

<i>Faculty</i>	<i>Module Title</i>	<i>Medium of Instruction</i>	<i>Synopsis of Course Contents</i>	<i>Module Proforma</i>
ACADEMY OF MALAY STUDIES	JIB2015 MALAY LANGUAGE, SOCIETY AND SOCIAL MEDIA	Malay	This course introduces some basic concepts and theories related to the study of the Malay language, community and social media. The function of Malay language in society, especially as the embodiment of Malay identity are also defined in this course. In addition, variations of language in society, system calls, and dialects are also covered in this course. It also interprets the relationship of language to culture through language variations such as Pidgin, Creole, code selection, and colloquial. The course will also analyze the interaction in virtual communities and social media. Variations of the language used in social media such as blogs, Instagram, Twitter, Facebook, Whatapps, and short message system (sms) is also examined. This course will hopefully allow students to interpret the function and relationship with the community of speakers of Malay language, especially the Malays.	<a href="#">Click Here</a>
ACADEMY OF MALAY STUDIES	JIB2017 MALAY LANGUAGE IN JOURNALISM AND BROADCASTING	Malay	This course will discuss the concepts and theories of professional and technical skills that will enable the students to become productive and responsible contributors in the field of broadcasting and journalism. Courses in broadcasting prepare students to enter the field of challenging and competitive radio and television news (traditional and online) with the reporter or producer. This course focuses on the basics of reporting, writing, and editing as well as an understanding of professional preparation and legal history, responsibility, ethics and social journalism. In addition to broadcast journalism, emphasis is given to news-editorial and public relations.	<a href="#">Click Here</a>
ACADEMY OF MALAY STUDIES	JID2018 COMMUNICATIVE COMPETENCY	Malay	Communicative competence predicates of linguistic theory (especially grammar), sociolinguistic theory (especially politeness, etiquette), and the pragmatic theory (achieving effective strategy). This course focuses on the use of language in interaction, i.e the spoken language, especially in social interactions, interviews, debates, and consultations by analysing samples from different types of interaction.	<a href="#">Click Here</a>
ACADEMY OF MALAY STUDIES	JIE1011 ISLAMIC LITERATURE	Malay	This course introduces the concept of Islamic literature and Islamic literature research background in the Middle East and the archipelago. The course also explains the texts of modern Malay literature of Islamic pattern in archipelago. In addition, it displays the theories of Islamic literature to modern Malay literary texts and information theory methods of application of Islamic literature to the texts of modern Malay literature.	<a href="#">Click Here</a>

ACADEMY OF MALAY STUDIES	JIE2004 COMPARATIVE LITERATURE	Malay	This course introduces the background, concepts and main principles of comparative literature. The course also explain the historical background of literary history and the Malay literature criticism history from the earliest times to date. Besides, it also explains the main methodology in literary criticism discipline in the West and the Malay World as well as providing information and exposures and enables students to be familiarised with comparative literature research designs available in the Malay literature corpus.	<a href="#">Click Here</a>
ACADEMY OF MALAY STUDIES	JIF1007 MALAY SOCIAL INSTITUTION	Malay	This course exposes students to the concepts of social structure and social organization. In this course, students will understand the normative behavior of the Malays in particular aspects such as economic, political, family, religious and social. Attention will be focused on the processes and social phenomena that occur at rural and urban as well as aspects of the changes experienced by the Malays.	<a href="#">Click Here</a>
ACADEMY OF MALAY STUDIES	JIF2012 THE ARTS OF MALAY HANDICRAFTS AND COSTUMES	Malay	Explain the basic concepts of the arts of traditional Malay handicrafts and costumes. Understanding the design and philosophy of Malay handicrafts and costumes. Based on the theoretical content delivered in this course, students will be able to apply their knowledge to produce their own handicrafts and costumes based on their creativities without neglecting the traditional philosophies.	<a href="#">Click Here</a>
ACADEMY OF MALAY STUDIES	JIX1006 MALAY STUDIES AND SOCIETY	Malay	This course expose the students about the service learning using experiential learning methods. Through this course learning takes place through a cycle of activities and reflections of students with the community. These two-way engagements reflect students' experiences in their respective fields to build initiatives on achieving the community's goals and a deeper understanding of themselves.	<a href="#">Click Here</a>
FACULTY OF ARTS AND SOCIAL SCIENCES	AIA2008 CROSS-CULTURAL ETHNOGRAPHY	English	This course discusses classic ethnographic writings in contemporary societies throughout the world. The discussion focuses on value systems, contents and practices of selected societies. This course also reviews social theories used to analyse societal practices and culture.	<a href="#">Click Here</a>
FACULTY OF ARTS AND SOCIAL SCIENCES	AIA2041 CONSUMPTION BEHAVIOUR	English	This course aims to provide students with sound knowledge and understanding of the sociological study of consumption and lifestyle. Discussion in this course covers issues related to understanding inequality by considering not only differences in the goods and services they purchase with their income, wealth and borrowed money (i.e consumption inequality). The course will also review the various dimensions (e.g cultural, clothing, music) of how different are the lifestyles and consumption practices of the poor from those of the rich.	<a href="#">Click Here</a>

FACULTY OF ARTS AND SOCIAL SCIENCES	AIA3013 ORGANIZATIONAL MOTIVATION AND LEADERSHIP	English	Leadership is a relationship of influence; therefore, understanding of motivation provides the basis for understanding leadership. This course will discuss basic concepts in motivation and leadership as well as evaluate several current models of motivation and leadership in the context of work organizations. Among the concepts to be discussed are expectancy, equity and goal setting theories of motivation and leadership theories based on traits, competencies, situations, contingency and leader-member exchange relationships.	<a href="#">Click Here</a>
FACULTY OF ARTS AND SOCIAL SCIENCES	AIA3022 ABNORMAL PSYCHOLOGY	English	This course introduces students to the basic principles of abnormal psychology. The topics covered include clinical assessment, diagnosis, and research in psychopathology. Students will be exposed to issues related to the field of abnormal psychology every day. They will learn what abnormality means, how and why mental disorders are classified, and how these disorders are understood and treated. Also, this course will teach the students how to use psychological tests to make decisions about individuals. Finally, they will be exposed to legal and ethical issues concerning mental health services.	<a href="#">Click Here</a>
FACULTY OF ARTS AND SOCIAL SCIENCES	AIB2018 SOIL GEOGRAPHY	Malay	This course is introduction to soil geography, factors and processes of soil formation, structure and texture of soil. This course also provides an opportunity to learn methods of soil analysis and distribution of soil in Malaysia and world.	<a href="#">Click Here</a>
FACULTY OF ARTS AND SOCIAL SCIENCES	AIB3012 Hydrology	English	This course introduces students to the process of system analysis methods and forms of physical geography. The main components of the physical environment which will be introduced and discussed are as atmospheric, geophysical, biosphere, cryosfera, hydrosphere and oceans. This course will also discuss the changes that occur intentionally or not from human activities. Relevance feedback from one component to the component will also be discussed.	<a href="#">Click Here</a>
FACULTY OF ARTS AND SOCIAL SCIENCES	AIC2004 POSTCOLONIAL LITERATURE: THEMES AND TROPES	English	This course focuses on the literary narratives written by authors who lives in countries which were colonised and who write in English. Students will explore how postcolonial ideas and issues discussed in class impact on their understanding of the contemporary world. The course is text-oriented but matters of history and context are also considered as essential. The course includes presentations and discussions on postcolonial literary theory.	<a href="#">Click Here</a>

FACULTY OF ARTS AND SOCIAL SCIENCES	AIC2009 Theatre Performance in English	English	In this course students will learn basic theater skills such as acting, directing, and backstage and production work. They will apply these skills to mounting a full-length production at the end of the semester, for an audience.	<a href="#">Click Here</a>
FACULTY OF ARTS AND SOCIAL SCIENCES	AIC3013 READING AMERICAN LITERATURE	English	In this course, students will be exposed to some important American texts and writers They will read selected extracts from different genres as well as full-length texts. The course will encourage students to explore the development of the American literary tradition and the political, social and cultural forces which shaped the tradition.	<a href="#">Click Here</a>
FACULTY OF ARTS AND SOCIAL SCIENCES	AIC3014 MALAYSIAN LITERATURE	English	This course introduces a number of representative literary texts produced by the various linguistic communities in Malaysia in order to give students a fair appreciation of the rich multicultural and multilingual literary heritage of the country. Analysis of the texts will be contextualized in terms of the current discourse on identity, nationhood and culture in Malaysia	<a href="#">Click Here</a>
FACULTY OF ARTS AND SOCIAL SCIENCES	AIC3017 GLOBAL SHAKESPEARES: AN INTRODUCTION	English	Students will study Shakespeare's plays by locating them within a variety of contexts. They will analyze adaptations of these plays from a selection of countries in order to identify their social, political, and cultural significances. They will also examine the ways in which global interaction affects our understanding of the Bard, and will be encouraged to locate themselves within this global phenomenon.	<a href="#">Click Here</a>
FACULTY OF ARTS AND SOCIAL SCIENCES	AID3013 ENVIRONMENTAL ETHICS	English	Environmental ethics is a field of research on human moral reasoning of environmental issues, in particular how humans extend moral consideration to animals, plants and abiotic components of the environment. Students will be exposed to (1) the theory of human moral development from the aspect of psychology, (2) anthropocentric moral arguments such as Egoism and Cultural Relativism, and (3) Biocentric moral arguments that encompasses the philosophies of Peter Singer, Tom Regan Donald VanDeVeer and Paul Taylor.	<a href="#">Click Here</a>

FACULTY OF ARTS AND SOCIAL SCIENCES	AID3015 GLOBAL ENVIRONMENTAL CHANGE	English	The course provides a holistic approach to various aspects of recent and future climate change, especially at regional and local spatial scales. The course examines basic concepts related to climate change, its causes, socio-economic and environmental impacts and its relation to anthropogenic activity. Students will be able to differentiate the natural and anthropogenic causes of climate change. The course also explores the involvement of the Intergovernmental panel for climate change (IPCC) and the United Nations Framework Convention on Climate Change attempting to reduce the greenhouse gas emission to mitigate the impacts of climate change.	<a href="#">Click Here</a>
FACULTY OF ARTS AND SOCIAL SCIENCES	AID3017 COASTAL RESOURCE MANAGEMENT	English	This course discusses the availability of resources in the coastal area. These resources are different between one place to another. Besides that, the changes that occur on the resources are closely related to the factors that influence it. The coastal resources also play a role in generating income for various stakeholders. Therefore, the role of the government in implementing the appropriate policies is significantly crucial protecting the resources from extensive exploitation and enduring for future generations.	<a href="#">Click Here</a>
FACULTY OF ARTS AND SOCIAL SCIENCES	AIE2005 Comparative Regionalism	English	This course comprises the process of regionalism, regional institutions, globalization and international relations. The course will also provide emphasis on international relations theories and its applicability within the context of regionalism. Focus will be also on contemporary issues which influence policies of regional organisations. Analysis will be also on the differences in the regional process in different regions. How globalization affects regionalism will be also covered.	<a href="#">Click Here</a>
FACULTY OF ARTS AND SOCIAL SCIENCES	AIE2012 FOREIGN POLICY OF SOUTHEAST ASIAN STATES	English	Students will be exposed to the foreign policies of the Southeast Asian countries and the various phases of change in their orientation. These will also include the factors affecting foreign policy. In addition, the course will also study the role of ASEAN in regional integration. Discussions will also focus on contemporary issues that influence the foreign policies and state of bilateral relations between Southeast Asian countries.	<a href="#">Click Here</a>

FACULTY OF ARTS AND SOCIAL SCIENCES	AIE3007 SOUTH ASIA IN INTERNATIONAL RELATIONS	English	This course focuses on the government and politics of South Asian states as well as intra/extra regional relations. In addition, the course will also discuss the influence of this region in the international system especially by looking at the relations of some of the states in this region with major powers such as the United States, Russia and China. Apart from that this course also analyses the roots of conflict in the region as well as its impact on regional and international security.	<a href="#">Click Here</a>
FACULTY OF ARTS AND SOCIAL SCIENCES	AIE3009 Conflict Analysis	English	This course will expose students to identify the types and causes of international conflicts as well as the approaches/methods employed in managing international conflicts. Emphasis will be given to the application of approaches/methods of conflict management such as humanitarian intervention, the role of non-state entities, negotiations and diplomacy. Apart from that, the course will also evaluate the effectiveness of approaches/methods used in the management of international conflicts.	<a href="#">Click Here</a>
FACULTY OF ARTS AND SOCIAL SCIENCES	AIF1014 ASIAN EMPORIUMS	English	This course introduces students to the world of Monsoon Asia. The concept of Asian Emporiums is used to explain the interconnectedness of this region through trade and the meeting of diverse peoples and cultures. The course begins with a discussion of the geography and cultural elements of Monsoon Asia. It will then explain the growth of trade, shipping and trade emporiums that established the cosmopolitan communities in the region. The languages, literature, popular culture and the arts of the people of the region will be examined to underscore the diversity of cultures, customs, norms and values present in the region. The ensuing dialogue among the region's different peoples, cultures and religions provided for the plural and multicultural dynamics of the region.	<a href="#">Click Here</a>
FACULTY OF ARTS AND SOCIAL SCIENCES	AIF2011 SOCIAL MOVEMENTS IN SOUTHEAST ASIA	English	The course introduces students to a form of collective action among the people of Southeast Asia leading to the formation of social movements. It explains characteristics and theories related to social movements. The temporal dimension (from the precolonial period, colonization period and post-cold war period) and the spatial (including Europe and Asia) in the formation of various social movements is scrutinized. Case studies of labour, women, human rights, democratic and new religious movements will be examined to highlight the state of human rights violations and role of social movements to demand for reforms in the region. The achievements and challenges of social movements as agents of social change will be examined by linking to contemporary human rights situations in Southeast Asia as well as the global waves of change such as the Arab Spring and various other political tsunamis.	<a href="#">Click Here</a>

