COMPUTING AND INFORMATION SYSTEMS
Undergraduate

YOUR 2019 BROCHURE
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 is 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.

Our computing degrees are validated by Lancaster University, one of the top universities in the UK and around the world.

Here is a list of Computing programmes on offer:

- BSc (Hons) in Computer Science
- BSc (Hons) Information Systems
- BSc (Hons) Information Systems (Business Analytics)
- Bachelor of Information Systems (Hons) in Mobile Computing with Entrepreneurship
- BSc (Hons) Information Technology
- BSc (Hons) Information Technology (Computer Networking and Security)
- Bachelor of Software Engineering (Hons)
PATHWAY

PhD in Computing

Master’s Degree in Computing

Bachelor’s Degree in Computing

Year 1 entry

Direct entry to 2nd year based on successful subject exemptions

STPM / A-Level / Australian Matriculation Programme / Canadian International Matriculation Programme / Monash University Foundation Year / UEC / Sunway Foundation in Arts / Sunway Foundation in Science and Technology or equivalent

Diploma in Information Technology

O-Levels / SPM
The Sunway University BSc (Hons) in Computer Science programme is 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.

This degree is validated by Lancaster University and upon the successful completion of the programme, graduates are awarded two certificates; one from Sunway University and another from Lancaster University.

Graduates of the BSc (Hons) in Computer Science can choose to enter the workforce after completion of the degree or undertake further studies at Sunway University subject to terms and conditions.
**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 any 1 in Year 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

**Computing Electives**
- Data Communication
- Concurrent Programming
- Functional Programming Principles
- Database Management Systems
- Social Media Analytics
- Data Mining and Knowledge Discovery Fundamentals

**Non-Computing Electives**
- Introduction to Psychology 1
- Principles of Marketing
- Principles of Entrepreneurship

**ADDITIONAL MOHE COMPELLSARY GENERAL STUDIES SUBJECTS**

For Local students:
- Islamic & Asian Civilisations
- Ethnic Relations
- 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
- Malaysian Studies 3
- Community Service

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*Correct at the time of printing.*
Graduates of the BSc (Hons) Information Systems can choose to enter the workforce after completion of the degree or undertake further studies at Sunway University, subject to terms and conditions.
PROGRAMME STRUCTURE -

Subjects

Year 1
- English for Computer Technology Studies
- Object-Oriented Programming Fundamentals
- Networking Principles
- Principles & Practice of Management
- Programming Principles

- Web Fundamentals
- Introduction to Statistics
- Information Systems Concepts
- Database Fundamentals

Year 2
- Electronic Commerce
- Information Systems Analysis & Design
- Social & Professional Responsibilities
- Database Management Systems
- Applied Statistics

- Communication Skills
- Streaming Electives I & II
- Information Systems Electives I
- Free Elective (Non-Computing)

Year 3
- Project Management
- Knowledge Management
- Customer Relationship Management
- Capstone Project 1 & 2

- Enterprise Resource Planning
- Streaming Electives III & IV
- Information Systems Electives II
- Internship

Information Systems Electives
- Analytics Engineering
- Change Management
- CRM Application Development
- Global IT Sourcing Management
- Enterprise Risk Management
- E-Business Security
- Electronic Commerce Development
- Data Mining and Knowledge Discovery Fundamentals

Technology Stream Electives
- Business Intelligence Systems
- Computer Organisation
- Data Mining and Knowledge Discovery
- Data Structures & Algorithms
- Database Engineering
- Human-Computer Interaction
- Mobile Computing
- Multimedia Networking
- Network Management
- Network Security
- Object-Oriented Programming
- Operating Systems Fundamentals
- Software Engineering
- Web Programming

Business Stream Electives
- Consumer Behaviour
- Financial Management
- Human Resource Management
- Marketing Management
- Operations Management
- Principles of Business Finance
- Principles of Marketing
- Scientific Ideas and Innovations
- Technology Management

Free Elective (Non-Computing)
- Introduction to Psychology I
- Accounting for Decision Making

ADDITIONAL MOHE COMPULSORY GENERAL STUDIES SUBJECTS

For Local students:
- Islamic & Asian Civilisations
- Ethnic Relations
- 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
- Malaysian Studies 3
- Community Service
The BSc (Hons) Information Systems for Business 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.

