



UNIVERSITY  
OF MALAYA



# **Prospectus Faculty of Economics and Administration**

## *Bachelor of Economics*

### **Academic Session 2019/2020**



Details of Prospectus are available in the website : <http://fep.um.edu.my>

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ACADEMIC CALENDAR 2019/2020 SESSION				
Semester I				
Introduction Week	1 week*	01.09.2019	-	08.09.2019
Lecture	8 weeks*	09.09.2019	-	03.11.2019
Mid-Semester Break	1 week*	04.11.2019	-	10.11.2019
Lecture	6 weeks	11.11.2019	-	22.12.2019
Revision Week	1 week*	23.12.2019	-	29.12.2019
Examination	3 weeks*	30.12.2019	-	19.01.2020
Semester Break	4 weeks*	20.01.2020	-	16.02.2020
24 weeks				
Semester II				
Lecture	9 weeks	17.02.2020	-	19.04.2020
Mid-Semester Break	1 week	20.04.2020	-	26.04.2020
Lecture	5 weeks*	27.04.2020	-	31.05.2020
Revision Week	1 week*	01.06.2020	-	07.06.2020
Examination	3 weeks	08.06.2020	-	28.06.2020
19 weeks				
Session Break				
Semester Break	11 weeks	29.06.2020	-	13.09.2020
Special Semester				
Lecture	7 weeks*	29.06.2020	-	16.08.2020
Examination	1 week*	17.08.2020	-	23.08.2020
Semester Break	3 weeks*	24.08.2020	-	13.09.2020
11 weeks				
<b>• Public Holiday 2019/2020</b>  <div> <div> Awal Muharam (September 1, 2019)  Agong's Birthday (September 9, 2019)  Malaysia Day (September 16, 2019)  Deepavali (October 27, 2019)  The Prophet Muhammad's Birthday (November 9, 2019)  Christmas (December 25, 2019) </div> <div> New Year (January 1, 2020)  Chinese New Year (January 25 &amp; 26, 2020)  Federal Territory Day (February 1, 2020)  Thaipusam (February 8, 2019)  Labour Day (May 1, 2020)  Wesak Day (May 7, 2020)  Nuzul Al-Quran (May 10, 2020)  Hari Raya Aidilfitri (May 24 &amp; 25, 2020)  Hari Raya Aidiladha (July 31, 2020)  Awal Muharam (August 20, 2020)  National Day (August 31, 2020) </div> </div>				

## **BACKGROUND OF THE FACULTY**

First established in 1959 as the Department of Economics within the Faculty of Arts, University of Malaya in 1959. The Faculty of Economics and Administration (FEA) was founded in May 1966 to meet the nation's growing demand for a professional workforce. Beginning with just 14 students and 3 academic personnel, headed by Royal Professor Ungku Aziz, FEA has evolved into a flourishing academic community of, 1095 students and 54 academic staff, among them professors and lecturers with international reputation in their respective fields.

Drawing the strength of 4 departments; Economics, Administrative Studies and Politics, Development Studies and Applied Statistics. The Faculty currently offers the Bachelor of Economics and 7 programmes at the postgraduate level, Master of Economics (Coursework), Master of Public Administrations (Coursework), Master of Applied Statistic (Coursework), Master of Development Studies (Coursework), Master of Research in Economics (by Research), Master of Research in Public Administrations (by Research), Master of Development Studies (Mix Mode), and Doctor of Philosophy. Of the 1095 students, 607 are enrolled in the undergraduate programme while the rest are postgraduate students, including 156 international students from various countries such as Indonesia, Iran, Iraq, China, Nigeria, Sudan, Pakistan, Myanmar, Maldives, Ghana, Japan, Thailand, Afghanistan, Libya, Bangladesh, Syria, Yemen, Palestine, Saudi Arabia, Jordan, Egypt, United States of America, Canada, Norway, Somalia, Uzbekistan, Algeria and South Korea, United Kingdom and Netherlands.

The FEA also administers the Population Studies Unit (PSU) that was set up in 1979 as part of the Population and Family Health Project funded by the World Bank and the United Nations Population Fund. Research and training on population related issues are conducted under the auspices of the PSU.

The FEA is intensively engaged in enhancing academic excellence in the field of monetary and financial economics through the Tun Ismail Ali Chair (TIAC), established in August 2000. There have been 7 distinguished holders of the Chair, Professor Ronald Ian McKinnon, Dr. Yilmaz Akyuz, Datuk Seri Panglima Andrew L.T. Sheng, Professor Takatoshi Ito, Professor Ajit Singh, Professor Dr. Thorsten Beck and Professor Dr. Athanasios Orphanides.

The Royal Professor Ungku Aziz Chair (RPUAC) was established in 2006 to honor the contributions of Professor Ungku Aziz in the field of education and economic development especially rural development and poverty. The Ungku Aziz Centre for Development Studies, previously known as the Centre for Poverty and Development Studies (CPDS), is created to facilitate the activities of the chair. Since 2016, the Centre has undertaken steps to develop and further expand the field of development studies to reflect its interdisciplinary nature, to attract a wider participation, to engage young minds and to go beyond a mono-disciplinary approach to development. The defining pillars of the Ungku Aziz Centre for Development Studies represents the Centre's evolution and the dynamism of the field of study.

The Social Security Research Centre (SSRC), now known as Social Wellbeing Research Centre (SWRC), was established in March 2011 to initiate and carry out research, teaching and dissemination of evidence-based knowledge in the area of social security, including old age financial protection aimed at enhancing the understanding of this critical topic to promote economic development and social cohesion in Malaysia.

In upholding its research stance, the FEA collaborates with the Malaysian Economic Association in the publication of an international journal, the Malaysian Journal of Economic Studies (MJES). FEA also has produced the Institutions and Economies (IE).

# UNIVERSITY OF MALAYA

## VISION

To be an internationally renowned institution of higher learning in research, innovation, publication and teaching.

## MISSION

To advance knowledge and learning through quality research and education for the nation and humanity.

## QUALITY POLICY

The University of Malaya intends to undertake teaching and learning, conduct research and services of quality, generate and advance knowledge through continuous improvement efforts for the benefit of all customers, in particular the students of the University of Malaya.

## CORE VALUES

- Integrity
- Respect
- Academic Freedom
- Open-Mindedness
- Accountability
- Professionalism
- Meritocracy
- Teamwork
- Creativity
- Social Responsibility

## QUALITY OBJECTIVES (PT01 TEACHING AND LEARNING – UNDERGRADUATE)

- To increase the students enrollment in various fields with a 1:1 ratio between postgraduate and undergraduate students.
- To ensure 60% of the undergraduate students obtain CGPA of 3.30 and above upon graduation (except students for Bachelor of Medicine and Surgery and Bachelor of Dental Surgery).
- To ensure 15% of the undergraduate students obtain CGPA of 3.70 and above (except students for Bachelor of Medicine and Surgery and Bachelor of Dental Surgery).
- To ensure the Graduate On Time (GOT) percentages as follows:  
Undergraduate: Intake Graduate on Time (i.GOT) set by Ministry of Education (based from Enhancing Academic Productivity and Cost Efficiency Book - University Transformation Programme Silver Book).
- To ensure 30% of the courses use blended learning.
- To achieve 82% graduate employment rates within 6 months after graduating, including self-employed (start-up business).

## **FACULTY OF ECONOMICS AND ADMINISTRATION**

### **VISION**

To realise the Vision of the University to be an education and research centre of excellence for knowledge creation and dissemination through teaching, learning and research in the fields of economics and administration.

### **MISSION**

To advance academic excellence in the fields of economics and administration.

### **QUALITY OBJECTIVES**

- To target for 90% of the undergraduates of each academic session to acquire their degrees within the specified maximum period of study.
- To target for less than 10% of the undergraduates being placed under academic observation based on their final examination results for each semester of study.
- To ensure 75% of the undergraduates obtain CGPA of 3.00 and above upon graduation.

## **FACULTY AND DEPARTMENTAL OBJECTIVES**

### **FACULTY**

- To inculcate good citizenship, social responsibility, professionalism and academic integrity;
- To provide a strong foundation in the theory and practice of economics and administration;
- To provide an enabling environment for research excellence in economics and administration; and
- To develop critical and analytical skills with the ability to translate knowledge into practice.

### **DEPARTMENT OF ECONOMICS**

To provide comprehensive education in economics and enhance research in the field based on theory and application.

### **DEPARTMENT OF DEVELOPMENT STUDIES**

To provide training and research in the field of development studies covering theories, practices and policies of development.

### **DEPARTMENT OF ADMINISTRATIVE STUDIES AND POLITICS**

To provide multi-disciplinary training and research in administration and politics, human resource management, international relations and urban management.

### **DEPARTMENT OF APPLIED STATISTICS**

To provide training and research in applied statistics for decision-making and problem solving in various fields.

## **BACHELOR OF ECONOMICS PROGRAMME**

### **OBJECTIVES**

1. To produce excellent graduates in economics and administration by providing the state-of-the-art education.
2. To be globally recognised as a leading programme in economics and administration

### **PROGRAMMME GOALS**

To provide students with knowledge and skills in economics and administration and instill in them integrity, leadership skills, social responsibility and professionalisme to face a competitive environment and able to contribute to national and global development.

### **PROGRAMME LEARNING OUTCOME**

At the end of the Bachelor of Economics programme, graduates are able to :

- (1) demonstrate sufficient knowledge in economics and administration.
- (2) apply the practical skills in informational processing and analysing economics and administration issues.
- (3) demonstrate social skills and behave responsibly towards society and the environment in carrying out economic activities.
- (4) practise ethical values, professionalism and integrity.
- (5) communicate effectively, demonstrate teamwork and leadership skills.
- (6) apply scientific skills in decision making and problem solving.
- (7) use information management skills and demonstrate capacity for life long learning.
- (8) apply managerial and entrepreneurial skills.

**THE MANAGEMENT OF  
THE FACULTY OF ECONOMICS AND ADMINISTRATION**

**Acting Dean** : Dr. Azmah Hj. Othman  
PhD (Mal), MPhil, MSc (Wales), BEc (Mal)

**Deputy Dean**  
(Undergraduate) : Dr. Roza Hazli Zakaria  
PhD (UKM), MEc, BEc (Mal)

**Deputy Dean**  
(Higher Degree) : Dr. Azmah Hj. Othman  
PhD (Mal), MPhil, MSc (Wales), BEc (Mal)

**Deputy Dean**  
(Research & Development) : Dr. Lim Kian Ping,  
PhD (Monash), MSc (UPM), BBA (UKM)

**Head of Department:-**

Department of Economics : Assoc. Professor Dr. Santha Chenayah @ Ramu  
PhD, MEc (Osaka), BEc (Mal)

Department of Development Studies : Dr. Sharifah Muhairah Shahabudin  
PhD (Mal), MSc (UiTM), BA (UC, NZ)

Department of Administrative  
Studies and Politics : Assoc. Professor Dr. Kuppusamy Singaravelloo  
PhD (UPM), MPA, BSc (Mal)

Department of Applied Statistics : Dr. Muzalwana Abdul Talib @ Abdul Mutalib  
PhD (Mal), MAppStats (Mal), BA (Hons) (Sheffield  
Hallam)

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**PROFESSOR EMERITUS**

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YM Professor Diraja Ungku Aziz Ungku Hamid  
Professor Datuk Dr. Mohamed Ariff Abdul Kareem  
Dr. Stephen Chee Hong Chye  
Professor Datuk Dr. Norma Mansor



## ACADEMIC STAFF

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### DEPARTMENT OF ECONOMICS

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**Head:** Santha Chenayah @ Ramu, PhD, MEc (Osaka), BEc (Mal)

#### **Professor**

Evelyn Shyamala Paul Devadason, PhD (Mal), MSocSc (NUS), BEc (Mal)  
Fatimah Kari, PhD (MSU), MEc (Leicester), BEc (UKM)  
M Niaz Asadullah, PhD & MSc (Oxon), MA (Dhaka), BA (Aligarh)  
Tan Eu Chye, PhD (Warwick), MEc (Mal), BSocSc (USM)

#### **Associate Professor**

Kwek Kian Teng, PhD (Monash), MEc, BEc (Mal)  
Santha Chenayah @ Ramu, PhD, MEc (Osaka), BEc (Mal)  
Yong Chen Chen, PhD, MEc, BSc (UPM)

#### **Senior Lecturer**

Lim Kian Ping, PhD (Monash), MSc (UPM), BBA (UKM)  
Mohamed Aslam Gulam Hassan, PhD (HiroshimaCU), PhD, MEc (Mal), BSocSc (USM), ASP (Kiel)  
Nurulhuda Mohd Satar PhD (UWM), MEc, BEc (Mal)  
Ong Sheue Li, PhD (YNU), MSc (UMS), BSc (UMT)  
Pui Kiew Ling, PhD (UKM), MSc (UKM), BSc (UMS)  
Roza Hazli Zakaria, PhD (UKM), MEc, BEc (Mal)  
Saad Mohd Said, MSc (Lond), BEc (Mal)  
Tang Tuck Cheong PhD (Monash), MSc, BEc (UUM)  
Yong Sook Lu, PhD (Lancaster), MEc, BEc (Mal)  
Zarinah Yusof, PhD (UPM), MEc, BEc (Mal)

#### **Lecturer:**

Chong Chin Sieng, MEc, BEc (Mal)  
Nor Hasniah Kasim, MEc (UKM), BEc (Mal)

#### **Research Fellow (Post Doctoral)**

Deboshree Ghosh, PhD (UK), MSc, BA (Hons)

#### **Programme External Assessor**

Professor Dr. Euston Quah  
Head, Division of Economics  
Nanyang Technological University  
Singapore

**Head:** Sharifah Muhairah Shahabudin, PhD (Mal), MSc (UiTM), BA (UC, NZ)

**Associate Professor**

VGR Chandran Gonvindaraju, PhD (Mal), M.Env.Econ., BA (UKM)

**Associate Professor (Visiting)**

Baskaran Angathevar, DPhil (Sussex), MSc (Middlesex), MPhil (JNU), MA (Punjab), MA (Madurai)

**Senior Lecturer**

Azmah Hj. Othman, PhD (Mal), MPhil, MSc (Wales), BEc (Mal)

Muhammad Mehedi Masud, PhD (Mal), MSS, BSS (IIUM)

Sharifah Muhairah Shahabudin, PhD (Mal), MSc (UiTM), BA (UC, NZ)

Sonia Kumari Selvarajan, PhD (UNIMAS), MEc, BEc (UKM)

**Lecturer**

Nur Annizah Ishak, MA (UMKC), MEc, BEc (UKM)

**Programme External Assessor**

Professor Dr. Frances Stewart

Department of International Development (Queen Elizabeth House)

University of Oxford

3 Mansfield Road

Oxford OX1 3TB

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## DEPARTMENT OF ADMINISTRATIVE STUDIES AND POLITICS

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**Head:** Kuppusamy A/L Singaravello, PhD (UPM), MPA, BSc (Mal)

**Professor**

Beh Loo See, PhD (UPM), MA (UKM), BA (USM)

Edmund Terence Gomez, PhD, MPhil, BA (Mal)

Khadijah Md Khalid, PhD (Lond.), MA (Calif. Santa Barbara), BA (Sonoma State)

**Associate Professor**

Kuppusamy Singaravelloo, PhD (UPM), MPA, BSc (Mal)

Makmor Tumin, PhD, MPA, BEc (Mal)

Raja Noriza Raja Ariffin, PhD (Nottingham), MCRP (CSUF), BA (USL)

Yeoh Kok Kheng, PhD (Brad), MEc, BEc (Mal)

**Senior Lecturer**

Hanira Hanafi, PhD (Durham), MCL, LLB (IIUM), Advocate & Solicitor of Malaya

Mohammad Tawfik Yaakub, PhD (UM), MA (UKM), BA (Political Science) (UKM)

Muhammad Asri Mohd Ali, PhD, MPA, BEc (Mal)

Nawi Abdullah, MPA, BEc (Mal)

Nur Hairani Abd Rahman, PhD (USM), MPA (Mal), BSocSc (Political Science) (UKM)

Nurhidayah Abdullah, PhD (Sydney), MCL, LLB (IIUM), Advocate & Solicitor of High Court of Malaya (Non-practicing)

Nurul Liyana Mohd Kamil, PhD (USM), MBA (UiTM), BBA in HRM (Uniten)

**Fellow SLAB/SLAI**

Maria Mohd Ismail, MPA (Mal), BEc (UiTM)

Mohd Fazli Abdul Aziz, MPA (UM), BscForr (UTM)

**Programme External Assessor**

Professor Dr. Juergen Rueland

Professor / Chair of Political Science and Administration

Department of Political Science and Public Administration

University of Freiburg

Rempartstr 15

79085 Freiburg

Germany

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## DEPARTMENT OF APPLIED STATISTICS

---

**Head:** Muzalwana Abdul Talib @ Abdul Mutalib, PhD, MappStats (Mal), BA (Hons) (Sheffield Hallam)

**Professor**

Goh Kim Leng, PhD (Monash), MEc, BEc (Mal)  
Noor Azina Ismail, PhD (QUT), MStats, BSc (UNSW)

**Associate Professor**

Lau Wee Yeap, PhD (Osaka), MFE (NUS), MAppStats (Mal), MEc (Osaka), MAcc (CSU), BSocSc (Hons) (USM)

**Senior Lecturer**

Adilah Abdul Ghapor, PhD (Mal), BSc (Purdue University, USA)  
Ahmad Farid Osman, PhD (Monash), MSc, BAppSc (USM)  
Diana Abdul Wahab, PhD (Leeds), MAppStats (Mal), BDecSc (UUM)  
Lai Siow Li, PhD, MAppStats, BEc (Mal)  
Muzalwana Abdul Talib @ Abdul Mutalib, PhD, MappStats (Mal), BA (Hons) (Sheffield Hallam)  
Ng Yin Mei, PhD (Queensland), MAppStats, BEc (Mal)  
Soon Siew Voon, PhD, MEc, BEc (UPM)

**Research Fellow (Visiting)**

Tey Nai Peng, PhD (Mal), MSc (Michigan), BEc (Mal)

**Fellow SLAB/SLAI**

Asmida Mustafa, BScStats (UiTM)  
Hannuun Eadiela Yaacob, MAppStats (Mal), BSc (UTM)  
Muhammad Ashraf Khalid, MAppStats (Mal), BSc (UiTM)

**Programme External Assessor**

Professor Dr. Rahul Mukerjee  
Indian Institute of Management Calcutta  
Joka, Diamond Harbour Road  
Kolkata 700 104  
India

## ADMINISTRATIVE AND SUPPORT STAFF

Principal Assistant Registrar	:	Wan Nooraini Ab Hamid
Assistant Registrar (Undergraduate)	:	Norhasliza Abu Hasan
Assistant Registrar (Higher Degree)	:	Abdul Malik Anuar
Assistant Bursar	:	Fadzil Hafni Bin Md Hashim@Ab Rashid
Assistant Administrative Officer	:	Nur Aqilah Mohd Nawawi
Office Secretary	:	Fauziah Abu Hassan Siti Alimah Makmon
Office Secretary	:	Farahani Md. Zain
Information Technology Assistant Officer	:	Mohd Ridhwan Mohd Ezad
Assistant Engineer	:	Muhammad Firdaus Helmi Rosmadi
Assistant Accountant	:	Muhammad Norazmi Harif
Administrative Assistant (P/O)	:	Azura Hj. Aziz Norazani Ahmad Noor Rasida Abdullah
Computer Technician	:	Rejandran Supramaniam
Computer Technician	:	Idris Ibrahim
Assistant Office Secretary	:	Nurnajwa Husna Mohd Rafi
Administrative Assistant (P/O)	:	Damia Huda Maamor Nithya Chandrasegaran Norhamizah Amzah Noorhalijah Ibrahim Nuur Ikhwan Nizal Maamor Suhaidi Kamarudin
Administrative Assistant (Finance)	:	Awang Bhukhari Matsat
Project Assistant	:	Arvintharaj A/L N.A.K. Karuppiyah Nur Ainina Amirah Ismail
Driver	:	Norasikin Zulkarnaini
Office Assistant	:	Ahmad Jamal Roslan Ahmad Shamir Ahmad Rahimi Shahrul Ibrahim

# **BACHELOR OF ECONOMICS**

## **INTRODUCTION**

The Bachelor of Economics programme is designed to provide solid grounding in theory and economic knowledge and improve critical and analytical skills of students. The core and the elective courses are shaped to produce graduates with broad based as well as specialized knowledge. Starting 2015, the newly introduced specialization system created the option for students to specialize in one of 4 areas, namely, Economics, Development Studies, Administrative Studies & Politics and Applied Statistics. Students have to take a minimum of 9 courses from a particular specialization during their course of study. Students are required to complete a total of 126 credits in order to graduate.