FACULTY OF ARTS AND SOCIAL SCIENCES	AIF3014 LECTURE SERIES ON ASEAN	English	This course, conducted through a series of lectures, aims to provide a broad understanding of the issues related to and which are of significance to ASEAN and the region as a whole. Topics will include regional cooperation, security and defence of Southeast Asia as well as contemporary socio-economic challenges affecting ASEAN and inter-regional relations. The second part of the course will assess the mechanisms, modus operandi, and the success of ASEAN as a regional organization. Finally, this course will also analyze contemporary challenges affecting intra-ASEAN and ASEAN relations.	<a href="#">Click Here</a>
FACULTY OF ARTS AND SOCIAL SCIENCES	AIF3017 Cultural Tourism in Southeast Asia	English	Cultural tourism is one of the primary sectors that generate lucrative income for Southeast Asian countries. This course will discuss in depth the development of cultural tourism under the patronage of respective Southeast Asian governments. The first part of this course deals with a discussion of cultural tourism concepts in Southeast Asia. The second part focuses on cultural tourism activities, and evaluates resources and the effects towards national development in Southeast Asia. The third part deals with the analysis of policies of national governments in Southeast Asia on the development of each country's cultural tourism. The last part of this course deals with the writing of the fieldwork-based research report in one of the cultural tourism centers located in Southeast Asia.	<a href="#">Click Here</a>
FACULTY OF ARTS AND SOCIAL SCIENCES	AIF3022 MARITIME TOURISM DEVELOPMENT IN SOUTHEAST ASIA	English	This course discusses the development of maritime tourism in Southeast Asia. The first part of the course explains various definitions and concepts of maritime tourism. The second part of the course discusses the two categories of maritime tourism namely island and coastal tourism and the cruise ship tourism and its importance towards economic and social development of Southeast Asian countries. The third part of the course will study the role of government and private sectors in enhancing the development of maritime tourism towards improving the rural economic development in Southeast Asian countries such as Malaysia, Thailand, Indonesia and Vietnam. The final part of the course will analyze the problems and challenges in achieving sustainable development in maritime tourism in Southeast Asia mainly in terms of safety, environment and infrastructure development (SDG 9.1).	<a href="#">Click Here</a>

FACULTY OF ARTS AND SOCIAL SCIENCES	AIG1021 HISTORY OF KOREA	English	This course aims to unravel modern history of Korea through various challenges which ended with the formation of two separate entities. Throughout this course, students will be exposed to aspects of foreign intervention, leadership, ideology as well as differences in the developmental direction of North and South Korea. In addition, students will also be exposed to the interaction challenges faced by North Korea and South Korea due to the partitioning of the Korean Peninsula.	<a href="#">Click Here</a>
FACULTY OF ARTS AND SOCIAL SCIENCES	AIG2014 Economy Policy of China	English	This course focuses on Chinese economic policies from 1949 till the present. It emphasizes the economic model of 1949, economic development plans and policies of 1978 and thereafter. The course also stresses the impact of Chinese policies on the international world as a result of China becoming a new global economic power.	<a href="#">Click Here</a>
FACULTY OF ARTS AND SOCIAL SCIENCES	AIG2027 MODERNIZATION PROCESS OF KOREA	English	This course introduces students to the Korean political economic modernization processes and culture starting from the 19th to the 20th century. It will examine the history of foreign influences especially from the west. Its impact and the result of modernization process on political institutions, the economy, role of gender, culture and society's livelihood will also be examined. The focus will be mostly on cultural modernization and the changes in society's social structure.	<a href="#">Click Here</a>
FACULTY OF ARTS AND SOCIAL SCIENCES	AIG3017 CHINA-ASEAN RELATIONS	English	The course discusses the evolution of ties between the ASEAN member countries with China and evaluates the significance of China in the economic, political and social development of ASEAN nations. China's interactions with Malaysia will also be discussed from the perspective of trade and investments, politics and security as well as socio- cultural aspects.	<a href="#">Click Here</a>
FACULTY OF ARTS AND SOCIAL SCIENCES	AIG3022 JAPANESE ORGANIZATIONAL CULTURE	English	The course utilizes problem based learning in order to understand organizational culture in Japan. It begins with a brief explanation of Japanese organizational culture followed by the introduction of Japanese organizational related terminologies. This is followed by detailed discussions of the terminologies as well as their application in Japanese organizational culture.	<a href="#">Click Here</a>
FACULTY OF ARTS AND SOCIAL SCIENCES	AIG3027 KOREAN ENTREPRENEURSHIP AND CORPORATE MANAGEMENT	English	Course contents includes learning of entrepreneurship theories and management systems, Korean economic background, Korean entrepreneurs and the birth of Korean chaebols, chaebol management system, management strategies of Korean corporations, case studies of Korean firms such as Samsung, Hyundai, LG, POSCO and challenges faced by Korean corporations. The future and competitiveness prospects of Korean firms will also be discussed.	<a href="#">Click Here</a>

FACULTY OF ARTS AND SOCIAL SCIENCES	AIH1012 AN INTRODUCTION TO MALAYSIAN INDIAN FAMILY SYSTEMS	English	This course explains the theories related to Indian family system from a sociological perspective. The Indian family system among Malaysia Indians will be discussed. Discussion includes comparison between traditional and modern aspects of family operations, status, role and strength of the family. The process of industrialization, urbanization and education in Malaysian Indians family system will be analysed.	<a href="#">Click Here</a>
FACULTY OF ARTS AND SOCIAL SCIENCES		Malay	This course explains the theories related to Indian family system from a sociological perspective. The Indian family system among Malaysia Indians will be discussed. Discussion includes comparison between traditional and modern aspects of family operations, status, role and strength of the family. The process of industrialization, urbanization and education in Malaysian Indians family system will be analysed.	<a href="#">Click Here</a>
FACULTY OF ARTS AND SOCIAL SCIENCES	AIH2011 History and Development of Malaysian Tamil Literature	Malay	This course gives an understanding of the historical development of the Malaysian Tamil Literature from 1880 to 2000. The genres of poetry, short story, novel and drama will be given importance. Each genre will be studied from the development of the historical perspective.	<a href="#">Click Here</a>
FACULTY OF ARTS AND SOCIAL SCIENCES	AIH2112 MALAYSIAN TAMILS SOCIOECONOMIC CONDITION	Malay	This course explains the economic growth and socio-economic concepts and the theories of socioeconomic studies. The economic status of Malaysian Tamils during British colonial period, after independence till to-date will be defined. Social issues related to socio-economic status of	<a href="#">Click Here</a>
FACULTY OF ARTS AND SOCIAL SCIENCES	AIH2117 MALAYSIAN TAMILS CULTURE	Malay	The course emphasis the history and culture characteristics of Tamil community in Malaysia. The history of cultural development the Tamil community will be discussed. Students will be exposed to belief system, knowledge, human survival supplies, livelihood, and economic, sociological, language, arts and culture of Tamil culture in Malaysia.	<a href="#">Click Here</a>
FACULTY OF ARTS AND SOCIAL SCIENCES	AIH3018 TAMIL IN JOURNALISM	English	This course gives an introduction to the history of development of Tamil newspapers and magazines. This course will analyse the articles from the various printed sources to understand the features of Tamil language in reports and feature writing. Students will learn the basic techniques of journalism writings.	<a href="#">Click Here</a>
FACULTY OF ARTS AND SOCIAL SCIENCES		TAMIL	This course gives an introduction to the history of development of Tamil newspapers and magazines. This course will analyse the articles from the various printed sources to understand the features of Tamil language in reports and feature writing. Students will learn the basic techniques of journalism writings.	<a href="#">Click Here</a>

FACULTY OF ARTS AND SOCIAL SCIENCES	AII2011 TRADITIONAL CHINESE FICTION	English	The objective of the course is to observe the original texts of Chinese Traditional Fiction from the beginning stage to 20 century. The different forms of Chinese Fictions, the factors of the appearance and the artistic characters of each form will be focused. Students will be able to identify the clear picture of the development of the Chinese Traditional Fiction, to analyze and appreciate of the famous fictions.	<a href="#">Click Here</a>
FACULTY OF ARTS AND SOCIAL SCIENCES	AII2012 MODERN CHINESE LITERATURE	Chinese	This course introduces modern Chinese literature since its early emergence until the year 1949. Emphasis will be given to the analysis and appreciation of works written by great writers of fiction, drama, prose and poetry. The May Fourth Literary Movement in 1919 and its impact will be explored, and literary schools that were formed during the span of 30 years will be discussed. Works by writers such as Lu Xun, Xiao Hong, Ba Jin, Zhu Ziqing, Shen Congwen, Cao Yu, Qian Zhongshu, Zhang Ailing will be examined in depth.	<a href="#">Click Here</a>
FACULTY OF ARTS AND SOCIAL SCIENCES	AII2013 Chinese Creative Writing	Chinese	The objectives of the course is the introduce and to expose a clear picture to the students different types of theories and principles of creative writing in different genre such as fiction, prose and documentary literature. The students will evaluate the high quality articles and focus on the aspect of organising the idea, writing style, structure to produce valuable works.	<a href="#">Click Here</a>
FACULTY OF ARTS AND SOCIAL SCIENCES	AII2017 Chinese Religion	English	This course is an introduction to Chinese Religion most popularly adhered to by the Chinese community. It is also a religion often misunderstood by Western Scholars and the masses. This course offers relevance explanations regarding Chinese Religion based on latest research by scholars in this field of study besides fieldwork by the students in preparing project papers for this course.	<a href="#">Click Here</a>
FACULTY OF ARTS AND SOCIAL SCIENCES	AII2020 CLASSICAL CHINESE POETRY	Chinese	This course introduces the development of classical Chinese poetries from a period to another. The famous poetries will be researched through an understanding of their life. The background of how a poet creating poetries also being studied. Students are required to analyse and appreciate the selected poetries of the outstanding poets.	<a href="#">Click Here</a>
FACULTY OF ARTS AND SOCIAL SCIENCES	AII2023 THE COLD WAR AND THE OVERSEAS CHINESE IN ASIA	English	This course aim to introduce the events during the Cold War period and relates them to the influence and impact of the Overseas Chinese who have migrated to the Asian and Southeast Asian. The Overseas Chinese have been involved in politics, economics, social literature and arts during the Cold War. Their involvement has shaped their respective Chinese communities. In-depth discussions will be carrying on by reference to the cases of Malaysian Chinese during the Cold War period.	<a href="#">Click Here</a>

FACULTY OF ARTS AND SOCIAL SCIENCES	AII2024 MODERN CHINESE LITERATURE	Chinese	This course introduces modern Chinese literature since its early emergence until the year 1949. Emphasis will be given to the analysis and appreciation of works written by great writers of fiction, drama, prose and poetry. The May Fourth Literary Movement in 1919 and its impact will be explored, and literary schools that were formed during the span of 30 years will be discussed, Works by writers such as Lu Xun, Xiao Hong, Ba Jin, Zhu Ziqing, Shen Congwen, Cao Yu, Oian Zhongshu, Zhang Ailing will be examined in depth.	<a href="#">Click Here</a>
FACULTY OF ARTS AND SOCIAL SCIENCES	AII2026 INTRODUCTION TO CHINESE RELIGION	English	This course is an introduction to Chinese Religion most popularly adheres to by the Chinese community. It is also a religion often misunderstood by Western Scholars and the masses. This course offers relevance explanations regarding Chinese Religion based on latest research by scholars in this field of study besides fieldwork by the students in preparing project papers for this course.	<a href="#">Click Here</a>
FACULTY OF ARTS AND SOCIAL SCIENCES	AIJ1006 Principle of Social Work	English	This course gives a basic knowledge about Social Work as a professional profession. It gives a clear picture about the field of social work by focusing on its main principles, values, ethics and core practices. The course also help students to understand roles play by Social Workers in providing social services to members of society.	<a href="#">Click Here</a>
FACULTY OF ARTS AND SOCIAL SCIENCES	AIJ2007 Crime and Criminal Justice	English	This course discusses the basic aspects of human behaviour. It includes the main approaches to understanding human behaviour, human behavioural disorders, structure and dynamics of the group, and the social learning process. It also gives exposure to the students about the importance of interpersonal relationships in human behaviour.	<a href="#">Click Here</a>
FACULTY OF ARTS AND SOCIAL SCIENCES	AIJ2008 SOCIAL ORGANIZATION OF WORK	English	This course exposes students to the world of work. Some inputs of industrial social works will also be taught to the students. Other than that, students also will be equipped with some skills on how to adapt to the work environment; especially in the human services organizations.	<a href="#">Click Here</a>
FACULTY OF ARTS AND SOCIAL SCIENCES	AIJ2009 Social Planning	English	This course helps the student to understand the importance of planning in designing an effective social project, social program, and social policy. The course exposes the students to various approaches, models and procedures of social planning.	<a href="#">Click Here</a>

