme** 60% **MUFY** 60%		
BACHELOR OF INFORMATION SYSTEMS (HONS) (DATA ANALYTICS)	**Sunway Foundation in Arts** CGPA 2.3 **Sunway Foundation in Science & Technology** CGPA 2.3	Credit in Mathematics at SPM B in Mathematics in UEC or its equivalent	**Sunway Intensive English Programme (IEP)** Pass Level 4 with minimum 65% **ESL/English** Satisfactory level in Pre-University programmes, where the medium of instruction is English
BSC (HONS) INFORMATION TECHNOLOGY	**UEC** Maximum 26 points from 5 subjects (all grade Bs) **IB Diploma** Completed with minimum 25 points (excluding bonus points)		
BSC (HONS) INFORMATION TECHNOLOGY (COMPUTER NETWORKING AND SECURITY)	**Sunway Diploma** CGPA 2.50 or equivalent **Other Qualifications**: Any other qualifications will be considered on a case-to-case basis		

Note: For A-Level points calculation
A = 10 points   B = 8 points   C = 6 points   D = 4 points   E = 2 points

* Additional Mathematics equivalent for:
 • BSc (Hons) in Computer Science
 • Bachelor of Software Engineering (Hons)

Note: Graduates from Foundation / Matriculation programmes without a credit in Additional Mathematics at SPM level or equivalent will need to enrol and pass a Mathematics Enhancement subject offered by the programme. They should have obtained a credit in Mathematics and one subject from either Science, Technology, or Engineering discipline at SPM level or equivalent.

The above requirements can be excluded if the Foundation / Matriculation programmes offered a Mathematics subject and the achievements are equivalent / higher than a requirement of a credit in Additional Mathematics at SPM level or equivalent.

INTAKES
JANUARY • MARCH • AUGUST

DURATION
3 YEARS

BSC (HONS) IN COMPUTER SCIENCE

PROGRAMME INTRODUCTION

The Sunway University BSc (Hons) in Computer Science programme was designed to produce innovators and creators of new computing systems as well as designing and developing various types of software such as systems infrastructure or application technologies. The programme is developed in accordance to ACM-IEEE(CS) and MQA recommendations, while offering a comprehensive syllabus that enables graduates to thrive in the working world and be leaders in their own niches.

VALIDATED BY:

Lancaster University

CAREER PROSPECTS

- Chief technology officer
- Game developer
- Mobile app developer
- Software architect/ software engineer
- System designer

DISTINCTIVE SUNWAY EXPERIENCE

Students are exposed to latest Cloud technologies and principles so that they can be equipped with the fundamentals of Cloud computing via our industry partners such as AWS.

aws academy

PROGRAMME STRUCTURE - Subjects

Year 1

- Database Fundamentals
- Programming Principles
- Object-Oriented Programming Fundamentals
- Computer Mathematics
- Computer Organisation
- English for Computer Technology Studies
- Web Fundamentals
- Networking Principles

Non-Computing Electives I (choose 1)
- Introduction to Statistics
- Principles and Practice of Management

Year 2

- Data Structures & Algorithms
- Human Computer Interaction
- Software Engineering
- Object-Oriented Programming
- Digital Image Processing
- Operating System Fundamentals
- Communication Skills
- Social & Professional Responsibilities
- Computing Electives I & II
- Non-Computing Elective II
- Computer Networks

Year 3

- Distributed Systems
- Artificial Intelligence
- Internship
- Capstone Project 1 & 2
- Computing Electives III & IV
- Non-Computing Elective III

Computing Electives

Year 2
- Data Communication
- Concurrent Programming
- Functional Programming Principles
- Database Management Systems
- Web and Network Analytics
- Data Mining and Knowledge Discovery Fundamentals

Year 3
- Software Architecture & Design Patterns
- Computer Security
- Computer Vision
- Computational Intelligence
- Programming Languages
- UI/UX Design and Development
- Database Engineering

Non-Computing Electives

Year 2 & 3
- Introduction to Psychology
- Principles of Marketing
- Principles of Entrepreneurship
- Digital Economy
- Startup Foundry