## **ADMISSION REQUIREMENTS**

### **Malaysian Candidates**

In general, Malaysian candidates have to fulfil the University's general requirements as well as the programme specific requirements in order to be admitted to the programme. Potential local candidates must possess or complete any of the following:

- STPM qualification or its equivalent;
- Diploma in economics and administration & other related fields from any institution recognized by the Malaysian Government and approved by the University's Senate; or
- Matriculation, Foundation, A-Level, IB, AUSMAT, or Malaysian Sports School Pre-University Certificate.

### **University General Requirements**

1. A pass in SPM/its equivalent.
2. A pass with distinction in Bahasa Melayu/Bahasa Malaysia at SPM Level/its equivalent and pass subject of History (SPM 2013 and above).
3. A pass in STPM examination with at least CGPA 2.00 and obtained :  
(a) Grade C (NGMP 2.00) in the subject of *Pengajian AM* ; and  
(b) Grade C (NGPM 2.00) in TWO (2) other subjects
4. Passed Matriculation / UM Science Foundation / Foundation UiTM with a minimum CGPA of 2.00; or
5. Holds a diploma or other qualifications recognized by the Malaysian government and approved by the University Senate; or
6. Obtained at least Band 1 in the Malaysian University English Test (MUET).

## **Programme Special Requirement**

### **STPM or equivalent Candidates**

#### **Category STPM (Science & Arts)**

Passed STPM with CGPA of at least 3:00; and

A pass with a minimum of Grade B (3.00) in any of the following subjects at STPM or equivalent/Matriculation:

- Economics
- Accountancy
- Mathematics T/Mathematics M
- Business Management; and

A pass with a minimum of Grade B in Mathematics at SPM; and

A pass with a minimum Band 2 in Malaysian University English Test (MUET); and

Other additional requirements approved by the University Senate.

#### **Category Matriculation / Foundation (Science Stream)**

Passed Matriculation / Foundation with minimum CGPA of 3:00; and

Obtained at least Grade B (CGPA 3.00) at the Matriculation / Foundation in Mathematic, and

Obtained at least Level 2 (Band 2) in the MUET

Other additional requirements approved by the University Senate.

#### **Category Matriculation / Foundation (Accounting Stream)**

Passed Matriculation / Foundation with minimum CGPA of 3:00; and

Obtained at least Grade B (CGPA 3.00) at the Matriculation / Foundation in any one (1) of the following subjects:

- Economics
- Accounting
- Mathematics
- Business Studies; and

Obtained at least Grade B in SPM level in Mathematics; and

Obtained at least Level 2 (Band 2) in the MUET

Other additional requirements approved by the University Senate.

## Diploma Candidates / Other Qualifications

1. Diploma qualifications recognized by Malaysian Government and approved by the University Senate with a minimum CGPA of 3.00 in economics and administrations field or other related fields;

or

2. Passed STPM in the current year with a CGPA of at least 3.00 and meet specific program requirements as follows:

Obtained at least Grade B (CGPA 3.00) at STPM level in one (1) of the following subjects:

- Economics
- Accounting
- Mathematics T / Mathematics M
- Business Studies; and

Obtained at least Grade B in SPM level in Mathematics;

or

3. Pass Matriculation in the current year and at least a CGPA of 3.00 and meet specific program requirements as follows:

Obtained at least Grade B (CGPA 3.00) at the Matriculation / Foundation in any one (1) of the following subjects:

- Economics
- Accounting
- Mathematics
- Business Studies; and

Obtained at least Grade B in SPM level in Mathematics; and

Obtained at least Level 2 (Band 2) in the MUET

Other additional requirements approved by the University Senate;

or

4. A-Level Certificate with at least a Grade B in one (1) of the following subjects:

- Economics
- Accounting
- Mathematics
- Business Studies;

or

5. A recognized International Baccalaureate Diploma (IB) with at least score 5 in one (1) of the following subjects:

- Economics
- Mathematics
- Business Studies;

or

6. Passed AUSMAT with at least ATAR (80%) and obtained 16 points (*High Achievement*) at the AUSMAT level in any one (1) of the following subjects:

- Economics
- Mathematics



- Business Management & Enterprise
- Account & Finance ;

or

7. Passed the Malaysian Sports School Pre-University Certificate with at least CGPA of 3.00 and obtained at least Grade B in one (1) of the following subject:

- Economics
- Accounts
- Mathematics
- Business Management.

### **NON-MALAYSIAN CANDIDATES**

A candidate who is Non-Malaysian citizen and who wishes to pursue a programme of study at the University of Malaya must possess and passed at least 12 years education and fulfil the following conditions:

1. Passed with at least grade B in the relevant subject at the A-Level/equivalent; or
2. Obtained a CGPA of at least 3.00 in the relevant subject at diploma level and approved by the University; and
3. Obtain the following results in any of the following English proficiency examinations that are listed below:
  - (1) score of 500 (PBT), 173 (CBT) or 60 (IBT) and above in Test of English as a Foreign Language (TOEFL); or
  - (2) band of 5.0 and above in International English Language Testing System (IELTS) (Academic); or
  - (3) band of 3 and above in Malaysian University English Test (MUET); or
  - (4) score 41 and above in Pearson Test of Academic English (PTE Academic); or
  - (5) grade C and above in English for General Certificate of Education (A Level), University of Cambridge; or
  - (6) grade C and above in English for General Certificate of Secondary Education (O Level), University of Cambridge; or
  - (7) A score in accordance to the respective Malaysian Qualifications Agency programme standards, if the requirements is higher than (1) – (6).

and

4. Fulfil the University's special requirements for the programme of study.

### GRADING SCHEME

Mark	Grade	Grade Point	Denotation
90 – 100 80 – 89 75 – 79	A+ A A-	4.0 4.0 3.7	High Distinction Distinction Distinction
70 – 74 65 – 69 60 – 64	B+ B B-	3.3 3.0 2.7	Good Good Good
55 – 59 50 – 54	C+ C	2.3 2.0	Pass Pass
45 – 49	C-	1.7	Fail  (Refer paragraph 2 under 'Remarks')
40 – 44 35 – 39 0 – 34	D+ D F	1.3 1.0 0.0	Fail
I  K K1 P  R  UR  W  W1  W2	0  0 0 0  0  0  0  0	0.0  0.0 0.0 0.0  0.0  0.0  0.0  0.0	Incomplete  Transfer Credit without Grade Exemption Course Progressive  Audit (Attendance: More than 80%)  Audit (Attendance: Less than 80%)  Official Withdrawal from one or more course(s) in a semester  Official Withdrawal from a semester  Official Withdrawal from the University

**BACHELOR'S DEGREE CLASSIFICATION  
UNDER THE SEMESTER SYSTEM**

<b>Degree Awarded</b>	<b>CGPA</b>	<b>Intake : Session 2002/2003 onwards</b>
Pass With Honours	2.00 < 3.70	The senate has decided that a student who achieve a final CGPA of 3.70 and above is qualified for the degree Pass With Honours (With Distinction)
Pass With Honours (With Distinction)	3.70 and above	

**CGPA : Cumulative Grade Point Average (Maximum = 4.00)**

**Remarks :**

1. The Marking Scheme as approved by the Senate is applicable to all Bachelor's degree programme under the Semester System, University of Malaya **except** for the degree of Bachelor of Medicine and Bachelor of Surgery **and** the degree of Bachelor of Dental Surgery.
2. According to University of Malaya (First Degree Studies) Regulation 2019; Regulation 36

**Redemption of Course**

A student may submit an application to redeem a grade C- for any category of courses subject to the following conditions and approval of the Dean of the Faculty of the programme of the study:

- (1) an application to redeem grade C- shall be made within one (1) weeks from the date of the examination results official announcement;
  - (2) redemption may be carried out through assignment, test or other assessment methods determined by the examiner of the course concerned;
  - (3) redemption may be done for one (1) course only for the semester concerned;
  - (4) the increase marks may be given if the student completed the assignment with satisfactory and approved by the course examiner; and
  - (5) the course concerned may be redeemed to a grade C only.
3. The degree that shall be conferred is an honours degree based on the final CGPA. For a student to qualify for the conferment of the honours degree, he/she must obtain a final CGPA of not less than 2.00. A student is qualified for the conferment of a degree of Pass with Honours (With Distinction) if he/she:
  - (1) achieves a final CGPA of 3.70 and above;
  - (2) has never obtained grade F for any course for the duration of his/her programme of study;
  - (3) has never repeated for any failed course and/or improvement course grade ; and
  - (4) has successfully completed his/her programme of study within the minimum period or prescribed duration

## PROGRAMME STRUCTURE (Malaysian Students)

[illegible]

Passing Grade for all courses is Grade C.

## PROGRAMME STRUCTURE (Non-Malaysian Students)

[illegible]

Passing Grade for all courses is Grade C. Please take note that all non-Malaysian students are compulsory to take \*\* GLT1017, GIG1006 & GIE1001 course as a requirement for graduation.

**Notes:**

1. It is compulsory for students to specialize in one of 4 areas. Students need to fulfil a minimum of 9 courses from a particular specialization during his/her course of study. The specialization are:
  - (a) Economics
  - (b) Development Studies
  - (c) Administrative Studies & Politics
  - (d) Applied Statistics
2. Non-Malaysian Students, Session 2019/2020 are exempted from taking the courses of GIG1001 (TITAS) and GIG1002 (Ethnic Relations).
3. Students are required to attend programmes organized by the Faculty from time to time.
4. Students may refer to the following sources for additional information:
  - (a) University of Malaya (First Degree Studies) Rules 2019 and University of Malaya (First Degree Studies) Regulations 2019.
  - (b) University of Malaya Guidelines for Industrial Training.
  - (c) Faculty of Economics and Administration Guidelines for Industrial Training.
  - (d) Guidelines for Graduation Exercise.
  - (e) Occasional notices from the Faculty.
5. For Transfer of Credit and/or Course Exemption, please refer to the University of Malaya (First Degree Studies) Regulations 2019 as follows:
  - Regulations 20: Transfer Credit
  - Regulations 21: Exemption Course

**LIST OF SPECIALIZATION AND RELATED ELECTIVE COURSES (27 CREDITS)****ECONOMICS**

No	Code	Title	Credit
1.	EIB2001	International Trade Theory	3
2.	EIB2002	Public Finance	3
3.	EIB2003	Labour Economics	3
4.	EIB2004	Environmental Economics	3
5.	EIB2005	Urban Economics	3
6.	EIB2006	Population Economics	3
7.	EIB2007	Business, Banking and Finance Law	3
8.	EIB2008	Islamic Economics	3
9.	EIB2009	Monetary Economics	3
10.	EIB3001	Behavioural Economics	3
11.	EIB3002	Welfare Economics	3
12.	EIB3003	Managerial Economics	3
13.	EIB3004	Information Economics	3
14.	EIB3005	Health Economics	3
15.	EIB3006	Industrial Economics	3
16.	EIB3007	Economics of Regulation	3
17.	EIB3008	Financial Economics	3
18.	EIB3009	Islamic Banking & Finance	3
19.	EIB3010	International Economic Issues	3

**DEVELOPMENT STUDIES**

No	Code	Title	Credit
1.	EIC2001	SME Development	3
2.	EIC2002	Gender and Development	3
3.	EIC2003	Microfinance and Social Enterprise	3
4.	EIC3001	Entrepreneurial Economics	3
5.	EIC3002	Analysis of Development Projects	3
6.	EIC3003	Green Economy and Sustainable Development	3
7.	EIC3004	Co-Operative Development	3
8.	EIC3005	Agricultural Development	3
9.	EIC3006	Land Economics	3
10.	EIC3007	Globalization and Inclusive Development	3
11.	EIC3008	Agriculture Business management	3
12.	EIC3009	Development and Biotechnology	3
13.	EIC3010	Sociology of Development	3
14.	EIC3011	Community Development	3
15.	EIC3012	Growth and Distribution	3

**ADMINISTRATIVE STUDIES & POLITICS**

No.	Code	Title	Credit
1.	EID2001	Public Management : Theory and Practice	3
2.	EID2002	Comparative Government and Politics	3
3.	EID2003	Malaysian Politics	3
4.	EID2004	International Political Economy	3
5.	EID2005	Human Resource Management	3
6.	EID2006	Political Theory and Behaviour	3
7.	EID2007	Local Government	3
8.	EID3001	Public Sector Finance	3
9.	EID3002	Industrial Relations	3
10.	EID3003	Organizational Behaviour	3
11.	EID3004	Management Skills Technique	3
12.	EID3005	Planning and Urbanisation	3
13.	EID3006	Project Management and Analysis	3
14.	EID3007	Public Policy	3
15.	EID3008	Public Enterprises and Privatisation	3
16.	EID3009	Total Quality Management	3
17.	EID3010	International Politics	3

**APPLIED STATISTICS**

No.	Code	Title	Credit
1.	EIE2001	Survey and Sampling Methods	3
2.	EIE2002	Business Computing	3
3.	EIE2003	Data Analysis	3
4.	EIE2004	Management Science	3
5.	EIE2005	Demographic Techniques and Applications	3
6.	EIE3001	Advanced Statistics	3
7.	EIE3002	Time Series Analysis	3
8.	EIE3003	Econometric Analysis	3
9.	EIE3004	Actuarial Mathematics	3
10.	EIE3005	Statistical Computing	3
11.	EIE3006	Financial Econometrics	3
12.	EIE3007	Experimental Design	3

**Note:**

1. For graduation, the total credit for elective courses are 27 credits. It is compulsory for students to take at least 9 courses listed under a particular specialization.
2. Students are required to plan and determine the specialization starting from Semester 3 (Year 2). A briefing session on the specialization of the programme will be presented by Deputy Dean (Undergraduate) in Year 2 of the studies. The Faculty will distribute the verification of specialization Form to all students during the briefing session.

**LIST OF EXTERNAL ELECTIVES COURSES (KELF)**

No.	Code	Title	Credit
1.	GIE1001	Introductory Economics**	3
2.	GIE2001	Elementary Statistics **	2

\*\* This course is not offered to students from FEA. Nevertheless, the international students from FEA are required to take GIE1001 (Introductory Economics) to fulfil the graduation requirements.



**PROPOSED STUDY PLAN**  
**ACADEMIC SESSION 2019/2020**  
**(Malaysian)**

COMPONENT	SEMESTER 1		SEMESTER 2	
	SUBJECT	CREDIT	SUBJECT	CREDIT
University Courses	1. GIG1004 Information Literacy 2. GIG1002 Ethnic Relations	2 2	1. GIG1001 TITAS 2. English Communication Course 3. GIG1005 Social Engagement	2 3 2
Faculty/Program Core Courses	1. EIA1005 Statistics I 2. EIX1001 Introduction to Political Science & Public Administration 3. EIA1002 Microeconomics I 4. EIA1001 Introduction to Financial Management	4 3 3 4	1. EIA1007 Elementary Mathematics 2. EIA1006 Statistics II 3. EIA1003 Macroeconomics I 4. EIX1002 Introduction to Law	3 3 3 3
Elective Courses (Specialization)	-	-	-	-
<b>TOTAL CREDIT</b>		<b>18</b>		<b>19</b>

COMPONENT	SEMESTER 3		SEMESTER 4	
	SUBJECT	CREDIT	SUBJECT	CREDIT
University Courses	1. English Communication Course 2. External Elective Courses (KELF)	3 2	1. GIG1003 Basic Entrepreneurship Culture	2
Faculty/Program Core Courses	1. EIA2006 Basic Econometrics 2. EIA2005 Introduction to Mathematical Economics 3. EIX2002 Sociology 4. EIA2001 Microeconomics II 5. EIA1004 Development Economics	3 3 3 4 3	1. EIA2003 Malaysian Economy 2. EIA2002 Macroeconomics II 3. EIX2001 Research Methodology	3 4 4
Elective Courses (Specialization)	-	-	Three (3) courses to be chosen from the list of Specialization	3 3 3
<b>TOTAL CREDIT</b>		<b>21</b>		<b>22</b>

COMPONENT	SEMESTER 5		SEMESTER 6	
	SUBJECT	CREDIT	SUBJECT	CREDIT
University Courses	1.Co-Curriculum	2	-	-
Faculty/Program Core Courses	1. EIA3001 Microeconomics III 2. EIA2004 Critical Thinking in Economics 3. EIA3005 Graduation Exercise	4 3 3(P)	1. EIA3002 Macroeconomics III 2. EIA3003 History of Economics Thought 3. EIA3005 Graduation Exercise	4 3 3(P)
Elective Courses (Specialization)	Three (3) courses to be chosen from the list of Specialization	3 3 3	Three (3) courses to be chosen from the list of Specialization	3 3 3
<b>TOTAL CREDIT</b>		<b>21</b>		<b>19</b>

COMPONENT	SEMESTER 7	
	SUBJECT	CREDIT
University Courses	-	-
Faculty/Program Core Courses	EIA3004 Industrial Training	6
Elective Courses (Specialization)	-	-
<b>TOTAL CREDIT</b>		<b>6</b>

**TOTAL CREDIT: 126 CREDITS**

**Note:**

- (1) The Faculty Core Courses will be offered in every semester. Nevertheless, the elective courses are offered only in Semester I or Semester II. It is compulsory for FEA students to take the University Courses according to the proposed semester.

**PROPOSED STUDY PLAN**  
**ACADEMIC SESSION 2019/2020**  
**(Non-Malaysian)**

COMPONENT	SEMESTER 1		SEMESTER 2	
	SUBJECT	CREDIT	SUBJECT	CREDIT
University Courses	1. GIG1004 Information Literacy 2. GLT1017 Basic Malay Language 3. GIE1001 Introductory Economics	2 2 3	1. GIG1006 Introduction to Malaysia 2. English Communication Course 3. GIG1005 Social Engagement	2 3 2
Faculty/Program Core Courses	1. EIA1005 Statistics I 2. EIX1001 Introduction to Political Science & Public Administration 3. EIA1001 Introduction to Financial Management	4 3 4	1. EIA1007 Elementary Mathematics 2. EIA1006 Statistics II 3. EIA1003 Macroeconomics I 4. EIA1002 Microeconomics I	3 3 3 3
Elective Courses (Specialization)	-	-	-	-
<b>TOTAL CREDIT</b>		<b>18</b>		<b>19</b>

COMPONENT	SEMESTER 3		SEMESTER 4	
	SUBJECT	CREDIT	SUBJECT	CREDIT
University Courses	1. English Communication Course	3	1. GIG1003 Basic Entrepreneurship Culture	2
Faculty/Program Core Courses	1. EIA2006 Basic Econometrics 2. EIA2005 Introduction to Mathematical Economics 3. EIX2002 Sociology 4. EIA2001 Microeconomics II 5. EIA1004 Development Economics 6. EIX1002 Introduction to Law	3 3 3 4 3 3	1. EIA2003 Malaysian Economy 2. EIA2002 Macroeconomics II 3. EIX2001 Research Methodology	3 4 4
Elective Courses (Specialization)	-	-	Three (3) courses to be chosen from the list of Specialization	3 3 3
<b>TOTAL CREDIT</b>		<b>22</b>		<b>22</b>

COMPONENT	SEMESTER 5		SEMESTER 6	
	SUBJECT	CREDIT	SUBJECT	CREDIT
University Courses	1.Co-Curriculum	2	1.External Elective Courses (KELF)	2
Faculty/Program Core Courses	1. EIA3001 Microeconomics III	4	1. EIA3002 Macroeconomics III	4
	2. EIA2004 Critical Thinking in Economics	3	2. EIA3003 History of Economics Thought	3
	3. EIA3005 Graduation Exercise	3(P)	3. EIA3005 Graduation Exercise	3(P)
Elective Courses (Specialization)	Three (3) courses to be chosen from the list of Specialization	3 3 3	Three (3) courses to be chosen from the list of Specialization	3 3 3
<b>TOTAL CREDIT</b>		<b>21</b>		<b>21</b>

COMPONENT	SEMESTER 7	
	SUBJECT	CREDIT
University Courses	-	-
Faculty/Program Core Courses	EIA3004 Industrial Training	6
Elective Courses (Specialization)	-	-
<b>TOTAL CREDIT</b>		<b>6</b>

**TOTAL CREDIT: 129 CREDITS**

**Note:**

- (1) The Faculty Core Courses will be offered in every semester. Nevertheless, the elective courses are offered only in Semester I or Semester II. It is compulsory for FEA students to take the University Courses according to the proposed semester.