FACULTY OF ARTS AND SOCIAL SCIENCES	AIJ2017 CROSS-CULTURAL STUDY OF FAMILY IN MALAYSIA	English	This course introduces the variety of family structures from the various cultural groups. Students are exposed to the theories to understand the family formation and function. The knowledge regarding comparative analysis help the students to understand the structures and functions of families in the various socio-cultural system. This course also emphasizes the importance of family institutions in the prevention and overcoming of social problems in a society.	<a href="#">Click Here</a>
FACULTY OF ARTS AND SOCIAL SCIENCES	AIL2022 HISTORY OF MODERN CHINA	English	This course explores the impact of the Western advent and weakness of the Ch'ing Dynasty in the 19th century. These two things have a profound effect on China today. This effect is not only an introduction to Western progress in China but also a Western ideology that has received positive and negative reactions among the Chinese people. This effect also led to internal strife and created instability in China. The flow of nationalism, communism, anarchism and socialism as well as traditional have given colours to China's political and social history.	<a href="#">Click Here</a>
FACULTY OF ARTS AND SOCIAL SCIENCES	AIL2036 HISTORY OF THE PHILIPPINES TO THE 18TH CENTURY	English	This course introduces the history of the Philippines by surveying its pre-historic development up to the Spanish colonization. Among the early topics are introduction to ancient polities and cultures of precolonial inhabitants of the Philippines. Subsequently, this course will look at topics focusing on various aspects of Spanish colonialism, including the administration, religious reforms and clashes with the native inhabitants.	<a href="#">Click Here</a>
FACULTY OF ARTS AND SOCIAL SCIENCES	AIL3033 BUSINESS HISTORY IN MALAYSIA	English	The focus of this course is on the development of business history in Malaysia since the end of the nineteenth century until present. Malaysia has a unique business history and was the the top world supplier of tin, rubber and later oil palm since the early twentieth century. As such, his course explains the development of businesses in malaysia in relation to global economic development with a focus on commodities since the British administration until present. This course also analyses the history of modern businesses and entrepreneurship in Malaysia i.e. the development of European businesses (especially British), the New Economic Policy, and domestic businesses (family businesses, SMEs and GLCs).	<a href="#">Click Here</a>

FACULTY OF ARTS AND SOCIAL SCIENCES	AIL3038 MODERN AMERICAN HISTORY	English	This course focuses on the process of nation and state building in the United States since 1860. It discusses the evolution of domestic and foreign developments mainly the rise of the industrialisation era, 1865-1900, Progressivism 1901-1917, the roaring twenties, the Great Depression of the 1930s, Imperialism 1890-1900, World War I, World War II and the Cold War. Discussions include the formation of a new American society and civil rights movement since 1945 and the developments of domestic and foreign policies since 1980 until present.	<a href="#">Click Here</a>
FACULTY OF ARTS AND SOCIAL SCIENCES	AIM2010 FEATURE WRITING	English	This course aims to introduce article writing in the context of media studies. Attention and emphasis is given to the different forms, types and structures of feature articles to enable readers to clearly understand the articles. Students are expected to demonstrate clear understanding of the course by producing articles of publishable quality.	<a href="#">Click Here</a>
FACULTY OF ARTS AND SOCIAL SCIENCES	AIM2011 Electronic Publishing	English	The course will discuss on technological development, its impact and challenges in the publishing world, as well as business models of e-publishing and technologies used to deliver electronic publications. Students will be exposed to digital formats (e-books, apps and more), aggregators, and usage of the web in marketing and promotion, as well as exploring new ways of content acquisition, development, management and archiving.	<a href="#">Click Here</a>
FACULTY OF ARTS AND SOCIAL SCIENCES	AIM2012 DIRECTING: PRINCIPLES AND PRACTICES	English	This subject offers the craft of directing to students who aspire to lead a production team. By analysing the work of classic and contemporary directors, the subject investigates the art and language of filmmaking. Topics include framing and composition, camera angles, camera movement, blocking of actors, visualizing action, and creating a sequence, script breakdown, and techniques for establishing mood, character, and conflict.	<a href="#">Click Here</a>
FACULTY OF ARTS AND SOCIAL SCIENCES	AIM2013 MARKETING COMMUNICATION	English	This course introduces the concept of marketing communication, which involves the study of coordinated marketing activities, with an emphasis on advertising and promotion. This field is integrated with sales promotion, direct marketing, public relation, personal selling, and Internet marketing. Attention also will be given to strategic planning which ensures that marketing tools are used effectively to communicate with customers and to achieve marketing goals.	<a href="#">Click Here</a>
FACULTY OF ARTS AND SOCIAL SCIENCES	AIM2018 Creative Industry Management	English	This course offers students the opportunity to develop professional leadership and strategic skills for the creative industries including print, electronic and digital media. Students will learn both management theory and practice and the context and operations of selected creative industry aspects.	<a href="#">Click Here</a>

FACULTY OF ARTS AND SOCIAL SCIENCES	AIM2019 BROADCAST JOURNALISM	English	This course introduces students to the skills and knowledge of fundamentals of broadcast journalism, with a particular focus on radio and television news. Students will learn the skills of proper news reporting, including the interview process and writing of news. They also learn how to produce, present and manage a variety of news forms, as well as evaluating and appreciating the genre. By the end of the course, students will be able to produce radio and television newscast.	<a href="#">Click Here</a>
FACULTY OF ARTS AND SOCIAL SCIENCES	AIO1003 THEORY OF GENDER STUDIES	English	This course will examine the position of women/gender studies in Social Science. It will also critique traditional theories and clarify the need for formulating theories which are gender sensitive with an emphasis on a feminist epistemology. Emphasis will be given to understanding the origin of feminism in Asia with a specific focus in the context of Malaysia, liberal feminism, Marxist feminism, radical feminism, modernization theory and 'Third World' women, post-modern feminism and post-colonial feminism. This course will also focus on women's challenge to globalization, the influence of various feminist theories to the women's movement in Malaysia and the involvement as well as contribution of men to feminism and gender studies.	<a href="#">Click Here</a>
FACULTY OF ARTS AND SOCIAL SCIENCES	AIO1004 GENDER AND DEVELOPMENT	English	This course introduces various approaches and theory on gender and development that discusses the dynamic of gender roles in the process as well as in the implementation of development policies in Malaysia and globally. The involvement and the roles of government agencies as well as NGOs and society are discussed specifically with the inclusions of gender issues in development process. This course also examines the UN Sustainable Development Goals.	<a href="#">Click Here</a>
FACULTY OF ARTS AND SOCIAL SCIENCES	AIO2004 Gender and Family	English	This course will critically explain the family, intimate relationships, and marriage in the context of a changing world. The course will focus on understanding the institutions of motherhood and fatherhood and the demands of employment on the family from a gender perspective. Emphasis will be put on basic theories related to gender and the family as well as the political economy of the family. This course will also evaluate the connections between the economy and the family as well as the relationship of the state to family values.	<a href="#">Click Here</a>
FACULTY OF ARTS AND SOCIAL SCIENCES	AIO3006 Gender and Social Justice	English	In this course we will explore gender and social justice issues around the developing world, with a focus on Malaysia. We will examine the advocacy and activism strategies employed by different social justice actors. The course employs critical self-reflection and creative learning to engage students in exploring the experiences and narratives of social justice actors in a post-colonial world. This course is geared towards teaching students to develop a strong foundation to critically reflect on how gender intersects with social justice in the developing world.	<a href="#">Click Here</a>

FACULTY OF ARTS AND SOCIAL SCIENCES	AIX2004 EUROPEAN CIVILISATION	English	This course traces the development of European civilisation from the classical period until the early modern period. Discussions include the development of Greek city states, the rise of the Roman Empire and the Hellenistic Era. The role of Church in medieval Europe, the rise of the Byzantium civilisation, the contribution of Islamic civilisation to the European world, feudalism, the development of cities, education and parliamentary institutions will also be analysed. Topics on the early modern period include the Renaissance, Reformation, the emergence of nation state and commercial revolution.	<a href="#">Click Here</a>
FACULTY OF BUILT ENVIRONMENT	BIA1021 MATERIALS AND CONSTRUCTIONS I	English	This course is an introduction to: <ul style="list-style-type: none"> <li>●Basic construction materials such as timber, bamboo, masonry and reinforced concrete and construction techniques for 2 storey domestic structures.</li> <li>●General knowledge on materials defects and preventive measures, basic concept of sustainability in the production, use of materials and construction techniques.</li> </ul>	<a href="#">Click Here</a>
FACULTY OF BUILT ENVIRONMENT	BIA1022 HISTORY OF ASIAN ARCHITECTURE	English	This course exposes students to: <ul style="list-style-type: none"> <li>●The evolution of Asian Architecture based on historical timeline starting from ancient to modern era.</li> <li>●Asian architectural characteristics covering: <ul style="list-style-type: none"> <li>○ East Asian Architecture</li> <li>○ South Asian Architecture</li> <li>○ Southeast Asian Architecture</li> <li>○ Malaysian Architecture</li> </ul> </li> <li>●The influences of Asian architecture towards Malaysian architecture.</li> </ul>	<a href="#">Click Here</a>
FACULTY OF BUILT ENVIRONMENT	BIB1016 CONSTRUCTION TECHNOLOGY – HIGH-RISE BUILDING	English	Introduction to construction industry, building construction principles, methods and processes for multi-storey building base on relevant regulation and standard; site preparation and machineries; piling, basement, waterproofing systems, building frames, metal and concrete composite building structures, cladding systems, roof system, elements, materials and finishes; fundamental of building alteration, demolition works and infrastructural work.	<a href="#">Click Here</a>
FACULTY OF BUILT ENVIRONMENT	BIB1019 SUSTAINABLE BUILT ENVIRONMENT	English	This course discusses key principles of sustainable development (environmental, social and economical) and analyzes the complex relationship of the building industry and national economic growth. It also explores the holistic approach of sustainable development in the built environment for climate change mitigation and economic development.	<a href="#">Click Here</a>

FACULTY OF BUILT ENVIRONMENT	BIB2020 ACCOUNTING & FINANCIAL MANAGEMENT	English	This course deals with the concept and basic principles of accounting which include balance sheet, ledger, trading account, and profit-and-loss account. The course also introduces the financial management which provides an understanding on accounting ratio and the application of financial statement.	<a href="#">Click Here</a>
FACULTY OF BUILT ENVIRONMENT	BIB2021 RISK & CONSTRUCTION SAFETY	English	Introduction to the scope of risk, safety and health in the construction industry. Risks and hazard, law and legislation pertaining occupational health (OSHA 1994). Guidelines of construction work controls. Roles, importance and management of safety and health. Characteristics, policies, inspection, manuals and procedures. Worksite accidents: reporting, control and prevention. Explanation on current case studies involving health and safety issues in the construction industry.	<a href="#">Click Here</a>
FACULTY OF BUILT ENVIRONMENT	BIC4007 RISK AND VALUE MANAGEMENT	English	This course introduces the general theories of risk and value management as part of the development process involved in the construction industry. Each element will be emphasized in terms of theory, methodology and practical applications for the project.	<a href="#">Click Here</a>
FACULTY OF BUILT ENVIRONMENT	BID2017 QUANTITATIVE ANALYSIS IN PLANNING	English	This course is designed to introduce students to commonly used statistical quantitative analysis in urban planning and research. Students will be exposed to the basic skills in statistical techniques as a means to communicate research findings effectively. Topics covered include types and sources of quantitative data, designing and administering questionnaire survey, basic descriptive and inferential statistics and the use of statistical software for quantitative analysis.	<a href="#">Click Here</a>
FACULTY OF BUILT ENVIRONMENT	BID2018 SUSTAINABLE COMMUNITY DEVELOPMENT	English	The course introduces the concept, process dan method of sustainable community developmeni through planning and physical development. It also provides an exposure to the students on the importance of identification of community needs in order to ensure that the sustainability of a community is not impacted by development. Students will also learn on the community development strategies through physical planning from the macro level which is at the policy making level right to the implementation level through the adoption of planning conditions and guidelines.	<a href="#">Click Here</a>
FACULTY OF BUILT ENVIRONMENT	BIE1013 PRINCIPLE AND PRACTICE OF URBAN PLANNING	English	This course provides a theoretical and practical understanding of urban planning. It is divided into three major aspects: the planning theories and models, development plans and development control. The students will gain the knowledge in planning matters related to real estate development.	<a href="#">Click Here</a>