ADDITIONAL MOHE COMPULSORY GENERAL STUDIES SUBJECTS

For Local students:
- Appreciation of Ethics and Civilisation
- Philosophy and Current Issues
- Community Service
- Bahasa Kebangsaan A (applicable to students who did not sit for SPM or did not obtain a Credit in SPM Bahasa Melayu)

For International students:
- Malay Language for Communication 2
- Appreciation of Ethics and Civilisation
- Community Service

BACHELOR OF SOFTWARE ENGINEERING (HONS)

PROGRAMME INTRODUCTION

The Bachelor of Software Engineering (Hons) empowers students with the knowledge and understanding of user requirements in analysing, modelling, designing, and developing large-scale software systems that are reliable and robust. Such Software Engineering (SE) specialists will be able to respond to the ever-growing impact of large-scale software systems in a wide range of situations. Furthermore, their training will enable them to select the most appropriate and reliable techniques for producing quality software systems on time and within budget.

VALIDATED BY:

Lancaster University

CAREER PROSPECTS

- Enterprise distributed application developer
- Game developer
- IT analyst
- Mobile app developer
- Requirement engineer
- Software architect
- Software engineer
- Software quality assurance officer
- Software tester
- System designer

DISTINCTIVE SUNWAY EXPERIENCE

Together with Malaysian Software Testing Board (MSTB), who is a member of International Software Testing Quality Board (ISTQB) and through their partnership with International Requirements Engineering Board (IREB), our students have the opportunity to obtain up to two professional certificates known as Certified Tester Foundation Level (CTFL) and Certified Professional in Requirements Engineering-Foundation Level (CPRE-FL) during their study. These industry-linked certificates will be an added advantage for our graduates, making them highly employable.

PROGRAMME STRUCTURE - Subjects

Year 1

- Database Fundamentals
- Programming Principles
- Object-Oriented Programming Fundamentals
- Computer Mathematics
- Computer Organisation
- English for Computer Technology Studies
- Web Fundamentals
- Networking Principles

Non-Computing Electives I (choose 1)

- Introduction to Statistics
- Principles and Practice of Management

Year 2

- Data Structures and Algorithms
- Software Engineering
- Object-Oriented Programming
- Communication Skills
- Operating System Fundamentals
- Human Computer Interaction
- Social and Professional Responsibilities
- Requirement Engineering
- Computing Electives I & II
- Non-Computing Elective II

Year 3

- Software Processes
- Computer Security
- Software Architecture and Design Patterns
- Software Management
- Software Testing
- Software Evolution and Maintenance
- Internship
- Capstone Project 1 & 2
- Computing Elective III
- Non-Computing Elective III

Computing Electives

Year 2
- Database Management Systems
- Web Programming
- Mobile Application Development
- Computer Networks

Year 3
- Code Camp
- Artificial Intelligence
- Distributed Systems
- Database Engineering

Non-Computing Electives

Year 2 & 3
- Principles of Marketing
- Introduction to Psychology
- Principles of Entrepreneurship
- Digital Economy
- Startup Foundry

ADDITIONAL MOHE COMPULSORY GENERAL STUDIES SUBJECTS

For Local students:
- Appreciation of Ethics and Civilisation
- Philosophy and Current Issues
- Community Service
- Bahasa Kebangsaan A (applicable to students who did not sit for SPM or did not obtain a Credit in SPM Bahasa Melayu)

For International students:
- Malay Language for Communication 2
- Appreciation of Ethics and Civilisation
- Community Service

BACHELOR OF INFORMATION SYSTEMS (HONS) (DATA ANALYTICS)

PROGRAMME INTRODUCTION

Bachelor of Information Systems (Hons) (Data Analytics) programme focuses on the development of analytical skills in the study of technologies. Harnessing and analysing massive data creates significant value for organisations and it has become the basis for decision-making to achieve greater efficiency while spearheading constant innovation. During their studies, students will solve practical and real-world problems of companies utilising data sets in the presence of analytics experts.