**UNIVERSITY COURSE (ENGLISH FOR COMMUNICATION)**  
**FACULTY OF LANGUAGES AND LINGUISTICS**  
**LIST OF COURSES TO BE CHOSEN BY ALL STUDENTS (2019/2020 INTAKE)**  
**MALAYSIAN STUDENTS**

PATH 1	PATH 2	PATH 3	PATH 4
<ul style="list-style-type: none"> <li>• MUET BAND 2</li> <li>• IELTS Band 4.0</li> <li>• TOEFL Paper – Based Test (437 – 473)</li> <li>• TOEFL Computer – Based Test (123 – 150)</li> <li>• TOEFL Internet – Based Test (41 – 52)</li> </ul> <p>(3 Courses x 2 Credits)</p>	<ul style="list-style-type: none"> <li>• MUET BAND 3</li> <li>• IELTS Band 4.5 – 5.0</li> <li>• TOEFL Paper – Based Test (477 – 510)</li> <li>• TOEFL Computer – Based Test (153 – 180)</li> <li>• TOEFL Internet – Based Test (53 – 64)</li> </ul> <p>(2 Courses x 3 Credits)</p>	<ul style="list-style-type: none"> <li>• MUET BAND 4</li> <li>• IELTS Band 5.5 – 6.0</li> <li>• TOEFL Paper – Based Test (513 – 547)</li> <li>• TOEFL Computer – Based Test (183 – 210)</li> <li>• TOEFL Internet – Based Test (65-78)</li> <li>• GCE A Level (English) (Minimum C)</li> </ul> <p>(2 Courses x 3 Credits)</p>	<ul style="list-style-type: none"> <li>• MUET BAND 5 &amp; BAND 6</li> <li>• IELTS Band 6.5 – 9.0</li> <li>• TOEFL Paper – Based Test (550 – 677)</li> <li>• TOEFL Computer – Based Test (213 – 300)</li> <li>• TOEFL Internet – Based Test (79 – 120)</li> <li>• GCE A Level (English) (B &amp; A)</li> </ul> <p>(2 Courses x 3 Credits)</p>
<p><b><u>COMPULSORY</u></b></p> <ul style="list-style-type: none"> <li>• GLT1002 - Mastering English I</li> <li>• GLT1003 - Mastering English II</li> <li>• GLT1004 - Mastering English III</li> </ul>	<p><b><u>COMPULSORY</u></b></p> <ul style="list-style-type: none"> <li>• GLT1005 - Mastering English IV</li> </ul>	<p><b><u>COMPULSORY</u></b></p> <ul style="list-style-type: none"> <li>• GLT1009 - Mastering English VI</li> </ul>	<p><b><u>COMPULSORY</u></b></p> <ul style="list-style-type: none"> <li>• GLT1014 – Advanced Communication Skills</li> <li>• GLT1015 – Advanced Professional Writing</li> </ul>
	<p><b><u>** CHOOSE ONE :</u></b></p> <ul style="list-style-type: none"> <li>• GLT1006 - Mastering English V</li> <li>• GLT1007 - Essential Writing Skills</li> <li>• GLT1008 - Effective Communication</li> </ul>	<p><b><u>** CHOOSE ONE :</u></b></p> <ul style="list-style-type: none"> <li>• GLT1010 - Mastering English VII</li> <li>• GLT1011 - Technical Writing Skills in English</li> <li>• GLT1012 - Presentation Skills in English</li> <li>• GLT1013 - Reading Critically</li> </ul>	

**\*\* The courses have pre-requisites and students can only register after PASSED the compulsory course as stipulated in the respective PATH**

UNIVERSITY COURSE (ENGLISH FOR COMMUNICATION) FACULTY OF LANGUAGES AND LINGUISTICS LIST OF COURSES TO BE CHOSEN BY ALL STUDENTS (SEMESTER I, SESSION 2019/2020 INTAKE) NON-MALAYSIAN STUDENTS			
PATH 1	PATH 2	PATH 3	PATH 4
<ul style="list-style-type: none"> <li>• IELTS Band 4.0</li> <li>• TOEFL Paper – Based Test (437 – 473)</li> <li>• TOEFL Computer – Based Test (123 – 150)</li> <li>• TOEFL Internet – Based Test (41 – 52)</li> </ul> <p>(3 Courses x 2 Credits)</p>	<ul style="list-style-type: none"> <li>• IELTS Band 4.5 – 5.0</li> <li>• TOEFL Paper – Based Test (477 – 510)</li> <li>• TOEFL Computer – Based Test (153 – 180)</li> <li>• TOEFL Internet – Based Test (53 – 64)</li> </ul> <p>(2 Courses x 3 Credits)</p>	<ul style="list-style-type: none"> <li>• IELTS Band 5.5 – 6.0</li> <li>• TOEFL Paper – Based Test (513 – 547)</li> <li>• TOEFL Computer – Based Test (183 – 210)</li> <li>• TOEFL Internet – Based Test (65-78)</li> <li>• GCE A Level (English) (Minimum C)</li> <li>• LULUS Advanced English (Level 6) (English Language Proficiency Programme offered by UMCCed)</li> </ul> <p>(2 Courses x 3 Credits)</p>	<ul style="list-style-type: none"> <li>• IELTS Band 6.5 – 9.0</li> <li>• TOEFL Paper – Based Test (550 – 677)</li> <li>• TOEFL Computer – Based Test (213 – 300)</li> <li>• TOEFL Internet – Based Test (79 – 120)</li> <li>• GCE A Level (English) (B &amp; A)</li> </ul> <p>(2 Courses x 3 Credits)</p>
<p><b><u>COMPULSORY</u></b></p> <ul style="list-style-type: none"> <li>• GLT1002 - Mastering English I</li> <li>• GLT1003 - Mastering English II</li> <li>• GLT1004 - Mastering English III</li> </ul>	<p><b><u>COMPULSORY</u></b></p> <ul style="list-style-type: none"> <li>• GLT1005 - Mastering English IV</li> </ul> <p><b><u>** CHOOSE ONE :</u></b></p> <ul style="list-style-type: none"> <li>• GLT1006 - Mastering English V</li> <li>• GLT1007 - Essential Writing Skills</li> <li>• GLT1008 - Effective Communication</li> </ul>	<p><b><u>COMPULSORY</u></b></p> <ul style="list-style-type: none"> <li>• GLT1009 - Mastering English VI</li> </ul> <p><b><u>** CHOOSE ONE :</u></b></p> <ul style="list-style-type: none"> <li>• GLT1010 - Mastering English VII</li> <li>• GLT1011 - Technical Writing Skills in English</li> <li>• GLT1012 - Presentation Skills in English</li> <li>• GLT1013 - Reading Critically</li> </ul>	<p><b><u>COMPULSORY</u></b></p> <ul style="list-style-type: none"> <li>• GLT1014 – Advanced Communication Skills</li> <li>• GLT1015 – Advanced Professional Writing</li> </ul>

*\*\* The courses have pre-requisites and students can only register after PASSED the compulsory course as stipulated in the respective PATH*

UNIVERSITY COURSE (ENGLISH FOR COMMUNICATION) FACULTY OF LANGUAGES AND LINGUISTICS LIST OF COURSES TO BE CHOSEN BY ALL STUDENTS (SEMESTER II, SESSION 2019/2020 INTAKE) NON-MALAYSIAN STUDENTS			
PATH 1	PATH 2	PATH 3	PATH 4
<ul style="list-style-type: none"> <li>IELTS Band 4.0</li> <li>TOEFL Paper – Based Test (437 – 473)</li> <li>TOEFL Computer – Based Test (123 – 150)</li> <li>TOEFL Internet – Based Test (41 – 52)</li> <li>PTE (Academic) – (10 – 28)</li> </ul> <p>(3 Courses x 2 Credits)</p>	<ul style="list-style-type: none"> <li>MUET BAND 3</li> <li>IELTS Band 4.5 – 5.0</li> <li>TOEFL Paper – Based Test (477 – 510)</li> <li>TOEFL Computer – Based Test (153 – 180)</li> <li>TOEFL Internet – Based Test (53 – 64)</li> <li>PTE (Academic) – (29 - 41)</li> </ul> <p>(2 Courses x 3 Credits)</p>	<ul style="list-style-type: none"> <li>MUET BAND 4</li> <li>IELTS Band 5.5 – 6.0</li> <li>TOEFL Paper – Based Test (513 – 547)</li> <li>TOEFL Computer – Based Test (183 – 210)</li> <li>TOEFL Internet – Based Test (65-78)</li> <li>PTE (Academic) – (42 – 57)</li> <li>FCE (B &amp; C)</li> <li>GCE A Level (English) (Minimum C)</li> <li>IGCSE/GCSE (English) (A, B &amp; C)</li> <li>Pass Advanced English (Level 6) (English Language Proficiency Programme offered by UMCCed)</li> </ul> <p>(2 Courses x 3 Credits)</p>	<ul style="list-style-type: none"> <li>MUET BAND 5 &amp; BAND 6</li> <li>IELTS Band 6.5 – 9.0</li> <li>TOEFL Paper – Based Test (550 – 677)</li> <li>TOEFL Computer – Based Test (213 – 300)</li> <li>TOEFL Internet – Based Test (79 – 120)</li> <li>PTE (Academic) (58 – 90)</li> <li>FCE (A)</li> <li>GCE A Level (English) (B &amp; A)</li> </ul> <p>(2 Courses x 3 Credits)</p>
<b><u>COMPULSORY</u></b> <ul style="list-style-type: none"> <li>GLT1002 - Mastering English I</li> <li>GLT1003 - Mastering English II</li> <li>GLT1004 - Mastering English III</li> </ul>	<b><u>COMPULSORY</u></b> <ul style="list-style-type: none"> <li>GLT1005 - Mastering English IV</li> </ul> <b><u>** CHOOSE ONE :</u></b> <ul style="list-style-type: none"> <li>GLT1006 - Mastering English V</li> <li>GLT1007 - Essential Writing Skills</li> <li>GLT1008 - Effective Communication</li> </ul>	<b><u>COMPULSORY</u></b> <ul style="list-style-type: none"> <li>GLT1009 - Mastering English VI</li> </ul> <b><u>** CHOOSE ONE :</u></b> <ul style="list-style-type: none"> <li>GLT1010 - Mastering English VII</li> <li>GLT1011 - Technical Writing Skills in English</li> <li>GLT1012 - Presentation Skills in English</li> <li>GLT1013 - Reading Critically</li> </ul>	<b><u>COMPULSORY</u></b> <ul style="list-style-type: none"> <li>GLT1014 – Advanced Communication Skills</li> <li>GLT1015 – Advanced Professional Writing</li> </ul>

**\*\* The courses have pre-requisites and students can only register after PASSED the compulsory course as stipulated in the respective PATH**

**LIST OF COURSES OFFERED BY FACULTY  
SEMESTER I & II, SESSION 2019/2020**

Course Code	Name of Course	Credit	LECTURER	
			Semester 1	Semester 2
EIX1001	Introduction to Political Science & Public Administration	3	Prof. Madya Dr. Yeoh Kok Kheng Dr. Nurhidayah Abdullah	<i>Will be identified</i>
EIX1002	Introduction to Law	3	Dr. Nurhidayah Abdullah	Dr. Hanira Hanafi
EIX2001	Research Methodology	4	Assoc. Prof. Dr. Jared Barton	<i>Will be identified</i>
EIX2002	Sociology	3	Mdm. Nur Annizah Ishak	Mdm. Nur Annizah Ishak
EIA1001	Introduction to Financial Management	4	Dr. Lim Kian Ping	En. Chong Chin Sieng
EIA1002	Microeconomics I	3	Dr. Tang Tuck Cheong	Dr. Yong Sook Lu
EIA1003	Macroeconomics I	3	Mr. Saad Mohd Said	Professor Dr. Evelyn Shyamala a/p Paul Devadason
EIA1004	Development Economics	3	Dr. Sharifah Muhairah Shahabudin	Dr. Azmah Othman
EIA1005	Statistics I	4	Dr. Diana Abdul Wahab	Dr. Soon Siew Voon
EIA1006	Statistics II	3	Professor Dr. Noor Azina Ismail	Dr. Muzalwana Abdul Talib @ Mutalib
EIA1007	Elementary Mathematics	3	Dr. Adilah Abdul Ghapor	Dr. Soon Siew Voon
EIA2001	Microeconomics II	4	Mr. Chong Chin Sieng	Mr. Chong Chin Sieng
EIA2002	Macroeconomics II	4	Dr. Zarinah Yusof	Mr. Saad Mohd Said
EIA2003	Malaysian Economy	3	Assoc. Prof. Dr. Yong Chen Chen	Mdm. Nor Hasniah Kasim
EIA2004	Critical Thinking in Economics	3	Dr. Pui Kiew Ling	Dr. Zarinah Yusof
EIA2005	Introduction to Mathematical Economics	3	Dr. Yong Sook Lu	Dr. Ong Sheue Li
EIA2006	Basic Econometrics	3	Dr. Soon Siew Voon	Assoc. Prof. Dr. Lau Wee Yeap
EIA3001	Microeconomics III	4	Dr. Ong Sheue Li	Dr. Nurulhuda Mohd Satar




Course Code	Name of Course	Credit	LECTURER	
			Semester 1	Semester 2
EIA3002	Macroeconomics III	4	Assoc. Prof. Dr. Santha Chenayah @ Ramu	Assoc. Prof. Dr. Santha Chenayah @ Ramu
EIA3003	History of Economic Thought	3	Assoc. Prof. Dr. Chan Sok Gee	Dr. Zarinah Yusof
EIA3004	Industrial Training	6	No Lecture & No Exam	
EIA3005	Graduation Exercise	6		
EIB2001	International Trade Theory	3	Professor Dr. Evelyn Shyamala a/p Paul Devadason	
EIB2002	Public Finance	3	Dr. Pui Kiew Ling	
EIB2003	Labour Economics	3	Mr. Saad Mohd Said	
EIB2004	Environmental Economics	3		Assoc. Prof. Dr. Santha Chenayah@Ramu
EIB2005	Urban Economics	3		Mdm. Nor Hasniah Kasim
EIB2006	Population Economics	3	Mr. Saad Mohd Said	
EIB2007	Business, Banking and Finance Law	3		
EIB2008	Islamic Economics	3		Dr. Roza Hazli Zakaria
EIB2009	Monetary Economics	3		Professor Dr. Tan Eu Chye
EIB3001	Behavioral Economics	3		Assoc. Prof. Dr. Jared Barton
EIB3002	Welfare Economics	3	Assoc. Prof. Dr. Santha Chenayah @ Ramu	
EIB3003	Managerial Economics	3		Dr. Nurulhuda Mohd Satar
EIB3004	Information Economics	3		Dr. Pui Kiew Ling
EIB3005	Health Economics	3	Assoc. Prof. Dr. Yong Chen Chen	
EIB3006	Industrial Economics	3		Dr. Yong Sook Lu

Course Code	Name of Course	Credit	LECTURER	
			Semester 1	Semester 2
EIB3007	Economics of Regulation	3		
EIB3008	Financial Economics	3		Mr. Saad Mohd Said
EIB3009	Islamic Banking & Finance	3	Dr. Hanira Hanafi	
EIB3010	International Economics Issues	3	Mdm. Nor Hasniah Kasim	
EIC2001	SME Development	3		
EIC2002	Gender and Development	3	Dr. Sharifah Muhairah Shahabudin	
EIC2003	Microfinance and Social Enterprise	3	Dr. Sonia Kumari Selvarajan	
EIC3001	Entrepreneurial Economics	3		Assoc. Prof. Dr. VGR Chandran Govindaraju
EIC3002	Analysis of Development Projects	3		
EIC3003	Green Economy and Sustainable Development	3	Dr. Muhammad Mehedi Masud	
EIC3004	Co-Operative Development	3		Dr. Azmah Haji Othman
EIC3005	Agricultural Development	3	Dr. Sonia Kumari Selvarajan	
EIC3006	Land Economics	3		
EIC3007	Globalization and Inclusive Development	3		Dr. Muhammad Mehedi Masud
EIC3008	Agriculture Business Management	3		Dr. Sonia Kumari Selvarajan
EIC3009	Development and Biotechnology	3		
EIC3010	Sociology of Development	3		Mdm. Nur Annizah Ishak
EIC3011	Community Development	3	Mdm. Nur Annizah Ishak	
EIC3012	Growth and Distribution	3		Dr. Sonia Kumari Selvarajan

Course Code	Name of Course	Credit	LECTURER	
			Semester 1	Semester 2
EID2001	Public Management : Theory and Practice	3	Dr. Nur Hairani Abd. Rahman	
EID2002	Comparative Government and Politics	3	Dr. Muhammad Tawfik Yaakub	
EID2003	Malaysian Politics	3	Professor Dr. Khadijah Md Khalid	
EID2004	International Political Economy	3		Assoc. Prof. Dr. Makmor Tumin
EID2005	Human Resource Management	3		Dr. Nurul Liyana Mohd Kamil
EID2006	Political Theory and Behavior	3	Assoc. Prof. Dr. Makmor Tumin	
EID2007	Local Government	3	Assoc. Prof. Dr. Raja Noriza Raja Ariffin	
EID3001	Public Sector Finance	3	Mr. Nawi Abdullah	
EID3002	Industrial Relations	3		Dr. Nurhidayah Abdullah
EID3003	Organizational Behavior	3	Dr. Nurul Liyana Mohd Kamil	
EID3004	Management Skills Technique	3		Mr. Nawi Abdullah
EID3005	Planning and Urbanisation	3		Assoc. Prof. Dr. Raja Noriza Raja Ariffin
EID3006	Project Management and Analysis	3	Mr. Nawi Abdullah	
EID3007	Public Policy	3		Dr. Nur Hairani Abd. Rahman
EID3008	Public Enterprises and Privatisation	3	Mr. Nawi Abdullah	
EID3009	Total Quality Management	3		Mr. Nawi Abdullah
EID3010	International Politics	3		Dr. Muhammad Asri Mohd Ali
EIE2001	Survey and Sampling Methods	3	Dr. Lai Siow Li	
EIE2002	Business Computing	3	Dr. Ng Yin Mei	

Course Code	Name of Course	Credit	LECTURER	
			Semester 1	Semester 2
EIE2003	Data Analysis	3		Dr. Lai Siow Li
EIE2004	Management Science	3	Dr. Diana Abdul Wahab	
EIE2005	Demographic Techniques and Applications	3		Dr. Lai Siow Li
EIE3001	Advanced Statistics	3		Dr. Adilah Abdul Ghapor
EIE3002	Time Series Analysis	3	Dr. Ahmad Farid Osman	
EIE3003	Econometric Analysis	3		Dr. Ahmad Farid Osman
EIE3004	Actuarial Mathematics	3		Dr. Ng Yin Mei
EIE3005	Statistical Computing	3		Dr. Diana Abdul Wahab
EIE3006	Financial Econometrics	3	Assoc. Prof. Dr. Lau Wee Yeap	
EIE3007	Experimental Design	3		
GIE1001	Introductory Economics**	3	Mdm. Nor Hasniah Kasim	Dr. Pui Kiew Ling
GIE2001	Elementary Statistics **	2		

1. \*\* This course is not offered to students from FEA. Nevertheless, the international students from FEA are required to take GIE1001 (Introductory Economics) to fulfil the graduation requirements.
2. All courses are subject to change.

 Not offered

## SOFT SKILLS

Beginning Semester II, Session 2006/2007, undergraduates at the University of Malaya are evaluated for soft skills. These soft skills are embedded in the courses offered. The aim of introducing soft skills is to develop a more physically and mentally balanced individual. These soft skills are fundamental in preparing students to compete in the job market that is growing more intense, and to face challenges of the real world. There are seven components of soft skills being evaluated, namely:

1. Communication Skills, (CS)
2. Critical Thinking and Problem Solving Skills, (CT)
3. Team Skills, (TS)
4. Lifelong Learning and Information Management, (LL)
5. Entrepreneurial Skills, (KK)
6. Ethics and Professional Values, (EM) and
7. Leadership Skills (LS).

## ACADEMIC ADVISOR SYSTEM

### 1. Function of the Academic Advisor

To guide the student in planning his/her program of study by:

- (1) helping the student choose courses and the number of credits the student will take before the commencement of the semester; and
- (2) providing guidance to the student in overcoming problems related to learning, if any, based on the student academic performance.

### 2. Consultation Session

- (1) Students under academic probation period are obliged to meet Academic Advisor.
- (2) Students are encouraged to meet the Academic Advisor at least once in every semester.