FACULTY OF BUILT ENVIRONMENT	BIE2019 REAL ESTATE INVESTMENT ANALYSIS	English	This course provides an understanding of various types of real estate investment, real estate investment analysis techniques and risk elements in investment. The course also exposes the students to Portfolio Theory, Capital Budgeting and Capital Structure Policy.	<a href="#">Click Here</a>
FACULTY OF BUSINESS AND ECONOMICS	CIA1001 INTRODUCTORY ACCOUNTING	English	The course introduces and discusses the basis of accounting which includes the definition of accounting, accounting principles, accounting equation and financial statements, recording and information system of accounting and income and expenditure concept. It also covers accounting for merchandising business, inventory, financial assets, non-current assets, partnership and companies. Other aspects include analysis and interpretation of financial ratios. Relevant ethical issues will also be exposed through the course.	<a href="#">Click Here</a>
FACULTY OF BUSINESS AND ECONOMICS	CIA1004 COST ACCOUNTING	English	This course introduces the basic concepts, terminologies, and principles and methods of cost accounting at the operational level. Topics include the fundamental elements of costs, cost accumulation techniques, and various costing methods. The main emphasis is on determining the cost of products produced and services rendered.	<a href="#">Click Here</a>
FACULTY OF BUSINESS AND ECONOMICS	CIF2003 Electronic Marketing	English	This course covers several main aspects in electronic marketing (e-marketing). The first part explains the foundations of online marketing while the second part expands further on e-marketing and planning strategies. This part covers the comparison of traditional electronic tool with e-marketing tools where appropriate examples are provided for online execution. The final part integrates e-marketing in the context of marketing strategy specifically, investigating how (Product, Price, Promotion, Distribution and Customer Relationship Management) can create value for consumers and businesses.	<a href="#">Click Here</a>
FACULTY OF BUSINESS AND ECONOMICS	CIF2004 DIGITAL MARKETING	English	This course covers several main aspects in digital marketing (digital marketing). The first part explains the foundations of online marketing while the second part expands further on digital marketing and planning strategies. This part covers the comparison of traditional electronic tool with digital marketing tools where appropriate examples are provided for online execution. The final part integrates digital marketing in the context of marketing strategy specifically, investigating how (Product, Price, Promotion, Distribution and Customer Relationship Management) can create value for consumers and businesses.	<a href="#">Click Here</a>

FACULTY OF BUSINESS AND ECONOMICS	CIF3001 Global Marketing	English	This course offers a comprehensive analysis of the environmental forces that influence the global marketing function. Students will acquire and develop knowledge of how the marketing mix is adapted to identify or recognize and satisfy the needs of global and/or regional customer segments. The course covers four broad topics: global marketing concept and issues, global environmental analysis, global marketing research and strategic analysis, approaches of international market entry by firms, and design and management of a global marketing mix.	<a href="#">Click Here</a>
FACULTY OF BUSINESS AND ECONOMICS	CIF3002 Hospitality Management	English	This course provides an overview of the hospitality industry in terms of what constitutes the industry and the functional departments involved in the management of hospitality organisations. It deals with the major components that serve as the backbone of the industry which includes tourism, lodging/accommodation, restaurants as well as non-commercial food services. The sub-components of hospitality industry will also be presented such as clubs, theme parks and entertainment and catering and event management. The traditional functions of management and how they can be applied in hospitality management situations are discussed. Students will be exposed to trends/current issues in the industry and analyse situations related to hospitality.	<a href="#">Click Here</a>
FACULTY OF BUSINESS AND ECONOMICS	CIX3002 BANK MANAGEMENT	English	In this course, students will be exposed to the financial system in Malaysia. The course also covers most of the important topics on bank management including the roles and services offered by the financial institutions, asset-liability management techniques, detailed discussions on the processes, procedures, risks and implications of credit, risk management, capital and financial regulations.	<a href="#">Click Here</a>
FACULTY OF BUSINESS AND ECONOMICS	CIX3007 BUSINESS MODELLING FOR DECISION MAKING	English	Through the course, students will acquire the necessary skills to analyze unstructured business situations, build business models and explore alternative solutions using appropriate analytical techniques that lead to making better decisions. Topics include Introduction to Spreadsheet Modelling, Optimization Modelling, Network Model and Decision Making. The knowledge obtained from this course is useful in students' future professional career.	<a href="#">Click Here</a>
FACULTY OF BUSINESS AND ECONOMICS	EIA2009 DEVELOPMENT ECONOMICS	English	This course looks at economic development issues in terms of theory, policy and practice. It explores the theory of growth and economic development and its measures and review the changes and challenges experienced by less developed countries. Key development policies and practices and its impacts will be analyzed with reference to less developed countries experience.	<a href="#">Click Here</a>
FACULTY OF BUSINESS AND ECONOMICS	EIA2010 PUBLIC POLICY AND ECONOMY	English	This course discusses basic public policy and economic concepts such as fiscal, monetary, government and the market. This course also describes the relationship between theories and practices that are currently applied in the implementation of public policy and the economy in Malaysia and other countries.	<a href="#">Click Here</a>

FACULTY OF BUSINESS AND ECONOMICS	EIA2015 MALAYSIAN ECONOMY IN A GLOBALIZED WORLD	English	The course focuses on issues which relate to the Malaysian economy. The discussion focuses on economic aspects of microeconomic and macroeconomic issues. Both internal and external factors that influence the economy will also be examined. Benchmark economic achievements of Malaysia with the rest of the world especially neighbouring countries and developing countries.	<a href="#">Click Here</a>
FACULTY OF BUSINESS AND ECONOMICS	EIA3003 History of Economic Thought	English	The course focuses on issues which relate to the Malaysian economy. The discussion focuses on economic aspects of microeconomic and macroeconomic issues. Both internal and external factors that influence the economy will also be examined.	<a href="#">Click Here</a>
FACULTY OF BUSINESS AND ECONOMICS	EIF2003 ISLAMIC ECONOMICS	English	This course aims to expose students to the basic fundamentals of Islamic economics. It begins by introducing to students the Islamic worldview and the position of economic in Islam, the philosophical foundations of Islamic economics and the salient features of Islamic economic system as well as the methodology of Islamic economics. Then it discusses the Islamic economic perspective on fundamental economic issues such as consumption, production, distribution, exchange guidelines, financial institutions, public finance and the role of the state.	<a href="#">Click Here</a>
FACULTY OF BUSINESS AND ECONOMICS	EIG2004 FINANCIAL ECONOMICS	English	This course will discuss the topics that relate to financial institutions, asset classes, capital asset pricing model and capital market efficiency. This course will also discuss the valuation of stocks and bonds, as well as the derivative markets	<a href="#">Click Here</a>
FACULTY OF BUSINESS AND ECONOMICS	EIH2001 SMALL AND MEDIUM ENTERPRISES	English	This course exposes the students to various aspects of SMEs including distinctiveness and importance of SMEs, characteristics of an entrepreneur, sources of finance for start-up SMEs, financing growth of SMEs, process of business start-up, and stages of growth in the small firm. It also emphasises the importance of entrepreneurship for economic development. From the practical side, the students are trained to prepare a business plan.	<a href="#">Click Here</a>
FACULTY OF BUSINESS AND ECONOMICS	EIJ2004 CONTEMPORARY QUALITY MANAGEMENT	English	This course will discuss the characteristics and problems of change, including the definitions of quality and history of quality movement; motivation and teams, leadership, training and styles of management, customer and quality process. This course also discuss approaches and methods in quality, understanding Deming's System of Profound Knowledge with focus on customers and continuous improvement; and quality movement and its relationship to ISO and TQM.	<a href="#">Click Here</a>
FACULTY OF BUSINESS AND ECONOMICS	EIJ2005 FOUNDATIONS OF POLITICAL PHILOSOPHY	English	The aim of the course is to expose students to major political ideas and philosophy. Main ideas of political philosophers discussed include the Roman and Greek political thinkers, the social contract theorists, Marxist, Muslim thinkers and Eastern thinkers. Political concepts and values such as freedom, justice and equality will also be discussed in the course.	<a href="#">Click Here</a>

FACULTY OF BUSINESS AND ECONOMICS	EIJ2006 HUMAN RESOURCE MANAGEMENT AND ORGANISATIONAL BEHAVIOUR	English	This course will explore the importance and functions of human resource management and organisational behaviour by understanding organisational functioning, focusing particularly on individual and group/team level and understand human behaviour in organisations via the disciplinary bases of psychology and sociology. The perspectives covered in this course includes understanding the functions of human resource management, individual differences, perceptions and attributions, motivation in the workplace, team and leadership behaviour and studies on organisational design, change and development. It demonstrates the functions and effectiveness of knowledge and skills in both human resource management and organisational behaviour towards policies and practices.	<a href="#">Click Here</a>
FACULTY OF BUSINESS AND ECONOMICS	EIJ3003 INTERNATIONAL POLITICAL ECONOMY	English	This introductory course on comparative political economy is structured to deal with the interlocking issues of politics, public policies and development, with a review of the interaction between the state, business and society. The primary objectives of this course are: first, to comparatively assess how Southeast Asia rapidly modernised by instituting development models focused on expediting industrialisation, cultivating domestic entrepreneurs and reducing poverty. Second, to review the nature of state-society relations in developing countries during the process of rapid modernisation. Students will be exposed to traditional and more contemporary theories, including those dealing with modernisation and socioeconomic development which deal with political and economic transitions in multi-ethnic societies. These theories will also review the historical impact of authoritarian governance on development, the role of the new middle class on democratisation and the lessons of financial crises on modes of economic and enterprise development.	<a href="#">Click Here</a>
FACULTY OF BUSINESS AND ECONOMICS	EIJ3005 MANAGEMENT AND PROJECT ANALYSIS TECHNIQUES	English	Examining and analysing the techniques to analysis a project. It is about analysis and evaluation techniques of a project beginning with identifying, analysing and designing a project till project management techniques.	<a href="#">Click Here</a>
FACULTY OF COMPUTER SCIENCE & INFORMATION TECHNOLOGY	WIC2004 Internet Technology	English	This course contains the introduction towards Internet and its evolution in introducing new technologies such as Internet of Everything, Cloud Computing and Software Defined Network. It explained the concept and steps of implementation of the technology discussed and how to implement it. It also discussed the strength and weaknesses of each Internet technology and the security issues related.	<a href="#">Click Here</a>

FACULTY OF COMPUTER SCIENCE & INFORMATION TECHNOLOGY	WIC3006 MOBILE COMPUTING	English	This course covers the introduction to wireless networks and mobile computing, which includes looking at examples of mobile computing applications, issues that distinguish wireless networks from fixed networks and examples of how the issues are addressed to support mobile computing.	<a href="#">Click Here</a>
FACULTY OF COMPUTER SCIENCE & INFORMATION TECHNOLOGY	WID2003 Cognitive Science	English	This course covers the fundamentals on cognitive science. It covers topics on mind and machine, perception (object recognition), attention & consciousness, memory (short term memory, working memory and long term memory), forgetting, mental representation and visual perception, category, language, intelligence and creativity, emotion and expression, problem solving, reasoning and decision making.	<a href="#">Click Here</a>
FACULTY OF COMPUTER SCIENCE & INFORMATION TECHNOLOGY	WIE2002 INFORMATION SYSTEMS	English	This course will enable students to learn the basic characteristics and concepts of open source applications and technology. Students will be able to write applications using open source programming in order to populate, retrieve and update databases. They will also develop an open source solution to resolve a business problem.	<a href="#">Click Here</a>
FACULTY OF COMPUTER SCIENCE & INFORMATION TECHNOLOGY	WIE3002 Electronic Commerce	English	This course consists of the following components: (a) History of e-Commerce (b) Market opportunity analysis; (c) Online business models; (d) Interface design and system design; (e) Market communication and branding; (f) Implementation of resources system, website development and web architecture; (g) Electronic payment system; (h) E-commerce issues including security and policies and cyber laws; (i) E-commerce in practice and future trend and (j) Mobile commerce.	<a href="#">Click Here</a>
FACULTY OF COMPUTER SCIENCE & INFORMATION TECHNOLOGY	WIG3002 RENDERING AND ANIMATION.	English	At the beginning of this course, students will be exposed to the development, technology and computer animation applications. Next, students will be taught about the main phases in the development of computer animation which include aspects such as modeling, animation, texturing, lighting, compositing and rendering. At the end of this course, students will be equipped with the knowledge pertaining to the job opportunities and future of computer animation and rendering.	<a href="#">Click Here</a>

