

<i>Faculty</i>	<i>Module Title</i>	<i>Medium of Instruction</i>	<i>Synopsis of Course Contents</i>	<i>Module Proforma</i>
ASIA-EUROPE INSTITUTE	QQB7009 REGIONAL SECURITY IN EUROPE	English	This course enables students to understand the key issues and determinants of regional security in Europe and the role of the region in international order. It deals with regional security issues from the European perspective, and provides a regional- holistic perspective comprising both traditional and non-traditional security domains. In addition, the course also touch on NATO's military and non-military operations.	Click Here
ASIA-EUROPE INSTITUTE	QQB7010 ECONOMIC INTEGRATION IN EUROPE	English	This course provides the rationale for EU's economic integration and an in-depth assessment of the evolving economic issues in economic cooperation and integration since the establishment of the European Coal and Steel Community in 1950. It covers a range of economic issues and the challenges faced by the EU, focusing on the evolution of regional economic cooperation. This includes the EU single market, the Economic and Monetary Union (EMU) and the community budget. The course starts with a critical evaluation of early economic cooperation efforts, and analyses the factors leading to the establishment of various agreements in the economic sector. It concludes by assessing the future of economic cooperation and integration in the EU.	Click Here
ASIA-EUROPE INSTITUTE	QQD7007 ASEAN REGIONALISM	English	This course begins by tracing the evolution of regionalism in Southeast Asia and proceeds with introducing students to theoretical frameworks, practical rationales and expected outcomes of regionalism in ASEAN. It overviews normative values associated with the 'ASEAN Way' of conducting regional relations. The course also offers an analysis of ASEAN strategies to maintain ASEAN relevancy in the globalized world. It discusses other ASEAN- related regionalism processes, such as APEC and TPP, in which ASEAN member states have been involved.	Click Here
ASIA-EUROPE INSTITUTE	QQD7012 DIGITAL ECONOMY IN ASEAN	English	As the world transitions to the Industrial Revolution 4.0, digital economy of the ASEAN region needs to re-position itself in order to effectively participate in the global value chains. It is proven that economic growth is directly linked to innovation. However, today's innovation is more driven by collaboration and risk management, which the ASEAN businesses and institutions need to quickly adapt to. The course focuses on understanding the issues, opportunities and challenges of Knowledge-based Economy in ASEAN and how to meaningfully deal with them. Issues and opportunities arising out of Globalization geopolitics, new media, networks, digital and disruptive technologies are discussed in the context of business, regional architectures and sustainability.	Click Here

ASIA-EUROPE INSTITUTE	QQX7006 POLITICAL ECONOMY OF ASIA-EUROPE RELATIONS	English	This course provides an in-depth assessment of economic and political aspects of Asia-Europe relations especially since the formalisation of the Asia-Europe Meeting (ASEM) in 1996. By analysing the main characteristics of economic and political relations within the ASEM framework, it also looks at the challenges and directions for enhancing cooperation. While this course will begin with a historical anchor that broaches early Asia-Europe relations, the focus will be on understanding contemporary multilateral developments that have evolved since the 1990s. In addition, the course will also discuss contemporary Asia-Europe relations from the perspective of critical global issues, which are also pursued by the United Nations. These include climate change and global warming, financial crises, epidemics and pandemics, and poverty and economic inequality.	Click Here
ASIA-EUROPE INSTITUTE	QQX7008 COMPARATIVE REGIONALISM	English	This course introduces students to the conceptual, theoretical and methodological approaches in the area of comparative regionalism. In addition, it also highlights the problems and pitfalls in comparing regions and regionalism/regionalisation processes across the world. The course looks at the various regional organisations around the world, moving beyond the traditional study of regional integration processes and looking at the cooperation and interaction of regional institutions as opposed to within a region. It also provides students with various comparative standpoints of the different regional organisations such as EU, ASEAN, AU, OAS, SCO, SAARC, Pacific Island Forum and the Arab League.	Click Here
FACULTY OF BUSINESS AND ECONOMICS	AA017004 ECONOMETRIC THEORY AND METHODS	English	This course provides an in-depth discussion of econometrics and discussion based on the purpose and structure in economic analysis. Particular emphasise on the empirical evidence and its implication to the economy.	Click Here
FACULTY OF BUSINESS AND ECONOMICS	AA017006 PUBLIC ECONOMICS	English	This course provides an in-depth discussion of public economics and discussion based on the purpose and structure in economic analysis. Particular emphasise on the public economics discussion and its implication to the economy.	Click Here
FACULTY OF BUSINESS AND ECONOMICS	AA017010 BEHAVIOURAL ECONOMICS	English	This course provides introduction to the foundation of behavioral economics. The focus is on understanding the principles behind the behavioral approach in addressing various economic problems. It commence by reviewing the standard assumptions made in economics and examine evidence on how human behavior systematically departs from these assumptions. It then explore alternative models of human decision making and assess the what extent these models help improve economic analyses.	Click Here
FACULTY OF BUSINESS AND ECONOMICS	AA017012 ECONOMETRICS FOR ECONOMIC ANALYSIS	English	This course provides an in-depth discussion of econometrics and discussion based on the purpose and structure in economic analysis. Particular emphasise on the empirical evidence and its implication to the economy.	Click Here