### 3. List of Academic Advisors

No.	Name	Email	Room No.	Tel. No.
1.	Dr. Diana Abdul Wahab	diana.abdwahab@um.edu.my	E04	03 7967 3674
2.	Dr. Muzalwana Abdul Talib	wana_am@um.edu.my	B23	03 7967 3730
3.	Dr. Ng Yin Mei	yinmei.ng@um.edu.my	E18	03 7967 3726
4.	Mdm. Nur Annizah Ishak	annizah@um.edu.my	B31	03 7967 3723
5.	Dr. Nurhidayah Abdullah	abd_hidayah@um.edu.my	B21	03 7967 3727
6.	Dr. Nur Hairani Abd. Rahman	nurhairani@um.edu.my	E19	03 7967 3733
7.	Dr. Ong Sheue Li	ongsl@um.edu.my	E02	03 7967 3699
8.	Dr. Soon Siew Voon	svsoon@um.edu.my	E22	03 7967 3651
9.	Dr. Nurul Liyana Mohd Kamil	nurulliyana@um.edu.my	E21	03 7967 3728

## COURSES PRO-FORMA

### FACULTY CORE COURSES

#### INTRODUCTION TO POLITICAL SCIENCE & PUBLIC ADMINISTRATION

<b>EIX1001</b> 3 Credits	<b>INTRODUCTION TO POLITICAL SCIENCE &amp; PUBLIC ADMINISTRATION</b>
Pre-requisite	None
Learning Outcomes	<p>At the end of this course, the students are able to:</p> <ol style="list-style-type: none"> <li>1. explain the key concepts of politics and public administration such as state, power, bureaucracy and policy.</li> <li>2. differentiate political systems and concepts pertaining to public administration.</li> <li>3. evaluate the issues and trends in public administration and its roles and functions in the political system.</li> </ol>
Synopsis	There are 2 parts in this course. The first part discusses political concepts and terms such as the state and nation, government and power, ideology, and political participation. The second part discusses the main themes in public administration including bureaucracy, public management, ethics and changes in public administration.
References	<ol style="list-style-type: none"> <li>1. Michael G. Roskin, Robert L. Cord, James A. Medeiros and Walter S. Jones (2013). <i>Political Science: An Introduction</i>, 13th Edition. NY: Pearson.</li> <li>2. Marcus E. Ethridge and Howard Handelman (2014). <i>Politics in a Changing World</i>, 7th edition. Stamford, CT: Cengage Learning.</li> <li>3. Rosenbloom, D.H and R.S. Kravchuk (2005), <i>Public Administration: Understanding Management, Politics and Law in the Public Sector</i>, NY: McGraw-Hill.</li> <li>4. Shafritz Jay M. &amp; Hyde Albert. (2012). <i>Classics of Public Administration</i>, Boston, MA: Wadsworth.</li> </ol>
Soft Skills	CS1, CS2, CS3 LL1, LL 2 EM1, EM2 LS1, LS 2
Assessment	Continuous Assessment : 40% Final Examination : 60%

<b>EIX1002</b> 3 Credits	<b>INTRODUCTION TO LAW</b>
Pre-requisite	None
Learning Outcomes	<p>At the end of this course, the students are able to:</p> <ol style="list-style-type: none"> <li>1. elaborate the types, concepts and basic theories of law;</li> <li>2. identify the important issues in the legal system including the economics activities; and</li> <li>3. analyse those issues with the relevant theories of law.</li> </ol>
Synopsis	<p>This course intends to expose students to the basic concepts in law. These include the development and sources of the Malaysian law: comprise of written and unwritten law. This course also covers various legislations related to economic activities. Under the topic of administration of justice, students will be exposed to the hierarchy of courts in Malaysia and their respective jurisdictions either in criminal or civil law. A discussion on the courts with special jurisdictions and Alternative Dispute Resolution will end this course.</p>
References	<ol style="list-style-type: none"> <li>1. A. Bradney, F. Cownie, J. Masson, A. Neal, D. Newell, <i>How to Study Law</i>, 3<sup>rd</sup> Ed., Sweet Maxwell, London, 1995.</li> <li>2. Ahmad Ibrahim and Ahilemah Jones, <i>The Malaysian Legal System</i>, Dewan Bahasa dan Pustaka 1995.</li> <li>3. Barker, David &amp; Padfield, Colin, <i>Law</i>, London, 1992</li> <li>4. Granville Williams, <i>Learning The Law</i>, 11<sup>th</sup> Ed., London, Steven and Sons 1982.</li> <li>5. Wu Min Aun, <i>The Malaysian Legal System</i>, 2<sup>nd</sup> Ed., Longman Malaysian Sdn Bhd, 1999.</li> <li>6. Wan Arfah Hamzah and Ramy Bulan, <i>An Introduction to The Malaysian Legal System</i>, Oxford Fajar Sdn Bhd, 2007.</li> <li>7. Relevant Statutes</li> </ol>
Soft Skills	<p>CS1, CS2, CS3 CT1, CT2, CT3 EM1, EM2 TS1, TS2</p>
Assessment	<p>Continuous Assessment : 40% Final Examination : 60%</p>

**EIX2001**

4 Credits

**RESEARCH METHODOLOGY**

## Pre-requisite

EIA1005 STATISTICS 1

## Learning Outcomes

At the end of this course, the students are able to:

1. explain the concept and research methods;
2. identify research problems and objectives;
3. apply relevant research methods to solve research problems;
4. analyse information or data in line with research objectives; and
5. prepare research proposal and paper.

## Synopsis

This course exposes and train students in conducting scientific research. This includes understanding the research concepts, issues and approaches for addressing research problems. The emphasis is also given to the role of theory in research and the methods of data collection and analyses. The students also learn to use statistical techniques as well as prepare a research proposal and paper.

## References

1. S Salkind, N. J. (2011). *Exploring Research*. New Jersey, 8<sup>th</sup> Ed: Pearson Education International.
2. Saunders, M., Lewis, P., Thornhill, A. (2009) *Research Methods for Business Students*, 5<sup>th</sup> ed. Prentice Hall.
3. Babbie, E., (2012). *The Practice of Social Research*, 13<sup>th</sup> Ed. Cengage Learning.

## Soft Skills

CS1, CS2, CS3, CS4, CS5, CS6, CS7  
 CT1, CT2, CT3  
 TS1, TS2, TS3, TS4, TS5  
 LL1, LL2  
 EM1, EM2, EM3  
 LS1, LS2

## Assessment

Continuous Assessment : 60%  
 Final Examination : 40%



**EIX2002**

3 Credits

**SOCIOLOGY**

Pre-requisite

None

Learning Outcomes

At the end of this course, students are able to:

1. explain the basic concepts of sociological studies;
2. relate these concepts to economic studies; and
3. apply the basic concepts to themselves and their respective roles in the community.

Synopsis

This course is an introduction to sociology. Topics covered include social theories, social organizations - kinship and family, culture and religion, social stratification - class, gender, race and ethnicity and collective behavior and social change.

Reference

1. Tishler, Henry I. (2002). *Introduction to Sociology*. 7<sup>th</sup> Edition. The HarcourtPress.
2. Macionis, John J. and Linda Gerber. (2002). *Sociology*. Ontario:Prentice Hall.
3. Rooney Stark. (2004). *Sociology*. 9<sup>th</sup> Edition. Belmont, CA: Wardworth/ Thomson Learning
4. Kendall, Diana (2010). *Sociology in out times: The Essentials* Wadsworth. Australia

Soft Skills

CS1, CS2, CS3, CS4, CS5, CS6  
TS1, TS2, TS3

Assessment

Continuous Assessment : 50%  
Final Examination : 50%

## PROGRAMME CORE COURSES

### ECONOMICS

#### INTRODUCTION TO FINANCIAL MANAGEMENT

<b>EIA1001</b> 4 Credits	<b>INTRODUCTION TO FINANCIAL MANAGEMENT</b>
Pre-requisite	None
Learning Outcomes	At the end of this course, students are able to: <ol style="list-style-type: none"> <li>1. identify basic principles and approaches of financial management;</li> <li>2. explain the roles and functions of financial managers; and</li> <li>3. use basic financial management tools in practice.</li> </ol>
Synopsis	This course provides the students with basic principles and approaches of financial management in a business entity. It encompasses basic accounting, financial concepts as well as short- and long-term investment and financing.
References	<ol style="list-style-type: none"> <li>1. Norhayah Zulkifli &amp; Mohd. Sarif Ibrahim (2000) <i>Perakaunan Kewangan: Prinsip dan Amalan</i>, edisi kedua. Kuala Lumpur: Arifi Resource.</li> <li>2. Khalid Ismail &amp; Mahadzir Hamid (2005) <i>Perakaunan Awalan</i>, edisi kedua. Petaling Jaya: Prentice Hall.</li> <li>3. Faudziah Zainal Abidin, Nasruddin Zainudin, Faizah Ismail &amp; Nurwati Ashikin Ahmad Zaluki (2005) <i>Pengurusan Kewangan: Teori dan Aplikasi</i>. Petaling Jaya: Prentice Hall.</li> <li>4. Brigham, Eugene F., &amp; Houston, Joel F. (2016) <i>Fundamentals of Financial Management</i>, 14<sup>th</sup> edition. Ohio: Cengage Learning.</li> <li>5. Block, Stanley B., Hirt, Geoffrey A. &amp; Danielsen, Bartley R. (2014) <i>Foundations of Financial Management</i>, 15<sup>th</sup> edition. New York: McGraw-Hill.</li> </ol>
Soft Skills	CS1, CS2, CS3 KK1
Assessment	Continuous Assessment : 40% Final Examination : 60%

<b>EIA1002</b> 3 Credits	<b>MICROECONOMICS I</b>
Pre-requisite	None
Learning Outcomes	At the end of the course, the students are able to: <ol style="list-style-type: none"> <li>1. explain principles and theories of microeconomics;</li> <li>2. apply microeconomic theories in decision-making; and</li> <li>3. analyse microeconomic problems.</li> </ol>
Synopsis	The course starts with an introduction to the principles of economics and followed by topics on microeconomic principles that can be applied in decision making. Topics include demand and supply, market equilibrium, elasticity of demand and elasticity of supply, consumer and producer surplus, government policies, welfare cost of taxation, gains from international trade, public goods, externalities, cost of production, perfect competition, monopoly, oligopoly and monopolistic competition.
References	<ol style="list-style-type: none"> <li>1. McConnell, R.C., Brue, S.L., Flynn, S.M. &amp; Grant, R. (2012) <i>Microeconomics: Principles, Problems and Policies</i>. McGrawHill</li> <li>2. Hubbard, R.G. &amp; O'Brien, A.P. (2013) <i>Microeconomics</i>. Fourth Edition. Pearson.</li> <li>3. Krugman, P. &amp; Wells, R. (2012) <i>Microeconomics</i>. 2<sup>nd</sup> Edition. Wadsworth Publishing.</li> <li>4. Mankiw, N.G. (2012) <i>Principles of Microeconomics</i>. 6<sup>th</sup> edition. South-Western Cengage Learning.</li> <li>5. Parkin, M. (2012) <i>Microeconomics</i> (Global Edition). 10<sup>th</sup> edition. Pearson.</li> </ol>
Soft Skills	CS1, CS2, CS3 CT1, CT2, CT3 TS1, TS2, TS3
Assessment	Continuous Assessment : 40% Final Examination : 60%

<b>EIA1003</b> 3 Credits	<b>MACROECONOMICS I</b>
Pre-requisite	None
Learning Outcomes	<p>At the end of the course, students are able to:</p> <ol style="list-style-type: none"> <li>1. identify the macroeconomic issues and problems;</li> <li>2. explain the Classical, Keynesian macroeconomic theories and economic activity determination;</li> <li>3. analyze the effectiveness of macroeconomic policy in close and open economy.</li> </ol>
Synopsis	<p>This course is divided into two parts. Part one discusses macroeconomic issues and problems, national income concepts and accounting and income determination model in closed and open economy. Part two discusses the derivation of the IS-LM curve, aggregate demand and aggregate supply curve, equilibrium in open economy and effectiveness of fiscal and monetary policy in the economy.</p>
References	<ol style="list-style-type: none"> <li>1. Froyen, R.T., 2009. <i>Macroeconomics: Theories and Policies</i>, 9<sup>th</sup> Edition, Prentice Hall. (RTF).</li> <li>2. Parkin M. &amp; Bade R., 2000. <i>Modern Macroeconomics</i>, 5th Edition, Pearson Education. (PB).</li> </ol>
Soft Skills	<p>CS1, CS2, CS3 CT1, CT2, CT3 TS1, TS2</p>
Assessment	<p>Continuous Assessment : 40% Final Examination : 60%</p>

<b>EIA1004</b> 3 Credits	<b>DEVELOPMENT ECONOMICS</b>
Pre-requisite	None
Learning Outcomes	At the end of the course, the students are able to: <ol style="list-style-type: none"> <li>1. describe economic growth and development concepts</li> <li>2. interpret development theories and processes; and</li> <li>3. assess a country's development policy, problems and practices</li> </ol>
Synopsis	This course looks into issues in economic development from the point of theories, policies and practices. Starting from observing the growth and development theories, ways to measure the process of growth and development, this course then examines economic changes, development and challenges faced by less developed countries. The major development policies, practices and its effects will be analysed with reference to the experience of developed countries.
References	<ol style="list-style-type: none"> <li>1. Dowling, J.M. and Valenzuela, M.R(2009) <i>Economic Development in Asia</i> (Thomson Learning).</li> <li>2. Todaro, Michael &amp; Smith, Stephen (2012) <i>Economic Development</i> (Pearson)</li> <li>3. Thirwall, A.P (2006) <i>Growth And Development</i> (Macmillan)</li> <li>4. Gillis, Malcom, et al. (2001) <i>Economics of Development</i> (Norton)</li> <li>5. Meier, Geraid, M and Joseph Stiglitz (2001) <i>Frontiers in Development Economics : The Future in Perspective</i> (World Bank and Oxford University Press).</li> </ol>
Soft Skills	CS1, CS2, CS3 TS1, TS2 LI1, LL2
Assessment	Continuous Assessment : 40% Final Examination : 60%

<b>EIA2001</b> 4 Credits	<b>MICROECONOMICS II</b>
Pre-requisite	EIA1002 MICROECONOMICS I
Learning Outcomes	<p>At the end of the course, the students are able to:</p> <ol style="list-style-type: none"> <li>1. explain the theory of consumer behaviour and the production theory;</li> <li>2. analyze consumer preferences towards risk;</li> <li>3. identify profit maximization conditions in the short run and long run; and</li> <li>4. analyze the gains and losses from government policies.</li> </ol>
Synopsis	The course will discuss the topics that relate to consumer behaviour, individual and market demand, risk and uncertainty, production theory and production costs. The course will also discuss how the firm maximizes profits under perfect competition.
References	<ol style="list-style-type: none"> <li>1. Pindyck, R.S., Rubinfeld, D.L. 2013. <i>Microeconomics</i>. (8<sup>th</sup> ed.) New Jersey: Pearson Education, Inc.</li> <li>2. Nicholson, W. 2010. <i>Intermediate Microeconomics and Its Applications</i>. (11<sup>th</sup> ed.) New York: Thomson.</li> <li>3. Katz, M.L., Rosen, H.S. 1999. <i>Microeconomics</i>. (7<sup>th</sup> ed.) New York: McGraw-Hill.</li> <li>4. Frank, R.H. 2010. <i>Microeconomics and Behavior</i>. (8<sup>th</sup> ed.) New York: McGraw-Hill.</li> </ol>
Soft Skills	CS1, CS2, CS3 CT1, CT2, CT3 LS1, LS2
Assessment	Continuous Assessment : 40% Final Examination : 60%

<b>EIA2002</b> 4 Credits	<b>MACROECONOMICS II</b>
Pre-requisite	EIA1003 MACROECONOMICS I
Learning Outcomes	<p>At the end of the course, students are able to:</p> <ol style="list-style-type: none"> <li>1. explain the determination of economic activity using different theories from various macroeconomic models;</li> <li>2. explain the main differences between the theories; and</li> <li>3. identify the main economic problems and the policy implications</li> </ol>
Synopsis	<p>This course discusses the macroeconomic models of Classical, Keynesian, Monetarist, New Classical, Real Business Cycles and New Keynesian. Focus is given to the differences between the theories. Also discussed are modern consumption theories, extended investment theories, Keynesian modern money demand theories. Choices of monetary policy targeting are discussed in the analysis of money supply.</p>
References	<ol style="list-style-type: none"> <li>1. Froyen, R.T. (2013), <i>Macroeconomics: Theories and Policies</i>. (10<sup>th</sup> Ed.) England: Pearson Education Ltd.</li> <li>2. Dornbush, R., Fischer, S. (2008), <i>Macroeconomics</i>. (10<sup>th</sup> Ed.) New York: McGraw-Hill.</li> <li>3. Gordon, R.J. (2013), <i>Macroeconomics</i>. (12<sup>th</sup> Ed.) New York. Pearson Higher Ed.</li> <li>4. Abel, A.B., Bernanke, B.S. (2014), <i>Macroeconomics</i>. (12<sup>th</sup> Ed.) New York. Pearson Higher Ed.</li> </ol>
Soft Skills	<p>CT1, CT2, CS3 TS1, TS2 LS1, LS2</p>
Assessment	<p>Continuous Assessment : 40% Final Examination : 60%</p>

<b>EIA2003</b> 3 Credits	<b>MALAYSIAN ECONOMY</b>
Pre-requisite	None
Learning Outcomes	At the end of the course, students are able to: <ol style="list-style-type: none"> <li>1. discuss policies, issues, achievements and implications for the Malaysian economy;</li> <li>2. analyze critically current issues of Malaysian economy; and</li> <li>3. relate theory to real world problems with reference to Malaysian economy.</li> </ol>
Synopsis	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
References	<ol style="list-style-type: none"> <li>1. Malaysia, <i>Development Plans 1-11</i>. Kuala Lumpur: Kerajaan Malaysia, various years.</li> <li>2. BNM <i>Annual Report various years</i>. Kuala Lumpur: BNM.</li> <li>3. MOF, <i>Economic Report, various years</i>. Putrajaya: Ministry of Finance</li> <li>4. Malaysia, <i>Outline Perspective Plan</i>, Kuala Lumpur, Malaysia.</li> <li>5. Malaysia, <i>Vision 2020</i>, Kuala Lumpur.</li> <li>6. Poon, W.C., 2008. <i>Malaysian Economy</i>. Pearson/Prentice</li> </ol>
Soft Skills	CS1, CS2, CS3 CT1, CT2, CT3 LS1 – LS2
Assessment	Continuous Assessment : 40% Final Examination : 60%



<b>EIA2004</b> 3 Credits	<b>CRITICAL THINKING IN ECONOMICS</b>
Pre-requisite	EIA1002 MICROECONOMICS I & EIA1003 MACROECONOMICS I
Learning Outcomes	<p>At the end of this course, students are able to:</p> <ol style="list-style-type: none"> <li>1. elaborate basic concepts and principles in critical thinking.</li> <li>2. apply principles in critical thinking to theoretical and empirical issues.</li> <li>3. debate logically and critically on various issues in economics.</li> </ol>
Synopsis	The course covers the formulation and presentation of economic arguments, common fallacies in economics, the use of deductive and inductive reasoning in economic theory, evaluation of economic policies.
References	<ol style="list-style-type: none"> <li>1. Gensler, Harry. 2010. <i>Introduction to Logic</i>. 2d ed. New York: Routledge.</li> <li>2. Bonello, Frank J., ed. 2006. <i>Taking Sides: Clashing Views on Economic Issues</i>. 12<sup>th</sup> Ed. Dubuque: McGraw-Hill.</li> <li>3. Epstein, Richard L., and Carolyn Kernberger. 2005. <i>The Guide to Critical Thinking in Economics</i>. Mason: Thomson.</li> <li>4. Hurley, Patrick. 2012. <i>A Concise Introduction to Logic</i>. 11<sup>th</sup> Ed. Boston: Wadsworth.</li> </ol>
Soft Skills	CS1, CS2, CS3 CT1, CT2, CT3 EM1, EM2
Assessment	Continuous Assessment : 60% Final Examination : 40%

<b>EIA3001</b> 4 Credits	<b>MICROECONOMICS III</b>
Pre-requisite	EIA2001 MICROECONOMICS II
Learning Outcomes	<p>At the end of the course, the students are able to:</p> <ol style="list-style-type: none"> <li>1. give a comprehensive and detail understanding of microeconomic theories;</li> <li>2. discuss the application of the theories to the analysis of economic problems and policies; and</li> <li>3. apply a range of simple mathematical techniques of economic analysis in problem-solving.</li> </ol>
Synopsis	<p>This is the sequence for Microeconomics II course, which focuses mainly on market imperfections, input markets, and general equilibrium. It introduces models to analyze monopoly and other market structures under imperfect competition. Game theory is extensively used to analyze the behaviour of firms under imperfect competition. Students will be introduced to problems of asymmetric information, externalities and public goods. Welfare analysis using general equilibrium will also be discussed.</p>
References	<ol style="list-style-type: none"> <li>1. Nicholson, W., Snyder, C. (2010), <i>Microeconomic Theory</i>, 11<sup>th</sup> ed., Thomson South-Western.</li> <li>2. Katz, M. L., Rosen, H. S. (1998), <i>Microeconomics</i>, 3<sup>rd</sup> ed., McGraw Hill.</li> <li>3. Mansfield, E., Yohe, G. (2004). <i>Microeconomics</i> 11<sup>th</sup> ed., W.W. Norton &amp; Co.</li> </ol>
Soft Skills	<p>CT1, CT2, CT3 LL1, LL2, LL3</p>
Assessment	<p>Continuous Assessment : 40% Final Examination : 60%</p>

