



TAYLOR'S UNIVERSITY

Wisdom • Integrity • Excellence

ACADEMIC MODULE GUIDE 2020 (MARCH 2020 INTAKE)

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GUIDELINES

Please read the guidelines before selecting your modules.

1. The minimum number of credits that can be taken is 16 credits and the maximum is 20 credits.
2. 1 credit is equivalent to 1.5 ECTS.
- 3. Modules can be selected from the same programme only.**
4. Students need to fulfil pre-requisites in order to take certain modules. The modules selected is subject to approval by the respective faculties.
5. All modules are subject to availability of the beginning of semester. Any subsequent changes to the selection of modules are subject to the approval of the faculty and timetable availability.
6. If you are joining the exchange programme for 2 semesters, please fill in one Module Registration Form for each semester.
- 7. For programmes from Faculty of Hospitality, Food & Leisure Management, the exchange duration is limited to 1-semester exchange only and students must be studying the same programme at their home institution.**

FACULTY OF BUILT ENVIRONMENT, ENGINEERING, TECHNOLOGY & DESIGN

THE DESIGN SCHOOL

BACHELOR OF DESIGN (HONS) IN CREATIVE MEDIA

No	Module Code	Module Title	Credit Hours
1	GCD60104	Typography	4 Credits
2	GCD60204	Illustration And Visual Narrative	4 Credits
3	GCD61204	Digital Photography And Imaging	4 Credits
4	GCD60804	Design Principles	4 Credits
5	GCD60904	Interactive Design	4 Credits

MODULE SYNOPSIS

Module Title	Module Synopsis
Typography	This Module is designed to introduce the students to the language, tradition and craft of typography through; The practice of typographic layout, typesetting and printing; the aesthetic and contextual use of typography as a form of written communication; the historical and contemporary influences that surround and influence typographic practice; and the project briefs cover a broad base of typographic problems designed to present intellectual and practical challenges which requires research, conceptual thinking, experimentation and development of ideas.
Illustration And Visual Narrative	This module aims to introduce the students to the process of creating visual concepts from ideas and its pictorial communication to an audience in the form of illustrations. Through studio assignments and demonstrations, students will understand the history of visual communication, the essential skill of telling stories via images and the work processes of professional illustration. A variety of relevant media, materials and techniques are explored. Lectures on the working methods of successful illustrators will support the practical aspects.
Digital Photography And Imaging	Students will develop their knowledge of and skills in digital imaging and drawing through a series of lectures, demonstrations and hands-on exercises in the photo studio and lab. They will undergo practical assessments in the form of projects and exercises throughout the semester. Students will then render and submit a culminated final project and/or a body of work (portfolio) to demonstrate their ability to solve communication problems using the appropriate software and hardware as a form of final assessment.
Design Principles	This module provides fundamental principles of visual design for students to effectively organize and present information utilizing interfaces. This module will provide students an in-depth look into principles of perception and cognition that inform effective design. The module will utilize technologies that support and help build human-centric designs proficiencies.

Interactive Design	Students will be introduced to Web specific coding and technical skill to design and develop non-linear interactive pieces. The conceptual and design aspects will be considered. This module will be delivered through a structure of lecturers, demonstrations and practical.
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SCHOOL OF COMPUTING & IT

BACHELOR OF INFORMATION TECHNOLOGY (HONS)

No	Module Code	Module Title	Credit Hours
1	ITS63004	IT Fundamentals	4 Credits
2	ITS60504	Data Structures and Algorithm	4 Credits
3	ITS63304	Object Oriented Programming	4 Credits
4	ITS62904	Database Systems	4 Credits
5	ITS63504	Human Computer Interaction	4 Credits
6	ITS65404	Information Assurance and Security	4 Credits
7	MTH61104	Mathematics and Statistics	4 Credits
8	ITS63204	Computer Networking	4 Credits
9	CSC60504	Professional Computing Practice	4 Credits
10	ITS67504	Systems Administration and Platform Technologies	4 Credits
11	ITS65804	System Integration and Architecture	4 Credits
12	ITS64504	Web Applications Programming	4 Credits
13	ITS63904	Web Development Technologies	4 Credits
14	ITS62204	Mobile Applications Development	4 Credits
15	ITS65904	Introduction to Cloud Computing	4 Credits

MODULE SYNOPSIS

Module Title	Module Synopsis
IT Fundamentals	This course provides an overview of the history and discipline of Information Technology. It describes how it relates to other computing disciplines. The goal is to help students understand the diverse contexts of pervasive themes in Information Technology, its application domain and the challenges inherent in the diffusion of innovative technology.
Data Structures and Algorithm	This module covers the fundamental concepts of data structures and algorithms. It mainly focuses on the operations (insertion, deletion, searching, traversing, deleting and sorting) elements using various data structures such as Array, Linked list, Queue, Stack, Trees, and Graphs.
Object Oriented Programming	This module introduces the fundamentals of Object-Oriented Programming using Java. Topics covered include Object-Oriented programming concepts, classes, inheritance, polymorphism, abstract classes and interfaces.
Database Systems	This module is an introduction to the principles, use, and applications of database systems. Students who complete the course will be able to design and create databases, be able to extract information from databases, understand in broad terms how database systems work, and understand the purposes for which databases are used.

Human Computer Interaction	This module introduces the theories and practical of building and evaluate interface. Topic covered including various interface models and principles, design and prototyping, graphics and visualization, and evaluations.
Information Assurance and Security	This course introduces students to the fundamental concepts and principles of information assurance, digital forensics, security governance, risk management, security models, design and capabilities, security vulnerabilities, threats and countermeasures, information assurance measurements and metrics, network security and security assessment and testing.
Mathematics and Statistics	This module will introduce the students to logic, set theory, graph theory, descriptive statistics, probability and hypothesis testing theory.
Computer Networking	This module introduces about the architecture of the Internet Communication such as TCP/IP Model, Protocols that support it, Transmission Medium, Multiplexing techniques, Error detection and correcting techniques, Flow Control and Error Control Techniques, Switching Technology, Routing, IP addressing, network mobility, and Internetworking components.
Professional Computing Practice	This subject is an introduction to Professional Computing Practices. This subject covers the ethical and legal perspective of what is required in a computing professional as well as how they affect the software development of systems used in organizations. This would include various coverage on issues such as ethical philosophies, information privacy, computer crime, computer misuse and considerations on the international and local legal framework available to protect software systems development which would cover aspects of contracts, non-disclosure agreements, intellectual property law (copyright, patent, licensing, royalties, trade-secrets, trademarks and warranty disclaimers).
Systems Administration and Platform Technologies	This module introduces the fundamentals of computer hardware and software. Student will learn from basic digital circuits up to how a computer is constructed. They will learn the basics of operating systems with emphasis given to practical aspects like installation and administration. A brief exposure to industrial hardware and software (OS) will be given.
System Integration and Architecture	In this module the students are expected to assume the role of providing a complete system based on a client's requirement. They are responsible in selecting hardware, software and services then integrate them to form the solution that end user wants.
Web Applications Programming	This course introduces the students to the fundamentals of the Web Applications programming and client-server technologies required to develop Web applications with database Interfaces. This course is designed to give the student the tools and the knowledge to program using the web programming language PHP as a server side language. Students will be able to use HTML, CSS, XML, AJAX, JSON, PHP, MYSQL to develop a interactive and dynamic web application.
Web Development Technologies	The purpose of this module is to provide students with theory and practical knowledge of internet technologies and web development using languages such as HTML, HTML 5, CSS, and JavaScript.
Mobile Applications Development	This module covers the core concepts of mobile applications development. It mainly focuses on analysis, development and deployment of diverse mobile applications using Android studio.
Introduction to Cloud Computing	This module introduces the concepts of Cloud Computing. Topics covered include Cloud Computing Models, Cloud Service Models, Cloud Security, Operating the Cloud and The 4 D's Migration Methodology.

SCHOOL OF ENGINEERING

BACHELOR OF ENGINEERING (HONS) ELECTRICAL & ELECTRONIC ENGINEERING

No	Module Code	Module Title	Credit Hours	Prerequisites
1	MTH61204	Engineering Mathematics I	4	-
2	PRJ62404	Engineering Design and Analysis	4	-
3	MTH61304	Engineering Mathematics II	4	MTH61204
4	ENG60104	Computing Applications for Engineers	4	-
5	EEE60804	Circuits and Devices	4	-
6	EEE60904	Electromagnetic Fields and Waves	4	MTH61204
7	EEE60404	Digital and Analog Electronics	4	-
8	EEE61104	Signals and Systems	4	MTH61304
9	EEE60104	Programming Techniques	4	-
10	ENG60704	Engineering Design and Project Management	4	PRJ62404
11	EEE60604	Electrical Power and Machines	4	EEE60904
12	EEE61204	Power System Analysis and Protection	4	EEE60604
13	ENG60804	Automatic Control and Instrumentation	4	MTH61304
14	EEE60504	Integrated Electronics	4	EEE60404
15	EEE60304	Microprocessors and Computer Architecture	4	EEE60404