FACULTY OF BUSINESS AND ECONOMICS	AA017016 ISLAMIC ECONOMICS	English	This course focuses on three aspects of Islamic Economics. The first part elaborates the philosophical foundations of Islamic economics which include underlying worldviews that serve as the pillars of Islamic Economics, methodological arguments and issues relating to the development of the discipline and how Islamic principles pave way for ethical economics. The second part discusses Islamic economic system in comparative perspective, particularly the debate on does capitalism define Islamic Economics. The last part is devoted to analyzing Islamic economics' institutional settings (riba and its prohibition, Islamic social finance, shariah based legal framework of economic behavior) and its operational features (fiscal policy and monetary policy; development policy).	Click Here
FACULTY OF BUSINESS AND ECONOMICS	AA027002 PUBLIC ADMINISTRATION AND POLITICS	English	This course focuses on important elements in the context of public administration such as key theories, democracy and bureaucracy, intergovernmental relations, core functions of public administration, ethics and accountability issues as well as social equity. This course also emphasizes on technology and information management aspects as well as governance and performance of public sector	Click Here
FACULTY OF BUSINESS AND ECONOMICS	AA027004 PUBLIC POLICY ANALYSIS	English	This course deals with the explanation of policy analysis models, identification of relevant actors, sources and institutions in public policy as well as examination and evaluation of complex issues that could affect the overall policy cycle process. This course also emphasizes on models and tools of evaluation in public policy analysis and its application by comparing policies among countries.	Click Here
FACULTY OF BUSINESS AND ECONOMICS	AA027011 LOCAL GOVERNMENT	English	This course explores the fundamentals form and function of local government in the intergovernmental space. It is designed to meet the needs of students who wish to develop an understanding of local government and urbanisation. This course examines the history of local government, and explaining its complex and varied relationship with higher tiers of government. Finally, it explores the nature, causes of urbanisation distress related to local government, and examines the relevant policies to address them.	Click Here
FACULTY OF BUSINESS AND ECONOMICS	AA027014 POLITICAL COMMUNICATION AND MEDIA	English	This course focuses on important elements in the context of public administration such as key theories, democracy and bureaucracy, intergovernmental relations, core functions of public administration, ethics and accountability issues as well as social equity. This course also emphasizes on technology and information management aspects as well as governance and performance of public sector	Click Here