FACULTY OF COMPUTER SCIENCE & INFORMATION TECHNOLOGY	WIG3004 Virtual Reality	English	This course starts with an introduction to virtual reality technology, and its applications. This is followed by a description of input and output devices used in virtual reality applications. Students will also learn about human sensory systems (visual, audio, and touch) and relate them to the development of virtual reality devices, as well as the effects of these devices on human health. Students will then be trained how to model the virtual reality world, and interact with it using virtual programming languages such as Virtual Reality Modeling Language and other virtual reality development tools. This course ends with giving students basic knowledge about data visualization and augmented reality which field of study that is closely related to virtual reality.	<a href="#">Click Here</a>
FACULTY OF COMPUTER SCIENCE & INFORMATION TECHNOLOGY	WIG3005 GAME DEVELOPMENT	English	This course will give an introduction to computer game development starting from concept development to implementation of a playable game prototype. Both the aesthetic and technical aspects of game development will be covered. The aesthetic component of the course will focus on story and character development, game mechanics, game play and interface design and content creation for games. The technical component of the course will focus on programming tools and concepts for games, including data structures & algorithms, computer graphics, human-computer interaction, shader programming and AI. Common topics include project management, prototype development and play testing. Students will work in groups and go through the complete pipeline starting from a basic game idea all the way through developing a playable prototype.	<a href="#">Click Here</a>
FACULTY OF CREATIVE ARTS	GIR1003 INTRODUCTION MALAY FOLK DANCE	English	This course will introduce Malay Folk Dance genres that are commonly choreographed and performed for stage performances. Hence, this introductory course will introduce the basic movements of Zapin and Joget.	<a href="#">Click Here</a>
FACULTY OF CREATIVE ARTS	RIA2006 WORLD MUSIC CULTURE	English	This course is a survey of music from different parts of the world, covering Asia, Africa, Middle East, Europe and Americas. Through lecture, discussion, assignments, and attending world music concerts, student explore music styles and concepts and the ways in which music functions as part of society in cultures throughout the world.	<a href="#">Click Here</a>
FACULTY OF CREATIVE ARTS	RIA2026 MUSIC APPRECIATION	English	This course covers the elements of music, including pitch, meter, timbre, instruments, and texture of the music. Compositional process, improvisation, transmission of music, function of music and its society will be discussed in class. At the end of the course, students will be able to appreciate and understand music from different perspectives.	<a href="#">Click Here</a>

FACULTY OF CREATIVE ARTS	RIB2007 PRACTICUM IN MAKE-UP FOR EFFECT	English	The course is based on practical work. Through workshop, students will be exposed to knowledge and techniques as well as technology in make-up art and special design for performance. Students will have the opportunity to acknowledge and use suitable materials based on special make-up design. Students also will learn application techniques of several types of make-up such as make-up for beauty, 3 dimensional make-up, fantasy effect and others. Students will be supervised closely as well as given opportunity to produce art work that would be analysed based on characters and scripts.	<a href="#">Click Here</a>
FACULTY OF CREATIVE ARTS	RIB2020 LIGHTING DESIGN	English	Introduce students to the different components of lighting and their functions in a stage performance. Provides opportunities for practical experience in lighting the stage and on the demands of techniques of lighting & sound aspects.	<a href="#">Click Here</a>
FACULTY OF CREATIVE ARTS	RIB2021 SOUND DESIGN	English	Introduce students to the different components of sound and their functions in a stage performance. Provides opportunities for practical experience on the demands of techniques of sound aspects.	<a href="#">Click Here</a>
FACULTY OF CREATIVE ARTS	RIB3007 CHILDREN'S THEATRE PRODUCTION	English	This course emphasizes planning, making, and performing theatre for young audiences. By referring to the basic principles of children's character and moral education, students will select or write script, plan and prepare a theatre performance for children.	<a href="#">Click Here</a>
FACULTY OF CREATIVE ARTS	RIC2010 DANCERS CONDITIONING	English	Introducing the students to the physical and individual needs and body strengths as a whole. Combining lectures and training in building muscle strengths, flexibility and cardiovascular strengths. Students are informed on the basic requirements not offered in the normal dance class. The activities includes Therabands, Dunham, Yoga and aerobics on land and in the water.	<a href="#">Click Here</a>
FACULTY OF CREATIVE ARTS	RIC2012 INDIAN CLASSICAL DANCE - BHARATA NATYAM	English	Building the understanding on Bharata Natyam. Nritta, Nritya and Natya and doing research on the background and history of Indians in Malaysia. Learning the practical positions, positions and basic steps, before achieving the Abinaya level. Understanding the theory of Rasa, sensitivity towards the music and rhythm and discussing on the esthetic values of Bharata Natyam from the attire and make-up oncepts. Discussing on the development and evolution of Bharata Natyam in Malaysia.	<a href="#">Click Here</a>
FACULTY OF CREATIVE ARTS	RIC2021 MALAY DANCE OF NUSANTARA	English	The course is designed to create awareness on the genre and repertoire of the Malay Nusantara dance. It is basically based on practicality of the folk dance either in the form of traditional or improvisation through choreography. The students need to master various movement techniques for appreciation and differentiation. Among them are the:	<a href="#">Click Here</a>

FACULTY OF CREATIVE ARTS	RIC2022 TAI CHI	English	This course is based on the wisdom of Tai-Chi 37 which consists of 37 forms, which is divided to 5 sets of the 5 main versions of the 5 schools of Tai-Chi. Without repetitions, the main mannerism is based on the school of Yang and Chen, which consists of the symmetrical shapes, left and right. The concepts are connected with Tai-Chi Qigong and Tai-Chi meditation. The students will be exposed to various elements such as: 1. Four basic Taiji movements (posture): relax, rooting, centering, dan equilibrium. 2. Four qualities of Taiji: softness, mindfulness, continuity, dan wholesomeness. 3. Three Alignments: With breathing and purpose.	<a href="#">Click Here</a>
FACULTY OF EDUCATION	PIA1001 Introduction to Counselling Psychology	English	This course introduces counseling psychology as a profession to help individuals, groups, and families dealing with situational problems. Topics of discussion comprise the history and development of the profession, the role and function of counsellors, counselling theories, techniques, and processes, the use of tests and assessment tools in counseling, the setting of the counsellor workplace, as well as ethical issues in counseling psychology.	<a href="#">Click Here</a>
FACULTY OF EDUCATION	PIA1004 SOCIAL PSYCHOLOGY	English	The scope of the course helps students understand the formation of social behavior of individuals in the sociocultural context. This will enable students to apply core concepts of social psychology in counseling practice. They will be able to relate the role of social groups and social agencies in shaping social behavior of individuals. A few other issues will also be explored in the discussion of social process, among them the impact of globalization and ICT in the sociocultural context.	<a href="#">Click Here</a>
FACULTY OF EDUCATION	PIA3003 PROGRAM ORGANISATION FOR COUNSELING SERVICES	English	This course will give students the knowledge and field experience in the methods of programs planning for organizations, specifically for motivational training and employee management in organizations. Students will be trained in producing proposals for implementation of counseling programs in organizations.	<a href="#">Click Here</a>
FACULTY OF EDUCATION	PIB2003 WRITING SKILLS FOR TEXTUAL ANALYSIS	English	This course introduces basic features of literary texts. Students will learn to identify devices such as simile, metaphor, imagery and diction commonly found in literary texts, and explain how they are used to convey meaning. Students will also learn how to write short paragraphs about the use of these literary devices.	<a href="#">Click Here</a>
FACULTY OF EDUCATION	PIC1007 Play and Development (FOR UKM CITRA STUDENTS ONLY)	English	Through this course students will able to understand the role of play and to acquire ability in using play as a method of learning for young children. The course also observes play theory, types of play and their relationship to age, organization of various play activities to encourage children's physical, intellectual, language, social and emotional development. Students are required to construct playthings guided by the principles taught.	<a href="#">Click Here</a>

FACULTY OF EDUCATION	PIC2005 CHILDREN AND FAMILY INTERVENTION (FOR UKM CITRA STUDNENTS ONLY)	English	The course aims to develop knowledge and understanding of early childhood learners concerning the philosophy of intervention, relevant concepts and policies for early intervention. In addition the course aims to develop knowledge and understanding of students towards information on services concerning intervention for children with special needs and their families. The course also emphasises on the development of knowledge and ways of working with children with special needs and their families. Students are introduced to issues and trends in intervention involving children and their families.	<a href="#">Click Here</a>
FACULTY OF EDUCATION	PIC2006 PRINCIPLES OF CHILDREN BEHAVIOR MANAGEMENT (FOR UKM CITRA STUDNETS ONLY)	English	This course aims to discuss the principles of effective behavior management of children through the application of behavioral theories to help solve the problem of negative behavior of children into positive and propositional behavior, further discussing the latest studies in and outside the country to understand more in-depth principles of children behavior management.	<a href="#">Click Here</a>
FACULTY OF EDUCATION	PIC2009 READING AND MATHEMATICS METHODS FOR CHILDREN WITH DISABILITIES (FOR UKM CITRA STUDENTS ONLY)	English	This course is designed to enhance students' understanding on the characteristics and issues in relation to reading and mathematical learning among children with disabilities. Students will be introduced to modes of assessment for the identification of weaknesses of children in reading and mathematical learning. The curriculum and appropriate materials in supporting teaching and learning of reading and mathematics to children with disabilities will be discussed. In addition, the implication of learning theories in teaching reading and mathematics to children with disabilities will also be discussed. The course also emphasises on the application of appropriate techniques in teaching reading and mathematical skills for children with disabilities.	<a href="#">Click Here</a>
FACULTY OF ENGINEERING	KIA1004 MECHANICS OF MATERIALS	English	This course starts off with analysis of stresses, strains and deformation of beams and columns. It follows with torsional theory and formula for circular and non- circular sections together with shear flow for beams and thin-walled members. Then, it covers the analysis of stress and strain transformations. The course ended with plastic analysis method.	<a href="#">Click Here</a>

FACULTY OF ENGINEERING	KIA1007 PROGRAMMING AND INFORMATION SYSTEM	English	This course is divided into two parts: GIS and Computer Programming. The first part introduces the geographical information systems (GIS) concepts including applications, system components and its functionality. This is followed by practical application of GIS software to carry out a project. The second part is the computer programming. This part introduces the process of computer programming. Basic programming tools and programming procedures are covered. Development of computer codes to solve mathematical and engineering problem are included. This is followed by running the complete computer program codes on PC and finally demonstrating how the developed program can be used to solve a particular problem.	<a href="#">Click Here</a>
FACULTY OF ENGINEERING	KIA2005 Water Resources	English	Introduction to hydrological cycle, water balance, surface water and groundwater flow. Application of statistic and probability in hydrology and water resources management. Introduction to urban hydrology and application to Malaysian systems.	<a href="#">Click Here</a>
FACULTY OF ENGINEERING	KIA2016 HIGHWAY ENGINEERING	English	Planning and administration of roads and highways, geometric design of roads and junctions including road furnitures.	<a href="#">Click Here</a>
FACULTY OF ENGINEERING	KIA3006 FOUNDATION ENGINEERING	English	The subject covers foundation design overview, bearing capacity of shallow foundation, pile foundation capacity, earth pressure and earth retaining structures	<a href="#">Click Here</a>
FACULTY OF ENGINEERING	KIB2015 SAFETY AND STANDARDS IN BIOMEDICAL ENGINEERING	English	This course aims to teach biomedical engineering students the safety and standards in biomedical engineering. Although this course does not have pre-requisite, a strong knowledge about the usage of devices as biomedical engineer is important. Knowledge in both mechanical and electrical safety and standards that being used in biomedical engineering field. This course teaches the students the safety required when dealing with biomedical devices, machine, electrical and electronics standards, design of medical devices and ethical codes of practice as biomedical engineer. The knowledge from this is applied into the design and analysis of biomedical devices in order to achieve the best performance and yet is still safe during operation. Students who have successfully completed this course will be able to know the safety require in dealing with biomedical devices and standards that used in the biomedical industry. This knowledge is extremely important for continuation of other higher level of standards learn in medical devices courses.	<a href="#">Click Here</a>
FACULTY OF ENGINEERING	KIB4007 Tissue Engineering	English	This course covers the basic principles of tissue engineering focused upon the combination of cells, scaffolds, components of extracellular matrix and appropriate stimulation. Also reviews current strategies and usage of tissue engineering.	<a href="#">Click Here</a>