VALIDATED BY:

Lancaster University

CAREER PROSPECTS

- Big data system architect
- Business intelligence manager/specialist/architecture/consultant
- Chief data scientist
- Chief knowledge analyst
- Chief social media scientist
- Credit scorecard specialist
- Customer segmentation specialists
- Forensic experts

DISTINCTIVE SUNWAY EXPERIENCE

The students will be awarded a SAS Joint Certificate in Big Data with Advanced Techniques in Data Science and an academic digital badge to validate their knowledge. Students can share their Academic Digital Badge in email signatures, digital resumes and social media. The Python and R languages and the SAS tools are taught in the programme. Other than that, collaboration with AWS, Cloudera and Alibaba Get enables their syllabus embedded in the programme to enhance the overall degree and to provide students a 360 degree view of analytics knowledge and skills.

PROGRAMME STRUCTURE - Subjects

Year 1

- English for Computer Technology Studies
- Information Systems Concepts
- Programming Principles
- Introduction to Statistics
- Database Fundamentals
- Linear Algebra and Applications
- Networking Principles
- Data Mining and Knowledge Discovery Fundamentals

Non-Computing Electives I (choose 1)

- Principles of Marketing
- Principles and Practice of Management

Year 2

- Analytics Engineering
- Database Management Systems
- Information Systems Analysis and Design
- Applied Statistics
- Social and Professional Responsibilities
- Social Media Analytics
- Web and Network Analytics
- Enterprise Architecture
- E-Commerce
- Communication Skills
- Non-Computing Elective II

Year 3

- Business Intelligence Systems
- Big Data Analytics in the Cloud
- Data Mining and Knowledge Discovery
- Knowledge Management
- Non-Computing Elective III
- Project Management
- Capstone Project 1 & 2
- Internship
- Advanced Business Analytics
- IS Management and Strategy

Non-Computing Electives
Year 2 & 3

- Introduction to Psychology
- Principles of Entrepreneurship
- Accounting for Decision Making
- Digital Economy
- Startup Foundry

ADDITIONAL MOHE COMPULSORY GENERAL STUDIES SUBJECTS

For Local students:

- Appreciation of Ethics and Civilisation
- Philosophy and Current Issues
- Community Service
- Bahasa Kebangsaan A (applicable to students who did not sit for SPM or did not obtain a Credit in SPM Bahasa Melayu)

For International students:

- Malay Language for Communication 2
- Appreciation of Ethics and Civilisation
- Community Service

BSC (HONS) INFORMATION TECHNOLOGY

PROGRAMME INTRODUCTION

The BSc (Hons) Information Technology programme was designed to provide our graduates with strong analytical skills and the knowledge to keep abreast with the rapid advances in technology. Students undertaking this programme are exposed to both technical and real-world practical experiences through the specially-crafted coursework and industrial training, making our graduates market-ready upon graduation. During their study, students may select electives to explore and enhance their knowledge in specific fields such as network management and security, database engineering and mobile development.

VALIDATED BY:

Lancaster University

CAREER PROSPECTS

- Database architect
- IT specialist
- Network specialist
- System engineer
- Web/E-commerce architect

DISTINCTIVE SUNWAY EXPERIENCE

This programme will give the students a good mix of knowledge in both software and hardware. With the knowledge from both sides, the students will be equipped with the skills required to develop an oragnisation's technology infrastructure and support the people who use it. Together with Salesforce, course completion certificate will be awarded to students who have completed Customer Relationship Management (CRM) and CRM Application Development. The students can then sit for the professional examinations and obtain up to two professional certificates known as Salesforce Certified Administrator and Salesforce Certified Platform App Builder. Students are exposed to latest Cloud technologies and principles so that they can be equipped with the fundamentals of Cloud computing via our industry partners such as AWS.

aws academy

PROGRAMME STRUCTURE - Subjects

Year 1

- Database Fundamentals
- Programming Principles
- Object-Oriented Programming Fundamentals
- Computer Mathematics
- Computer Organisation
- English for Computer Technology Studies
- Web Fundamentals
- Networking Principles

Non-Computing Electives (choose 2)
- Introduction to Statistics
- Principles and Practice of Management

Year 2

- Data Structures & Algorithms
- Operating System Fundamentals
- Human-Computer Interaction
- Computer Networks
- Object-Oriented Programming
- Web Programming
- Communication Skills
- Social & Professional Responsibilities
- Computing Electives I & II
- Non-Computing Elective II