FACULTY OF BUSINESS AND ECONOMICS	AA037006 FURTHER ECONOMETRICS	English	This course is designed to train students in advanced econometric applications with a focus on autoregressive distributed lag (ARDL) models, cointegration, and panel data modeling. Students will be exposed to several econometric methods, and are required to read journal articles in the relevant areas on applications of these methods. Topics such as short- and long-term multipliers, short- and long-run relationships, fixed and random effects panels, panel unit root tests, non-stationarity panel, and diagnostic tests are covered in the course. Students will learn to communicate the findings from applications of the techniques to real-world data.	Click Here
FACULTY OF BUSINESS AND ECONOMICS	AA037008 EXPERIMENTAL DESIGN	English	This course equips students with the necessary skills for designing various experiments and analyzing the results of such experiments. The topics covered include Principles of Experimental Design, Multiple Comparison Methods, Orthogonality, Two-factor Cross-Classification Designs, Nested Designs, Latin-Square, Two-level Factorial Designs, Confounding/Blocking, Fractional-Factorial Designs, Designs with Factors at Three Levels, with their applications in various industries.	Click Here
FACULTY OF BUSINESS AND ECONOMICS	AA037009 BIOSTATISTIC	English	This course covers the applications of statistical methods to problems in medicine and social science. Topics covered include analysis of categorical data, logistic regression and survival analysis.	Click Here
FACULTY OF BUSINESS AND ECONOMICS	AA037017 BEYESIAN STATISTIC	English	This course expose students to Bayesian approach to statistical inference. Topics covered includes the foundation of Bayesian statistics, determining prior distribution, Bayesian inference, Bayesian decision theory and computational tools for inferences. Students will learn statistical software for Bayesian analysis and apply the Bayesian approach to real world problems.	Click Here
FACULTY OF BUSINESS AND ECONOMICS	AA047002 GLOBALIZATION AND DEVELOPMENT	English	This course will explore key dimensions of globalization– labour mobility, trade, finance, technology, intellectual property and data protection – and develop a systematic framework for understanding the changes taking place and their implications and challenges, especially for the improvement of socioeconomic conditions of middle- and low-income countries. We critically discuss the costs and benefits, advantages and drawbacks, potentials and pitfalls, opportunities, and constraints, of trying to develop and catch up in a globalizing world. Our approach will be inter-disciplinary and oriented to real world situations, considering historical contexts and shifting balances of power. This course will also examine the scope and limitations of development policy when faced with globalizing forces and consider alternatives to the dominant mode of globalization.	Click Here

FACULTY OF BUSINESS AND ECONOMICS	AA047003 DEVELOPMENT THEORY AND PRACTICE	English	This course starts with a review of development concepts, definitions and theories. The course exposes students on the approaches and methodology of development to design a better development policy. Following this is an analysis of development policy, processes, mechanisms and models. A review of the paradigm shifts in the field of development is further discussed. Finally, critical discussion on the development challenges and needs for new approaches in the context of globalization and changing roles of the government, private and non-government agencies is explored.	Click Here
FACULTY OF BUSINESS AND ECONOMICS	AA047006 GENDER ISSUES IN DEVELOPMENT	English	This course is designed to familiarise students with the main analytic debates in the field of gender and development. Students will be introduced to debates in feminist thinking and link them to gendered policy and programming. The issues on closing the gender gap in labour force, education, politics and state-civil society relations are key concepts of development that will be addressed in the course. Key policy and conceptual debates will also be examined in conjunction with how development policies and interventions construct gender and how they impact different gender differently. Through various methods of learning in class, students will be given the knowledge to evaluate the current situation and think of ways to improve the situation by integrating the needs of women and men in all aspects of development to achieve economic, political, and social well-being of the people.	Click Here
FACULTY OF BUSINESS AND ECONOMICS	AA047007 CLIMATE CHANGE AND DEVELOPMENT	English	This course aims to develop students' competencies in the fundamentals of climate change and development links, as well as to analyze the available policy tools to address the challenges of climate change adaptation and mitigation. It covers a wide range of topics in the field of environmental development with a special focus on economic and social externalities, renewable energy resources, and technological innovation to fight against the potential impacts of climate on various sectors, including global food security. Through various methods of learning in class, students will gain the necessary knowledge to evaluate the strengths and weaknesses of current and proposed climate mitigation and adaptation strategies.	Click Here
FACULTY OF BUSINESS AND ECONOMICS	CQC7008 INTERNAL AUDITING: GOVERNANCE, RISK AND CONTROL	English	This course enables students to understand and apply the basic concepts and processes of internal auditing. It discusses the importance of internal auditing knowledge in ensuring good corporate governance and risk management. Students will also be exposed to relevant ethical issues.	Click Here