<b>EIA3002</b> 4 Credits	<b>MACROECONOMICS III</b>
Pre-requisite	EIA2002 MACROECONOMICS II
Learning Outcomes	<p>At the end of the course, the students are able to:</p> <ol style="list-style-type: none"> <li>1. identify relevant macroeconomic issues which are significant to the Malaysian economy;</li> <li>2. elaborate macroeconomic issues using appropriate macroeconomic theories;</li> <li>3. discuss and recommend appropriate economic policies; and</li> <li>4. analyze business cycles using macroeconomic theories.</li> </ol>
Synopsis	This course will discuss various topics which include the exchange rate theory, asset market, capital movement based on <i>Uncovered Interest Parity</i> and <i>Covered Interest Parity</i> , Portfolio Balance Model, economic growth theory, business cycles; and policy formulations for main macroeconomic problems.
References	<ol style="list-style-type: none"> <li>1. Charles, J. (2006). <i>Introduction to Economic Growth</i>, 2<sup>nd</sup> Edition, W.W. Norton &amp; Company Inc, New York</li> <li>2. Williamson, S. (2005). <i>Macroeconomics</i>, 2<sup>nd</sup> Edition, Pearson Education Limited, England</li> <li>3. Gordon, R.J. (2006). <i>Macroeconomics</i>, 10<sup>th</sup> Edition, Prentice Hall.</li> <li>4. Lewis, M.K. and P.D. Mizan (2000), <i>Monetary Economics</i>, Oxford University Press, New Delhi</li> <li>5. K. Pilbeam (1998, 2nd edition), <i>International Finance</i>, Basingstoke: Macmillan</li> <li>6. Sawyer, John (1989). <i>Macroeconomics Theory: Keynesian and Neo-Walrasian Models</i>, London: Harvester, Wheatsheaf</li> </ol>
Soft Skills	CS1, CS2, CS3 CT1, CT2, CT3 LL1, LL2
Assessment	Continuous Assessment : 40% Final Examination : 60%

<b>EIA3003</b> 3 Credits	<b>HISTORY OF ECONOMIC THOUGHT</b>
Pre-requisite	None
Learning Outcomes	<p>At the end of the course, the students are able to:</p> <ol style="list-style-type: none"> <li>1. explain the main ideas of mercantilism economics, classical political economics, neoclassical economics, Keynesian economics and modern economic thought.</li> <li>2. illustrate how changing historical circumstances shape economic ideas; and</li> <li>3. analyze similarities and differences across the schools and theoretical framework of classical political economy, neoclassical economics, Keynesian economics and modern economic thought.</li> </ol>
Synopsis	<p>The course provides a survey on the development of economic theories from Aristotle to Keynes. Development of modern economic thought (after Keynes) is briefly addressed. Topics covered include: ancient Greeks, Arab-Muslim scholars and scholastics; mercantilism; physiocrats, classical political economics (Adam Smith; David Ricardo; Malthus; John Stuart Mill; Marx) and neoclassicalists. Aside from the direct knowledge and understanding of major contributions to economics, the course provides general insights into economic methodology and reasoning, and helps to deepen understanding of modern economic analysis.</p>
References	<ol style="list-style-type: none"> <li>1. Landreth, H. and Colander, D.C. 2002. <i>History of Economic Thought</i>. 4<sup>th</sup> edition. Houghton Mifflin Company.</li> <li>2. Brue, S. and Grant, R. 2007. <i>The History of Economic Thought</i>. 7<sup>th</sup> edition. South-Western.</li> <li>3. Ekelund, R.B. Jr and Hebert, R.F. 1997. <i>History of Economic Theory and Method</i>, 4th edition. McGraw-Hill.</li> <li>4. Robert L. Heilbroner. 1999. <i>The Worldly Philosophers: The Lives, Times And Ideas Of The Great Economic Thinkers</i> [7th Edition], Touchstone.</li> </ol>
Soft Skills	CT1, CT2, CT3 TS1 – TS2 LL1 – LL2
Assessment	Continuous Assessment : 40% Final Examination : 60%

**PROGRAMME CORE COURSES  
(QUANTITATIVE)**

**STATISTICS I**

<b>EIA1005</b> 4 Credits	<b>STATISTICS I</b>
Pre-requisite	None
Learning Outcomes	At the end of this course, the students are able to: <ol style="list-style-type: none"> <li>1. describe basic concepts in descriptive statistical analysis;</li> <li>2. apply basic descriptive statistical analysis on set of data in various fields;</li> <li>3. interpret the results of the analysis.</li> </ol>
Synopsis	The course covers basic concepts and their application various fields for the following topics: <ol style="list-style-type: none"> <li>1. Survey and sampling</li> <li>2. Presentation of data</li> <li>3. Numerical descriptive measures</li> <li>4. Probability</li> <li>5. Discrete probability distributions</li> </ol>
References	<ol style="list-style-type: none"> <li>1. Levine, DM; Stephan, D; Krehbiel, TC and Berenson, M.L, (2014). <i>Statistics for Managers Using Microsoft Excel</i>, (7<sup>th</sup> Ed.), Prentice Hall, Singapore.</li> <li>2. Liaw Shu Hui dan Goh Kim Leng. (2002). <i>Statistik Asas: Konsep dan Amalan</i>. Kuala Lumpur: McGraw-Hill.</li> <li>3. Tan, PC, ST Ng dan Noor Azina Ismail, (2002). <i>Statistik Gunaan Asas: Buku Kerja dengan Jawapan Lengkap</i>, Thomson Learning, Singapore.</li> <li>4. Keller, G. (2014), <i>Statistics for Management and Economics</i>, (10<sup>th</sup> Ed.), Cengage Learning.</li> </ol>
Soft Skills	CS1, CS2, CS3, CS4, CT2, CT5, TS1 LL1
Assessment	Continuous Assessment : 50% Final Examination : 50%

<b>EIA1006</b> 3 Credits	<b>STATISTICS II</b>
Pre-requisite	EIA1005 STATISTICS I
Learning Outcomes	<p>At the end of this course, the students are able to:</p> <ol style="list-style-type: none"> <li>1. explain basic concepts of statistical inference;</li> <li>2. apply statistical inference in various fields; and</li> <li>3. evaluate the results of statistical inference.</li> </ol>
Synopsis	<p>The first part of the course introduces the continuous probability and sampling distributions which form the basic knowledge of statistical inference. The second part focuses on statistical inference such as estimation and hypothesis testing. The third part covers various non-parametric statistics.</p>
References	<ol style="list-style-type: none"> <li>1. Levine, D.M., Stephan, D., Krehbiel, T.C., and Berenson, M.L. (2011). <i>Statistics for Managers Using Microsoft Excel</i>, 6<sup>th</sup> Edition, Prentice Hall, Singapore</li> <li>2. Keller, G. (2009). <i>Statistics For Management and Economics</i>, 8<sup>th</sup> Edition, South-Western, Cengage Learning.</li> <li>3. Liaw, S.H. and Goh K.L. (2002). <i>Statistik Asas: Konsep dan Amalan</i>. McGraw – Hill.</li> <li>4. Lind, D. A., Marchal, W. G., and Wathen, S. A. (2005). <i>Statistical Techniques in Business and Economics</i>, 12<sup>th</sup> Edition, McGraw – Hill.</li> <li>5. Aczel, A. D., and Sounderpandian, J. (2005). <i>Complete Business Statistics</i>, 6<sup>th</sup> Edition, McGraw – Hill.</li> </ol>
Soft Skills	CS1, CS2, CS3 CT5
Assessment	<p>Continuous Assessment : 40%</p> <p>Final Examination : 60%</p>

<b>EIA1007</b> 3 Credits	<b>ELEMENTARY MATHEMATICS</b>
Pre-requisite	None
Learning Outcomes	<p>At the end of this course, the students are able to:</p> <ol style="list-style-type: none"> <li>1. apply basic concepts of calculus and linear algebra;</li> <li>2. apply calculus and linear algebra methods; and</li> <li>3. explain the results of mathematical techniques.</li> </ol>
Synopsis	<p>The course covers basic concepts and their application in business, economics and administration for the following topics:</p> <ol style="list-style-type: none"> <li>1. Functions and graphs</li> <li>2. Limits and continuity</li> <li>3. Differentiation</li> <li>4. Integration</li> <li>5. Matrix algebra</li> </ol>
References	<ol style="list-style-type: none"> <li>1. Tan, S.T. (2013), <i>Applied Mathematics for the Managerial, Life and Social Sciences</i>, 6<sup>th</sup> Edition, Brooks/Cole, Thomson Learning (TEXTBOOK)</li> <li>2. Haeussler, E., R. Paul and R. J. Wood (2007) <i>Introductory Mathematical Analysis for Business, Economics and the Life and Social Sciences</i>. 12th Edition. Pearson International Edition.</li> </ol>
Soft Skills	CS1, CS2, CT5 TS1
Assessment	<p>Continuous Assessment : 40%</p> <p>Final Examination : 60%</p>

<b>EIA2005</b> 3 Credits	<b>INTRODUCTION TO MATHEMATICAL ECONOMICS</b>
Pre-requisite	None
Learning Outcomes	At the end of this course, the students are able to: <ol style="list-style-type: none"> <li>1. recognize mathematical techniques in economics;</li> <li>2. analyze economic theory using mathematics; and</li> <li>3. apply appropriate mathematical techniques to solve economic problems.</li> </ol>
Synopsis	This course includes partial and general equilibrium model of demand and supply, linear model and matrix algebra, comparative static analysis (differentiation and integration), optimization problems, turning points, maximum and minimum, and input-output model.
References	<ol style="list-style-type: none"> <li>1. Chiang, A.C., Wainwright, K., 2005. <i>Fundamental Methods of Mathematical Economics</i>, McGraw Hill, 4<sup>th</sup> edition.</li> <li>2. Baldani, Bradfield, Turner, 2005. <i>Mathematical Economics</i>, Thomson, 2<sup>nd</sup> edition.</li> <li>3. Jacques, I., 2009. <i>Mathematics for Economics and Business</i>, Pearson Education Limited, 6<sup>th</sup> edition.</li> <li>4. Selamah Maamor, et al. 2011. <i>Matematik untuk Ekonomi</i>, Cengage Learning Asia Pte Ltd.</li> </ol>
Soft Skills	CS1, CS2, CS3 CT1, CT2, CT3 LS1, LS2
Assessment	Continuous assessment : 40% Final examination : 60%



<b>EIA2006</b> 3 Credits	<b>BASIC ECONOMETRICS</b>
Pre-requisite	EIA1006 STATISTICS II
Learning Outcomes	<p>At the end of the course, the students are able to:</p> <ol style="list-style-type: none"> <li>1. introduce the concepts of linear regression;</li> <li>2. apply regression analysis and related techniques for quantifying economic relationships;</li> <li>3. analyze the results of estimation and hypothesis testing; and</li> <li>4. validate the assumptions of classical linear regression model.</li> </ol>
Synopsis	<p>This course introduces the concepts and use of basic econometrics to enforce intuitive understanding about regression analysis for estimation, prediction and inference. Topics covered are simple regression, parameter estimation, confidence intervals, hypothesis testing, model fit and diagnostics; multiple regression (including dummy variables), independent variables selection and model selection; functional forms; and classical assumption problems.</p>
References	<ol style="list-style-type: none"> <li>1. Gujarati, D.N. and D.C. Porter (2009), <i>Basic Econometrics</i>. 5<sup>th</sup> ed. McGraww-Hill, New York.</li> <li>2. Hill, R.C., Griffith, W.E., and Lim. G.C., (2008). <i>Principles of Econometrics</i>, 3<sup>rd</sup> edition. John Wiley</li> <li>3. Studenmund, A.H. (2010). <i>Using Econometrics : A Practical Guide</i>, 6<sup>th</sup> ed. Prentice Hall.</li> <li>4. Dougherty, C. (2007). <i>Introduction to Econometrics</i>, 3<sup>rd</sup> ed. Oxford University Press.</li> <li>5. Wooldridge, J.M., (2009). <i>Introductory Econometrics: A Modern Approach</i>, 4<sup>th</sup> ed. South-West College Publishing.</li> </ol>
Soft Skills	CS1, CS2, CS3 CT5
Assessment	<p>Continuous Assessment : 40%</p> <p>Final Examination : 60%</p>

**PROGRAMME CORE COURSE  
(INDUSTRIAL TRAINING)**

**INDUSTRIAL TRAINING**

<b>EIA3004</b> 6 Credits	<b>INDUSTRIAL TRAINING</b>
Pre-requisite	<ol style="list-style-type: none"> <li>1. Completed 60 credits of courses.</li> <li>2. Attended preparatory courses for Industrial Training</li> </ol>
Learning Outcomes	<p>At the end of the training, the students are able to:</p> <ol style="list-style-type: none"> <li>1. apply concepts and theories learnt to the workplace;</li> <li>2. relate the systems, techniques and innovations learnt at the workplace to their field of study;</li> <li>3. demonstrate interpersonal skills and knowledge as required by industry.</li> <li>4. identify work culture and challenges at the workplace and ;</li> <li>5. Illustrate the skill to manage knowledge and information.</li> </ol>
Synopsis	<p>Students will be placed at organization based on the Faculty Industrial Training Guidelines and SERU.</p> <p>Students will undergo a full time Industrial Training within the specified period. Students performance will be monitored by the Faculty and organization. Students will report their learning outcomes in log book and prepare the final Industrial Training report</p>
References	-
Soft Skills	CS1, CS2, CS3, CT1,CT2,CT3, TS1,TS2 LL1,LL2, EM1,EM2,EM3
Assessment	Continuous Assessment : 100%

**PROGRAMME CORE COURSE  
(GRADUATION EXERCISE)**

**GRADUATION EXERCISE**

<b>EIA3005</b> 6 Credits	<b>GRADUATION EXERCISE</b>
Pre-requisite	<ol style="list-style-type: none"> <li>1. Completed at least 60 credits of coursework.</li> <li>2. Passed EIX2001 Research Methodology course.</li> </ol>
Learning Outcomes	<p>At the end of the training, the students are able to:</p> <ol style="list-style-type: none"> <li>1. identify research issues or problems in the fields of economics and administration;</li> <li>2. apply relevant theories and methodology;</li> <li>3. analyse data and information related to research issues or problems; and</li> <li>4. Illustrate skills in conducting research and report writing.</li> </ol>
Synopsis	This exercise equip the student with skills in producing a research report. Student will be supervised on identifying research problems, conducting research and analysing data by using appropriate methods and reporting research outcomes systematically.
References	-
Soft Skills	CS1, CS2, CS3, CS4, CS5, CS6, CS7, and CS 8 CT1, CT2, CT3, CT4 , CT5 , CT6 and CT7 LL1, LL2 and LL3 KK1 and KK2 EM1, EM2 and EM3 LS1, LS2 and LS3
Assessment	Project report : 100%

## SPECIALIZATION AND RELATED ELECTIVE COURSES

### 1. ECONOMICS

#### INTERNATIONAL TRADE THEORY

<b>EIB2001</b> 3 Credits	<b>INTERNATIONAL TRADE THEORY</b>
Pre-requisite	EIA1002 MICROECONOMICS I
Learning Outcomes	At the end of the course, the students are able to: <ol style="list-style-type: none"> <li>1. explain basic concepts and theories in international trade;</li> <li>2. identify issues in international trade; and</li> <li>3. analyze issues in international trade using related theories.</li> </ol>
Synopsis	This course discusses concepts and theories of international trade such as law of comparative advantage, Heckscher-Ohlin theory, policies related to international trade, economic integration, and issues in international trade.
References	<ol style="list-style-type: none"> <li>1. Salvatore, D. (2011). <i>International Economics</i> (10<sup>th</sup> ed.) New Jersey: John Wiley &amp; Son.</li> <li>2. Krugman, P.R., Obstfeld, M. and Melitz, M.J. (2012). <i>International Economics – Theory and Policy</i> (9<sup>th</sup> ed.). Pearson.</li> <li>3. Gerber, J. (2011). <i>International Economics</i> (5<sup>th</sup> ed.). Pearson.</li> </ol>
Soft Skills	CS2, CS2, CS3 LS1, LS2
Assessment	Continuous Assessment : 40% Final Examination : 60%

<b>EIB2002</b> 3 Credits	<b>PUBLIC FINANCE</b>
Pre-requisite	None
Learning Outcomes	<p>At the end of the course, students are able to:</p> <ol style="list-style-type: none"> <li>1. describe how the public sector affect the provision of scarce resources;</li> <li>2. identify the role of the public sector;</li> <li>3. analyze the role played by voters in decision making; and</li> <li>4. explain the principles of federal taxation and finance.</li> </ol>
Synopsis	<p>The course covers topics such as market failure and the need for the public sector, the functions of the public sector, Pareto optimality, the theory of public goods, the concept of externalities and the roles of the private sector and the public sector in overcoming externalities, the voting systems and public choice, taxation analysis from the positive perspective and the normative perspective, et cetera.</p>
References	<ol style="list-style-type: none"> <li>1. Hyman, D.N. 2005. <i>Public Finance: A Contemporary Application of Theory to Policy</i>. 8e. Mason, Ohio: South-Western.</li> <li>2. Rosen, H.S. 2002. <i>Public Finance</i>. 6e. Boston: McGraw-Hill/Irwin.</li> <li>3. Musgrave, R.A. and Musgrave, P.B. 1989. <i>Public Finance in Theory and Practice</i>. 5e. New York: McGraw-Hill.</li> <li>4. Aronson, J.R. 1985. <i>Public Finance</i>. New York: McGraw-Hill.</li> </ol>
Soft Skills	CS1, CS2, CS3
Assessment	<p>Continuous Assessment : 40%</p> <p>Final Examination : 60%</p>

<b>EIB2003</b> 3 Credits	<b>LABOUR ECONOMICS</b>
Pre-requisite	None
Learning Outcomes	<p>At the end of the course, the students are able to:</p> <ol style="list-style-type: none"> <li>1. analyze various concepts and theories of labor market;</li> <li>2. apply theories of labor market to current labor market issues; and</li> <li>3. explain the implications of government policies on labor market.</li> </ol>
Synopsis	<p>This course discusses various aspects of labor market theories and issues. Among topics to be covered are the demand and supply of labor, labor market equilibrium, human capital investment, mobility and migration, labor market discrimination, trade union, occupational wage differential, unemployment and government labor market regulation and policy implications.</p>
References	<ol style="list-style-type: none"> <li>1. Ehrenberg, R. G. &amp; Smith, R. S. (2012). <i>Modern Labor Economics: Theory and Public Policy</i>. Eleventh Edition. New York: Pearson.</li> <li>2. McConnel, C. R., Brue, S. L. &amp; Macpherson, D. A. (2010). <i>Contemporary Labor Economics</i>. Eighth Edition. New York: McGraw-Hill.</li> <li>3. Fatimah Said &amp; Saad Mohd. Said (2002). <i>Ekonomi Pasaran Buruh</i>. Kota Bharu: AY.</li> <li>4. Zulkifly Osman (1989) <i>Ekonomi Buruh: Teori Permintaan dan Penawaran</i>. Kuala Lumpur: DBP.</li> </ol>
Soft Skills	<p>CS1, CS2, CS3 CT1, CT2, CT3 KK1 – KK2</p>
Assessment	<p>Continuous Assessment : 40% Final Examination : 60%</p>

<b>EIB2004</b> 3 Credits	<b>ENVIRONMENTAL ECONOMICS</b>
Pre-requisite	None
Learning Outcomes	<p>At the end of the course, students are able to:</p> <ol style="list-style-type: none"> <li>1. explain environmental economics and related theories;</li> <li>2. develop an awareness of the importance of conserving the environment; and</li> <li>3. analyse environmental issues through activities outside the classroom.</li> </ol>
Synopsis	<p>This course will focus strongly on theories of environment in order to broaden the students' understanding of the scope of environmental economics. The efficient market theory emphasizes on the role of markets in achieving optimum allocation of resources. In reality, market failure may happen under certain circumstances. This course will emphasize the argument that market failure will lead to externalities related to environmental problems and solutions need to be adopted to minimise environmental degradation. Discussion will also focus on the need for development that leads to environmental sacrifice. The course will also highlight the issues and the state of environment in developing countries.</p>
References	<ol style="list-style-type: none"> <li>1. Callan, Scott. J and Thomas, Janet. M, 2013, <i>Environmental Economics and Management: Theory, Policy and Applications</i>, Sixth Edition, The Dryden Press</li> <li>2. Tietenberg, T. And Lewis, L., 2010, <i>Environmental Economics &amp; Policy</i>, Sixth Edition, Pearson.</li> <li>3. Berck, P. and Helfand, G., 2011, <i>The Economics of the Environment</i>, First Edition, Pearson Addison Wesley</li> </ol>
Soft Skills	CS1, CS2, CS3 CT1, CT2, CT3 LS1, LS2
Assessment	Continuous Assessment : 40% Final Examination : 60%