Year 3

- Computer Security
- Network Management
- Project Management
- Capstone Project 1 & 2
- Computing Electives III & IV
- Non-Computing Elective III
- Internship

Computing Electives
Year 2
- Data Communications
- Software Engineering
- Network & System Administration
- Mobile Application Development
- Database Management Systems
- Enterprise Application Development

Year 3
- Multimedia Networking
- Mobile Computing
- Network Security
- Advanced Computer Networks
- CRM Application Development
- Database Engineering
- Distributed Systems
- UI/UX Design & Development
- Customer Relationship Management

Non-Computing Electives
Year 2 and Year 3
- Introduction to Psychology
- Principles of Marketing
- Principles of Entrepreneurship
- Probability and Statistics
- Digital Economy
- Startup Foundry

ADDITIONAL MOHE COMPULSORY GENERAL STUDIES SUBJECTS

For Local students:
- Appreciation of Ethics and Civilisation
- Philosophy and Current Issues
- Community Service
- Bahasa Kebangsaan A (applicable to students who did not sit for SPM or did not obtain a Credit in SPM Bahasa Melayu)

For International students:
- Malay Language for Communication 2
- Appreciation of Ethics and Civilisation
- Community Service

BSC (HONS) INFORMATION TECHNOLOGY (COMPUTER NETWORKING AND SECURITY)

PROGRAMME INTRODUCTION

The BSc (Hons) Information Technology (Computer Networking and Security) programme aims to equip students with technical competencies in exploring the technology behind computer networks and security systems.

This programme focuses on networking developments and distributed applications within the Internet, corporate networks and the information systems in which they interconnect. In terms of computer security, students will gain the ability to manage and develop computer systems and applications that enhance networking and security within organisations.

VALIDATED BY:

Lancaster University

CAREER PROSPECTS

- IT security consultant
- Digital forensic investigator
- Network engineer
- Network infrastructure specialist
- Security engineer
- Security analyst
- Penetration tester
- Ethical hacker

DISTINCTIVE SUNWAY EXPERIENCE

Students in this programme will experience the latest techniques in IT security and developing critical threat-hunting expertise, developed in collaboration with one of the world's leading cybersecurity organisation, RSA. Together with EC-Council from the USA, our students have the chance to obtain up to two professional certificates during their studies. Students may also choose to attend CCNA professional examination.

RSA · **Iverson** · **CEHv11** Certified Ethical Hacker · **CHFI** Computer Hacking Forensic Investigator · **EC-Council** · **CISCO Networking Academy**

PROGRAMME STRUCTURE - Subjects

Year 1
- Database Fundamentals
- Programming Principles
- Object-Oriented Programming Fundamentals
- Computer Mathematics
- Computer Organisation
- English for Computer Technology Studies
- Web Fundamentals
- Networking Principles

Non-Computing Electives I (choose 1)
- Introduction to Statistics
- Principles and Practice of Management

Year 2
- Network & System Administration
- Computer Networks
- Operating System Fundamentals
- Social & Professional Responsibilities
- Data Communications
- Network Security
- Communication Skills
- Field Electives I

Non-Computing Electives (choose 2)
- Principles of Entrepreneurship
- Principles of Marketing
- Introduction to Psychology
- Digital Economy
- Startup Foundry

Year 3
- Internship
- Probablity & Statistics
- Capstone Project 1 & 2
- Network Management
- Computer Ethical Hacking & Countermeasures (CEH)
- Advanced Computer Networks
- Field Electives II & III
- Computer Hacking Forensic Investigator (CHFI)

Field Electives
Year 2
- Distributed Systems
- Computer Security
- Data Structures & Algorithms

Year 3
- Microwave Communication
- Multimedia Networking
- Advanced Network Security
- Advanced Topics in Computer Security

ADDITIONAL MOHE COMPULSORY GENERAL STUDIES SUBJECTS

For Local students:
- Appreciation of Ethics and Civilisation
- Philosophy and Current Issues
- Community Service
- Bahasa Kebangsaan A (applicable to students who did not sit for SPM or did not obtain a Credit in SPM Bahasa Melayu)

For International students:
- Malay Language for Communication 2
- Appreciation of Ethics and Civilisation
- Community Service