FACULTY OF ENGINEERING	KIB4010 Medical Imaging	English	The course introduces the basic principles and design of medical diagnostic imaging equipment. A few medical imaging technologies are covered such as X-rays, gamma rays, and computed tomography, fluoroscopy, mammography, projection radiography, magnetic resonance imaging, ultrasound, laser and optoelectronics. The course also exposes the students to the quality control in diagnostics and radiation safety.	<a href="#">Click Here</a>
FACULTY OF ENGINEERING	KIB4013 Biotransport and Artificial Organ	English	This course covers various types of artificial organs including artificial lung, artificial kidney, artificial heart and cardiac valve prosthesis. Focus is given to understanding the principles and components, as well as the performance and designs of artificial organs. In addition, mass transport principles would be applied to solve problems related to the design and applications of artificial organs. Screen reader support enabled.	<a href="#">Click Here</a>
FACULTY OF ENGINEERING	KIE1006 Electronic Physics	English	This course provides a basis for understanding of physics, characteristics and electrical properties of semiconductor materials and devices. This course will also cover the theory of solids, the study of semiconductor in equilibrium, carrier transport phenomena and PN-junctions.	<a href="#">Click Here</a>
FACULTY OF ENGINEERING	KIE1007 Electronic Circuit I	English	This course provides an introduction to modern electronic circuit design and to the concepts of active and passive semiconducting devices (diodes, bipolar and MOSFET transistors), and a discussion of their use in a number of basic electronic circuits i.e. amplifiers and operational amplifiers.	<a href="#">Click Here</a>
FACULTY OF ENGINEERING	KIE2006 Signal and System	English	Time and frequency domain representation of continuous and discrete time signals. Introduction to sampling and sampling theorem. Time and frequency analysis of continuous and discrete linear system. Fourier series convolution, transfer functions, Fourier Transform, Laplace Transform and Z-transform.	<a href="#">Click Here</a>
FACULTY OF ENGINEERING	KIE2008 Communication System	English	This course provides an introduction to the basic principles that are used in the analysis and design of analog and digital communication systems. This course also presents analytical concepts in modern communication systems analysis and design.	<a href="#">Click Here</a>
FACULTY OF ENGINEERING	KIE2009 Machines and Drives	English	This course introduces the students to the basics of electrical machines and simple drives. It provides opportunities for students to have hands on experience on design and construction of simple machines.	<a href="#">Click Here</a>
FACULTY OF ENGINEERING	KIE2011 DIGITAL DESIGN	English	The fundamental concepts of modern digital design using CMOS technology with an emphasis on "hands-on" IC design using CAD tools, an overview of CMOS technology, design of combinational and sequential logic circuits, synthesis of digital systems using Hardware Description Languages (HDL) on physical hardware, architectural aspects of HDL, verification and debugging, timing analysis as well as optimization techniques.	<a href="#">Click Here</a>

FACULTY OF ENGINEERING	KIE3008 Power Electronics	English	The course covers the introduction to the power electronics devices, cooling systems, and device protection. Power Electronics circuit such as uncontrolled and controlled DC (single and three phases), different types of DC to DC converter, and single and three phases rectifier and inverter is introduced. The student will be introduced to voltage control technique and pulse width modulation techniques design.	<a href="#">Click Here</a>
FACULTY OF ENGINEERING	KIE3009 Energy Conversion and High Voltage Transmission	English	Students will be introduced to various energy conversion and electric power generation methods and power system components including transformers, generators and system protection devices. Students will be taught on how to analyse power system networks and symmetrical faults using simulation software. Overvoltage, insulation coordination and high voltage direct current transmission lines are also covered in this course.	<a href="#">Click Here</a>
FACULTY OF ENGINEERING	KIE3010 Instrumentation	English	This course will introduce instrumentation technology especially for process control system. This will include the operation and properties of various types of sensors. Methodology on how to design the analogue and digital signal conditioning circuits for those sensors also would be elaborate. This course will also introduce various types of actuators to the students.	<a href="#">Click Here</a>
FACULTY OF ENGINEERING	KIE4005 Power Quality	English	Students will be introduced to various energy conversion and electric power generation methods and power system components including transformers, generators and system protection devices. Students will be taught on how to analyse power system networks and symmetrical faults using simulation software. Overvoltage, insulation coordination and high voltage direct current transmission lines are also covered in this course.	<a href="#">Click Here</a>
FACULTY OF ENGINEERING	KIE4011 Renewable Energy	English	Modern society relies on stable, readily available energy supplies. Renewable energy is an increasingly important component of the new energy mix. The course covers energy conversion, utilization and storage for renewable technologies such as wind, solar, hydro, Oceanic Energy and hybrid systems. Thermodynamics concepts (including the first and second law) will form the basis for modeling the renewable energy systems. The course also touches upon the environmental consequences of energy conversion and how renewable energy can reduce air pollution and global climate change.	<a href="#">Click Here</a>

FACULTY OF ENGINEERING	KIE4012 Nanotechnology for Sustainable Energy	English	Nanotechnology is an exciting study of science, engineering and technology conducted at the nanoscale. Materials operating at the nanoscale, such as quantum dots, nanowires and graphene nanosheets behave significantly different compared to the same materials at a larger scale. This behaviour can be exploited to enhance the performance of sustainable energy harvesting and storage devices, such as solar cells, thermoelectrics, fuel cells and batteries. This course introduces nanotechnology and its role improving the performance and sustainability aspect of these devices. Case studies of state of the art technology will showcase the cutting edge development of nanotechnology in energy devices.	<a href="#">Click Here</a>
FACULTY OF ENGINEERING	KIE4016 Antenna and Propagation	English	Introduce the basic essentials of antenna. Starting with the plane electromagnetic waves and the laws that governs the propagation between the transmitting and receiving antennas, the important antennas parameters such as patterns, directivity and gain is explained. The course covers the antenna family that describes various antenna types, the electric dipoles, the loop antennas, uniform linear arrays and the basic concept of antenna measurements.	<a href="#">Click Here</a>
FACULTY OF ENGINEERING	KIE4017 Optical Waveguides	English	The course will provide an introduction to optical waveguide analysis, and will then focus on issues relating to integrated optical devices such as design, fabrication and characterisation. We will first look at the photonic value chain, and make the distinction between fibre-based, bulk, and integrated optics. Applications involving integrated optics will also be elaborated. These applications include communication, and sensing.	<a href="#">Click Here</a>
FACULTY OF ENGINEERING	KIE4018 VLSI Design	English	This course is intended to be an introduction to the design of very large scale integration (VLSI) circuits. Advanced topics includes: IC technology, CAD tools, layout, design rules, CMOS circuit characterization and performance estimation, standard cells and full custom designs, architectures for VLSI, timing, and testability.	<a href="#">Click Here</a>
FACULTY OF ENGINEERING	KIE4020 Microwave Electronics and Systems	English	The goal of this course is to introduce microwave electronics and system applications. This course is developed to meet minimum industrial requirements in the topic area. A strong theoretical background from the impedance and ABCD matrix of 2-port network, transmission line concept and the scattering parameter will be covered. Overview of Smith Chart and the implementations and impedance matching network and transformations will be given. Microwave electronics components and device technologies that aligned with state-of-art, microwave filter design, low noise amplifier, oscillator, high power amplifier and phased-lock loop will be covered. Also, microwave transceiver system will be included as overall system integration. Students will be exposed to use industry standard EDA tools to design, optimize and simulate microwave electronics circuit and systems.	<a href="#">Click Here</a>

FACULTY OF ENGINEERING	KIE4022 Embedded Systems	English	This course provides a practical introduction to the design of microprocessor-based electronic systems. The lectures and project work will expose students to the various stages in an engineering project (design, implementation, testing and documentation) and a range of embedded system concepts.	<a href="#">Click Here</a>
FACULTY OF ENGINEERING	KIE4024 Optimization Methods	English	This course aim to provide platform for students to study, understand, develop, solve and assess the engineering problem using artificial intelligence techniques.	<a href="#">Click Here</a>
FACULTY OF ENGINEERING	KIE4025 Pattern Recognition	English	Pattern recognition techniques are used to design automated systems that improve their own performance through experience. This course covers the methodologies, technologies, and algorithms of statistical pattern recognition from a variety of perspectives. Topics including Bayesian Decision Theory, Estimation Theory, Linear Discrimination Functions, Nonparametric Techniques, Support Vector Machines, Neural Networks, Decision Trees, and Clustering Algorithms etc. will be presented.	<a href="#">Click Here</a>
FACULTY OF ENGINEERING	KIE4026 Data Communication Networks	English	This course attempts to provide a unified overview of the data communication networks. It encompasses the TCP/IP protocol architecture and the concepts used at every layer, including encoding techniques, error handling, data link control, multiplexing and spread spectrum, switching and routing, and congestion control.	<a href="#">Click Here</a>
FACULTY OF ENGINEERING	KIG2007 Computer Programming	English	This course introduces students to computer systems and makes them familiar with the computer programming. The course helps students to develop their skill and feel confident to write computer programs and map scientific problems into computational frameworks.	<a href="#">Click Here</a>
FACULTY OF ENGINEERING	KIG2017 DESIGN OF MACHINE ELEMENTS	English	In the initial, the subject covers about load, stresses and material failures from static and variable loadings from several theories like MSS, DE, Coulomb-Mohr, MNS and Modified Mohr for ductile and brittle materials. Next, these calculations are applied for most important machine elements such as gear, bearing, shaft, screw and welding. Participants will endeavor into learning how machine elements works and how sizes are decided based on safety factors and life cycle calculations.	<a href="#">Click Here</a>
FACULTY OF ENGINEERING	KIG2018 ENGINEERING THERMODYNAMICS 2	English	This course introduces the applications of thermodynamics for power cycles, refrigeration cycles and combustion processes which are used in our daily life. The First and Second Law of thermodynamic are used. This course is also aimed at enriching students with critical thinking skills and possess the ability to use the thermodynamics laws correctly in engineering problems and solve energy problems	<a href="#">Click Here</a>

FACULTY OF ENGINEERING	KIG2019 NUMERICAL AND STATISTICAL METHODS IN ENGINEERING	English	This course introduces students to the basic concepts, calculation, and data analysis of numerical and statistical methods. It consists of mathematical modelling using ODE & PDE with numerical solutions, solving linear algebraic equations, numerical integration & differentiation, Monte Carlo integration, interpolation & regression, correlation, and analysis of variance. Student will implement the programming for applying the numerical and statistical methods, in order to solve a particular engineering problem.	<a href="#">Click Here</a>
FACULTY OF ENGINEERING	KIG2020 MECHATRONICS 2	English	Course is started with the understanding a basic building and performance of diode and transistor. It is continued with the circuit related to transistor like an opamp (among others). The understanding basic of logic gate, boolean algebra and their combined and sequential logic circuit are explained. Knowledge of semiconductor and logic circuit will proceed with the system of analog to digital and vice versa. Lastly simple system such as the one utilizing DC motor will be employed.	<a href="#">Click Here</a>
FACULTY OF ENGINEERING	KIG3005 Energy and Environment	English	This course exposes students to a societal problem of great concern-namely, energy utilization and environmental effects that result from energy use. This course utilizes core curriculum skills in describing and analyzing the policy and modern technology being implemented to ameliorate the adverse environmental effects. These enable the students to integrate the understanding into appreciation of both advance technology and science that must be employed by nation to maintain a live able environment while providing improved economic status for their populations.	<a href="#">Click Here</a>
FACULTY OF ENGINEERING	KII4005 Sensors in Healthcare	English	This course introduces various sensors used in the field of Healthcare, especially in the area of Prosthetics and Orthotics (P&O). This course will also feature emerging trends and applications of these Sensors in P&O. Advantageous to clinicians and P&O engineers to tackle numerous issues related Healthcare.	<a href="#">Click Here</a>
FACULTY OF ENGINEERING	KIL2009 CHEMICAL REACTION ENGINEERING I	English	This course introduces the concept of chemical reaction engineering such as rate expressions, conversion etc. These concepts are used to derive rate equation for reaction, based on pseudo steady state assumption, rate limiting step assumptions. The rate equations can be used to derive design equation for different types of reactors (batch, semi-batch, CSTR, PFR) and reaction schemes (constant and variable volume). Based on the knowledge of types of reactors, the experimental data for determination of kinetic parameters can be analysed. The course also covers mass and energy balances to examine the effects on the product yield and multiple steady state phenomenon for non-isothermal and adiabatic reactors.	<a href="#">Click Here</a>