<b>EIB2005</b> 3 Credits	<b>URBAN ECONOMICS</b>
Pre-requisite	EIA1002 MICROECONOMICS I
Learning Outcomes	<p>At the end of the course, students are able to:</p> <ol style="list-style-type: none"> <li>1. describe descriptively and theoretically the existence and growth of urban areas;</li> <li>2. explain the role and functions of urban areas as centres of economic activities; and</li> <li>3. apply urban economic theories to current urbanization issues.</li> </ol>
Synopsis	<p>This course discusses the definition of cities and theory behind existence of a city as well as market forces determining its growth. This course also introduces the theory of urban land rent and land use. Other issues related to urbanization like transportation, housing, pollution, social issues, together with ways to minimized them are also discussed.</p>
References	<ol style="list-style-type: none"> <li>1. O'Sullivan, A., 2009. <i>Urban Economics</i> 7th edition. McGraw Hill.</li> <li>2. Mills, E.S., Hamilton, B.W., 1994. <i>Urban Economics</i> 5th edition. Harper Collins College Publisher.</li> </ol>
Soft Skills	LL1, LL2, LL3 EM1, EM2 LS1, LS3
Assessment	Continuous Assessment : 50% Final Examination : 50%



<b>EIB2006</b> 3 Credits	<b>POPULATION ECONOMICS</b>
Pre-requisite	None
Learning Outcomes	<p>At the end of the course, students are able to:</p> <ol style="list-style-type: none"> <li>1. explain the relationship between population growth and the economy;</li> <li>2. discuss population issues from economic development perspective; and</li> <li>3. analyze the role public policies related to population issues</li> </ol>
Synopsis	<p>This course explores the issues of population from economic perspective. It discusses the relationship between population and economy by looking at how population changes are affected by and vice versa. It begins by examining two determinants of population growth: fertility and mortality. Then the issues of migration, urbanization, aging, and household transition are discussed. Finally it relates the population issue to public policies and the role of religion.</p>
References	<ol style="list-style-type: none"> <li>1. Weeks, J.R. (2008). <i>Population: An Introduction to Concepts and Issues</i> 10<sup>th</sup> edition. Wadsworth.</li> <li>2. Yaukey, D., Anderton, D.L., Lundquist, J.H. (2007). <i>Demography: The Study of Human Population</i>. Waveland Press Inc.</li> <li>3. Razin, A., Sadka, E. (1995). <i>Population Economics</i>. The MIT Press.</li> </ol>
Soft Skills	CT1, CT2, CT3 TS1, TS2 LL1, LL2
Assessment	Continuous Assessment : 50% Final Examination : 50%

<b>EIB2007</b> 3 Credits	<b>BUSINESS, BANKING AND FINANCE LAW</b>
Pre-requisite	None
Learning Outcomes	<p>At the end of the course, the students are able to:</p> <ol style="list-style-type: none"> <li>1. explain basic framework of the Malaysian Legal System;</li> <li>2. identify the main principles in business, banking and finance Law;</li> <li>3. discuss the legal provisions of Business Law using the relevant statutes/act;</li> <li>4. analyse court cases relevant to Business Law.</li> </ol>
Synopsis	The course content covers Law of Contract, Law of Hire Purchase, Law of Sale of Good, Law of Partnership, Law of Agency and Banking and Finance law.
References	<ol style="list-style-type: none"> <li>1. Beatrix Vohrah &amp; Wu Min Aun, <i>The Commercial Law of Malaysia</i>, Updated 2<sup>nd</sup> Ed: Longman Malaysia Sdn.Bhd.,Selangor,2006</li> <li>2. Lee Mei Pheng, <i>General Principles of Malaysian Law</i>, updated 5<sup>th</sup> Ed: Penerbit Fajar Bakti,2006</li> <li>3. Lee Mei Pheng, <i>Banking Law</i> 4<sup>th</sup> edition :LexisNexis 2012</li> </ol>
Soft Skills	CS1, CS2, CS3 CT1, CT2, CT3 TS1, TS2 EM1, EM2
Assessment	Continuous Assessment : 40% Final Examination : 60%

<b>EIB2008</b> 3 Credits	<b>ISLAMIC ECONOMICS</b>
Pre-requisite	EIA1002 MICROECONOMICS I & EIA1003 MACROECONOMICS I
Learning Outcomes	<p>At the end of the course, students are able to:</p> <ol style="list-style-type: none"> <li>1. Explain Islamic worldview and how it relates to Islamic economic principles.</li> <li>2. Describe the general features of Islamic economic.</li> <li>3. Apply Islamic perspective to the central issue of economics including production, consumption and distribution.</li> <li>4. Analyse the difference between Islamic economic and conventional economic on the fundamentals and various economic issues such as consumption and production.</li> </ol>
Synopsis	<p>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.</p>
References	<ol style="list-style-type: none"> <li>1. Askari, Hossein; Iqbal, Zamir and Mirakhor, Abbas. 2015. <i>Introduction of Islamic Economics, Theory and Application</i>. Wiley Finance, UK.</li> <li>2. Hassan, Surtahman Kastin and Ahmad, Sanep. 2010. <i>Ekonomi Islam: Dasar dan Amalan. Edisi Kedua</i>. Dewan Bahasa dan Pustaka, Kuala Lumpur.</li> <li>3. Khan, Muhammad Akram. 1994. <i>An Introduction to Islamic Economics</i>. International Institute of Islamic Thought and Institute of Policy Studies.</li> </ol>
Soft Skills	CS1, CS2, CS3 CT1, CT2 EM1, EM2
Assessment	Continuous Assessment : 40% Final Examination : 60%

<b>EIB2009</b> 3 Credits	<b>MONETARY ECONOMICS</b>
Pre-requisite	None
Learning Outcomes	<p>At the end of the course, students are able to:</p> <ol style="list-style-type: none"> <li>1. describe the basic concepts and theoretical frameworks in monetary economics;</li> <li>2. relate theories of monetary economics to the real world; and</li> <li>3. analyze the administration and operation of monetary policy in closed and open economies.</li> </ol>
Synopsis	Basic concepts and functions of money; demand for and supply of money and monetary controls; monetary transmission mechanisms; macroeconomic policies; monetary policy regimes; inflation and unemployment; money and output; exchange rate determination; and monetary policy instruments.
References	<ol style="list-style-type: none"> <li>1. Bank Negara Malaysia (1994) <i>Money and Banking in Malaysia</i></li> <li>2. Lailder, D.E.W. (1993) <i>The Demand for Money: Theories, Evidence and Problems</i>, HarperCollins, 4<sup>th</sup> edition</li> <li>3. Lewis, M.K. &amp; Mizen, P.D. (2000) <i>Monetary Economics</i>, Oxford University Press</li> <li>4. McCallum, B.T. (1989) <i>Monetary Economics: Theory and Policy</i>, Macmillan</li> <li>5. Pierce, D.G. &amp; Tysome, P.J. (1985) <i>Monetary Economics: Theories, Evidence and Policy</i>, Butterworth</li> </ol>
Soft Skills	CS1, CS2, CS3 CT1, CT2, CT3
Assessment	Continuous Assessment : 50% Final Examination : 50%

<b>EIB3001</b> 3 Credits	<b>BEHAVIORAL ECONOMICS</b>
Pre-requisite	EIA2001 MICROECONOMICS II
Learning Outcomes	<p>At the end of the course, the students are able to:</p> <ol style="list-style-type: none"> <li>1. Identify the missing behavioural elements of traditional economic models,</li> <li>2. describe the behaviourist approaches to economic models.</li> <li>3. apply the main concepts to a variety of other economic fields.</li> </ol>
Synopsis	<p>This course considers the traditional theories and models of economics and analyze how behavioral economics begins to move away from these models by relaxing traditional assumptions. It also analyzes the connection between economics and other behavioral sciences. This course aim at providing a grounding main areas of study within behavioral economics, including among others mental accounting, fairness and reciprocity, reference dependence, bounded rationality and choice under uncertainty.</p>
References	<ol style="list-style-type: none"> <li>1. Wilkinson, N., Klies, M. (2012). <i>Introduction to Behavioral Economics</i>. Palgrave MacMillan.</li> <li>2. Kahneman,D., Tversky, A. (eds) (2000). <i>Choices, Values, and Frames</i>. Cambridge University Press.</li> <li>3. Cemerer, C.F., Loewenstein, G., Rabin, M. (eds) (2004). <i>Advances in Behavioral Economics</i>. Princeton University Press.</li> </ol>
Soft Skills	CT1, CT1, CT3 TS1 – TS2 LL1 – LL2
Assessment	Continuous Assessment : 50% Final Examination : 50%

<b>EIB3002</b> 3 Credits	<b>WELFARE ECONOMICS</b>
Pre-requisite	None
Learning Outcomes	<p>At the end of the course, students are able to:</p> <ol style="list-style-type: none"> <li>1. describe the mechanism of resource allocation in a market economy;</li> <li>2. discuss the reasons the government intervened in the market economy; and</li> <li>3. assess project using social cost-benefit analysis.</li> </ol>
Synopsis	<p>This course will discuss Pareto Optimality Criteria, compensation criteria, measurement of social welfare changes, consumer surplus, Arrows theorem, social choice problem and others. Effect on market imperfection of optimality criteria will be discuss in second best theorem, externalities, Coase theorem, public goods and other.</p>
References	<ol style="list-style-type: none"> <li>1. R. Boadway &amp; N. Bruce (1984), <i>Welfare Economics</i> ; Oxford: Basil Blackwell</li> <li>2. Edward M. Gramlich (1990), <i>A guide to Benefit-Cost Analysis</i>; Prentice Hall</li> <li>3. Ng Yew Kwang (1983), <i>Welfare Economics</i>, rev.ed; London: Macmillan</li> <li>4. J. Craven (1992), <i>Social Choice</i>, Cambridge: Cambridge University Press</li> <li>5. J. Bonner (1986), <i>Politics, Economics &amp; Welfare</i>, Brighton : Wheatsheaf.</li> <li>6. C.M. Price (1977), <i>Welfare Economics in Theory and Practice</i>, London : Macmillan.</li> </ol>
Soft Skills	CS1, CS2, CS3
Assessment	<p>Continuous Assessment : 40%</p> <p>Final Examination : 60%</p>

<b>EIB3003</b> 3 Credits	<b>MANAGERIAL ECONOMICS</b>
Pre-requisite	None
Learning Outcomes	<p>At the end of the course, students are able to:</p> <ol style="list-style-type: none"> <li>1. explain managerial economic principles and concept;</li> <li>2. analyse application of microeconomic theory especially in making business decisions</li> </ol>
Synopsis	The contents of this course include price and market structures, demand and supply, production and cost, firms under perfect competition and firms with market powers; and decision making over time.
References	<ol style="list-style-type: none"> <li>1. Baye Micheal R (2003), <i>Manegerial Economics and Business Strategy</i> (4<sup>th</sup> Ed), McGraw-Hill.</li> <li>2. Mark Hirschey &amp; James L Pappas (2004), <i>Fundamentals of Managerial Economics</i>, (6<sup>th</sup> Ed), Dryden Press.</li> <li>3. S. Charles Maurice and Christopher R. Thomas (2005) <i>Manegerial Economics</i> (6<sup>th</sup> Ed) Irwin.</li> <li>4. Dominick Salvatore (2003) <i>Managerial Economic on a Global</i></li> <li>5. <i>Economy</i> (4<sup>th</sup> Ed). Harcourt College Publisher.</li> </ol>
Soft Skills	C1, CS2, CS3 CT1, CT2, CT3 LL1, LL2
Assessment	<p>Continuous Assessment : 40%</p> <p>Final Examination : 60%</p>

<b>EIB3004</b> 3 Credits	<b>INFORMATION ECONOMICS</b>
Pre-requisite	None
Learning Outcomes	<p>At the end of the course, students are able to:</p> <ol style="list-style-type: none"> <li>1. recognizing the importance of information in economics particularly in preparation of contracts and utility optimization;</li> <li>2. determining the role of information in economics;</li> <li>3. differentiating between problems due to asymmetric information in contracts;</li> <li>4. analysing methods to solve problems owing to information asymmetry; and</li> <li>5. creating a synthesis using models of information economics and basic mathematics.</li> </ol>
Synopsis	<p>The course will discuss the topics related to information symmetry and asymmetry, inter-temporal relationships, basic model, symmetric contracts, optimal payments mechanism, optimal effort level, moral hazard, first order approach, hidden information, adverse selection, signaling, education as a signal, equilibrium, analysis of mathematical and analytical problems.</p>
References	<ol style="list-style-type: none"> <li>1. Macho-Stadler, I and Castrillo, J.D. 2001. <i>An Introduction to the Economics of Information and Contracts</i> (2nd Edition), Oxford University Press.</li> <li>2. Milgrom, P. and Roberts, J. 1992. <i>Economics, Organization and Management</i>. (1<sup>st</sup> Edition). Prentice Hall.</li> <li>3. Hirschleifer, J. and Riley, J.G. 1992. <i>The Analytics of Uncertainty and Information</i>. (1<sup>st</sup> Edition). Cambridge University Press.</li> <li>4. Rasmussen, E.2001. <i>Games and Information</i>. (3<sup>rd</sup> Edition). Cambridge MA and Oxford U.K. Blackwell.</li> </ol>
Soft Skills	<p>CS: CS1 – CS3 CT: CT1 – CT3 LL: LL1 – LL2</p>
Assessment	<p>Continuous Assessment : 40% Final Examination : 60%</p>



<b>EIB3005</b> 3 Credits	<b>HEALTH ECONOMICS</b>
Pre-requisite	None
Learning Outcomes	<p>At the end of the course, students are able to:</p> <ol style="list-style-type: none"> <li>1. explain how economic principles apply to health related issues;</li> <li>2. analyse the costs and benefits of various health care choices; and;</li> <li>3. examine public policies on health care from an economic perspective</li> </ol>
Synopsis	<p>This course will discuss about health, healthcare and health policy from the microeconomic perspective. Topics include the demand and supply of health services, production and costs of healthcare, structure of the medical market, healthcare systems and institutions, role of government in health services and health insurance.</p>
References	<ol style="list-style-type: none"> <li>1. Phelps C.E (2006), <i>Health Economics</i>, 3<sup>rd</sup> edition, Addison Wesley</li> <li>2. Santerre R.E &amp; Neun S.P (2007), <i>Health Economics</i>, 4<sup>th</sup> edition, Thomson South Western</li> </ol>
Soft Skills	CS1, CS2, CS3
Assessment	<p>Continuous Assessment : 40%</p> <p>Final Examination : 60%</p>

<b>EIB3006</b> 3 Credits	<b>INDUSTRIAL ECONOMICS</b>
Pre-requisite	None
Learning Outcomes	<p>At the end of the course, students are able to:</p> <ol style="list-style-type: none"> <li>1. analyze various concepts and theories of industrial economics;</li> <li>2. identify various issues and ethical aspects related industrial economics; and</li> <li>3. explain industrial economics issues using related theories.</li> </ol>
Synopsis	<p>The course discusses theoretically and empirically the structure, conduct and performance of the industry. Among the topics to be covered are economies of scale, market concentration, entry barriers, vertical integration, diversification, oligopolistic competition, technological progress, advertising and competition policy.</p>
References	<ol style="list-style-type: none"> <li>1. Fatimah Said dan Saad Mohd. Said (2003). <i>Ekonomi Perindustrian</i>. Kuala Lumpur: DBP.</li> <li>2. Carlton, D. W. &amp; J. M. Perloff (1994). <i>Industrial Organization</i>. New York: Harper Collins.</li> <li>3. Hay, D. A. and J. M. Morris (1991). <i>Industrial Economics and Organization</i>. New York: Oxford University Press.</li> <li>4. Clark, R. (1985). <i>Industrial Economics</i>. Oxford: Basil Blackwell Ltd.</li> </ol>
Soft Skills	<p>CS1, CS2, CS3 CT1, CT2, CT3 KK1, KK2</p>
Assessment	<p>Continuous Assessment : 40% Final Examination : 60%</p>

<b>EIB3007</b> 3 Credits	<b>ECONOMICS OF REGULATION</b>
Pre-requisite	None
Learning Outcomes	<p>At the end of the course, students are able to:</p> <ol style="list-style-type: none"> <li>1. describe the basic economic theory of regulation and policy issues;</li> <li>2. discuss the regulation of economic issues related to Malaysia's economy; and</li> <li>3. identify the importance of government intervention in the market.</li> </ol>
Synopsis	<p>This course gives an overview of the main aspects of the economics of regulation. Topics discussed include market failures and the need for government intervention in order to have allocate and distributional efficiencies. Malaysian Case.</p>
References	<ol style="list-style-type: none"> <li>1. Viscusi, K., Vernon, J. and Harrinton, J., <i>Economics of Regulation and Anti-trust</i>, 2000, MIT Press</li> <li>2. Michael Pollit ( under MIT's Open Course Ware Program Cooperation) 2003. <i>Government Regulation of Industry</i></li> <li>3. Baldwin, Robert &amp; Martin Cave, 1999. <i>Understanding Regulation: Theory Strategy and Practice</i>. Oxford: University Press( BC)</li> <li>4. Peter Grajzi &amp; Peter Murell, 2005. <i>Allocating Law Making Powers; Self-Regulation vs Government Regulation</i>. CEU-Working Papers.</li> <li>5. Robert Cooter. 1997. <i>Journal of Legal Studies</i>. University of Chicago Law School</li> <li>6. Marshall C. Howard. 1983. <i>Anti-trust and Trade Regulation</i>. Prentice-Hall</li> <li>7. Alfred Kahn. 1993. <i>The Economics of Regulation</i>. MIT</li> <li>8. Richard L. Gordon. 1994. <i>Regulations and Economic Analysis</i>. Kluwer Academic Publisher.</li> </ol>
Soft Skills	CS1, CS2, CS3
Assessment	<p>Continuous Assessment : 50%</p> <p>Final Examination : 50%</p>

<b>EIB3008</b> 3 Credits	<b>FINANCIAL ECONOMICS</b>
Pre-requisite	None
Learning Outcomes	<p>At the end of the course, the students are able to:</p> <ol style="list-style-type: none"> <li>1. explain the function and operation of financial intermediaries;</li> <li>2. explain the function and operation of financial markets;</li> <li>3. evaluate the function of a central bank in the financial system.</li> </ol>
Synopsis	The course is designed to explain the activities involved in the financial sector. In particular, the course will examine the function and the operation of the financial markets; financial institutions and central bank's role in stabilize the financial system.
References	<ol style="list-style-type: none"> <li>1. Frederic S. Mishkin, <i>The Economics of Money, Banking and Financial Markets</i>, Pearson Education Inc, Boston, MA. Ninth Edition, 2010.</li> <li>2. R. Glenn Hubbard and A. Patrick O'brien, <i>Money, the Financial System and the Economy</i>, Pearson Education Inc, Boston, MA, 2012.</li> <li>3. R.L. Miller and D. VanHoose, <i>Money, Banking and Financial Markets</i>, South-Western, 2001.</li> </ol>
Soft Skills	CS1, CS2, CS3 CT1, CT2, CT3 TS1, TS2
Assessment	Continuous Assessment : 40% Final Examination : 60%

<b>EIB3009</b> 3 Credits	<b>ISLAMIC BANKING &amp; FINANCE</b>
Pre-requisite	None
Learning Outcomes	<p>At the end of the course, the students are able to:</p> <ol style="list-style-type: none"> <li>1. explain the philosophy, underlying concepts and principles of Islamic banking and finance;</li> <li>2. distinguish between the Islamic financial system and the conventional financial system from the socio-economic and legal perspective; and</li> <li>3. analyze issues pertaining to the development of Islamic banking and finance in theory and practice.</li> </ol>
Synopsis	<p>The course starts with an introduction to the philosophy, underlying concepts and principles of Islamic banking and finance followed by an overview of the development of Islamic banking and finance in theory and practice. Topics include unlawful contracts in Islam, prohibition of interest, lawful contracts based on profit, legal issues in Islamic banking products, conflict of court's jurisdiction, <i>takaful</i>, Islamic stock market and derivatives (<i>sukuk</i>).</p>
References	<ol style="list-style-type: none"> <li>1. Ismail Abdul Ghafar (2010), <i>Money, Islamic Banks and the Real Economy</i>, Singapore: Cengage Learning Asia Pte Ltd.</li> <li>2. Mohd Daud Bakar and Engku Rabiah Adawiah Ali (Ed) (2008), <i>Essential Readings in Islamic Finance</i>, Kuala Lumpur: CERT.</li> <li>3. Mei Pheng Lee and Detta Ivan Jeron (2007), <i>Islamic Banking &amp; Finance Law</i>, Kuala Lumpur: Pearson Malaysia Sdn Bhd.</li> <li>4. Rosly, Saiful Azhar (2005), <i>Critical Issues on Islamic Banking and Financial Markets</i>, Kuala Lumpur: Dinamas</li> <li>5. Radiah Abdul Kader (2001) <i>Ekonomi Islam</i>, Kuala Lumpur: Vision</li> <li>6. Relevant Statutes</li> </ol>
Soft Skills	<p>CS1, CS2, CS3 CT1, CT2, CT3 LS1, LS2</p>
Assessment	<p>Continuous Assessment : 50% Final Examination : 50%</p>