This degree is validated by Lancaster University and upon the successful completion of the programme, graduates are awarded three certificates: one from Sunway University, one from Lancaster University and a Joint Certificate from SAS Academy. The students will be awarded the SAS Joint Certificate in Big Data with Advanced Techniques in Data Science.

DEGREE > MASTERS

Graduates of the BSc (Hons) Information Systems (Business Analytics) can choose to enter the workforce after completion of the degree or undertake further studies at Sunway University, subject to terms and conditions.
PROGRAMME STRUCTURE - Subjects

**Year 1**

- English for Computer Technology Studies
- Information Systems Concepts
- Programming Principles
- Introduction to Statistics
- Database Fundamentals
- Linear Algebra and Applications
- Principles of Marketing
- Principles and Practice of Management
- Introduction to Psychology I

**Year 2**

- Analytics Engineering
- Data Mining and Knowledge Discovery Fundamentals
- Database Management Systems
- Information Systems Analysis and Design
- Applied Statistics
- Social and Professional Responsibilities
- Communication Skills
- Social Media Analytics
- Visual Analytics Techniques for Business and Science
- Web and Network Analytics

**Year 3**

- Business Intelligence Systems
- Big Data Analytics in the Cloud
- Data Mining and Knowledge Discovery
- Knowledge Management
- Project Management
- Capstone Project 1 & 2
- Internship
- Problem Solving using Analytics Tools
- Advanced Business Analytics

*ADDITIONAL MoHE COMPULSORY GENERAL STUDIES SUBJECTS*

For Local students:
- Islamic & Asian Civilisations
- Ethnic Relations
- Community Service
- Bahasa Kebangsaan A

(For 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
- Malaysian Studies 3
- Community Service

**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

**COMPUTING AND INFORMATION SYSTEMS BSc (Hons) Information Systems (Business Analytics)**

**Full-Time**

- **3 Years**

- ***Duration***
- **3 Years**
- **Full-Time**

- **Validation**

- **January - March - August**

- **INTAKES**

- **CAREER PROSPECTS**

- **DURATION**

- **VALIDATION**

- **Lancaster University**

- **Programme Structure**

- **Introduction**

- **Objective**

- **Entry Requirements**

- **Duration**

- **Career Prospects**

- **Intakes**

- **Validation**

- **Lancaster University**

- **Programme Structure**
Our BIS (Hons) in Mobile Computing with Entrepreneurship programme provides students with an in-depth knowledge and understanding of smart computing as an integrated mobile information system while further developing entrepreneurial skills. Alongside the technical skills gained in information systems and mobile technologies, the programme covers the development of key business processes and the management skills necessary in today’s rapidly changing world of employment, whether you want to start your own business or go directly into the tech industry. Students in this programme get to work on projects that turn innovative solutions into business ideas. The linkage between the programme and the Sunway Innovation Lab (iLabs) enables students to bring their ideas and products further towards commercialisation.

This degree is validated by Lancaster University and upon the successful completion of the programme, graduates are awarded two certificates: one from Sunway University and another from Lancaster University.
PROGRAMME STRUCTURE - Subjects

Year 1
- English for Computer Technology Studies
- Networking Principles
- Programming Principles
- Web Fundamentals
- Database Fundamentals
- Object-Oriented Programming Fundamentals
- Information Systems Concepts
- Computer Mathematics
- Principles of Marketing

Year 2
- Web Programming
- Information Systems Analysis & Design
- Database Management Systems
- Mobile Application Development I
- Mobile Commerce
- Principles of Entrepreneurship
- Marketing Management
- Social & Professional Responsibilities
- Communication Skills
- Corporate Entrepreneurship and Innovation in a Global Context