MODULE SYNOPSIS

Module Title	Module Synopsis
Engineering Mathematics I	This module will provide students with basic knowledge on applied engineering mathematics including numerical function and operators which is used in most of the engineering design applications.
Engineering Design and Analysis	This module lays the grounds for a project based learning journey that the students will go through. It prepares them for a successful and rewarding programme of study in their chosen engineering discipline through cultivating successful engineering habits of thinking, doing, collaborating and communicating effectively. The module also introduces the wider context for engineering practice including the Grand Challenges for engineering in the 21st Century.
Engineering Mathematics II	This module covers the mathematical modelling of engineering problems using differential equations and introduces various techniques for solving the challenges. It covers the statistics, probability, complex numbers and numerical analysis in solving engineering problems. It also covers the transformation of system representation between time and complex frequency domains and its analysis and solution.
Computing Applications for Engineers	This course will provide the students with knowledge on the background of engineering measurement and instrumentations. This course will introduce statistical analysis and instrumentation using computer analysis in data mining process.
Circuits and Devices	This module deals with two main topics, circuit theory and semiconductor devices. In circuit theory, Kirchhoff's laws and network theorems are applied for the analysis of DC and AC circuits. Also, the transient

	response of RL, RC and RLC circuits is investigated. In semiconductor devices, the physics of conduction in solids and the effects of electric fields is demonstrated. Also, the terminal characteristics of basic devices are derived from first principles.
Electromagnetic Fields and Waves	This subject deals with vector analysis, electrostatic fields and magnetic fields. The behavior of time varying signals along transmission lines is investigated by considering appropriate applications.
Digital and Analog Electronics	This module deals with design and analysis of semiconductor based circuits and digital logic circuits. In semiconductor circuits, design and analysis of semiconductor diode rectifier and filter circuits will be demonstrated. It also introduces the design and analysis of BJT, FET, Feedback, Oscillator and Power Amplifier circuits. In logic circuit, the theory and practice of digital logic, digital circuit design and digital representation of information will be introduced.
Signals and Systems	This module deals with signal analysis and the signal transmission through systems. It provides Laplace transform, Z-transform and probability mathematical background for signals and system analysis.
Programming Techniques	As a fundamental module, it equips the students with theory and practice on problem solving techniques by using the structured approach. Students are required to develop programs using C programming language, in order to solve simple to moderate problems. The module covers the following: pre-processor directives, constants and variables, data types, input and output statements, text files, control structures: sequential, selection and loop. It may also include arrays and basic library functions.
Engineering Design and Project Management	This module lays the grounds for a project based learning journey that the students will go through. It prepares them for a successful and rewarding programme of study in their chosen engineering discipline through cultivating successful engineering habits of thinking, doing, collaborating and communicating effectively. Products that are compatible with people will dramatically reduce human error, fatigue, discomfort and stress and have a profound positive impact on overall end-user performance. The module also introduces the wider context for engineering practice including the Grand Challenges for engineering in the 21st Century.
Electrical Power and Machines	This module deals with the principle of operation, characteristics and applications of DC machines, AC machines and Transformers.
Power System Analysis and Protection	This subject deals with generation, transmission and distribution of electrical power. It introduces power quality, mitigation, and assessments of electrical power system. It also deals with load flow analysis, fault analysis, power system stability, and power system protection
Automatic Control and Instrumentation	Overview of instrumentation system elements, control system basics, process controllers, correction elements, PLC systems, system models, transfer functions, system response, and frequency response.
Integrated Electronics	This module deals with EFT and op-amp based circuits and applications. It also introduces the concept of ADC and DACs and IC fabrication.
Microprocessors and Computer Architecture	This unit covers three basic aspects of embedded systems namely microcontroller hardware, programming and hardware interfacing. A study of the microcontroller system includes the understanding of architecture, memory and interface aspects. The programming aspect includes both Assembly and C program design and program development environment for the microcontroller system. The hardware interface involves the study of the interfacing circuits to the external modules.

BACHELOR OF ENGINEERING (HONS) MECHANICAL ENGINEERING

No	Module Code	Module Title	Credit Hours	Prerequisites
1	MTH61204	Engineering Mathematics I	4	-
2	PRJ62404	Engineering Design and Analysis	4	-
3	MTH61304	Engineering Mathematics II	4	MTH61204
4	ENG60104	Computing Applications for Engineers	4	-
5	CHE61404	Thermodynamics and Heat Transfer	4	-
6	CHE61504	Engineering Fluid Mechanics	4	-
7	ENG60504	Properties and Applications of Materials	4	-
8	MEC60304	Computer Aided Engineering & Geometric Modelling	4	-
9	ENG60704	Engineering Design and Project Management	4	PRJ62404
10	ENG60904	Introduction to Electronics and Electrical Power & Machines	4	-
11	MEC60104	Engineering Statics	4	-
12	MEC60504	Manufacturing Engineering	4	-
13	ENG60804	Automatic Control and Instrumentation	4	-
14	MEC60204	Engineering Solid Mechanics	4	MEC60104
15	MEC60604	Engineering Dynamics	4	-

MODULE SYNOPSIS

Module Title	Module Synopsis
Engineering Mathematics I	This module will provide students with basic knowledge on applied engineering mathematics including numerical function and operators which is used in most of the engineering design applications.
Engineering Design and Analysis	This module lays the grounds for a project based learning journey that the students will go through. It prepares them for a successful and rewarding programme of study in their chosen engineering discipline through cultivating successful engineering habits of thinking, doing, collaborating and communicating effectively. The module also introduces the wider context for engineering practice including the Grand Challenges for engineering in the 21st Century.
Engineering Mathematics II	This module covers the mathematical modelling of engineering problems using differential equations and introduces various techniques for solving the challenges. It covers the statistics, probability, complex numbers and numerical analysis in solving engineering problems. It also covers the transformation of system representation between time and complex frequency domains and its analysis and solution.
Computing Applications for Engineers	This course will provide the students with knowledge on the background of engineering measurement and instrumentations. This course will introduce statistical analysis and instrumentation using computer analysis in data mining process.
Thermodynamics and Heat Transfer	This module combines the knowledge related to both energy transfer (as heat) and thermodynamics to expose the students to a wide variety of topics that will be instrumental in their academic and career

	advancement like the applications of the first and second laws of thermodynamics and the mechanisms with which heat transfers. This is tied closely to the analysis of heat engines, heat pumps, heat cycles and heat exchangers.
Engineering Fluid Mechanics	This module deals with three fundamental topics: first, hydrostatics in which the pressure and its relevant hydrostatic forces are studied. Second, hydrodynamics in which basic laws of conservation of mass, energy and momentum in relation to the fluid flow and its engineering applications for ideal and viscous fluid systems are studied. Third, the dimensional analysis, similarities, and Π -theorem are studied.
Properties and Applications of Materials	This module introduces the range of materials used in engineering applications along with some basic selection rules for determining the appropriate materials for a given application. The module also introduces fundamental science that determines the properties of materials, such as bonding types and atomic / molecular structures.
Computer Aided Engineering & Geometric Modelling	This module presents the processes of CAE from the conceptual design stage to the manufacturing stage via hands-on and virtual experience of component shape design.
Engineering Design and Project Management	This module lays the grounds for a project based learning journey that the students will go through. It prepares them for a successful and rewarding programme of study in their chosen engineering discipline through cultivating successful engineering habits of thinking, doing, collaborating and communicating effectively. Products that are compatible with people will dramatically reduce human error, fatigue, discomfort and stress and have a profound positive impact on overall end-user performance. The module also introduces the wider context for engineering practice including the Grand Challenges for engineering in the 21st Century.
Introduction to Electronics and Electrical Power & Machines	The aim of this module is to introduce aspects of electronics and electrical engineering to students of other engineering disciplines in the context of applications in their discipline. This should develop their confidence when interacting with electrical engineers in industry. The subject begins with a review of the areas where electronic and electrical engineering principles are applied in civil, chemical, manufacturing and mechanical engineering and materials science. An introduction to basic concepts of electronics leads into DC circuits and circuit analysis, power and energy. An appreciation of linear and non-linear components is provided through the diode and LED. Active learning in the lecture environment will be a key feature of this section. The concept of electrical transducers as a means of interfacing to, and monitoring, the real world leads to the simple application of operational amplifiers. Examples of uses of transducers and actuators in engineering industry will emphasize the importance of proper calibration. As an exercise students will specify a transducer for a particular application to achieve the appropriate range, gain and accuracy.
Engineering Statics	Introduce the concepts of static equilibrium and internal / external forces. These principles are then applied to the analysis of pin-jointed trusses and the determination of bending moments and shear forces in loaded beams. The principle of elasticity is presented and it is then used to calculate the stresses within and the deflections of a statically determinate beam. Finally plastic collapse mechanisms are discussed and applied to the analysis of beams.

Manufacturing Engineering	This subject introduces the range of materials used in engineering applications along with some basic selection rules for determining the appropriate materials for a given application. The subject also introduces fundamental science that determines the properties of materials, such as bonding types and atomic / molecular structures.
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BACHELOR OF ENGINEERING (HONS) CHEMICAL ENGINEERING

No	Module Code	Module Title	Credit Hours	Prerequisites
1	MTH61204	Engineering Mathematics I	4	-
2	PRJ62404	Engineering Design and Analysis	4	-
3	MTH61304	Engineering Mathematics II	4	MTH61204
4	ENG60104	Computing Applications for Engineers	4	-
5	CHE61404	Thermodynamics and Heat Transfer	4	-
6	CHE61504	Engineering Fluid Mechanics	4	-
7	ENG60504	Properties and Applications of Materials	4	-
8	CHE61904	Biochemical Processes	4	-
9	ENG60704	Engineering Design and Project Management	4	PRJ62404
10	ENG60304	Material and Energy Balance	4	-
11	ENG60604	Sustainable Development in Engineering	4	-
12	CHE61104	Chemical Engineering Thermodynamics and Simulation	4	-
13	CHE62004	Process Control and Instrumentation	4	-
14	CHE62104	Chemical Reaction Engineering	4	-
15	CHE61204	Mass Transfer	4	-

MODULE SYNOPSIS

Module Title	Module Synopsis
Engineering Mathematics I	This module will provide students with basic knowledge on applied engineering mathematics including numerical function and operators which is used in most of the engineering design applications.
Engineering Design and Analysis	This module lays the grounds for a project based learning journey that the students will go through. It prepares them for a successful and rewarding programme of study in their chosen engineering discipline through cultivating successful engineering habits of thinking, doing, collaborating and communicating effectively. The module also introduces the wider context for engineering practice including the Grand Challenges for engineering in the 21st Century.
Engineering Mathematics II	This module covers the mathematical modelling of engineering problems using differential equations and introduces various techniques for solving the challenges. It covers the statistics, probability, complex numbers and numerical analysis in solving engineering problems. It also covers the transformation of system representation between time and complex frequency domains and its analysis and solution.