<b>EIB3010</b> 3 Credits	<b>INTERNATIONAL ECONOMIC ISSUES</b>
Pre-requisite	Second year student and above
Learning Outcomes	<p>At the end of the course, the students are able to:</p> <ol style="list-style-type: none"> <li>1. explain major international economic issues;</li> <li>2. identify crucial international economic issues that affect economic expansion of developing countries;</li> <li>3. analyse economic issues based on economic theories; and</li> <li>4. evaluate related economic issues and policy implications.</li> </ol>
Synopsis	<p>This course covers topics on globalisation and its impact on developing countries; the role international capital (and FDI) in world economy; international monetary system (old and new), the role of US\$-Yen-Deutschemarks/Euro; International Financial Architecture; international organisations (IMF, World Bank and WTO); International Trade Agreements (Uruguay Round and Doha); regional economic integration; oil crisis in the 1970s and 2000s; China-India-Brazil-Russia economies.</p>
References	<ol style="list-style-type: none"> <li>1. Sreger M. B. (2003). <i>Globalization. A Very Short Introduction</i>, Oxford University Press.</li> <li>2. Ravenhill J. (2005). <i>Global Political Economy</i>, Oxford University Press.</li> <li>3. Isard, P. (2005). <i>Globalization and the International Financial System</i>, Cambridge University Press.</li> <li>4. McKinnon, R. (1997). <i>The Rules of the Game</i>, MIT Press, Massachusetts.</li> </ol>
Soft Skills	<p>CT1, CT2, CT3 TS1, TS2 LS1, LS2</p>
Assessment	<p>Continuous Assessment : 40% Final Examination : 60%</p>

## 2. DEVELOPMENT STUDIES

### SME DEVELOPMENT

<b>EIC2001</b> 3 Credits	<b>SME DEVELOPMENT</b>
Pre-requisite	None
Learning Outcomes	<p>At the end of the course, the students are able to:</p> <ol style="list-style-type: none"> <li>1. identify the Economics Theory of Entrepreneurship;</li> <li>2. defines the entrepreneurship culture and entrepreneurship development;</li> <li>3. analyze new business venture; and</li> <li>4. write a business plan</li> </ol>
Synopsis	<p>The course will concentrate on development and creation of entrepreneur pertaining to small enterprise, agro-base, rural industries and non-formal sector. Theories, approaches and practice of entrepreneurship that fall under this categories will be discuss in relations to the normal management theory and practices.</p> <p>The course will identify the reasons for the creations of non-formal and small business enterprise.</p> <p>It will also analyse capital accumulation, human resources and market management plus the challenges to survive among small business entrepreneur. The role and importance of small business enterprise in economic development will also be discuss in this course.</p>
References	<ol style="list-style-type: none"> <li>1. Kotler, Philip. (2012). <i>Marketing Management</i>. Upper Saddle River, N.J.: Prentice-Hall.</li> <li>2. Mohd Salleh Din. (2005). <i>Asas Keusahawanan</i>. Singapore: Thomson Learning.</li> <li>3. Kuratko, Donald F. (5<sup>th</sup>ed.).(2001). <i>Entrepreneurship: A Contemporary Approach</i>. Fort Worth: Harcourt College Publishers.</li> <li>4. Beaumont, P.B. (1993). <i>Human Resource Management – Key Concepts and Skills</i>. CA: SAGE Publications.</li> <li>5. <i>Small Business Community Portal</i>. <a href="http://www.smallbusnries.com">www.smallbusnries.com</a></li> <li>6. <i>Canada Small Business Development</i>. <a href="http://www.entrepreneurship.com">www.entrepreneurship.com</a></li> </ol>
Soft Skills	CS1, CS2, CS3 CT1, CT2, CT3 TS1, TS2 LL1, LL2 KK1 EM1, EM2 LS1, LS2
Assessment	Continuous Assessment : 40% Final Examination : 60%

<b>EIC2002</b> 3 Credits	<b>GENDER AND DEVELOPMENT</b>
Pre-requisite	None
Learning Outcomes	<p>At the end of the course, the students are able to:</p> <ol style="list-style-type: none"> <li>1. identify the importance of the role of gender in the development process;</li> <li>2. discuss the theories of gender and development; and</li> <li>3. review the methodology and framework for analysing gender dimensions in development.</li> </ol>
Synopsis	<p>This course will begin with an analysis of the differential effects of the development process on different gender groups. This followed by a review of the theories related to gender and development. Feminist perspective in this field will be highlighted. The third part of this course will examine the methodology and framework for analyzing gender dimensions in development. The suitability of political systems to incorporating gender sensitive methods in planning, policy and development programme will be studied with reference to the experience of various countries in last part of this course.</p>
References	<ol style="list-style-type: none"> <li>1. Nalini Visvanathan, Lynn Duggan, Laurie Nisonoff and Nan Wiegersma. Ed. (2011). <i>The Women, Gender and Development Reader</i>. Halifax: Fernwood Publication.</li> <li>2. Sarkar, Aanchal (2006). <i>Gender and Development</i>. Pragn Publications.</li> <li>3. Parpart, J.L, Connelly, P. M., &amp; Barriteau, V.E. (2000). <i>Theoretical perspectives on gender and development</i>. IDRC Books.</li> <li>4. Harrison, Elizabeth, Harrison, Elizabeth, Whitehead, Ann. (2009). <i>Gender Myths and Feminist Fables : The Struggle for Interpretive Power in Gender and Development</i>. Wiley-Blackwell.</li> <li>5. Caroline Moser. (1993). <i>Gender Planning and Development. Theory, Practice and Training</i>. London: Routledge.</li> </ol>
Soft Skills	<p>CS1, CS2, CS3, CS4, CS5, CS6, CS7, CS8 TS1, TS2, TS3, TS4, TS5 LS1, LS2, LS3, LS4</p>
Assessment	<p>Continuous Assessment : 40% Final Examination : 60%</p>



<b>EIC2003</b> 3 Credits	<b>MICROFINANCE AND SOCIAL ENTERPRISE</b>
Pre-requisite	None
Learning Outcomes	<p>At the end of the course, the students are able to:</p> <ol style="list-style-type: none"> <li>1. describe the concept of poverty and rural development;</li> <li>2. analyse the relationship between capital and economic development;</li> <li>3. identify non-formal sector, non-formal credit, and social enterprise;</li> <li>4. comprehend basic financial management in microcredit and prepare a projected cash flow analysis of very small businesses; and</li> <li>5. analyse the role of social enterprise in development.</li> </ol>
Synopsis	<p>The course will discuss rural development theory and poverty problems in the rural sector. It will also touch the relationship between capital and economic development. It will also identify the structure on non-formal economics and non-formal credit. Basic financial management technique for small businesses will also be thought.</p>
References	<ol style="list-style-type: none"> <li>1. Helms, B. (2006). <i>Access for all. Building inclusive financial system</i>. Washington, DC: World Bank</li> <li>2. Gbate, P.B. ADB (1990). <i>Informal Finance: Some Findings From Asia</i>. Manila: Economics and Development Resources Center.</li> <li>3. Roth, J. (1997). <i>The Limits of Micro Credit as a Rural Development Intervention</i>. University of Manchester.</li> <li>4. Todaro, M.P. and Smith, S.C. (2009). <i>Economic Development</i>, (10 edition). Harlow: Addison Wesley.</li> </ol>
Soft Skills	<p>CS1, CS2, CS3 CT1, CT2, CT3 TS1, TS2 LL1, LL2</p>
Assessment	<p>Continuous Assessment : 40% Final Examination : 60%</p>

<b>EIC3001</b> 3 Credits	<b>ENTREPRENEURIAL ECONOMICS</b>
Pre-requisite	None
Learning Outcomes	<p>At the end of the course, the students are able to:</p> <ol style="list-style-type: none"> <li>1. identify concepts and theories of entrepreneurship;</li> <li>2. explain the significance and functions of entrepreneurship in economic development;</li> <li>3. evaluate the role and importance of policy support in entrepreneurial development; and</li> <li>4. write a business plan.</li> </ol>
Synopsis	<p>This course exposes the students with the concepts of and school of thoughts on entrepreneurship from various perspectives, including economics, sociology, psychology, and management. It also emphasises the importance of entrepreneurship as a factor in economic development. From the practical side, the students are exposed with the preparation of business plan.</p>
References	<ol style="list-style-type: none"> <li>1. Glancey, K.S dan McQuaid R.W. (2000), '<i>Entrepreneurial Economics</i>'. MacMillan Press Ltd. Great Britain</li> <li>2. Casson, Mark.C (1982), '<i>The Entrepreneur: An Economic Theory</i>'. Martin Robertson &amp; Company Ltd. Oxford.</li> <li>3. Kementerian Pengajian Tinggi, Malaysia (2007). <i>Asas Pembudayaan Keusahawanan</i>.</li> <li>4. Mohd Rosli, (2000), <i>Industri Kecil dan Serdahana: Landasan Pembangunan Usahawan</i>. Penerbit Universiti Malaya. Kuala Lumpur.</li> </ol>
Soft Skills	<p>CS1, CS2, CS3, CS4, CS5, CS6  CT1, CT2, CT3  TS1, TS2, TS3, TS4, TS5  LL1, LL2  KK1, KK2  EM1, EM2</p>
Assessment	<p>Continuous Assessment : 40%  Final Examination : 60%</p>

<b>EIC3002</b> 3 Credits	<b>ANALYSIS OF DEVELOPMENT PROJECTS</b>
Pre-requisite	None
Learning Outcomes	<p>At the end of the course, the students are able to:</p> <ol style="list-style-type: none"> <li>1. define the role of a development project planner and implementer;</li> <li>2. review the importance of planning for projects;</li> <li>3. demonstrate the use of tools needed for planning, managing and analysing development projects; and</li> <li>4. develop project reports based on case studies.</li> </ol>
Synopsis	<p>This course begins with a discussion about the meaning of a development project and various types of projects that are implemented by developmentalists will be discussed.</p> <p>In second part of this course, the importance of critical planning for projects will be discussed while the third part will discuss the process of analysing projects and conventional tools used to analyse development projects. Discussions about the project management constitute the fourth part of the course and the importance of including non economic consideration in project planning and analysis will be emphasized. In this course, students are also given training to prepare project reports based on case studies.</p>
References	<ol style="list-style-type: none"> <li>1. Gittinger. J P. <i>Economic Analysis of Agriculture Projects</i>, John Hopkins for the world Bank 1997</li> <li>2. Austin. J. E. <i>Agro Industrial Project Analysis of John Hopkins for EDI Series in Economic Development.</i>, World Bank 1981</li> <li>3. Barry C.E <i>Agricultural Finance</i>, New York Interstate Press 1988</li> <li>4. Ahmad Mahdzan Ayob <i>Perancangan dan penilaian projek Pembangunan</i>, Dewan Bahasa dan Pustaka Kementrian Pendidikan Malaysia, Kuala Lumpur, Malaysia 1989</li> <li>5. Abu Hassan Md Isa, <i>Kaedah Penilaian Projek Satu Pengenalan</i>, Dewan Bahasa dan Pustaka Kementrian Pendidikan Malaysia, Kuala Lumpur. Malaysia 1985.</li> </ol>
Soft Skills	<p>CS1, CS2, CS3, CS4, CS5, CS6, CS7, CS8  CT1, CT2, CT3, CT4, CT5, CT6, CT7  TS1, TS2, TS3, TS4, TS5  LL1, LL2  KK1,  EM1, EM2  LS1, LS2</p>
Assessment	<p>Continuous Assessment : 40%  Final Examination : 60%</p>

## GREEN ECONOMY AND SUSTAINABLE DEVELOPMENT

<b>EIC3003</b> 3 Credits	<b>GREEN ECONOMY AND SUSTAINABLE DEVELOPMENT</b>
Pre-requisite	None
Learning Outcomes	<p>At the end of this course, students are able to:</p> <ol style="list-style-type: none"> <li>1. identify the concepts of sustainable development;</li> <li>2. explain the relationship between development and the environment; and</li> <li>3. evaluate relevant management strategies to solve the problems of sustainable development.</li> </ol>
Synopsis	<p>This course presents the concepts and issues of sustainable development. It focuses on the relationship between economic development and its impact on the environment as well as on management strategies for sustainable development. Aspects of environmental management in Malaysia to ensuring sustainable development is also discussed.</p>
References	<p><b>Books:</b></p> <ol style="list-style-type: none"> <li>1. Newton, Adrian C. &amp; Cantarello, Elena (2014), <i>An Introduction to the Green Economy: Science, Systems and Sustainability</i>, Routledge, London &amp; New York. ISBN-13: 978-0415711616 ISBN-10: 0415711614</li> <li>2. Barbier, Edward B. &amp; Markandya, Anil (2013), <i>A New Blueprint for a Green Economy</i>, Routledge, ISBN-13: 978-1849713535 ISBN-10: 1849713537</li> <li>3. Sachs, Jeffrey D. (2015), <i>The Age of Sustainable Development</i>, Columbia University Press. ISBN-10: 0231173156 ISBN-13: 978-0231173155</li> <li>4. Pegels, Anna (Editor) (2014), <i>Green Industrial Policy in Emerging Countries</i>, Routledge ISBN-13: 978-0415870672 ISBN-10: 0415870674</li> <li>5. Vazquez-Brust, Diego A. &amp; Sarkis, Joseph (Editors), (2012), <i>Green Growth: Managing the Transition to a Sustainable Economy: Learning By Doing in East Asia and Europe</i>, Springer, New York &amp; London. ISBN-13: 978-9400744165 ISBN-10: 9400744161</li> <li>6. Hsu, Sara &amp; Perry, Nathan (2014), <i>Lessons in Sustainable Development from Malaysia and Indonesia</i>, Palgrave Pivot. ISBN-13: 978-1137353078 ISBN-10: 1137353074</li> </ol> <p><b>Reports:</b></p> <ol style="list-style-type: none"> <li>1. United Nations Environment Programme (2011), <i>Towards Green Economy: Pathways to Sustainable Development and Poverty Eradication</i>. Available at: <a href="http://www.unep.org/greeneconomy/Portals/88/documents/ger/ger_final_dec_2011/Green%20EconomyReport_Final_Dec2011.pdf">http://www.unep.org/greeneconomy/Portals/88/documents/ger/ger_final_dec_2011/Green%20EconomyReport_Final_Dec2011.pdf</a></li> <li>2. UN-DESA, UNEP &amp; UNCTAD (2011), <i>The Transition to a Green Economy: Benefits, Challenges and Risks from a Sustainable Development Perspective</i>. Available at: <a href="http://www.unep.org/greeneconomy/Portals/88/documents/research_products/UN-DESA,%20UNCTAD%20Transition%20GE.pdf">http://www.unep.org/greeneconomy/Portals/88/documents/research_products/UN-DESA,%20UNCTAD%20Transition%20GE.pdf</a></li> <li>3. World Bank Report (2012a), <i>Inclusive Green Growth: The Pathway to Sustainable Development</i>, Available at: <a href="https://openknowledge.worldbank.org/bitstream/handle/10986/6058/9780821395516.pdf?sequence=1">https://openknowledge.worldbank.org/bitstream/handle/10986/6058/9780821395516.pdf?sequence=1</a></li> <li>4. World Bank Report (2012b), <i>Green Infrastructure Finance</i>, Available at: <a href="http://www10.iadb.org/intal/intalcdi/pe/2012/10331.pdf">http://www10.iadb.org/intal/intalcdi/pe/2012/10331.pdf</a></li> </ol>
Soft Skills	<p>CS1, CS2, CS3, CS4, CS5, CS6 CT1, CT2, CT3 TS1, TS2, TS3, TS4, TS5 LL1, LL2 EM1, EM2</p>
Assessment	<p>Continuous Assessment : 40% Final Examination : 60%</p>

<b>EIC3004</b> 3 Credits	<b>CO-OPERATIVE DEVELOPMENT</b>
Pre-requisite	None
Learning Outcomes	<p>At the end of this course, students are able to:</p> <ol style="list-style-type: none"> <li>1. explain co-operative philosophy and concept.</li> <li>2. explain the co-operative principles.</li> <li>3. describe the co-operative administrative structure and management.</li> <li>4. analyze the co-operative importance and its role in the economy of a country.</li> </ol>
Synopsis	<p>This course discusses concept, philosophy, definition, co-operative's principles, administrative, management and finance. Co-operatives' progress, opportunities, challenges and the role they play in an economy is also discussed. This course focuses on co-operative development as well as the law and co-operative business.</p>
References	<ol style="list-style-type: none"> <li>1. Zeuli, K.A. and. Cropp., R (2004). <i>Cooperatives: Principles and Practices in the 21<sup>st</sup> Century</i>. University of Wisconsin-Extension. <a href="http://learningstore.uwex.edu/assets/pdfs/A1457.PDF">http://learningstore.uwex.edu/assets/pdfs/A1457.PDF</a></li> <li>2. Birchall, J. and Ketilson, L.H. (2009). <i>Resilience Of The Cooperative Business Models In Times Of Crisis</i>. International Labour Organization.</li> <li>3. Birchall, J. (2003). <i>Rediscovering the Cooperative Advantage: Poverty Reduction Through Self-Help</i>. International Labour Organization.</li> <li>4. Idris Ismail, Mohd. Safaai Said. (2003). <i>Pengenalan Kepada Koperasi</i>. Kuala Lumpur: Utusan Publication &amp; Distributors Sdn. Bhd.r.</li> </ol>
Soft Skills	<p>CS1, CS2, CS3 CT1, CT2, CT3 TS1, TS2 KK1</p>
Assessment	<p>Continuous Assessment : 40% Final Examination : 60%</p>

<b>EIC3005</b> 3 Credits	<b>AGRICULTURAL DEVELOPMENT</b>
Pre-requisite	None
Learning Outcomes	<p>At the end of this course, students are able to:</p> <ol style="list-style-type: none"> <li>1. relate the importance of agricultural development within the context of national development;</li> <li>2. analyse the impact of the transformation of the agricultural sector to economic growth; and</li> <li>3. assess the relationship between the agricultural sector and other sectors in the economy.</li> </ol>
Synopsis	<p>This course discusses the importance of agricultural development within the context of national economic development. Overall understanding of agricultural development requires three components which are interlinked: the share of agriculture to the overall national economic development, economic situation of traditional agriculture, and economic changes arising from agricultural modernization. These three components encompass the objectives of agricultural development which form the basis for the development process and the changes needed for national development.</p>
References	<ol style="list-style-type: none"> <li>1. World Bank (2005). <i>Agricultural Growth For The Poor: An Agenda For Development</i>. World Bank Publications.</li> <li>2. Mohamed Behnassi, Shabbir A. Shahid and Joyce D'Silva (Eds.). (2014). <i>Sustainable Agricultural Development: Recent Approaches In Resources Management And Environmentally-Balance Production Enhancement</i>. Netherlands: Springer.</li> <li>3. Thompson, P (Eds.). (2014). <i>The Ethics Of Intensification: Agricultural Development And Cultural Change</i>. Netherlands: Springer.</li> <li>4. Wu, F and Butz, W. (2004). <i>Future Of Genetically Modified Crops: Lessons From The Green Revolution</i>. Santa Monica, CA: Rand Corporation.</li> <li>5. <i>Rancangan Malaysia Kesepuluh 2011-2015</i>. (2010). Kuala Lumpur: Unit Perancang Ekonomi, JPM.</li> </ol>
Soft Skills	<p>CS1, CS2, CS3, CS4, CS5 CT1, CT2, CT3 TS1, TS2 LL1, LL2, LL3 EM1, EM2 LS1, LS2</p>
Assessment	<p>Continuous Assessment : 40% Final Examination : 60%</p>

<b>EIC3006</b> 3 Credits	<b>LAND ECONOMICS</b>
Pre-requisite	None
Learning Outcomes	<p>At the end of the course, students are able to:</p> <ol style="list-style-type: none"> <li>1. relate the importance of land as natural resource in national economic development;</li> <li>2. analyse demand for and supply of land resources and its relationship with other resources; and</li> <li>3. review problems, threats, and prospects pertaining to land use issue in economic development.</li> </ol>
Synopsis	This course discusses land as the most important factor of production. The discussion will focus on demand for and supply of land, the relationship between land and relevant input-output, decision making in land resource use, and the role of the government in formulating policies for land use.
References	<ol style="list-style-type: none"> <li>1. Barlowe, Raleigh.1986. <i>Land Resource Economics: The Economics of Real Estate</i>. 4<sup>th</sup> ed. Englewood Cliffs, New Jersey, Prentice-Hall, Inc.</li> <li>2. Doving, Folk. 1987. <i>Land Economics</i>. University of Illinois-Urbana, Boston, Massachusetts: Breton Publishers.</li> <li>3. Barry, P. et al. 1983. <i>Financial Management in Agriculture</i>, Danville, Illinois: The Interstate Printers &amp; Publishers, Inc.</li> <li>4. National Land Code, 1992. <i>International Law Book Service</i>: Kuala Lumpur.</li> </ol>
Soft Skills	CS1, CS2, CS3, CS4 CT1, CT2, CT3 TS1, TS2 LL1, LL2 EM1, EM2 LS1, LS2
Assessment	Continuous Assessment : 40% Final Examination : 60%