Electives (Choose any 1 in year 2)
- Object-Oriented Programming
- Computer Networks
- Computer Organisation
- Mobile Application Development II

Year 3
- Human-Computer Interaction
- Artificial Intelligence
- Electronic Commerce Development
- Internship
- Capstone Project 1 & 2
- Consumer Behaviour

Electives (Choose any 2 in year 3)
- New Venture Planning
- Innovation
- Franchising
- Small Business and the SME sector
- Principles and Practice of Management
- Scientific Ideas & Innovations
- Social Context of Entrepreneurship

ADDITIONAL MOHE COMPULSORY GENERAL STUDIES SUBJECTS

For Local students:
- Islamic & Asian Civilisations
- Ethnic Relations
- 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
- Malaysian Studies 3
- Community Service

For Local students:
- Islamic & Asian Civilisations
- Malay Language for Communication 2
- Malaysian Studies 3
- Community Service
The BSc (Hons) Information Technology programme is 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.

This degree is validated by Lancaster University and upon the successful completion of the programme, graduates are awarded two certificates: one from Sunway University and another from Lancaster University.

**DEGREE > MASTERS**

Graduates of the BSc (Hons) Information Technology can choose to enter the workforce after completion of the degree or undertake further studies at Sunway University, subject to terms and conditions.
PROGRAMME STRUCTURE - Subjects

Year 1
- Networking Principles
- Database Fundamentals
- Programming Principles
- Object-Oriented Programming Fundamentals
- Computer Mathematics
- Computer Organisation
- English for Computer Technology Studies
- Web Fundamentals
- Non-Computing Electives I (Choose any 1 in Year 1)
  - 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

Non-Computing Electives
- Year 2 and Year 3
  - Introduction to Psychology I
  - Principles of Marketing
  - Principles of Entrepreneurship
  - Probability and Statistics

ADDITIONAL MOHE COMPELLARY GENERAL STUDIES SUBJECTS
- For Local students:
  - Islamic & Asian Civilisations
  - Ethnic Relations
  - 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
  - Malaysian Studies 3
  - Community Service
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.

This degree is validated by Lancaster University and upon the successful completion of the programme, graduates are awarded two certificates: one from Sunway University and another from Lancaster University.

Together with EC-Council from USA, our students have the chance to obtain up to two professional certificates during their study. Students may also choose to attend CCNA professional examination.

DEGREE > MASTERS

Graduates of the BSc (Hons) Information Technology (Computer Networking and Security) can choose to enter the workforce after completion of the degree or undertake further studies at Sunway University, subject to terms and conditions.
PROGRAMME STRUCTURE - Subjects

Year 1

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

Non-Computing Electives I (Choose any 1 in Year 1)
- Introduction to Statistics
- Principles and Practice of Management

Year 2

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

Non-Computing Electives II & III (Choose any 2 in Year 2)
- Principles of Entrepreneurship
- Principles of Marketing
- Introduction to Psychology I
- Data Structures & Algorithms

Year 3

- Internship
- Advanced Network Security
- 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

Year 3

- Microwave Communication
- Multimedia Networking
- Probability & Statistics
- Advanced Topics in Computer Security

ADDITIONAL MOHE COMPELLARY GENERAL STUDIES SUBJECTS

For Local students:
- Islamic & Asian Civilisations
- Ethnic Relations
- Community Service
- Bahasa Melayu 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
- Malaysian Studies 3
- Community Service

CAREER PROSPECTS

- IT Security Consultant
- Digital Forensic Investigator
- Network Engineer
- Network Infrastructure Specialist
- Security Engineer
- Security Analyst
- Penetration Tester
- Ethical Hacker

DURATION

3 YEARS

FULL-TIME

VALIDATION

Lancaster University

INTAKES

JANUARY
MARCH
AUGUST

Computing And Information Systems
BSc (Hons) Information Technology (Computer Networking and Security)
- Programme Structure