Computing Applications for Engineers	This course will provide the students with knowledge on the background of engineering measurement and instrumentations. This course will introduce statistical analysis and instrumentation using computer analysis in data mining process.
Thermodynamics and Heat Transfer	This module combines the knowledge related to both energy transfer (as heat) and thermodynamics to expose the students to a wide variety of topics that will be instrumental in their academic and career advancement like the applications of the first and second laws of thermodynamics and the mechanisms with which heat transfers. This is tied closely to the analysis of heat engines, heat pumps, heat cycles and heat exchangers.
Engineering Fluid Mechanics	This module deals with three fundamental topics: first, hydrostatics in which the pressure and its relevant hydrostatic forces are studied. Second, hydrodynamics in which basic laws of conservation of mass, energy and momentum in relation to the fluid flow and its engineering applications for ideal and viscous fluid systems are studied. Third, the dimensional analysis, similarities, and Π -theorem are studied.
Properties and Applications of Materials	This module introduces the range of materials used in engineering applications along with some basic selection rules for determining the appropriate materials for a given application. The module also introduces fundamental science that determines the properties of materials, such as bonding types and atomic / molecular structures.
Biochemical Processes	This module introduces some fundamental aspects of biochemical processes, focusing on reactor design and basic purification-separation technologies. The structures and functions of microorganisms and biomolecules are introduced. The enzymes kinetics, cell metabolic pathway and cell growth kinetics are included. The aspects of the bioreactor design such as reactor configuration, operating conditions and mode of operation are applied. The final focus is on purification of products using different product recovery sections such as recovery of particulates, product isolation, precipitation and combined operation.
Engineering Design and Project Management	This module lays the grounds for a project based learning journey that the students will go through. It prepares them for a successful and rewarding programme of study in their chosen engineering discipline through cultivating successful engineering habits of thinking, doing, collaborating and communicating effectively. Products that are compatible with people will dramatically reduce human error, fatigue, discomfort and stress and have a profound positive impact on overall end-user performance. The module also introduces the wider context for engineering practice including the Grand Challenges for engineering in the 21st Century.
Material and Energy Balance	This module covers the analysis of chemical engineering processes, using the material and energy balance approach, in single and multiple unit systems. Also covered are open, closed, reacting and non-reacting systems as well as phase changes in a chemical process.
Sustainable Development in Engineering	Environment pollution control is a practice that all chemical engineers need to implement. All possible pollutants are discussed in this module and case studies are applied to implement standards on existing pollution problems. The module includes lectures and practical work on current environmental issues, environmental legislation, and environmental pollution control analysis.
Chemical Engineering Thermodynamics and Simulation	This module deals with a variety of topics such as the basic laws of Thermodynamic, Maxwell Relationships and energy, Equations of State and predictions of pure component properties, Phase Equilibria and Chemical Equilibria. Simulator is intended to introduce students to the

		fundamentals of computer-aided process synthesis, simulation, analysis and optimisation. Practical problems are used as examples.
Process Control and Instrumentation		This module covers the mathematics and dynamic modelling techniques, basic principles of analysis and design of process with the appropriate mathematical tools and introduction to instrumentation. Students are taught how to construct and analyse advanced dynamic models of chemical engineering systems. A number of mathematical techniques with applications in chemical engineering are covered. It also covers the mathematical tools required to analyse and solve linear and non-linear chemical engineering-based models, with examples and introduction to instrumentation will be also taught. Finally, this module will cover topics such as transfer functions, ideal dynamic systems, classical PID controllers, feedback control block diagram analysis, stability concept and analysis, structure and components of modern control loops, and practical aspects of industrial process control.
Chemical Engineering	Reaction	This module covers the fundamentals of reaction engineering, including the reaction kinetics and the effect of temperature in ideal reactors. The mechanism for catalytic reactions such as bulk diffusion, adsorption, surface reaction and internal diffusion will be covered. In this module, students also learn about advanced reaction engineering including non-ideal flow and design of multiphase reactor systems.
Mass Transfer		This module covers the theory behind mass transfer. This includes 1-dimensional and 2-dimensional steady and unsteady state mass transfer in chemical engineering processes including transport in multicomponent system. Chemical engineering processes such as membrane separations, adsorption, absorption, crystallisation and filtration are described.

FACULTY OF BUSINESS & LAW

TAYLOR'S BUSINESS SCHOOL

BACHELOR OF BUSINESS (HONS) INTERNATIONAL BUSINESS & MARKETING

Year 1

No	Module Code	Module Title	Credit Hours	Prerequisites
1	ACC60104	Introduction to Accounting	4	-
2	MGT60104	Introduction to Management	4	-
3	COM61604	Business Communication	4	-
4	ECN60104	Microeconomics	4	-
5	STA60104	Quantitative Methods for Business	4	-
6	FIN60104	Introduction to Finance	4	-
7	MKT60104	Principles of Marketing	4	-
8	OBM60104	Organisational Behavior	4	MGT60104
9	ECN60204	Macroeconomics	4	ECN60104

Year 2

No	Module Code	Module Title	Credit Hours	Prerequisites
1	LAW60104	Business Law	4	-
2	MKT60204	Consumer Behavior	4	MKT60104
3	BUS60104	Introduction to International Business	4	-
4	MGT60304	Export Practices and Management	4	BUS60104
5	MKT60604	Integrated Marketing Communications	4	MKT60104, MKT60204
6	RES60104	Research Methods	4	-
7	FIN61104	International Finance	4	-
8		Elective I	4	-

Year 3

No	Module Code	Module Title	Credit Hours	Prerequisites
1	MGT60604	Transnational Management	4	BUS60104
2	MKT60404	Services Marketing	4	MKT60104
3	BUS60204	Business Ethics and Values	4	-
4	MGT60504	Strategic Management	4	MGT60104
5	BUS60404	International Business Issues and Policies	4	BUS60104
6		Elective II	4	-
7		Elective III	4	-
8		Elective IV	4	-

Electives for the Programme:**Year 2 Electives**

No	Module Code	Module Title	Credit Hours	Prerequisites
1	ADV60604	Brand Management	4	MKT60104
2	ECN60404	International Trade and Multinational Business	4	-
3	MKT60904	Retail Marketing	4	MKT60104
4	ACC60404	Management Accounting	4	ACC60104
5	COM60604	Intercultural Communication	4	-
6	MGT60204	Production and Operation Management	4	-
7	CSC60404	Management Information System	4	-
8	MKT62204	Marketing Management	4	MKT60104

Year 3 Electives

No	Module Code	Module Title	Credit Hours	Prerequisites
1	BUS60304	Entrepreneurship and Small Business	4	-
2	OBM60204	Organisational Studies	4	OBM60104
3	HRM60804	International HRM	4	-
4	MKT60704	International Marketing	4	MKT60104
5	ECN60704	International Economic Theory and Policy	4	-
6	OBM60304	Cross Cultural Management	4	BUS60104
7	MKT60804	Market Analysis and Decision Making	4	MKT60104; MKT60204
8	MKT61304	Contemporary Issues in Marketing	4	MKT60104
9	MKT61404	Interactive and Digital Marketing	4	MKT60104

MODULE SYNOPSIS

Module Title	Module Synopsis
Introduction to Accounting	This module is both an introduction to the technical aspects of financial accounting and also to the financial community. As a member of the financial community you will be expected to be up-to-date on current business and financial events.
Introduction to Management	This module is designed to provide the candidate with the basic concepts and principles of management in organisations. It focuses on the context of managerial activity and covers the four major functions of management i.e. planning, organising, leading and controlling and places them in a historical, political and economic context.
Business Communication	Business Communication equips students with the necessary written and spoken skills for effective business communication. Students are exposed to various business correspondences and taught practical strategies to write convincing messages. Students are also taught to strategize, and to use appropriate and ethical approaches in writing not only routine messages, but also persuasive and negative messages. Listening and speaking skills are also focused on to ensure effective interpersonal communication. This module also emphasises the need for business communication to be seen in a global context where various considerations such as technological advances and ethical considerations play a vital role in ensuring that all business messages achieve their aims in a positive manner.
Microeconomics	In a continuously ever changing globalised business environment, businesses need to make quick, well informed and correct decisions in order to survive. This module is concerned about the principles of microeconomics as they apply to the business environment. The module outlines the various microeconomic tools of analysis and analytical frameworks that are essential for business students to learn and understand to enable them to comprehend the economic environment of business in a structured way. It complements other Year One business modules and provides a basis for Year Two and Three modules in both business and economics.
Quantitative Methods for Business	This module is designed to provide students with an appreciation of the application of analytical tools to business decision contexts. It also develops students' abilities to access and critically interpret statistics and business information. The module places strong emphasis on developing a clear theoretical understanding of various analytical tools. This is particularly true in business where learning to deal with randomness, variation and uncertainty is a vital skill for anyone intending to apply their knowledge in any employment. Students will also gain an introduction to many of the quantitative techniques which will be used throughout their further studies in their chosen discipline.
Introduction to Finance	This module introduces main concepts and methods associated with financial decision-making for individuals and enterprises: the concept of cash flow valuation, evaluation of financial performance, valuation of securities, risk and returns, capital budgeting, and an overview of international finance.
Principles of Marketing	This module introduces students to the key marketing concepts and strategies employed by marketers in facing the challenges in a dynamic business environment. It develops an understanding of the overall process of planning, implementation and control in the contemporary business environment. This module provides students with the needed