FACULTY OF BUSINESS AND ECONOMICS	CQC7046 ACCOUNTING AND FINANCE FOR DECISION MAKING	English	This course provides an introduction to accounting and finance. It covers some basic principles, underlying concepts, and processes in accounting and financial management of a business organization. Topics include measuring and reporting financial statements, analysing and interpreting financial statement, time value of money concept, financial planning, capital budgeting and methods of managing working capital.	Click Here
FACULTY OF BUSINESS AND ECONOMICS	CQC7047 OPERATIONS MANAGEMENT	English	This course focuses on functions of operations management related to prediction system, process strategies, layout, inventory management and project management. Related issues and challenges are also discussed. Students are also exposed to tools for decision making purposes.	Click Here
FACULTY OF BUSINESS AND ECONOMICS	CQC7056 BUSINESS ETHICS, GOVERNANCE AND SUSTAINABLE SOCIETY	English	The aim of this course is to expose students with the theoretical background of ethics and governance in the context of a business environment. The course will emphasize on the complexity of ethical frameworks in implementing ethics in organizational functions including human resource management, marketing, accounting, finance, and technology. Furthermore, students will analyse local and international ethical cases to help them to improve their ability to engage with the ethical decision-making process. As a result, students should be able to understand, describe, and evaluate the implementation of ethics and governance from the stakeholder perspective. This course will also expose students to practice what they have learned through the engagement with community service program.	Click Here
FACULTY OF BUSINESS AND ECONOMICS	GQE0011 DEMOCRACY AND SOCIETY	English	This course will explore the foundations of democratic and responsive government. In this context, it will look at the fundamental element in democracy and society; how policymakers can create and implement policies to achieve the objectives of a democratic and responsive governance. Among the issues that will be discussed are governance, politics, international affairs and civil society. It will help students in understanding domestic political institutions and processes in Malaysia and other countries, international and transnational relations and the basic element in ethics, justice, rights, and obligations.	Click Here

FACULTY OF SCIENCE	SQA7018 ADVANCED COMPUTATIONAL TECHNIQUES	English	<p>Python Basics: Variable types and data structure: integers, floating point, strings, boolean integers, lists, tuples, dictionaries, if, while, for, statements.</p> <p>Visualization: Plotting various types of graphs and implementing animation using programming language from data extracted from ASCII, excel, NPY, CSV, molden and various file types.</p> <p>Monte Carlo Models: Deterministic Randomness, Random Sequences. Random-Number Generation (Algorithm), random walk, protein folding and self-avoiding random walks, spontaneous decay, discrete decay, continuous decay, Monte Carlo integration by stone throwing, multidimensional Monte Carlo Integration.</p> <p>Matrix Computations: N-D Newton-Raphson; Two masses on a string, Algorithm: Multidimensional searching why matrix computing? Classes of matrix problems (Math), Practical matrix computing, Python lists as arrays Numerical Python (NumPy) and arrays matrix solution of the string problem.</p>	Click Here
FACULTY OF SCIENCE	SQG7013 PEST MANAGEMENT IN ORGANIC FARMING	English	<p>Principles of organic crop protection comprising the philosophy and the importance in balancing biodiversity will be introduced. The various methods of control applied in organic farming for the major horticultural and agronomic crops will be discussed. Sustainable pest management in organic farming in particular on current applications and challenges in Malaysia agro-ecosystem will be emphasized. Issues on organic farming in Malaysia will be reviewed.</p>	Click Here
FACULTY OF SCIENCE	SQJ7010 DIGITAL LAW AND COMMUNICATION ETHICS	English	<p>DLCE is a course that deals with ethical and legal issues in the digital age pertaining to communication, internet or cyber law. Some of the examples as regard to the issues are data protection, copyright and freedom of speech or expression (negligent misstatement & defamation). The areas that come under this course are print media, social media or digital media. Not all media follow the same rules and regulations under national or international law. Therefore, this subject will provide ethical and legal guidelines, understanding, exposure, as well as to prepare students to become good science communicators who are ethically and legally compliant</p>	Click Here
FACULTY OF SCIENCE	SQJ7012 SCIENCE DIPLOMACY	English	<p>The course explores the role of science in foreign policy and international relations (encompassing international politics and economics, geostrategy, international diplomacy, and national/international security and defense) to advance both indirect and direct national interests as well as to address global needs and challenges. Topics explored may include but not limited to (a) science in diplomacy where science plays a role of providing advice to inform and support foreign policy objectives; (b) diplomacy for science where international diplomacy plays a role of facilitating international scientific cooperation; and (c) science for diplomacy where scientific cooperation plays a role of improving international relations.</p>	Click Here

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