For Local students:
- Islamic & Asian Civilisations
- Ethnic Relations
- Community Service
- Bahasa Melayu 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
- Malaysian Studies 3
- Community Service

AdditionAl MoHe coMpulsory geNerAl sTUdies subjEcTs

FULL-TIME

3 YEARS

AUGUST

MARCH

JANUARY

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Computing
And
Information
Systems

BSc (Hons) Information Technology (Computer Networking and Security)
- Programme Structure

For Local students:
- Islamic & Asian Civilisations
- Ethnic Relations
- Community Service
- Bahasa Melayu 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
- Malaysian Studies 3
- Community Service

AdditionAl MoHe coMpulsory geNerAl sTUdies subjEcTs
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.

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. This industry-linked certificate will be an added advantage for the students, making them highly employable graduates.

This degree is validated by Lancaster University and upon the successful completion of the programme, graduates are awarded two certificates: one from Sunway University and another from Lancaster University.

DEGREE > MASTERS

Graduates of the Bachelor of Software Engineering (Hons) can choose to enter the workforce after completion of the degree or undertake further studies at Sunway University subject to terms and conditions.
PROGRAMME STRUCTURE -
Subjects

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

Year 2
• Data Structures and Algorithms
• Software Engineering
• Object-oriented Programming
• Communication Skills
• Operating System Fundamentals
• Computer Networks
• Networking Principles

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 II
• Non-Computing Elective III

Computing Electives
Year 2
• Database Management Systems
• Web Programming
• Mobile Application Development

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

Non-Computing Electives
Year 2 and Year 3
• Principles of Marketing
• Introduction to Psychology I
• Principles of Entrepreneurship

ADDITIONAL MOHE COMPULSORY GENERAL STUDIES SUBJECTS
For Local students:
• Islamic & Asian Civilisations
• Ethnic Relations
• Community Service
• Bahasa Melayu 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
• Malaysian Studies 3
• Community Service
ENTRY REQUIREMENTS

DEGREE

STPM
A-Level*
*Points are calculated based on grades obtained for 2 or 3 subjects.
Australian Matriculation
Canadian International Matriculation Programme
MUFY
Sunway Foundation in Arts
Sunway Foundation in Science & Technology
UEC
IB Diploma
Sunway Diploma*
*Students may obtain advanced standing if credit transfer requirements are met.
Other Qualifications

SPECIFIC REQUIREMENT
Credit in Additional Mathematics at SPM or its equivalent

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

COMPUTER SCIENCE SOFTWARE ENGINEERING

Average C+ or CGPA 2.33 (minimum 2 principals)
Minimum 12 points

ATAR 60
60%
60%
CGPA 2.3
CGPA 2.3
Maximum 26 points from 5 subjects (all Grade Bs including Advanced Mathematics)
Completed with minimum 25 points (excluding bonus points)
CAVO 60% or CGPA 2.50
Any other equivalent qualifications.
Applicant with no standard qualification will be considered on a case-to-case basis

INFORMATION SYSTEMS (BUSINESS ANALYTICS)
INFORMATION SYSTEMS (MOBILE COMPUTING WITH ENTREPRENEURSHIP)
INFORMATION TECHNOLOGY (COMPUTER NETWORKING AND SECURITY)

Average C+ or CGPA 2.33 (minimum 2 principals)
Minimum 12 points

ATAR 60
60%
60%
CGPA 2.3
CGPA 2.3
Maximum 26 points from 5 subjects (all Grade Bs including Advanced Mathematics)
Completed with minimum 25 points (excluding bonus points)
CAVO 60% or CGPA 2.50
Any other equivalent qualifications.
Applicant with no standard qualification will be considered on a case-to-case basis

UNIQUENESS OF THE PROGRAMMES

• Distinctive Sunway Experience
• Entry Requirements

DISTINCTIVE SUNWAY EXPERIENCE

• Integrate information technology solutions and business processes to meet the worldwide information needs of businesses and enterprises
• Core transferable skills with the ability to understand and respond to user/customer requirements and ability to contribute to a team objective
• Interdisciplinary studies across IT and Business
• Industry-focused and industry-linked certificates
• Including SAS (Business Analytics), Salesforce (Customer Relationship Management System and Customer Relationship Management Application Development System/Salesforce Developer) certificates
• Gain a practical experience that mirrors data scientists’ day-to-day job