	conceptual skills to identify, analyse and solve marketing problems. This module also provides a foundation for those who intend to further study in the marketing field or other business related modules.
Organisational Behavior	This module is designed to provide the candidate with an introduction to psychological and behavioural approaches to the study of work and organisations. The module introduces some of the basic analytical tools and concepts from the fields of organisational behaviour and work psychology that encourage an understanding of the behaviour of individuals and groups in the workplace.
Macroeconomics	In an increasingly globalised world, countries and their governments need to be able to make quick, well informed and correct decisions in order to achieve their macroeconomic objectives. This module looks into the workings of a domestic economy and the policies that governments may implement to improve the business environment. The module outlines the various macroeconomic tools of analysis and analytical frameworks that are essential for business students to learn and understand to enable them to comprehend the national and global economy in a structured way. It complements other Year One business modules and provides a basis for Year Two and Three modules in both business and economics.
Business Law	This module provides the foundation for all law modules in the Bachelor of Business. It provides students with an overview of the Malaysian legal system and a basic coverage of the underlying legal principles governing business. The substantive laws covered in this module includes the Law of Contract, the Law of Torts, Sales of goods, the Law of agency, insurance, employment law and business organisations. Students will have the opportunity to develop skills in critically analysing legal problems and issues affecting business and applying the legal principles in solving these issues.
Consumer Behavior	The field of consumer behaviour attempts to explain and predict the ways in which consumers think and behave in given situations. Consumer Behaviour investigates the manner that people interact with products and their marketing environment. This can include the purchase of products, the consumption of services, or the disposal of goods. Understanding consumers enables marketers to more effectively meet the needs of buyers in the market, and be more successful in the market. This module focuses on studying the process of consumer decision making and the resulting implications for marketing strategy. Concepts and theories covered in this module are essential for consumer analysis and the development of effective marketing strategies. To understand consumer behaviour, it is important to understand some concepts and theories borrowed from fields such as psychology, sociology, economics, etc. In addition during this module students will explore many social, cultural and marketing factors that influence the selection and usage of products and services.
Introduction to International Business	The module is designed to provide students with an insight into International Business. It covers a practical framework for understanding the key issues, current relevant principles and concepts to be considered in doing business abroad. The goal of the module is to help students to understand the basic principles of international business and their impact on the world's economy. International Business introduces students to various issues and challenges associated with the formulation and implementation of strategies in business organisations whose operations stretch across national borders. Throughout the module, students will be systematically introduced to the complexities and challenges of leading and managing a "global" company. Further, the module will provide

	students with an opportunity to integrate business decisions with the ethical and social responsibility considerations inherent to playing on a global field.
Export Practices and Management	There are new opportunities & challenges arising in global marketing and exporting. In order for any organisation to take advantage of the opportunities present as well as to rise above the challenges faced, it has to be adaptable to changes. Opportunities are expanding as international trade continues to grow rapidly. The role of ecommerce is to enable even the smallest business to find potential customers and means of distribution across the globe. The challenges of it would be increased competition, disruptions of trade flows (military), natural disasters etc. This module focuses on the marketing decisions as well as the management processes involved in developing export and other types of international marketing operations. Among areas that will be touched upon would include the most important emerging markets (China & India) in the modern business world, the increased importance of cultural differences in all aspects of exporting, the management of the Supply Chain and logistics.
Integrated Marketing Communications	This course deals with advertising management from theoretical and practical perspectives. It will expose students to various managerial and strategic decisions relating to advertising management. Topics covered will be: the structure of the advertising industry, management of the relationship between agency and client, creative advertising strategy, media developments, budgeting, international advertising considerations, advertising research techniques and ethical issues in advertising and promotion.
Research Methods	This module examines research designs commonly used in business decision making. Topics include research design, implementation and finally interpretation of research as these are related to problems in an organisational setting. This module will also cover issues on access and research ethics. This module provides a guide to the research process and the needed knowledge and skills to undertake research as well as highlights some common research pitfalls. At the end of this module, students will learn a range of research approaches, strategies and methods in handling their research projects. Skill development in statistical applications software is also one of the objectives of this module. Students are required to submit a research proposal as part of the module requirements.
International Finance	This module introduces main concepts and methods associated with international financial decision-making for multinational business: the concept of multinational financial management, FOREX, risk analysis and tools, financing foreign trade, international portfolio investment and corporate strategy.
Transnational Management	This module focuses on management's challenge associated with developing strategies, designing organisations and managing operations of companies whose activities stretch across national boundaries. Operating in an international arena will provide various opportunities for the company. This is because having worldwide operations not only gives a company access to new markets and specialized resources but it also opens up new sources of information as well as knowledge and broadens the options of strategic moves the company might make in competing with its domestic and international rivals. Like any other opportunities provided by cross-border management, companies will still have to face the challenges of managing strategy, organisation and operations that are innately complex diverse and uncertain. In this module a conceptual baseline would provide for a more detailed

	discussion of the various issues faced in the cases presented. Some typical attitudes and mentalities would normally shape the actions of managers in MNCs (Multinational companies) and suggest how these attitudes and mentalities evolve as their off-shore operations progress from the state of initial investments to a fully integrated worldwide network of affiliates.
Services Marketing	This module introduces several unique characteristics of services that require a distinctive approach to marketing strategy – both in its development and execution. Students will be exposed to organisational effort in improving service quality, increasing and maintaining customer satisfaction levels, generating customer loyalty, managing the service demand and creating a healthy service culture within the firm. The 7 Ps of the 'Services Marketing Mix' (the traditional 4 Ps plus people, processes, and physical evidence) will be elaborated in examining successful internal marketing in addition to the more traditional customer-focused external marketing.
Business Ethics and Values	This module provides an understanding of the ethical issues and dilemmas affecting managers in organisations and developing an appreciation for, professional responsibility and integrity. It aims to raise awareness of the practical issues facing people in business, introduce a framework or guidelines for analysis and decision making, and enhance students' ability in reasoning towards resolving the dilemmas based on ethical principles. The discussions of ethical issues are used as an avenue for further improvement in analytical and communication skills.
Strategic Management	This module is designed to provide the candidate with a comprehensive understanding on how organisations are managed strategically with the emphasis of putting theory into practice. The major areas in strategic management that includes strategy formulation, implementation and evaluation are taught together with appropriate case analysis.
International Business Issues and Policies	<p>"International Business Issues and Policies" is the capstone module for the International Business major. In this module, we will examine both the principles associated with the formation and implementation of business strategy, as well as the latest research about business strategy, which challenges traditional ways of thinking. Those ideas will be applied via case studies and simulations.</p> <p>Globalisation means that almost every company is affected by competition from foreign enterprises. Many firms are seeking opportunities to enter new foreign markets and expand the ones that they have already penetrated. Managing in a globalised environment requires knowledge of the regulatory and policy systems of international trade. This module provides this essential knowledge explaining both the theoretical and practical dimensions. The broad aim is to provide insight into current issues that play a dramatic role in the business landscape and to understand the current challenges facing businesses as constituents in the broader societal context. In addition, students will be familiar with the strategic and management issues currently faced by various organisations through a consideration of the structure and challenges of the industry at the global, national and provincial levels.</p>
Brand Management	One of the pertinent responsibilities of the marketing manager is the effective management of the company's existing brands in the marketplace, and ensuring the successful introduction of new brands. This module will concentrate on central issues in brand management – defining brand equity and brand values, developing a branding policy for products and services, and understanding the diffusion of innovation as an effective market oriented strategy.

International Trade and Multinational Business	In an ever progressing and changing business environment; trade, finance and investment play a crucial and significant role in the world economy. This module concentrates on the introduction of the key theories explaining international trade, finance and investment. Framework of this module will give importance to expose learners with to the fundamental concepts of international trade, finance and investment and tools that are essential for them to understand and analyse the operation of international currency markets and the different types of exchange rate regimes. It complements other Level Two Economics/Finance modules and provides a basis for Level Three Economics/Finance modules.
Retail Marketing	This course provides the students with a comprehensive view of retailing and the application of marketing concepts in a practical retail managerial environment. Through the analysis of the retail marketing mix, the course focuses on the retail marketing environment; consumer behaviour in retail; the selling environment ; retail segmentation , targeting and positioning; retail location ; merchandise selection; retail pricing, promotion, advertising , branding and electronic retailing.
Management Accounting	This module is an introduction to the basic techniques of management accounting and its role in the manufacturing and service business environments. Management accounting techniques are applied in all organisations. Students learn that with the current competitive business environment, good application of costing system would help organisations to compete.
Intercultural Communication	This course introduces students to the role of cultural patterns and cultural profiles of nations in different parts of the world. At the end of the course, students will be able to increase their understanding of the relationship between culture and communication from various cultural backgrounds. They will also be able to identify and analyze the role of cultural patterns and obstacles to competent intercultural collaboration in the development of intercultural group working relationships, thus making business deals easier by avoiding costly misunderstandings.
Production and Operation Management	This subject details the management perspective on the production and operations function in a business. It provides a strong review of the important concepts which underpins the POM task, and sets the relevant issues and techniques within the broader context of the management and control of the whole business. Contemporary topics on global competition, quality management, customer service and JIT, their influences are discussed.
Management Information System	This subject provides an introduction to management information systems (MIS) that business students will find vital to their professional success. It is neither solely a technology course, nor a business course, but necessarily a combination of both. In essence, it aims to equip students with fundamental knowledge that allow them to critically understand and assess future technological movements, problems and concepts that they will face in their professional careers.
Marketing Management	This course provides the students with a comprehensive view of marketing management and the application of marketing concepts in a practical marketing environment. Through the analysis of the marketing mix, the course focuses on marketing strategies development; understanding marketing insights; customers; brand building; communicating and delivering value to create long-term growth.
Entrepreneurship and Small Business	This course is for students who wish to learn the principles and processes of small business and entrepreneurship. It is designed for individuals interested in starting a new business venture, acquiring an