JPT/BPP(U)(R/481/6/0619/FA4817)03/25

BRINGING YOU FURTHER

INTERNSHIP COMPANIES AND COMPANIES OUR GRADUATES WENT TO:

Accounting
- Deloitte SEA Services Sdn Bhd
- Ernst & Young
- KPMG
- Pricewaterhouse Coopers

Automotive
- Mercedes-Benz (M) Sdn Bhd

Business service
- Experian
- PINEXUS Sdn Bhd
- Priority Dynamics Sdn Bhd
- Roche Services (APAC) Sdn Bhd
- VADS Sdn Bhd

Banking
- CIMB Bank Bhd
- Hong Leong Bank Bhd
- Malayan Banking Berhad
- Public Bank Berhad
- UOB Bank

Construction
- Sunway Construction

Computer Software
- Acestar Sdn Bhd
- Apptivity Lab Sdn Bhd
- AS Networks (M) Sdn Bhd
- Ascentrio Sdn Bhd
- Cornet Research
- Fusionex Corp Sdn Bhd
- Juris Technologies Sdn Bhd
- Netiquette Software (M) Sdn Bhd
- Philip Solutions PLT
- PulseSync Sdn Bhd
- Quintiq Sdn Bhd
- SAS Institute Sdn Bhd
- Service Rocket

Computer Hardware
- Dell
- Hewlett-Packard
- Western Digital

Consumer Goods
- FOS Apparel Group Sdn Bhd
- Sherwin Williams Services (M) Sdn Bhd

E-commerce Service
- Global Ecommerce Trade Services Sdn Bhd
- iPay 88 Sdn Bhd
- Optima Innovation (M) Sdn Bhd

Farming
- IOI Corporation Sdn Bhd

Food and Beverage
- Sushi Kin Sdn Bhd

Human Resources
- People Quest Sdn Bhd

Information Technology
- Accenture
- ATX Online Sdn Bhd (Asia Tradex)
- BASS Sdn Bhd
- e2 Power Sdn Bhd (OCBC Bank)
- Ebizu Sdn Bhd
- Hilti Asia IT Services (HAITS)
- IBM Malaysia
- Mesiniaga Berhad
- Metacloud Sdn Bhd
- Quandatics Sdn Bhd
- Sunway Group IT Shared Services Centre

Web Design
- Bike Bear Sdn Bhd
- Just Simple (M) Sdn Bhd
- The Techy Hub Sdn Bhd

Marketing and Advertising
- Bean Search Expert Sdn Bhd
- IPG Media Brands Malaysia
- Moving Walls Sdn Bhd
- SearchGuru Sdn Bhd
- Threecube Interactive Sdn Bhd (C27)

Media/Entertainment
- Cinema Online Sdn Bhd

Publishing
- Penerbitan Pelangi Sdn Bhd

Media and Broadcast Solutions
- Grass Valley (M) Sdn Bhd

Research
- MIMOS Berhad
- Institute for Democracy and Economic Affairs (IDEAS)

Transportation/Logistics
- FM Global Logistics Sdn Bhd
- Commerceone Solution Sdn Bhd
- DHL Information Services
- FM Global Logistics Sdn Bhd
- Grab

Telecommunication
- Digi Telecommunications
- Huawei Technologies (M) Sdn Bhd
- Maxis Bhd
- Telekom Malaysia
- TIME dotcom Bhd
- Webe Digital

Theme Park
- Sunway Lagoon

Travel Agency
- Sunway Travel Sdn Bhd

Web Agency
- BLECT Solution

MOBILITY & STUDY ABROAD

PROGRAMME	MOBILITY OPTIONS*				
	Lancaster University			University of California, Berkeley Startup semester	Korean Summer/ Winter programme
	Summer Programme	Study abroad	1+2 articulation		
DURATION	3 weeks	1 year (during year 2)	2 years	1 semester	2 weeks
COMPUTER SCIENCE	✓	✓	✓	✓	✓
SOFTWARE ENGINEERING	✓	-	✓	-	✓
INFORMATION SYSTEMS (DATA ANALYTICS)	✓	-	-	✓	✓
INFORMATION TECHNOLOGY	✓	-	-	-	✓
COMPUTER NETWORKING & SECURITY	✓	-	-	-	✓

*Subject to international travel restrictions and pandemic situation in the host countries. Terms & conditions apply.