• Incubation hub to nurture entrepreneurs for innovative developments
• Introduce and engage the process of designing, launching and running a new business or startup company with the implementation of mobile application developments
• Students have access to the Sunway Innovation Labs (ILabs) - a joint-effort by Sunway University, Sunway Group, and Sunway Ventures to provide a collaborative space that aims to foster entrepreneurship and stimulate market-driven innovations for our students and staff
• Supported by a Computer Hacking and Forensic Investigator (CHFI) from the EC Council advisory board
• Inclusion of materials based on Certified Tester Foundation Level (CTFL) certification strengthens the focus of this degree
ENTRY REQUIREMENTS

ENGLISH LANGUAGE REQUIREMENTS

- IELTS or equivalent
- MUET Band 4
- SPM English B3 or B+
- UEC English B4
- O-Level English Credit
- Sunway Intensive English Programme (IEP) Pass Level 4 with minimum 65%
- Satisfactory level in Pre-University programmes, where the medium of instruction is English

INTERNERNSHIP COMPANIES

To give students an added edge, Sunway programmes include an internship component that helps open doors for Sunway graduates to successfully bridge the gap from university to industry.

- Apptivity Lab Sdn Bhd
- AS Networks (M) Sdn Bhd
- Ascentrio Sdn Bhd
- ATX Online Sdn Bhd (Asia Tradex)
- Blect Solution
- Beam Search Expert Sdn Bhd
- BASS Sdn Bhd
- Cinema Online Sdn Bhd
- Company 27
- Cornet Research
- Deloitte SEA Services Sdn Bhd
- Ebizu Sdn Bhd
- e2 Power Sdn Bhd
- Experian
- PINEXUS Sdn Bhd
- Fusionex Corp Sdn Bhd
- Grass Valley (M) Sdn Bhd
- Global Dynamic Enterprises (M) Sdn Bhd
- Golden Dynamic Enterprises (M) Sdn Bhd
- IBM Malaysia
- Juris Technologies Sdn Bhd
- KPMG
- Malayan Banking Berhad
- Mercedes-Benz (M) Sdn Bhd
- Mesiniaga Berhad
- Metacloud Sdn Bhd
- Moving Walls Sdn Bhd
- Optima Innovation (M) Sdn Bhd
- Pacific Founders Sdn Bhd
- Penerbitan Pelangi Sdn Bhd
- People Quest Sdn Bhd
- Philip Solutions PLT
- Priority Dynamics Sdn Bhd
- Public Bank Berhad
- PulseSync Sdn Bhd (NEW)
- Quintiq Sdn Bhd
- Quandatics Sdn Bhd
- SAS Institute Sdn Bhd
- SearchGuru Sdn Bhd
- Sunway Construction
- Sunway Group IT Shared Services Centre
- Sunway Lagoon
- Sunway Travel Sdn Bhd
- Sushi Kin Sdn Bhd
- The Techy Hub Sdn Bhd
- VADS Sdn Bhd
- Webe Digital
- Western Digital

ENHANCED CAREER PROSPECTS

To help graduates transit successfully into the workforce, Sunway University combines a well-rounded academic experience and learning, both inside and outside the classroom, with the goal of using these experiences to prepare graduates for a career.

- Accenture
- 101 Corporation Sdn Bhd
- Grass Valley (M) Sdn Bhd
- Givanas Nigeria Limited
- Grab
- KPMG
- IBM Malaysia
- Deloitte
- Service Rocket
- Public Bank Berhad
- Quintiq
- Sunway Group
Lecturers in Sunway BCS programme were always supportive and encouraged us to come up with creative solutions. Emphasis on understanding and creative thinking rather than memorising the course materials helped me carry out my research. It helped me to attempt to approach the research problem from different perspectives.