	existing business, or working in industries that serve entrepreneurs. The course provides an overview of the many principles and processes of entrepreneurship and small business management.
Organisational Studies	This module is designed to provide the candidate with the capacity to analyse an organisation from a multiple perspective framework that involves 'reading' the organisations and interpreting organisational situations from these different perspectives so as to understand better how the organisation functions.
International HRM	Human resource management issues play a significant role in strategy and decision making- whether a company is considering its international presence, transitioning to a global entity or acquiring new business lines. Students will examine the critical role that HRM plays in the competitive and collaborative world of international business. The module topics include strategic HRM in multinational companies, international staffing, managing expatriate, international compensation, careers and repatriation, issues in the management of industrial relations in international firms, contemporary and emerging issues in international human resource management.
International Marketing	This module is designed to introduce students to advanced marketing concepts and practices in a global business environment. A comprehensive overview of the dynamics and trends in international marketing include market analysis, strategic planning, market selection and entry strategies, product positioning, integrated marketing communications, distribution, and pricing. Special emphasis will be placed on the development and delivery of international marketing plan where students have the opportunity working with a Malaysian firm. The module addresses the skills necessary for evaluating, developing, and delivering marketing programmes for a global and multicultural audience.
International Economic Theory and Policy	This subject examines the various analytical techniques used in capital budgeting decisions and the capital structure decisions. Capital structure, estimation of cost of capital and the dividend decisions are examined from an empirical and theoretical viewpoint. Other topics include the dividend decisions and the relationship between financing decisions and the cost of capital.
Cross Cultural Management	This module examines organisational and individual behaviours, structures and management practices in multinationals and in business situations involving cross cultural interactions. This will be helpful to anyone as it equips one with both analytical and practical skills to help in the management of multinational firms. The focus is on the management of cultural differences. This challenge is not unique to multinationals as many domestic firms also face multicultural environments (e.g., ethnically diverse employees and/or customers). A variety of theories that relate culture to behaviour in general and management in particular. An analytical framework that facilitates adaptation of managerial practices and organisational structures to cultural differences. A focus on the practical application of the framework to shaping individual and organisational behaviours. There will be special attention paid to the following areas: organisational design, negotiation processes, and communications. It is hoped that through simulations and exercises students will develop their skills of communicating and managing in diverse cultural environments and in cross cultural situations.
Market Analysis and Decision Making	Models of marketing phenomena are used to provide information that may be applied in decision-making and in determining the likely consequences of marketing actions. This module introduces the conceptual and practical issues in developing models to aid in decision making in marketing. It considers a wide range of problems, with students

	developing practical skills in model building in applied computer sessions.
Contemporary Issues in Marketing	Modern marketing is a complex managerial process which is driven by micro and macro forces. In a market driven organization involving domestic and international markets, customers are the nucleus and central of managerial efforts such as planning, implementing and control. One of the important responsibilities of the marketing manager is the effective management of the company's existing brands portfolio in the global marketplace, and ensuring the successful management of the company's value proposition to the customers in a global perspective. The module aims to provide students with an in-depth understanding of contemporary issues in marketing practices and encourages critical thinking about marketing theories and best practices. Particular attention will be given to the changing global business environment and its challenges for global firms. It critically reviews contemporary issues in marketing and provides insights into the development of competitive strategies and global marketing management within the context of consumer goods, industrial goods and services.
Interactive and Digital Marketing	With the internet technology, consumers are able to expose to wider choice of products to satisfy their needs and wants. This technology also enable consumer to search and even compare products from different supplier. Thus the internet has transformed the way an organization market their products. This module will expose students to various internet marketing fundamentals concept. it also provide student in formulating an internet marketing strategy as well as implementing it

FACULTY OF HEALTH & MEDICAL SCIENCES

SCHOOL OF BIOSCIENCES

BACHELOR OF BIOMEDICAL SCIENCE (HONS)

No	Module Code	Module Title	Credit Hours	Prerequisites
1	BIO62404	Medical Parasitology	4	MIC60104 Introduction to Microbiology
2	BIO62504	Clinical Genetics	4	BIO60204 Principles of Biochemistry
3	BIM60304	Immunology	4	BIO61904 Basic Anatomy with Histology and Haematology
4	BIO61604	Applications of Bioinformatics	4	BIO60204 Principles of Biochemistry
5	MIC60804	Medical Microbiology	4	MIC60104 Introduction to Microbiology
6	RES60204	Research and Laboratory Management	4	-
7	BIM60604	Epidemiology, Public Health and Bioethics, Biostatistics	4	-
8	NUT60404	Nutritional Biochemistry	4	BIO60204 Principles of Biochemistry
9	NUT60704	Applied Nutrition	4	-
10	NUT60804	Community Nutrition	4	-

MODULE SYNOPSIS

Module Title	Module Synopsis
Medical Parasitology	Medical parasitology involves the study of organisms that live inside the human host and cause diseases. This module will focus on some of the most important parasitic diseases that contribute to global health burden. The life cycle, biological system, transmission and pathogenetic mechanisms of various medically important parasites will be taught. Students will also learn about the different parasitic diseases and the ways by which they can be treated and diagnosed. The ways by which the host immune system interacts with invading parasites, the current approaches in control, elimination and eradication of parasitic diseases, as well as the key developments in parasitic research will also be discussed. This module incorporates a practical component, where students will learn about the various ways to differentiate parasites under the microscope and methods to diagnose parasitic diseases.
Clinical Genetics	Clinical Genetics will provide an overview of human genetics and epigenetics and their relationships to complex phenotypes, inheritance, evolution and health and diseases. Students in this module will gain knowledge of some common human genetic diseases including hereditary cancers and inborn errors of metabolism. Insights from the recent advances in genomic research (e.g. human genome reference projects) and the application of human genetics in genetic screening, genetic counseling and biomedical ethics will be addressed. Practical

	sessions in this module will introduce students to the important techniques used in molecular genetics and bioinformatics analysis.
Immunology	Immunology is essential science for knowing how human body distinguishes components of “self” and “non-self”. Immune system works to eliminate invading microorganisms, tumor cells, foreign substances and transplants. This module introduces components of immune system and how individual component integrates for effector function. Students will learn the details of molecular and cellular mechanisms of immune responses. Clinical and applied immunology emphasize on diseases cause by disorders of immune system, immune responses to transplants and tumor cells, as well as the use of components of immune system for clinical laboratory diagnostics. Laboratory practicals are designed for students to gain experience mainly in conducting diagnostic tests.
Applications of Bioinformatics	This module introduces fundamental concepts and tools of bioinformatics and its application using current examples. Topics will cover the basic theory and practice of bioinformatics. Genomics produces large scale data sets that require bioinformatics approaches for data storage, manipulation and analysis in order to achieve better understanding of basic biological processes. Key areas that will be covered include biological databases, analysis of DNA, RNA and protein sequences, genome analysis and comparative genomics, genome-wide expression data, protein analysis and proteomics, and lastly, protein-protein interactions and the analysis of biological networks.
Medical Microbiology	Medical microbiology involves the study of microorganisms that can cause disease in the human host. This module will focus on major infectious diseases that are threatening human health globally. The epidemiology, biology, pathogenesis, signs/symptoms, transmission, diagnosis and treatment of infectious diseases due to microorganisms will be taught. In addition, the ways by which the host immune system interacts with microorganisms and the effect on clinical outcomes will be discussed. Students will also learn about the ways to treat disease and control infectious microorganisms, through the use of drugs and vaccines. This module also incorporates a practical component, where students will learn the basic microbiological laboratory techniques that can be used in bacterial identification and diagnosis.
Research and Laboratory Management	Laboratory and research management is a challenging task due to the changes in the trends and multi-disciplines of life science research. Therefore, there are high demands of laboratory managers who can effectively manage these challenges and create creative solutions to daily laboratory associated issues. This course emphasizes on problem-based learning approach and the teaching of principles of laboratory management; provides indispensable principles of life sciences research management from the initiation of research problem, intensive literature search, research planning, data analysis, reporting of scientific findings, current trends in life science research and critical understanding of copyright and regulations in research profession. This module includes illustrative cases presenting management problems by focusing on thought-provoking questions to enhance critical thinking skills as a reinforcement of theoretical content, and also to simulate real-life situation. The fundamental understanding and concept on commercialization involving developing prototype, patenting, business plan, pitching, funding, licensing and royalties will be taught. This module serves to equip students with knowledge essential for a profession in life science research.