FACULTY OF ENGINEERING	KIL3005 PARTICLES TECHNOLOGY	English	This course covers concept and technologies involving particulate solids. The course begins with particulate solid definition and characterization. Then students are exposed to packed bed and fluidization mechanism. Following that, popular applications in the field such as filtration, storage and flow and pneumatic conveying are taught. Towards the end, students will be involved in equipment design of unit operations related to particulate systems, focusing on cyclone and hopper design. The course concludes with health, fire and explosion hazard of fine powders.	<a href="#">Click Here</a>
FACULTY OF ENGINEERING	KIX3001 Integrated Design Project II (FOR INJE UNIVERSITY ONLY)	English	Design project course with research component.	<a href="#">Click Here</a>
FACULTY OF LANGUAGES AND LINGUISTICS	GLT1001 Elementary Malay	English	The course provides lessons to international students enrolled in the undergraduate study programmes to master elementary Malay. The course encompasses the four skills of speaking, listening, reading and writing necessary for general communication in Malay. Emphasis will be given to oral and writing exercises.	<a href="#">Click Here</a>
FACULTY OF LANGUAGES AND LINGUISTICS	GLT1018 PROFICIENCY IN ENGLISH I	English	This course is designed for students with basic proficiency in English. Focus is on building speaking and reading competence with an emphasis on accuracy in grammar and on vocabulary building. Students will develop structural accuracy, reasonable oral fluency and language appropriateness by practising the language in a variety of contexts.	<a href="#">Click Here</a>
FACULTY OF LANGUAGES AND LINGUISTICS	GLT1019 LET'S SPEAK	English	This course focuses on preparing a speech in English accurately and coherently. It also develops students' speech planning skills in stages. Students will learn to speak accurately using the appropriate language strategies to a selected audience.	<a href="#">Click Here</a>
FACULTY OF LANGUAGES AND LINGUISTICS	GLT1021 PROFICIENCY IN ENGLISH II	English	This course is designed to improve students' English Language proficiency in terms of accuracy and language use at the intermediate level. Students will be exposed to a variety of reading texts in order to improve their reading skills. They will also be given ample speaking practice to develop their confidence in communicating and interacting with others in a multitude of situations. The course improves students' skills in writing texts coherently on various topics.	<a href="#">Click Here</a>
FACULTY OF LANGUAGES AND LINGUISTICS	GLT1022 SPEAK UP	English	This course focuses on speaking English accurately and coherently at the intermediate level. It develops students' communication strategies that enable them to interact appropriately in a variety of informal situations.	<a href="#">Click Here</a>

FACULTY OF LANGUAGES AND LINGUISTICS	GLT1024 PROFICIENCY IN ENGLISH III	English	This course is designed to fortify students' English Language proficiency in terms of accuracy and effectiveness at a developing upper intermediate level. Students will be taught the four language skills with a focus on reading, writing and speaking. They will be exposed to a variety of texts to develop a higher level of proficiency that will allow them to apply the skills learnt.	<a href="#">Click Here</a>
FACULTY OF LANGUAGES AND LINGUISTICS	GLT1025 EFFECTIVE ORAL COMMUNICATION	English	The course encompasses different aspects of oral communication used in delivering speeches and presentations at the high intermediate level. Appropriate examples from a variety of situations are used as practice materials for students to analyse, discuss and apply the strategies taught.	<a href="#">Click Here</a>
FACULTY OF LANGUAGES AND LINGUISTICS	GLT1026 WRITING AT THE WORKPLACE	English	This course will introduce students to effective writing skills at the workplace. Using relevant materials, students will be taught in stages how to produce documents within a workplace context.	<a href="#">Click Here</a>
FACULTY OF LANGUAGES AND LINGUISTICS	TIC2015 LANGUAGE AND CHINESE SOCIETY	English	This course examines the role of Chinese language among the Chinese community. Emphasis will be given to the use of Chinese language in the contexts related to the Chinese community, for instance, socio-economics, socio-culture, education and national policies. The structure and organization of the Chinese community will also be studied through the usage of language.	<a href="#">Click Here</a>
FACULTY OF LANGUAGES AND LINGUISTICS	TIC2016 CHINESE DIALECTOLOGY	English	Students are exposed to the knowledge of Chinese dialectology in theory and practical. Linguistic features of the main Chinese dialect groups will be introduced. Emphasis will be given to phonetics, lexis and syntax features of Chinese dialects in Malaysia. Students will be taught to do a preliminary dialect survey with Chinese dialectology method, including using software related to language documentation.	<a href="#">Click Here</a>
FACULTY OF LANGUAGES AND LINGUISTICS	TIC2017 CHINESE LANGUAGE FOR ADVERTISEMENT	English	This course introduces the specific language used in the advertising profession. Authentic materials such as advertisements in magazines and newspapers, radio, television or internet are used to improve the students' knowledge on the language used in this field.	<a href="#">Click Here</a>
FACULTY OF LANGUAGES AND LINGUISTICS	TIX1037 INTRODUCTION TO COMMUNICATION IN FRENCH LANGUAGE LEVEL I	English	In this course, students will be exposed to basic French language structures and grammar system. Students will be taught reading, writing, listening and speaking skills. They will learn the correct pronunciation and intonation of the French language. They will also learn to produce simple dialogues and sentences used in the French language.	<a href="#">Click Here</a>

FACULTY OF LANGUAGES AND LINGUISTICS	TIX2022 LANGUAGE IN TECHNOLOGY AND NEW MEDIA	English	The aim of this course is to discuss the relationship between language in technology, new media and society. Students will be introduced to different technology applications for different purposes such as language learning and language research. Students will also analyse the language used in the new media and its networks, in particular the linguistic devices for communication. Students will be exposed to the social and cultural dynamics that create and are created by technology and new media such as the Internet, social media, mobile devices and the internet of things (IOT).	<a href="#">Click Here</a>
FACULTY OF LAW	LIA3002 An Introduction to Public International Law	English & Malay	The objective of this course is to introduce to the students the general principles of public international law. The course gives the students an understanding of how international law is accepted and its applicability in the current context.	<a href="#">Click Here</a>
FACULTY OF LAW	LIA3008 INTRODUCTION TO INTELLECTUAL PROPERTY		This course introduces students to the sources of intellectual property law and the general principles in the main categories of intellectual property law. The categories are patent, copyright, trademarks, designs and confidential information. The aim of the course is to provide students with an understanding of the basic issues in the protection of intellectual property and enable them to be aware of the impact of intellectual property in the commercial and non-commercial world.	<a href="#">Click Here</a>
FACULTY OF PHARMACY	OIA1003 BIOCHEMISTRY	English	This course aims to equip students with basic knowledge on the biochemical processes of the human body.	<a href="#">Click Here</a>
FACULTY OF PHARMACY	OIA1008 PHYSICAL PHARMACY	English	The course introduces to the students the principles of physical pharmacy required in the formulations of pharmaceutical dosage forms. Physicochemical properties of the pharmaceutical materials together with the methods to determine their properties are also included. The students will also perform laboratory works related topics given in the theory, namely dispersed systems, surface properties, dissolution and rheology.	<a href="#">Click Here</a>
FACULTY OF PHARMACY	OIA1015 PHARMACOTHERAPY FOR BACTERIAL INFECTIONS	English	This module is one of the module series that integrates the pharmacology discipline with clinical pharmacy. In this module, pharmacology of antimicrobial and the clinical management of infectious diseases caused by bacteria will be discussed. Students will also be introduced to the concept of management of infectious diseases of various organ system, such as skin, respiratory, cardiovascular and central nervous system	<a href="#">Click Here</a>

FACULTY OF PHARMACY	OIA2004 PHARMACOTHERAPY FOR RESPIRATORY AND GASTROINTESTINAL DISORDERS	English	This module is one of a series of modules that integrate the discipline of pharmacology and clinical pharmacy. In this module, pharmacology of gastrointestinal and respiratory drugs and clinical management of gastrointestinal and respiratory disorders will be covered. Students will be introduced to the concept of management of various gastrointestinal and respiratory disorders such as peptic ulcer disease, hepatic disorders, asthma and chronic obstructive airway disease (COAD).	<a href="#">Click Here</a>
FACULTY OF PHARMACY	OIA2006 CHROMATOGRAPHY, ELECTROCHEMISTRY AND RADIOCHEMISTRY	English	This course is a continuation from the pharmaceutical analysis to introduce analytical principles and techniques that is used in drug quality control and dosage design and research and development.	<a href="#">Click Here</a>
FACULTY OF PHARMACY	OIA2007 PHARMACOGNOSY	English	This course provides the overview of potential natural sources of drugs and development of natural drugs in the form acceptable to allopathic system of medicine especially from plants. The relationship between the biogenetic pathways and pharmaceutically important secondary metabolites is explained. The course also emphasizes on the concepts and techniques in standardization of plant drugs, and aspects on quality control are introduced. The effect of period of collection, method of storage and processing on the quality of plant drugs will also be explained.	<a href="#">Click Here</a>
FACULTY OF PHARMACY	OIA2008 STERILE PHARMACEUTICAL DOSAGE FORM DESIGN	English	Students will be introduced to the overall concept and calculations on sterile dosage forms. Students will be introduced to equipments used in the manufacturing and requirement of the manufacturing plant for sterile dosage forms. Students will be given the chance to use the equipment available for practicals in preparation of this dosage form. Students will do hands-on quality control tests and extemporaneous preparation of sterile dosage forms.	<a href="#">Click Here</a>
FACULTY OF PHARMACY	OIA2011 PHARMACOTHERAPY FOR CARDIOVASCULAR DISORDERS	English	This module is one of a series of modules that integrate the discipline of pharmacology and clinical pharmacy. In this module, pharmacology of cardiovascular drugs and clinical management of cardiovascular disorders will be covered. Students will be introduced to the concept of management of various cardiovascular disorders such as hypertension, heart failure, coronary artery disease, arrhythmias, hyperlipidaemia and stroke.	<a href="#">Click Here</a>
FACULTY OF PHARMACY	OIA2015 PHARMACOTHERAPY FOR PSYCHIATRIC AND NEUROLOGICAL DISORDERS	English	This module is one of a series of modules that integrate the discipline of pharmacology and clinical pharmacy. In this module, pharmacology of psychiatric and neurological disorders drugs and clinical management of psychiatric and neurological disorders will be covered. Students will be introduced to the concept of management of various neurology disorders such as Parkinson, epilepsy dan Alzheimer's disease; psychiatric disorders such as depression, anxiety, dan schizophrenia. Substance-related disorders will also be given emphasis.	<a href="#">Click Here</a>

FACULTY OF PHARMACY	OIA3001 SOLID PHARMACEUTICAL DOSAGE FORM DESIGN	English	Student will be introduced to overall concept and characteristics of solid pharmaceutical dosage form. Student will be introduced to all basic equipments involved in the manufacturing of solid pharmaceutical dosage form. Student will be trained hands-on in optimization of formulation and manufacturing of solid dosage forms using the facilities in the pilot plant. Student will be also trained to do quality control tests of solid dosage forms.	<a href="#">Click Here</a>
FACULTY OF PHARMACY	OIA3022 CLINICAL TOXICOLOGY	English	This module introduces students to the basic principles in toxicology. Students will be exposed to the field of clinical toxicology, the area of toxicology that is most relevant to a pharmacist.	<a href="#">Click Here</a>
FACULTY OF SCIENCE	SIC1001 Principle Of Chemistry	English	<p><b>Stoichiometry</b> The mole concept, chemical formulas (empirical and molecular), balanced chemical equations (molecular and redox), percentage yield, chemical reactions in aqueous solution, molarity, and analytical chemistry (gravimetric and volumetric).</p> <p><b>Atomic Structure</b> Models of Atomic Structure (Dalton, Bohr, Quantum Theory) Wavefunction (Quantisation, Atomic Orbitals) Many-electron Atoms (Heisenberg Uncertainty Principle, Pauli Exclusion Principle, Hund's Rule, Aufbau Principle, Electronic Configuration).</p> <p><b>Periodic Table</b> Trends in physical and chemical properties of elements in relation to electronic configuration (atomic size, ionic radius, ionization energy, electron affinity, electronegativity and metallic properties, acid-base and redox) Introduction to Chemical Bonding Ionic versus covalent bonding, nature of the covalent bond, valence bond theory (hybridization), molecular orbital theory.</p> <p><b>Gas</b> The kinetic theory of gas and equation of state for ideal and real gases.</p>	<a href="#">Click Here</a>