AHN JU HYUN
ALUMNI

The programme has a great impact on my development, both at an academic and personal level, by providing me with the resources I needed in order to flourish as an aspiring researcher. Having the chance to be exposed to different scientific methods has also given me the experience necessary to thoroughly comprehend what conducting research entails.

ALFRED LIM
ALUMNI

BSc (Hons) Information Systems has given me the opportunity to gain valuable knowledge in both IT and business fields. On top of that, the knowledge and skills of big data analytics and technologies that I gained would allow me to have advantages in this information-driven era. The lecturers here are experienced and awesome in that they guided us a lot and always encourage us to attend and take part in events, competitions and external certification programmes. I would like to further my studies in Sunway University for my postgraduate programme in the near future.

YEE SOOK CHING
ALUMNI

It has been a great 3 years with Sunway University and it will always be an unforgettable journey. The BIS programme has groomed both my hard and soft skills through internship and capstone projects which collaborate with industrial companies. Not to forget my lecturers and classmates who have been helpful as they guide me through the dark so that I can see the light at the end of my degree.

EA SUE LYNN
ALUMNI

Studying Information Systems in Sunway University has given me an idea of how to do research in today’s world. This course has given me a great experience on handling real-world case studies by collaborating with industrial companies. In addition, the lecturers are very helpful. I am very grateful to be part of Sunway University.

KASPER LI EW YUET HON
ALUMNI
TESTIMONIALS

BSC (HONS) INFORMATION SYSTEMS (BUSINESS ANALYTICS)

To me almost everything about this programme is good. The subjects are interesting. The lecturers whom have been teaching are all wonderful and great lecturers. I think the best part by far would be the analytical skills required in this course. Through this course, it has taught me to view situations from different angles. To think outside the box, and analyse the situations accordingly. I have learnt to understand the underlying possibilities to a solution, not just to accept a solution as it is but to understand why and how. This I believe will allow me to grow to be more mature in thinking because I have learnt to analyse situations from multiple angles and not just focus on what I think or feel is right.

NICHOLAS CHAN KHIN WHAI

STUDENT

The BSBA programme has been one of the finest courses to be introduced by Sunway University in my judgement. Due to data tsunami, the world constantly requires the skills and technologies of utilising data to improve the standard of living. This programme has strongly convinced me of the vitality of data to every organisation whether big or small businesses, educational institutions, government branches, public sectors, utilities and so on. The subjects link with each other so well; they overlay several aspects such as the need for knowledge in economy, the call to ethical behaviours in handling data, the significance of using the correct data, the different methods to analyse and interpret data and how data can be used for the benefit of the public. Besides educating me, I’m grateful to the lecturers for piquing in interest to educate me on current events related to big data and for encouraging me to attend talks and seminars relating to big data. I have learnt much and I’m confident of a bright future ahead of me, which can propel me to do great things like what my Sunway University lecturers have done.

PRISCILLA SUGUMAR

STUDENT

Through this programme, I learnt that data can be explored through many different ways and there can be lots of meaningful information that can be discovered. Interesting combination of different subjects such as Data Mining, Social Media Analytics, Visual Analytics, etc exposes us to Big Data and Big Data Analytics, as well as how they are used in the industry. Thinking outside the box and Data Analytics often requires us to analyse situations from a different perspective to develop a better and deeper understanding of it. I enjoy studying this programme.

CLAUDIA NG

STUDENT

BSC (HONS) INFORMATION TECHNOLOGY

BIT helped me to gain more knowledge about the world of IT and also helped me to connect with various experienced people in the IT field locally and other nations as well.

SAURAY THAPA

ALUMNI

With supportive lecturers and friendly peers, my journey in Sunway University is definitely cool and memorable. Besides obtaining knowledge and technical skills, we were also involved in activities and projects that strengthen our soft skills to prepare us for our future career. Thanks for giving me a wonderful university life!

JOANNE HWAN

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