Epidemiology, Public Health and Bioethics, Biostatistics	This module teaches the epidemiology of communicable and non-communicable diseases; methods used for epidemiological studies and surveillance; the social and political influences on patterns of health and healthcare; effective public health practice and health promotion, simple biostatistical analysis and interpretation of study findings.
Nutritional Biochemistry	This module describes basic cell physiology and the various nutrients and their roles in metabolism. It describes the various nutrients and how they are digested, absorbed and transported throughout the body. The role of water, an important nutrient, is described and how it contributes to the well-being of the individual. The metabolism of the various macro nutrients is described and how theory contributes to the production of energy and supply of intermediates for biosynthesis. The concept of vitamins and minerals as coenzymes and cofactors of enzymes is discussed. The role of the various nutrients in health and disease is illustrated with the use of a number of metabolic diseases.
Applied Nutrition	This module is built on the knowledge gained by the students in the previous nutrition modules and covers applied aspects of nutrition. It includes learning about nutritional assessments and tools to design a healthy diet and nutritious meals, energy balance and weight control, food composition and nutrient data bases, food choices and eating habits and their impact on nutritional status, dietary management of lifestyle diseases, applied food processing technologies to provide nutritious functional foods and nutraceuticals.
Community Nutrition	This course is organized into four sections: nutrition in the diverse communities of Malaysia; nutrition programs for the communities; understanding nutrition-related primary prevention of disease; and an exploration of disease management and care of disease through nutrition. It focuses on nutritional epidemiology in prevention and disease, the national nutrition policies and programs, and how the community nutrition professional functions in these environments. The progression of nutrition care from early public health initiatives to today's contemporary approach in multicultural and multiethnic communities is discussed. The basic principles of nutrition programs and evidence-based practice within a community nutrition context are discussed.

BACHELOR OF SCIENCE (HONS) (FOOD NUTRITION)

No	Module Code	Module Title	Credit Hours	Prerequisites
1	BIO60904	Cell Biology	4	-
2	CHM61104	Fundamental of Chemistry	4	-
3	MIC60104	Introduction to Microbiology	4	-
4	NUT60104	Introduction to Food Science and Nutrition	4	-
5	BIO60204	Principles of Biochemistry	4	-
6	STA60204	Introduction to Biostatistics	4	-
7	FSC60104	Food Chemistry	4	CHM61004
8	FSC60904	Food Physics	4	CHM61004
9	FSC60304	Food Microbiology	4	MIC60104
10	FSC60404	Food Preservation	4	FSC60304
11	FSC60504	Food Processing	4	FSC60104
12	NUT60504	Food and Nutrients Evaluation	4	FSC60104
13	NUT60604	Techniques in Food/ Nutrition Research	4	FSC60104
14	PRJ63404	Food Product Development		FSC60104, FSC60304, FSC60404, FSC60504, NUT60504

MODULE SYNOPSIS

Module Title	Module Synopsis
Cell Biology	<p>This module introduces the student with a comprehensive understanding of cell structures and functions, including how cells divide, genetic information systems, generate energy, coordinate complex processes and communicate in a living system. The core concepts of molecular cell biology and techniques which are essential to build up the strong foundation in any of the core disciplines covered in the programme.</p> <p>The teaching and learning approach for the module will be real-life problem-based learning, with students engaging with practical tasks during the practical sessions and demonstrate their understanding, thoughts and reflection via written reports and presentation. The module is supported by a combination of lectures (face-to-face and online learning) and tutorials. There is regular review, feedback and critique sessions to assess progress and alignment to the learning outcomes in relation to the brief. Students will be assessed continuously to gauge acquisition of knowledge via formative online quizzes, writing and analytical skills through practical reports, communication skills through oral presentation (group-based) to reflect current challenges in today's life sciences world.</p>

Fundamental of Chemistry	<p>Chemistry is an indispensable knowledge of sciences. This module emphasizes three main parts namely physical chemistry, inorganic and organic chemistry. The module content will focus on the fundamental concepts in bonding and quantitative aspects of chemistry, periodic trends, coordination chemistry and organic functional groups.</p> <p>Module content will be delivered in lecture-style settings and concepts will be extended in detailed problem-solving exercises. Tutorials will be a mixture mode of face to face and online discussion between instructor with students and among peers to strengthen the knowledge and solve chemistry related questions. Students will work with each other in implementing the experimental schemes and they will be equipped with relevant experimental and result analysis skills. The students will also work on a group assignment to extend their knowledge in chemistry in related biosciences area.</p>
Introduction to Microbiology	<p>This module is designed to provide an introduction to basic microbiology, which includes the diversity of prokaryote and eukaryote microorganisms, the evolutionary relationship of microorganisms, the structural and physiological characteristics of microorganisms, the relationship between microorganisms with the environment and human, and the roles of microorganisms in food, pharmaceutical and environmental management industries. General microbiology laboratory skills are included. These fundamental knowledge are the important as introductory topics required for more specific area of microbiology such as bacteriology, virology, mycology, microbial physiology and applied microbiology.</p> <p>The learning and teaching approach for the module will be lecture, practical and online practice question. In practical classes, students will be going through guided experiments and analyzing data obtained during the practical sessions. The module is supported by a combination of online videos and supplementary reading materials</p>
Introduction to Food Science and Nutrition	<p>This module is a prelude to more detailed studies, understanding and application of the core elements that comprise the basic or foundational requirements of a formal food science & nutrition degree program. It traces the evolution of food science as a serious scientific discipline, introduces the core content areas (food chemistry & analysis, food safety & microbiology, food processing & preservation, etc.), discusses current national and international issues of concern related to food and nutrition, and looks at the myriad of career opportunities open to food science & nutrition graduates. This module includes field trips to a local farm and food service/manufacturing establishments, as well as practical demonstrations to reinforce theory.</p>
Principles of Biochemistry	<p>Principles of biochemistry primarily focused in the biochemistry of humans. It is known that the basic principles of biochemistry are common to all living organisms. This module provides an introduction to biomolecules in living systems. Students are introduced to the basics of bioenergetics before progressing to studying energy metabolism pathways and their regulation. The individual pathways will then be integrated together to give students a holistic view of energy metabolism. This module also introduces the basic theoretical knowledge of molecular genetics.</p> <p>The learning and teaching approach for the module is supported by a combination of online lectures and tutorials, with students engaging with practical tasks during the laboratory sessions. The module is supported by a combination of online lectures and supplementary reading materials.</p>

	Students will be assessed continuously to gauge acquisition of knowledge via formative online quizzes, writing and analytical skills through practical reports, teamwork dynamics via group discussion, self reflection towards learning demands and challenges in the module through reflective journal and a final written assessment to assess ability for integrating knowledge in biochemistry.
Introduction to Biostatistics	Statistics are employed in many fields such as business, engineering economics and education. When the data analysed are derived from the food and health sciences, the terms Biostatistics is used to differentiate this particular application of statistical concept. This module is designed to teach students to organise and summarise scientific data as well as how to make decisions about a large body of data by examining only a small part of the data. This analytical skill is essential so that the students are able to communicate information effectively to someone else as the situation demands. Hence, the module provides the students an understanding of the nature of scientific data and the applications of various statistical methods. It aims to equip students with the statistical skills needed to become effective analytical decision makers. Topics of lectures include descriptive statistics, quantitative plots, probability, hypothesis testing, chi-square test, linear regression, logistic regression and non-parametric methods. The module also provides students with the opportunity to use SPSS to perform statistical analysis and present results.
Food Chemistry	This module introduces the chemical structures of major bio-molecules such as water, carbohydrates, fats, proteins, and other minor components including vitamins, minerals, colours, flavours and additives in food systems. The reactions of these components that govern the functional properties of foods and affect the shelf life, nutritional content and quality attributes of food are also covered. The teaching and learning activities are designed based on blended learning approach, which cover face-to-face and online lectures and tutorials. This module provides hands on laboratory experience in determination and evaluation of food chemical/ biochemical properties. Besides, it provides student-centered learning experience through group discussions and projects related to real world problems associated with the food industry. Assessments include written examinations, practical skills, assignment, and practical reports.
Food Physics	Food Physics is an introductory but wide-ranging module that deals with (1) physical principles that are relevant to the processing and preservation of foods and (2) the physical properties of food materials and their measurement. It draws attention to the importance of these properties to food quality, the changes that can occur during processing and storage, and manipulation of such properties which is integral to good product design. Teaching and learning will be carried out through a mixture of F2F and online lectures, tutorial and practicum. Students will be assess to apply and solve problem related to physical properties of food with excellent flexibility to achieve good food quality, process and analysis by using relevant information/ logical reasoning and managing challenges related to food physics. The assessments include group assignment, laboratory skill test, final examination and self reflection.
Food Microbiology	This module provides the overview of the principles of food microbiology in regards to the roles of microorganisms in food that may involve in food spoilage and food-borne diseases; identifying the potential microbial hazard; control methods of microbial hazard associated with food; fermentation processes involving microorganism in food production;