FACULTY OF SCIENCE	SIC1006 COMPUTER PROGRAMMING FOR THE SCIENCES	English	<p>This course aims to arm science students with the basics of programming computers using Python. This course covers the basics of how one constructs a program from a series of simple instructions in Python. This course has no pre-requisites and avoids all but the simplest mathematics. Anyone with some computer experience should be able to master the materials in this course. At the end of this course students should be able to:</p> <ol style="list-style-type: none"> <li>1) Map scientific problems into computational frameworks.</li> <li>2) Read, write and debug Python codes for these scientific problems.</li> <li>3) Describe the advantages and limitations of a computer language in solving these problems.</li> </ol> <p>Students who successfully completed this course will be prepared for more advanced concepts of programming and effectively use external modules related to the various fields of science in solving more sophisticated problems.</p>	<a href="#">Click Here</a>
FACULTY OF SCIENCE	SIC1007 INORGANIC CHEMISTRY i	English	<p>Non-aqueous media: Introduction to non-aqueous media Acid–base behaviour in non-aqueous solvent, selfionizing and non-ionizing non-aqueous solvent, liquid: ammonia, hydrogen fluoride, sulfuric, fluorosulfonic acid, supercritical fluid, ionic liquid. Types of solids: Description of the structures of solid, Structure of metals and alloys, Ionic solids. Chemistry of s and p-block elements: Occurrence and abundance, extraction, physical properties and chemical properties. Acid and base: Arrhenius and Ostwald Theory, Bronsted acidity, Bronsted equilibrium, , periodic trend in Bronsted acidity, Lux concept oxoacids, polyoxoacids, Pauling's rule, Lewis acids and bases, relative strength of Lewis acids and bases, Hard-soft theory for acids and bases, thermodynamic parameter for acids and bases, Drago-Wayland equation. Oxidation and reduction reactions: definition and types of redox reactions; oxidizing and reducing agents, oxidation number (O.N.) and its importance, procedure for calculating O.N., elements with more than one O.N. Half redox reactions and balancing of redox reaction equations, standard electrode potential and electrochemical series, Frost diagrams, Pourbaix Diagram and its interpretation, Ellingham diagram.</p>	<a href="#">Click Here</a>
FACULTY OF SCIENCE	SIC1010 MATHEMATICS IN CHEMISTRY	English	<p>This course equips students with the mathematical and conceptual skills that necessary to gain a better understanding of chemistry. The topics covered is organized in two parts: Part I on linear algebra, vector, determinants, and matrices. Part II on calculus and differential equations.</p>	<a href="#">Click Here</a>

FACULTY OF SCIENCE	SIC1011 SAFETY AND BASIC LABORATORY TECHNIQUES	English	Safety in a chemical laboratory; quantitative analysis (volumetry & gravimetry); basic chemical separation techniques; chemical bonding: VSEPR concept, configuration & conformation, stereochemistry	<a href="#">Click Here</a>
FACULTY OF SCIENCE	SIE2001 PRINCIPLES OF SYSTEMATICS	English	This course is to develop the students skill in classification of organisms by understanding the concepts of systematics and the philosophy behind systematics (classification, taxonomy and nomenclature). Taxonomy in particular and systematics are generally essential in scientific research and are fundamental to the study of population genetics.	<a href="#">Click Here</a>
FACULTY OF SCIENCE	SIE2007 POPULATION AND COMMUNITY ECOLOGY	English	Introduction to population growth and dynamics of age-structured populations, population control, theory of competition, herbivory, predation, community, trophic structure and control, community diversity, and maintenance of diversity. Identify the processes affecting abundance of organisms and how population abundance changes through time, demographic characteristics of a population and the techniques used for quantifying these characteristics. The impact of abiotic factors on the nature of population change at small and large scale will be discussed.	<a href="#">Click Here</a>
FACULTY OF SCIENCE	SIE2012 Aquatic Ecology	English	Introduction to the physical and chemical aspects of aquatic systems, and their influence on aquatic organisms. Survey of marine and freshwater organisms with focus on their ecological roles. The basic principles of aquatic ecology are discussed at the community and ecosystem levels, followed by more detailed discussion of the major marine and freshwater ecosystems. Types and exploitation of aquatic resources. Human impacts on aquatic ecosystems.	<a href="#">Click Here</a>
FACULTY OF SCIENCE	SIE2017 ANIMAL PHYSIOLOGY	English	Introduction and concept of physiology. Understanding basic animal physiology such as importance of oxygen, food and energy, temperature adaptation, water, reproduction and movement, information and integration.	<a href="#">Click Here</a>
FACULTY OF SCIENCE	SIE3015 ECOTOXICOLOGY	English	This course will provide a solid foundation in ecotoxicology, including principle study methods in ecotoxicology, distribution of chemicals in the environment, transformation of chemicals in the environment, exposure and uptake by organisms, and effects on population, community and ecosystem. Case studies and the procedures for Ecological Impact Assessments will be studied in detail with an emphasis on the limitations of studies in a constantly changing natural system	<a href="#">Click Here</a>
FACULTY OF SCIENCE	SIE3016 SOIL ECOLOGY AND MANAGEMEN	English	Introduction to the major soil type in Malaysia and its vegetation. Soil biotic and abiotic factors that sustain different vegetations on various soil types. Functions and inter-relationships between organisms in soil, including bacteria, fungi, protista, arthropod and other organisms. Effects of human and/or nature on soil habitat	<a href="#">Click Here</a>

FACULTY OF SCIENCE	SIF1003 Thermal Physics	English	Temperature, heat conduction, diffusion; Zeroth law of thermodynamics; PVT system, Ideal gas, van der Waal gas; Work, heat, internal energy; First, Second and Third laws of thermodynamics; Entropy, enthalpy, thermodynamic potentials; Phase transition, phase diagrams; Kinetic theory for ideal gas; Maxwell-Boltzmann distribution; Real gas, black body radiation, Stefan's law; Equipartition of energy, Partition function; Introduction to statistical mechanics; Basic statistics for thermodynamics	<a href="#">Click Here</a>
FACULTY OF SCIENCE	SIF1005 Electronics I	English	Circuit Theory: Kirchhoff's law, Thevenin's theorem, Norton's theorem, Ohm's law, circuit analysis technique, impedance matching. Semiconductor Diodes: Properties of semiconductor, pn junction, forward and reverse bias conditions, basic energy band diagrams, the current-voltage characteristics and simple diode circuits; the use of diodes in power supply circuits: half-wave, full-wave, bridge rectifiers; transformer, capacitor-input and choke-input filters, special diodes—Zener diode, voltage regulators. Bipolar junction Transistor (BJT): Characteristics of transistor, simple transistor circuit, current and voltage gain, load line concept, biasing requirements, D.C analysis of the circuits and A.C analysis of the BJT circuit.	<a href="#">Click Here</a>
FACULTY OF SCIENCE	SIF1014 VIBRATIONS AND WAVES	English	Sinusoidal vibrations: Description of simple harmonic motion, The rotating-vector representation, Rotating vectors and complex numbers, Complex exponential in waves, Superposed vibrations in one dimension, Two superposed vibrations of equal frequency. Superposed vibrations of different frequency: beats, Many superposed vibrations of the same frequency, Combination of two vibrations at right angles, Perpendicular motions with equal frequencies. Perpendicular motions with different frequencies: Lissajous figures, Free vibrations of physical systems; basic mass-string problem, Solving the harmonic oscillator equation using complex exponentials, Damped oscillations, Forced vibrations and resonance, Undamped oscillator with harmonic forcing, Complex exponential method for forced oscillations, Forced oscillations with damping, transient phenomena, Power absorbed by a driven oscillator. Coupled oscillators and normal modes: Two coupled pendulums, Superposition of normal modes, Normal frequencies - general analytical approach, Forced vibration and resonance for two coupled oscillators. Progressive waves: what is a wave?, Normal modes and travelling waves, Progressive waves in one direction, Superposition of wave pulses. Dispersion: phase and group velocities	<a href="#">Click Here</a>

FACULTY OF SCIENCE	SIF1015 RADIATION PHYSICS	English	Radiation source, Nuclear Instability and types of radioactivity, Half-life and mean life, Natural radioactive series and radioactive equilibrium (Bateman equation), Branching decay and types of decay, Nuclear activation, X-ray production, Moseley law, X-ray fluorescence, Radiation interaction with matter (elastic and inelastic processes), Bremsstrahlung theory, Dosimetry Equivalent dose, Radon and thoron measurements, Biological effect (somatic and genetic), Radiation detectors Radiation protection: Distance, Time, Dose, Applications of radiation.	<a href="#">Click Here</a>
FACULTY OF SCIENCE	SIF1016 MECHANICS I	English	Introduction to classical dynamics; Analysis of motion of single particle (Newton's laws of motion, equation of motion, conservation principle, linear momentum, forces depend on time, velocity, force depends on position, work-energy theorem, potential function, simulation of practical examples); Oscillation ( simple harmonic oscillation, phase diagram, damped oscillation, forced oscillation, simulation/demonstration of oscillation in various systems); Central forces (reduced mass, equation of orbital motion, effective potential, qualitative analysis, planetary motion and Kepler's laws, gravitational force, stability of circular orbit, orbital mechanics, satellite orbits, search for exoplanets); Dynamics of system of particles (center of mass, example of motion in center of mass coordinates, elastic collision, inelastic collision, Rutherford scattering, simulation of collisions); Motion of systems with variable mass( equation of motion, rocket equation, simulation of rocket-like motion in various real world systems)	<a href="#">Click Here</a>

FACULTY OF SCIENCE	SIF1017 MATHEMATICAL METHODS I	English	Differentiation: Differentiation from first principle: products; the chain rule; quotients; implicit differentiation; logarithmic differentiation; Leibnitz' theorem; special points of a function; curvature; theorems of differentiation Integration: Integration from first principles: the inverse of differentiation; by inspection; sinusoidal functions; logarithmic integration; using partial fractions; substitution method; integration by parts; reduction formulae; infinite and improper integrals; plane polar coordinates; integral inequalities; applications of integration Complex number: Real and imaginary parts of complex number; complex plane; complex algebra; complex infinite series; complex power series; elementary functions of complex numbers; Euler's formula; powers and roots of complex numbers; exponential and trigonometric functions; hyperbolic functions; logarithms; complex roots and powers; inverse trigonometric and hyperbolic functions; Matrices and solutions for sets of linear equations: matrix and row reduction; Cramer's rule; vectors and their notation; matrix operations; linear combinations, linear functions, linear operators; matrix operators, Linear transformation, orthogonal transformation, eigen value and eigen vector and diagonalization of matrices; special matrices Partial differentiation: power series in two variables; total differentials; chain rule; implicit differentiation; stationary values of a function with one variable and two variables; application of partial differentiation to maximum and minimum problems including constraints; Lagrange multipliers, endpoint and boundary point problems; change of variables; differentiation of integrals, Leibniz rule	<a href="#">Click Here</a>
FACULTY OF SCIENCE	SII1001 INTRODUCTION TO THE EARTH	English	Origins and structure of the Earth. Mineral and rocks. Rock cycle and geological time. Plate tectonics as a force in the formation of earthquakes, volcanoes, mountain ranges and continental drift.	<a href="#">Click Here</a>
FACULTY OF SCIENCE	SII1002 EARTH SURFACE PROCESSES	English	Processes that change the earth's surface. Weathering. Erosion and deposition by natural agents. Rock cycle. Diagenesis and sedimentary rocks. Principles of stratigraphy, correlation and facies.	<a href="#">Click Here</a>
FACULTY OF SCIENCE	SIM1001 Basic Mathematics	English	Introductory logic. Mathematical statements. Quantifiers. Rules of inference. Mathematical induction, binomial theorem. Sets, Cartesian products, equivalence relations, functions, bijections, inverse functions. Integers, rational numbers, real numbers. Complex numbers. DeMoivre's theorem and roots of unity. Polynomials and equations. Remainder theorem, fundamental theorem of algebra, conjugate roots. Systems of linear equations, row reduction, echelon forms. Matrix operations, algebraic properties of matrices, inverses, elementary matrices, linear independence and homogeneous linear systems, matrices with special forms. Determinants, cofactor	<a href="#">Click Here</a>

FACULTY OF SCIENCE	SIM1002 Calculus I	English	<p>Introductory logic. Mathematical statements. Quantifiers. Rules of inference. Mathematical induction, binomial theorem. Sets, Cartesian products, equivalence relations, functions, bijections, inverse functions. Integers, rational numbers, real numbers. Complex numbers. DeMoivre's theorem and roots of unity. Polynomials and equations. Remainder theorem, fundamental theorem of algebra, conjugate roots.</p> <p>Systems of linear equations, row reduction, echelon forms. Matrix operations, algebraic properties of matrices, inverses, elementary matrices, linear independence and homogeneous linear systems, matrices with special forms. Determinants, cofactor</p>	<a href="#">Click Here</a>
FACULTY OF SCIENCE	SIM1003 Calculus II	English	<p>Inverses trigonometric functions, hyperbolic functions, inverses of hyperbolic functions. Integration by parts, integration of rational functions by partial fractions, trigonometric integrals, trigonometric substitutions, improper Integrals. Sequence, infinite series, integral test, comparison tests, the ratio and root tests, alternating series test, absolute and conditionally convergence, power series, Taylor and Maclaurin series. Vectors, Dot product, Cross Product and triple Product, lines and planes. Polar coordinates. Cyclinder and quadric surfaces.</p>	<a href="#">Click Here</a>
FACULTY OF SCIENCE	SIM1006 ORDINARY DIFFERENTIAL EQUATIONS	English	<p>First order ODE: Definitions, solution concepts, valid solution intervals. Solutions to variable separable equations, linear equations, Bernoulli, exact and non- exact, homogeneous equations. Some applications of first order ODE.</p> <p>Linear ODE with second and higher order: Definitions, solution concepts, linear independence, Wronskian. Solution to homogeneous and non- homogeneous equations. Method of undetermined coefficient, Variation of parameters, Series solution of ordinary differential equations, Frobenius's method, Legendre and Bessel's equations.</p>	<a href="#">Click Here</a>















