WHERE ARE OUR GRADUATES NOW?

CHEN KAH WENG
BSC (HONS) IN COMPUTER SCIENCE

Company:
Green Packet

Position:
Senior Associate,
Enterprise Solution

TAN TZE HONG
BACHELOR OF SOFTWARE ENGINEERING (HONS)

Company:
AIO Synergy Sdn Bhd

Position:
Android Developer

MARCUS LU XIAN-ZHENG
BSC (HONS) IN COMPUTER SCIENCE

Company:
Cognitive Consulting
Sdn Bhd

Position:
Robotics Process
Automation Developer

YEAP KHOR CHIN
BACHELOR OF SOFTWARE ENGINEERING (HONS)

Company:
Signature Market
Sdn Bhd

Position:
Junior Software
Developer

NGOH CHIN JOE
BSC (HONS) IN COMPUTER SCIENCE

Company:
Skubbs Sdn.Bhd

Position:
Wordpress Developer

JOANAVENE TAN QIE VEN
BSC (HONS) INFORMATION TECHNOLOGY (COMPUTER NETWORKING AND SECURITY)

Company:
Shopee (Singapore) Pte Ltd

Position:
Associate Product Manager
(Cyber Security Risk and
Compliance)

**NEVEEN HOSSAM
MOHAMED ELAFIFI**
**BSC (HONS) INFORMATION
SYSTEMS
(BUSINESS ANALYTICS)**
*now known as Bachelor of
Information Systems (Hons)
(Data Analytics)*

Company:
DELL EMC

Position:
Analyst, Business
Operations

NYOW NING XIN
**BSC (HONS) INFORMATION
TECHNOLOGY
(COMPUTER NETWORKING
AND SECURITY)**

Company:
Huawei Technologies (M)
Sdn Bhd

Position:
Transmission Engineer

ABIGAIL SUA JEE QIAN
**BSC (HONS) INFORMATION
SYSTEMS
(BUSINESS ANALYTICS)**
*now known as Bachelor of
Information Systems (Hons)
(Data Analytics)*

Company:
Shopee Malaysia

Position:
Data Analyst

CHOONG MOON ZHE
**BSC (HONS) INFORMATION
TECHNOLOGY**

Company:
KPMG Malaysia

Position:
Software Developer

LEE YI FEI
**BSC (HONS) INFORMATION
SYSTEMS
(BUSINESS ANALYTICS)**
*now known as Bachelor of
Information Systems (Hons)
(Data Analytics)*

Company:
PwC Malaysia

Position:
Associate Consultant

TAN JIA WEN
**BSC (HONS) INFORMATION
TECHNOLOGY**

Company:
Daikin (M) Sdn Bhd

Position:
IT Business Developer /
Platform Developer

SUNWAY UNIVERSITY

IN PARTNERSHIP WITH THE WORLD

UNIVERSITY OF CALIFORNIA, BERKELEY

HARVARD UNIVERSITY

MASSACHUSETTS INSTITUTE OF TECHNOLOGY

LANCASTER UNIVERSITY

UNIVERSITY OF OXFORD

UNIVERSITY OF CAMBRIDGE

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As part of our nation building ambitions, Sunway University has travelled the world seeking out the finest educational opportunities, bringing them closer to you.

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Whilst most universities have a campus, only Sunway University has a city. Experience a world-class education right here at Sunway City, Malaysia's model smart-sustainable city enabled by 5G.

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International collaborations with the world's most renowned institutions offer Malaysians world-class education at local prices, avoiding the expensive cost of overseas travel and unfavourable exchange rates.

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Currently pioneering research with the University of Cambridge to collaborate on ways to combat the Covid-19 pandemic in the Jeffrey Cheah Biomedical Centre at the University of Cambridge.

LEGACY

Located at Sunway City, Malaysia, Sunway University joins New York & Paris as one of the three United Nations Sustainable Development Solutions Network (SDSN) Centres in the world to coordinate continent-wide sustainable initiatives.

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