	laboratory skills in microbial quality control inclusive of aseptic food sampling, microbial testing and analysis; cleaning and sanitization of food, food processing equipments and food production rooms; the risk assessment and managing in food industry. Teaching and learning will be carried out based on student-centred learning approach through a mixture of F2F and online lectures, tutorial and practicum.
Food Preservation	This module introduces various preservation technologies used in the preservation of fresh, minimally processed, and processed foods in terms of their principles, mode of action, materials and equipment employed. In addition to the study of preserving foods through the application of heat, chilling and freezing, modification of water activity, use of chemicals, and fermentation, non-thermal physical techniques (high pressure processing, irradiation, and ultrasound) and the role of packaging in relation to food preservation are also covered. The teaching and learning activities are designed based on blended learning approach, which cover face-to-face and online lectures and tutorials. This module provides hands on laboratory experience in evaluation of effects of different food preservation techniques to the quality, nutritional value and shelf life of foods. Besides, it provides student-centered learning experience through group discussions and projects related to real world problems associated with the food industry. Assessments include written examinations, practical skills, assignment, and practical reports.
Food Processing	This module provide an introductory knowledge on the science of foods including a comprehensive understanding of food composition and properties, processing and analysis of foods, food evaluation, food safety and quality assurance. With hands-on practical, this module provides an opportunity for students to develop their basic laboratory skills and understand the strengths and limitations of proximate analyses, thereby enabling students to justify the choice of analytical techniques that are most suitable for certain food materials. This module is to allow students to learn various unit operations used in food processing and preservation, biochemistry of food processing, food processes, process control, sanitation and water and waste management. The knowledge the students gain from this module will equip them for their future career in food industry.
Food and Nutrients Evaluation	The module provides an introductory knowledge on the science of foods including a comprehensive understanding of food composition and properties, processing and analysis of foods, food evaluation, food safety and quality assurance. With hands-on practical activities, this module provides an opportunity for students to develop their basic laboratory skills and understand the strengths and limitations of proximate analyses, thereby enabling students to justify the choice of analytical techniques that are most suitable for certain food materials. This module is supported by a mixture of face-to-face and online lectures, tutorial and practicum, covering theories that includes the identification of appropriate method for analysis of food and nutrients composition in the food industry (final examination); perform the lab experiment analysis (individual laboratory skill test); critically analyse the experimental data (online forum); and present the data effectively through written report.
Techniques in Food/ Nutrition Research	The module is designed to enable student to understand the principles of instrumental analysis, which also allows student to better understand the potential application of instrumental analysis for food analysis. Blended learning will be utilized as the mode of delivery for this module. The information and knowledge will be managed and transferred using both traditional and digital methods through approaches such as lecture,

	discussion, demonstration (practical session), case studies, games, virtual lab and projects. Student feedback and response from these learning activities will serve as a formative assessment to monitor student learning. The assessment methods include written, assignment, reflection and practicum, which will determine students' content knowledge and transferable skills such as social competencies & lifelong learning. At the end of the module, students should be able to understand the principle of instrumental analysis and able to apply such principle in food analysis.
Food Product Development	This unit involves students working in a team of two to four students in the development of food product using various available resources. Emphasis of this unit is to apply basic knowledge gained in other modules such as food chemistry, food microbiology, food processing and preservation, food standards and regulations and food quality and safety management, in a simulated food industry research and development setting. Preliminary product description, prototype development, product testing and product commercialization and launching will be discussed in addition to issues related to product development such as product quality and safety as well as intellectual properties.

FACULTY OF SOCIAL SCIENCES & LEISURE MANAGEMENT

SCHOOL OF MEDIA AND COMMUNICATION

BACHELOR OF MASS COMMUNICATION (HONS)

COMMON CORE

No	Module Code	Module Title	Credit Hours
1	COM60504	Intro to Mass Communication	4
2	COM61704	New Media and Society	4
3	COM60604	Intercultural Communication	4
4	COM60704	Media Writing	4
5	COM60904	Innovative Media	4
6	COM61004	Visual Communication	4
9	COM60404	Communication Theory	4
13	RES60104	Research Methods	4
14	COM61104	Interactive Media	4

SPECIALISATION

ADVERTISING

No	Module Code	Module Title	Credit Hours
1	MKT60104	Principles of Marketing	4
2	ADV60104	Advertising Principles	4
3	ADV60304	Creative Copywriting	4
4	ADV60404	Advertising Design & Execution	4
5	ADV60604	Brand Management	4

PUBLIC RELATIONS

No	Module Code	Module Title	Credit Hours
1	PRL60104	Public Relations Principles	4
2	PRL60204	Promotional Writing	4
3	PRL60304	Publicity and Media Relations	4
4	PRL60404	Crisis Management	4
5	COM61204	Organisational Communication	4

BROADCASTING

No	Module Code	Module Title	Credit Hours
1	BCA60104	Broadcasting Principles	4
2	BCA60204	Writing for Broadcast	4
3	BCA60304	Audience Studies	4
4	BCA60404	Radio and TV Production	4
5	BCA60704	Broadcast Performance	4

JOURNALISM

No	Module Code	Module Title	Credit Hours
1	JRN60204	Print News Reporting	4
2	JRN60104	Photo Journalism	4
3	JRN60404	Reporting for New Media	4
4	JRN60504	Newspaper and Magazine Production	4
5	JRN60304	Creative Writing	4

MODULE SYNOPSIS

COMMON CORE

Module Title	Module Synopsis
Intro to Mass Communication	This course outlines a basic understanding of the various types and roles of different traditional and new media industries as well as the related institutions of journalism, advertising and public relations and their respective structure, support and influence. Particular attention will be paid to mass communication issues relating to the rise of digital media such as trends, convergence, globalization and challenges. Mass media and communication in the Malaysian context will also be explored.
New Media and Society	This module explores latest communication technologies and its diverse usage in our globally wired world. The social impact of new media will be examined within the context of politics, culture and business.
Intercultural Communication	This course outlines the personal and theoretical understanding of the cultural origins of people's values, ideologies, habits and how they affect communication across cultural, racial and ethnic lines. It also seeks to develop awareness and increased understanding among peoples of different cultures, an appreciation of this rich diversity, and to offer tools for a lifeline of continued growth in intercultural competence.
Media Writing	This course prepares students to be able to write for the various media, each of which requires distinct styles and approaches. It takes the student through a survey of the different styles, an understanding of the nuances, and an appreciation for the underpinning theories that influence the crafting of written communication. Ample practice is given to

	developing the writing skills for efficient and effective writing for the media.
Innovative Media	This course is an introductory of new media studies and skill-based digital media course which enable students to explore, develop and apply in the areas of Mass Communication. It also ventures into creativity of digital media application by creating and manipulating various multimedia elements.
Visual Communication	This course outlines the basic understanding of visual literacy and communication within the current media industries through the comprehension of design elements and principles. It also focuses on the practical application and ethical considerations of the visual aspect in screen and print based visual communication design.
Communication Theory	This course outlines the concepts, roles, goals and changes in mass communication theories. It introduces the connections between communication theories and research. It also introduces the basic theories of mass media effects and media issues.
Research Methods	This module examines research designs commonly used in decision making. Topics include research design, implementation and interpretation of research as these are related to problems in an organizational setting. The module also explores the language of research, research ethical principles and challenges, and the elements of the research process within quantitative, qualitative, and mixed methods approaches. This module provides a guide to the research process and equips students with the needed knowledge and skills to undertake research. At the end of this course, students will learn a range of research approaches, strategies and methods in handling their research projects. Students are required to submit a research proposal as part of the module requirements.
Interactive Media	This course outlines the types of authoring platforms, interactive design principles, interactive scripting in authoring in the current industry practices. It also focuses on practical application of the current industry used application for both CD-ROM and online interactive applications.

ADVERTISING

Module Title	Module Synopsis
Principles of Marketing	This course introduces students to the key marketing concepts and strategies employed by marketers in facing the challenges in a dynamic business environment. It develops an understanding of the overall process of planning, implementation and control in the contemporary business environment. This course equips students with the necessary conceptual skills to identify, analyse and solve marketing problems. It also provides a foundation for those who intend to further their study in the marketing field or other business related courses.
Advertising Principles	This course outlines the history, development, scope, structure and nature of advertising. It also introduces various issues and trends in the advertising industry today.
Creative Copywriting	This course is designed as a skills course focusing on the creative aspects of advertising specifically copywriting. The emphasis will be on how to research for information on both product and consumer and apply this information to develop creative ad copy for various media.

Advertising Design & Execution	This course provides the in-depth learning of creative practices in the advertising media industry. It solely focuses on the creative process and execution of an advertising strategy/plan through the understanding of design and production fundamentals.
Brand Management	This course outlines the theory and practice of brand management. It delves into the theories, concepts, issues, principles, processes of Branding by considering it from the perspective of Marketing, Management, and Communication. It provides a viewpoint of the organization taking into consideration its competitive environment and the forces that affects its branding exercise. Students will have the opportunity to develop their portfolio in this subject through the development of branding through strategic processes.

PUBLIC RELATIONS

Module Title	Module Synopsis
Public Relations Principles	This course outlines the history and development of public relations, with an emphasis on providing the student with an awareness of various publics that an organisation interacts with. It also provides a grounding for students to understand the need for a strategic perspective instead of the mindset of a public relations technician. Students would be expected to keep up with current affairs.
Promotional Writing	This course introduces the concept of designing and writing promotional materials for a wide spectrum of communication media. It covers the scope and structure of the different forms of writing used in public relations, advertising and marketing.
Publicity and Media Relations	This course outlines the role of a public relations practitioner as a publicist in an organization. It also introduces to the various techniques of media relations, testing and evaluating publicity, and understanding the various types of publicity collaterals for the press.
Crisis Management	This course outlines the key responsibilities of public relations in the contemporary world by understanding the importance of managing crisis locally and internationally. The course will introduce the students to different types of crisis and offers a wide range of frameworks and methods to managing crisis.
Organisational Communication	This subject develops exceptional communication skills and understanding of the different communication theories, ethics, and practices needed in an organisation. The understanding of the communicative processes will assist an individual in his/her success in contributing positively in an organisation by empowering his/herself. Communication performs a key role in understanding ourselves as part of an interconnected network of knowledge and skills in the working world.

BROADCASTING

Module Title	Module Synopsis
Broadcasting Principles	To provide students with the basic understanding of the history, nature, operations, practice and scope of radio, television and web broadcasting. It is designed to help students comprehend the trend and convergence in broadcasting and the electronic media industry and what effects operations and development might have on individuals and the collective society.
Writing for Broadcast	Teaching and learning will be through the use of lectures and tutorials, coupled with directed and independent learning. Assessment strategy is to evaluate the intellectual engagement and investigation into the topics, through practical development and project solutions. A project brief will be given specifically targeted to allow the students to demonstrate their learning outcomes.
Audience Studies	This course outlines the history, development, scope, structure and nature of audience studies strategies in various media industries as well as the trend and convergence in media studies. It also introduces the basic theories of audience studies.
Radio and TV Production	This course outlines the nature of the radio and TV industries, the practical elements involved in producing programs. Students will learn to manage related issues as they emerge.
Broadcast Performance	This course outlines the broadcast performance is carried out. Also focuses on the scope, structure and nature of broadcast performance as well as the trend and convergence in mass communication.

JOURNALISM

Module Title	Module Synopsis
Print News Reporting	This course is aimed at acquainting students with the principles of news writing and putting them into practice. The course teaches students how to write a news story, attribute it to the news sources and learn how to conduct interviews and gather information. Students will also be exposed to various styles of hard news writing in Malaysia.
Photo Journalism	This course helps students to develop their skills in photography and storytelling through visuals. It draws upon the discipline of photography and graphic principles. The course components will enable the students to get the practical skills needed to produce relevant, well-composed and high quality photographs.
Reporting for New Media	This course introduces students to engagement with online content, touching on technical capabilities, cultural convergence of new media and old media, and its impact on news and reporting. It also prepares the student to produce on multiple platforms to meet the needs of integrated news media.
Newspaper and Magazine Production	This course helps students to develop their writing skills, designing ability and organising/managing skills. It draws upon the discipline of news production, writing for publication and designing creativity. The course components will enable the students to get the practical skills needed to produce and run a newspaper and magazine.

Creative Writing	This course helps students to develop their writing skills and build their communication confidence. It draws upon the discipline of writing for publication and links it with the rigours of literary creativity. The course components will enable the students to be informative, entertaining, and persuasive whilst observing media conventions of accuracy, brevity, and clarity.
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SCHOOL OF HOSPITALITY, TOURISM & EVENTS

BACHELOR OF INTERNATIONAL HOSPITALITY MANAGEMENT (HONS)

No	Module Code	Module Title	Credit Hours
1	HOS61304	Hotel Revenue Management	4
2	HOS61404	Hospitality Business Modeling and Simulation	4
3	HOS61504	Hotel Innovation Management	4
4	HOS61204	Hospitality Management and Leadership	4
5	HOS 40304	Food and Beverage Service	4
6	EVT 60904	Event and Tourism Risk Management	4
7	MPU2142	Bahasa Melayu Komunikasi 1(Malay Language)	2

MODULE SYNOPSIS

Module Title	Module Synopsis
Hotel Revenue Management	The discipline of revenue management combines data and operations research with strategy and understanding of today's customer. The study of revenue management must be analytical and detail orientated, yet capable of thinking strategically and managing the relationship with sales. This subject deals with the learning and understanding of the principles and elements of revenue management. Students will be exposed to the implementation of revenue management strategies. It also covers the area of performance analysis to allow students to assess the situation and to develop a suitable approach to better maximize an organisation's revenue.
Hospitality Business Modeling and Simulation	This subject comprises of a short term project, team management, and synthesis of the knowledge gained throughout the program.
Hotel Innovation Management	This course will provide an introduction to the key issues involved in the design of hotel premises and facilities, illustrated with examples drawn from the industry itself. It presents the basics of hotel layout, equipment/systems, project planning and design.
Hospitality Management and Leadership	This module covers the pertinent management functions of planning, organizing and controlling as well as human relations functions that are essential in hospitality management and these are: communication and decision making, conflict management, leadership and motivation. In introducing the module, the syllabus provides an overview of management in the hospitality industry specifically, its characteristics, career opportunities and important influencing trends. In addition, the role of service as well as critical and contemporary issues/challenges faced in managing and leading hospitality organizations are also examined.
Food and Beverage Service	This module focuses the general idea of running a restaurant. Technical skills exposure on pre-service and post-service briefing, mise-en-place and restaurant practical worksheet for the day's service will be discuss after operation. Techniques are emphasis related to different types of

	service, menu application, folding varieties of napkin folds, techniques of opening wine and service to guests.
Event and Tourism Risk Management	This module exposes the students to identify event risk factors inherent to any event and the strategies to manage those risks.
Bahasa Melayu Komunikasi 1 (Malay Language)	This course exposes the international students to the simple communication skills that needed in their daily life while staying in Malaysia. Students will be taught about how to greet other, the pronunciation, intonation and basic grammar to enable them to communicate and write well in this language.

BACHELOR OF INTERNATIONAL TOURISM MANAGEMENT (HONS) (EVENTS MANAGEMENT)

No	Module Code	Module Title	Credit Hours
1	EVT 41004	Principles of Design for Events	4
2	EVT 40604	Event Project	4
3	EVT 60704	Conventions and Meetings Management	4
4	EVT 60904	Event and Tourism Risk Management	4
5	EVT 60104	Exhibition Management	4
6	EVT 60204	Events Operations	4
7	MPU2142	Bahasa Melayu Komunikasi 1 (Malay Language)	2

MODULE SYNOPSIS

Module Title	Module Synopsis
Principles of Design for Events	This module introduces students to the basic theory and concepts in designing of a “live” event. It provides students adequate exposure to experiment with color, lighting, a variety of decorative elements and thematic ideas for an event.
Event Project	This module provides an introduction to the concepts, methods, and practices in recreation event management. It includes a review of the components involved in recreation and sports event planning. This module prepares students towards professional understanding of event planning and management in local and international perspective. Students are able to plan and manage a recreation or sports event.
Conventions and Meetings Management	This module prepares students towards professional analysis in convention management from a local and international perspective. Students are able to manage conventions in line with the clients’ requirement and needs.
Event and Tourism Risk Management	This module exposes the students to identify event risk factors inherent to any event and the strategies to manage those risks.
Exhibition Management	This module prepares students towards professional analysis in exhibition management from a local and international perspective. Students are able to create suitable designs in line with the clients’ requirement and needs.

Events Operations	This module equips the students with the essential knowledge and skills in event coordination. The module covers the aspect of event operation tools such as timeline, manpower allocation, logistics, processes and dealing with external stakeholders.
Bahasa Melayu Komunikasi 1 (Malay Language)	This course exposes the international students to the simple communication skills that needed in their daily life while staying in Malaysia. Students will be taught about how to greet other, the pronunciation, intonation and basic grammar to enable them to communicate and write well in this language.

BACHELOR OF INTERNATIONAL TOURISM MANAGEMENT (HONS)

No	Module Code	Module Title	Credit Hours
1	TOU60304	Data and Media Analysis for Tourism	4
2	TOU60904	Sociology of Tourism	4
3	TOU61804	Tourism Economics	4
4	EVT 60904	Event and Tourism Risk Management	4
5	EVT 60704	Conventions and Meetings Management	4
6	HOS61204	Hospitality Management and Leadership	4
7	MPU2142	Bahasa Melayu Komunikasi 1 (Malay Language)	2

MODULE SYNOPSIS

Module Title	Module Synopsis
Data and Media Analysis for Tourism	After attending this module students will be able to evaluate the impact of new information and communication technologies (ICT) on both the supply and the demand side of hospitality and tourism. Students will also be able to critically appraise the role of ICT in creating value propositions for customers and competitive advantage for organizations in the hospitality/tourism industry and understand the benefits and costs of the adoption of new technologies for stakeholders in the hospitality and tourism sector.
Sociology of Tourism	This module introduces students to the tourism phenomenon from a sociological perspective. Students will be taught the various sociological stances concerning tourist behaviour. Moreover, various research methodologies will be examined and discussed in order to have an in-depth understanding of tourist behaviour. This module also exposes students to the idea that different cultural contexts influence people's behaviour on holiday, which is a crucial concept for students to understand how to manage effectively culturally diverse tourism businesses.
Tourism Economics	The specifications in tourism economics should encourage students to be inspired, moved and changed by following a broad, coherent, satisfying and worthwhile course of study and gain an insight into related sectors. It should prepare students to make informed decisions. This subject covers issues within microeconomics and macroeconomics. Students will consider the basic economic problem and how it affects the allocation of resources in competitive markets. The subject will cover how

	price is determined through the forces of demand and supply and how tourism firms compete in the market. The subject also covers the issues firms face: costs, revenues, profits, growth and productivity. It considers the impact that such factors have upon a business operating in a competitive market. Within the macroeconomic specification students will consider three of the main variables in the economy and how these are influenced by government policy. It covers the expenditure and revenue of government, including taxes, and the effects that these have on the economy. The subject will also cover the reasons for tourism international trade, exchange rate including the impacts of changes in the value on tourism activity. Globalization and its implications on tourism sector, at a local, national and global level are discussed.
Event and Tourism Risk Management	This module exposes the students to identify event risk factors inherent to any event and the strategies to manage those risks.
Conventions and Meetings Management	This module prepares students towards professional analysis in convention management from a local and international perspective. Students are able to manage conventions in line with the clients' requirement and needs.
Hospitality Management and Leadership	This module covers the pertinent management functions of planning, organizing and controlling as well as human relations functions that are essential in hospitality management and these are: communication and decision making, conflict management, leadership and motivation. In introducing the module, the syllabus provides an overview of management in the hospitality industry specifically, its characteristics, career opportunities and important influencing trends. In addition, the role of service as well as critical and contemporary issues/challenges faced in managing and leading hospitality organizations are also examined.
Bahasa Melayu Komunikasi 1 (Malay Language)	This course exposes the international students to the simple communication skills that needed in their daily life while staying in Malaysia. Students will be taught about how to greet other, the pronunciation, intonation and basic grammar to enable them to communicate and write well in this language.