<b>EIC3007</b> 3 Credits	<b>GLOBALIZATION AND INCLUSIVE DEVELOPMENT</b>
Pre-requisite	None
Learning Outcomes	<p>At the end of the course, the students are able to:</p> <ol style="list-style-type: none"> <li>1. identify concepts of development, globalization and inclusiveness</li> <li>2. analyse development issues and problems, particularly in the context of globalization</li> <li>3. propose policies for fostering more inclusive development</li> </ol>
Synopsis	<p>This course will explore some important and interesting theoretical, historical and current issues in development, focusing on globalization and inclusiveness. We will cover a range of topics within the broad field of development, adopting a multi-disciplinary framework but focusing mainly on economics literature. We will give attention to the challenges faced by low and middle income countries in the development process. This course aims to cultivate an appreciation for the study of development, an understanding the complexity of challenges that developing countries face, and an ability to think critically about problems and solution</p>
References	<ol style="list-style-type: none"> <li>1. UNDP (Development Program) (various years) <i>Human Development Report</i>. New York: Oxford University Press.</li> <li>2. UNDESA (Department of Economic and Social Affairs) (2010) <i>Rethinking Poverty: Report on the World Social Situation</i>. New York: UN.</li> <li>3. UNCTAD (Conference on Trade and Development) (1997) <i>Trade and Development Report 1997: Globalisation, Distribution and Growth</i>. Geneva: UNCTAD.</li> <li>4. UNCTAD (2012) <i>Trade and Development Report 2012: Policies for Inclusive and Balanced Growth</i>. Geneva: UNCTAD.</li> <li>5. Glyn, Andrew (2004) "How far has globalization gone?" Oxford Review of Economic Policy 20(1): 1-14.</li> <li>6. Ha-Joon Chang (2003) "Kicking Away the Ladder: Infant Industry Promotion in Historical Perspective", Oxford Development Studies 31(1): 21-32.</li> </ol>
Soft Skills	<p>CS1, CS2, CS3, CS4, CS5, CS6 CT1, CT2, CT3 TS1, TS2, TS3, TS4, TS5 LL1, LL2 EM1, EM2</p>
Assessment	<p>Continuous Assessment : 60% Final Examination : 40%</p>



<b>EIC3008</b> 3 Credits	<b>AGRICULTURE BUSINESS MANAGEMENT</b>
Pre-requisite	None
Learning Outcomes	<p>At the end of this course, the students are able to:</p> <ol style="list-style-type: none"> <li>1. explain in basic agricultural business management;</li> <li>2. identify agricultural business management techniques that can address business challenges; and</li> <li>3. discuss the importance of the agricultural sector and its capability to generate employment in agricultural business for the future.</li> </ol>
Synopsis	<p>Any exercises that correlated with agricultural either happen in domestically or internationally has significantly affect the peoples and society, It can be understand and observe with background knowledge and exercise in agricultural, agricultural economics and agricultural business.</p> <p>This course will study the structure of agriculture organisation and the business, and discuss the principles of economy application in agricultural businesses. It will provide a basic knowledge of discussion for this course and agricultural economics in the future.</p>
References	<ol style="list-style-type: none"> <li>1. Van Fleet, D, Van Fleet, E. &amp; Seperich, G. (2014). <i>Agribusiness principles of management</i>. New York: Delmar Cengage Learning</li> <li>2. Ricketts, Cliff &amp; Rawlins, Omri (2001). <i>Introduction to Agribusiness</i>. Singapore: Delmar Thomson Learning.</li> <li>3. Chamhuri Siwar, Abd. Malik Ismail, Abdul Hamid Jaafar (eds)(1998). <i>Reformasi Pertanian Malaysia ke arah Wawasan 2020</i>. Bangi: Penerbit Universiti Kebangsaan Malaysia.</li> </ol>
Soft Skills	<p>CS1, CS2, CS3, CS4, CS5, CS6, CS7  CT1, CT2, CT3, CT4, CT5  TS1, TS2, TS3, TS4, TS5  LL1, LL2  KK1, KK2, KK3, KK4  EM1, EM2, EM3  LS1, LS2, LS3</p>
Assessment	<p>Continuous Assessment : 40%  Final Examination : 60%</p>

<b>EIC3009</b> 3 Credits	<b>DEVELOPMENT AND BIOTECHNOLOGY</b>
Pre-requisite	None
Learning Outcomes	<p>At the end of this course, students are able to:</p> <ol style="list-style-type: none"> <li>1. identify the concept and role of biotechnology in economic development;</li> <li>2. apply the knowledge of biotechnology to evaluate its contribution to enhancing economic activities particularly agricultural production; and</li> <li>3. discuss the significance of ethical issues in biotechnological research and development applicable for economic development.</li> </ol>
Synopsis	<p>This paper discusses the concepts of biotechnology in economic development. It emphasises on the impact of biotechnology on socio-economic welfare especially in agricultural production and innovations. Topics discussed include technological capability in developing related industries; suitability and implementation problems; environmental and ethical issues; challenges and prospects in economic development.</p>
References	<ol style="list-style-type: none"> <li>1. Sasson, Albert., dan Costarini, Vivien. (1991), <i>Biotechnologies in Perspective: Socio-economic Implications for Developing Countries</i>. Paris: United Nation Educational, Scientific and Cultural Organization</li> <li>2. Dyson, Anthony and Harris, John (1994), <i>Ethics and Biotechnology</i>. London: Routledge.</li> <li>3. Getubig, Ismael P. Jr., Chopra, V.L., dan Swaminathan, M.S., (1991), <i>Biotechnology for Asian Agriculture: Public Policy Implication</i>. Kuala Lumpur: Asian and Pacific Development Centre.</li> <li>4. Da Silva, E.J., Ratledge, Collin., dan Sasson, Albert. (1992), <i>Biotechnology, Economics and Social Aspects: Issues For Developing Countries</i>. Cambridge: The University Press.</li> <li>5. OECD (1988) <i>Biotechnology and The Changing Role of Government</i>. Paris: OECD Publications Service.om</li> </ol>
Soft Skills	<p>CS1, CS2, CS3, CS4, CS5, CS6, CS7  CT1, CT2, CT3, CT4, CT5  TS1, TS2, TS3, TS4, TS5  LL1, LL2  EM1, EM2, EM3  LS1, LS2, LS3</p>
Assessment	<p>Continuous Assessment : 40%  Final Examination : 60%</p>

<b>EIC3010</b> 3 Credits	<b>SOCIOLOGY OF DEVELOPMENT</b>
Pre-requisite	EIX2002 SOCIOLOGY
Learning Outcomes	<p>At the end of this course, the students are able to:</p> <ol style="list-style-type: none"> <li>1. relate sociological approaches in development planning and policies;</li> <li>2. evaluate various issues of development from sociological perspectives;and</li> <li>3. analyse various issues in the sociology of development.</li> </ol>
Synopsis	This course exposes students to social analysis in development planning and policies. It focuses on knowledge about systems, social theories and processes, politics and culture for development planning and policies.
References	<ol style="list-style-type: none"> <li>1. Schaefer, Richard T. 2008. <i>Sociology</i>, 11<sup>th</sup> Edition. McGraw-Hill Companies.</li> <li>2. Kendall, D. 2008. <i>Sociology In Our Times: The Essentials</i>, 7<sup>th</sup> Edition. Thompson Wardsworth.</li> <li>3. Henslin, James M. 2005. <i>Sociology: A Down-To-Earth Approach</i>, 7<sup>th</sup> Edition. Pearson Allyn and Bacon.</li> </ol>
Soft Skills	CS1, CS2, CS3, CS4, CS5, CS6 TS1, TS2, TS3
Assessment	<p>Continuous Assessment : 40%</p> <p>Final Examination : 60%</p>

<b>EIC3011</b> 3 Credits	<b>COMMUNITY DEVELOPMENT</b>
Pre-requisite	None
Learning Outcomes	<p>At the end of this course, students are able to:</p> <ol style="list-style-type: none"> <li>1. identify basic concepts and perspectives of community development;</li> <li>2. evaluate the importance of community development in national development;and</li> <li>3. analyse various strategies and issues of community development arising from the development process of nations.</li> </ol>
Synopsis	This course exposes students to basic knowledge, strategies and issues of community development. Topics covered include concepts, theoretical perspectives, context, models of and approaches to community development.
References	<ol style="list-style-type: none"> <li>1. Ferguson, R. and Dickens, W. 1999. <i>Urban Problems and Community Development</i>. Brookings Institution Press.</li> <li>2. Karen, K. and Ashman, K. 2000. <i>Human Behavior, Communities, Organizations and Groups in the Macro Social Environment: An Empowerment Approach</i>. Wadsworth Publisher Co.</li> <li>3. Gittell, R. and Vidal, A. 1998. <i>Community Organizing</i>. Sage Publications.</li> <li>4. Hoff, M. (ed). 1998. <i>Sustainable Community Development</i>. Lewis Publisher.</li> </ol>
Soft Skills	CS1, CS2, CS3, CS4, CS5, CS6, CS7, CS8 TS1, TS2, TS3, TS4, TS5 LL1, LL2, LL3 LS1, LS2, LS3, LS4
Assessment	Continuous Assessment : 40% Final Examination : 60%

<b>EIC3012</b> 3 Credits	<b>GROWTH AND DISTRIBUTION</b>
Pre-requisite	EIA1004 DEVELOPMENT ECONOMICS
Learning Outcomes	<p>At the end of this course, the students are able to:</p> <ol style="list-style-type: none"> <li>1. explain the importance of growth, development and equality in the distribution of income;</li> <li>2. state the theories and concept of poverty and income distribution; and</li> <li>3. discuss policy issues in addressing the poverty and income distribution problem.</li> </ol>
Synopsis	<p>This course focuses on economic growth, development, poverty and income distribution. The basic issue pertains to the widespread incidence of poverty and the widening gap between the rich and the poor in developing countries despite experiencing sustained economic growth. Globally, the concern is increasing income inequality between rich and poor countries</p>
References	<ol style="list-style-type: none"> <li>1. Cypher, James M. and Dietz, James L. (2009). <i>The Process of Economic Development</i>. Oxon: Routledge.</li> <li>2. Dowling, J.M and Valenzuela, M.R (2004). <i>Economic Development in Asia</i>. Singapore: Thomson Learning.</li> <li>3. Todaro, M and Smith, Stephen C. (2009). <i>Economic Development</i>. Harlow, England: Addison-Wesley.</li> <li>4. Weil, David N. (2009). <i>Economic Growth</i>. Singapore: Pearson International.</li> </ol>
Soft Skills	CS1, CS2, CS3 TS1, TS2
Assessment	<p>Continuous Assessment : 40%</p> <p>Final Examination : 60%</p>

### 3. ADMINISTRATIVE STUDIES & POLITICS

#### PUBLIC MANAGEMENT: THEORY AND PRACTICE

<b>EID2001</b> 3 Credits	<b>PUBLIC MANAGEMENT : THEORY AND PRACTICE</b>
Pre-requisite	None
Learning Outcomes	At the end of this course, students are able to: <ol style="list-style-type: none"> <li>1. recognise the importance of public sector management to a nation;</li> <li>2. identify the theories and strategies of public sector management in problem solving; and</li> <li>3. describe the practices and ethics of public sector management in Malaysia.</li> </ol>
Synopsis	The course will focus on the concept and theory linked to management framework in general. It will also focus on the practical aspects, which include the development of public sector in Malaysia, the formulation and implementation of public policy, intergovernmental relations and finally, development of globalization and its challenges to public sector management.
References	<ol style="list-style-type: none"> <li>1. Flynn, Norman.1990. <i>Public Sector Management</i>. New York: Harvester Wheatsheaf.</li> <li>2. Rosenbloom, David H.1989. <i>Public Administration, Understanding Management, Politics and Law in the Public Sector</i>. 2<sup>nd</sup> ed. Singapore: McGraw-Hill.</li> <li>3. Starling G. 1998. <i>Managing the Public Sector</i>. 5<sup>th</sup> ed. Florida: Harcourt Brace.</li> <li>4. Abdullah Sanusi Ahmad, Norma Mansor dan Abdul Kudus Ahmad. 2003, <i>The Malaysian Democracy: Four Decades of Development</i>, Pearson Prentice Hall, KL</li> </ol>
Soft Skills	CS1, CS2, CS3 CT1, CT2, CT3 TS1, TS2, TS3 LL1, LL2
Assessment	Continuous Assessment : 40% Final Examination : 60%

<b>EID2002</b> 3 Credits	<b>COMPARATIVE GOVERNMENT AND POLITICS</b>
Pre-requisite	None
Learning Outcomes	<p>At the end of this course, students are able to:</p> <ol style="list-style-type: none"> <li>1. recognize the dynamics and typical patterns of political processes and behaviour and their consequences in different societies;</li> <li>2. understand major comparative political concepts, themes, and generalizations;</li> <li>3. compare political institutions and processes across countries, examine changes in the different political and governmental systems and derive generalizations;</li> <li>4. analyse basic data relevant to comparative government and politics.</li> </ol>
Synopsis	<p>Comparative politics is the study of the domestic politics, political institutions, and conflicts of countries that involves comparisons among countries and through time within single countries, emphasizing key patterns of similarity and difference. This course on comparative government and politics thus introduces students to fundamental concepts used by political scientists to study the processes and outcomes of politics in a variety of country settings, such as sovereignty, authority, power, institutions, political and politico-economic changes, sociopolitical cleavages and public policy formation. It explores political cultures, governance and institutional alternatives, as well as a variety of data used to analyze global political and economic trends. More specifically, the course focuses on specific countries and their governments in order to provide context for the major concepts that are used to organize and interpret political phenomena and relationships. With an empirical approach based on the comparative method, the discussion of concepts in this course proceeds from abstract definition to concrete example by using these country cases, as the conceptual focus serves to enhance in-depth understanding of factual data even in diverse country settings.</p>
References	<ol style="list-style-type: none"> <li>1. Kesselman, Mark, Joel Krieger, and William A. Joseph. <i>Introduction to Comparative Politics: Political Challenges and Changing Agendas</i>, 7<sup>th</sup> edition. Wadsworth, Cengage Learning, 2015.</li> <li>2. Drogus, Orvis, <i>Introducing Comparative Politics: Concepts and Cases in Context</i>, 3<sup>rd</sup> edition. Sage, CQ Press, 2014.</li> <li>3. Wood, Ethel. <i>AP Comparative Government and Politics: An Essential Coursebook and Study Guide</i>, 6<sup>th</sup> edition. Woodyard Publications, 2014.</li> <li>4. Barrington, Lowell. <i>Comparative Politics: Structures and Choices</i>, 2<sup>nd</sup> edition. Wadsworth, Cengage Learning, 2013.</li> <li>5. Hauss, Charles, and Melissa Hauss. <i>Comparative Politics: Domestic Responses to Global Challenges</i>, 8<sup>th</sup> edition. Wadsworth, Cengage Learning, 2013.</li> <li>6. Samuels, David J. <i>Comparative Politics</i>. Pearson, 2013.</li> <li>7. Clark, William Roberts, Matt Golder, and Sona Nadenichek Golder. <i>Principles of Comparative Politics</i>, 2<sup>nd</sup> edition. Sage, CQ Press, 2013.</li> <li>8. McCormick, John. <i>Comparative Politics in Transition</i>, 7<sup>th</sup> edition. Wadsworth, Cengage Learning, 2013.</li> </ol>
Soft Skills	CS1, CS2, CS3 CT1, CT2, CT3 EM1, EM2
Assessment	Continuous Assessment : 40% Final Examination : 60%

<b>EID2003</b> 3 Credits	<b>MALAYSIAN POLITICS</b>
Pre-requisite	None
Learning Outcomes	At the end of this course, the students are able to: <ol style="list-style-type: none"> <li>1. describe main political conceptual frameworks;</li> <li>2. explain the history and development of Malaysian politics;</li> <li>3. interpret current political issues in Malaysia.</li> </ol>
Synopsis	This course consists of two main parts. In the first part, students will be exposed to several political conceptual frameworks such as authority and political influence, government, and political culture. The next part will discuss on Malaysia's political history and development and the role of political structure and function in Malaysia's political system. It will also discuss major political issues such as democracy, social justice, and equality.
References	<ol style="list-style-type: none"> <li>1. Abdul Razak Baginda, (ed.) 2009. <i>Governing Malaysia</i>. Kuala Lumpur: MSRC</li> <li>2. Crouch, Harold. 1996. <i>Government and Society in Malaysia</i>. Ithaca, NY: Cornell University Press.</li> <li>3. Milne, R.S., Mauzy, Diane K. 1999. <i>Malaysian Politics Under Mahathir</i>. London: Routledge.</li> <li>4. Mohd Azizuddin Mohd Sani, 2010, <i>Freedom of Speech and Social Responsibility in Malaysia</i>, Bangi: Penerbit Universiti Kebangsaan Malaysia.</li> <li>5. Puthuchear, M. and Norani Othman, eds., 2005, <i>Elections and Democracy in Malaysia</i>, Bangi, Malaysia: Penerbit Universiti Kebangsaan Malaysia.</li> </ol>
Soft Skills	CS1, CS2, CS3 TS1, TS2
Assessment	Continuous Assessment : 40% Final Examination : 60%



<b>EID2004</b> 3 Credits	<b>INTERNATIONAL POLITICAL ECONOMY</b>
Pre-requisite	None
Learning Outcomes	<p>At the end of this course, the students are able to:</p> <ol style="list-style-type: none"> <li>1. identify theories on economic development;</li> <li>2. explain the different economic development patterns of East Asian economies; and</li> <li>3. appraise state and business relationships in East Asia.</li> </ol>
Synopsis	<p>The course will provide a comparative overview of the role of government on economic and enterprise development in East Asia. The issues covered will include an analysis of the developmental state model and the selective distribution of economic rents to achieve policy objectives; the forms of government-business linkages and how such ties have facilitated the rise of major companies and stock markets in the region; and the rise of corruption and conflict of interest situation due to the nexus between government and business and how this has contributed to economic and political crises in East Asia.</p>
References	<ol style="list-style-type: none"> <li>1. Pearson, Frederick S., Payaslian, Simon. (1999). <i>International Political Economy: Conflict and Cooperation in the Global System</i>. NY: McGraw Hill College.</li> <li>2. Balaam, David N., Dillman, Bradford (2011). <i>Introduction to International Political Economy</i>. NJ: Pearson Education Inc.</li> <li>3. Chang Ha Joon. 2003. <i>Kicking Away the Ladder: Development Strategy in Historical Perspective</i>, London: Anthem Press.</li> <li>4. Gilpin, Robert (1987). <i>The Political Economy of International Relations</i>. Princeton, NJ: Princeton University Press.</li> <li>5. Dark, KR. (1998). <i>Waves of Time: Long-Term Change and International Relations</i>. London: Continuum.</li> <li>6. Jomo. K.S.(2001). <i>Southeast Asia's Industrialisation: Industrial Policy, Capabilities and Sustainability</i>.</li> <li>7. Stiglitz, J and Yusuf, S (ed). (2001). <i>Rethinking The East Asian Miracle</i>, Oxford: Oxford University Press.</li> <li>8. Gomez, E.T. and Jomo K.S. 1999. <i>Malaysia's Political Economy: Politics, Patronage and Profits</i>, Cambridge: Cambridge University press (revised edition).</li> <li>9. Ravenhill, J (2005). <i>Global Political Economy</i>, Oxford, New York: Oxford University Press.</li> <li>10. Woo-Cumings, Meredith. (1999). <i>The Developmental State</i>, Ithaca: Cornell University Press.</li> </ol>
Soft Skills	<p>CS1, CS2, CS3 CT1, CT2, CT3 TS1, TS2 LL1, LL2</p>
Assessment	<p>Continuous Assessment: 40% Final Examination : 60%</p>

<b>EID2005</b> 3 Credits	<b>HUMAN RESOURCE MANAGEMENT</b>
Pre-requisite	None
Learning Outcomes	At the end of this course, students are able to: <ol style="list-style-type: none"> <li>1. described concepts, theories and field in human resource management;</li> <li>2. identify strategic solutions to problems in human resource management; and</li> <li>3. review contemporary issues in human resource management.</li> </ol>
Synopsis	The course will focus on functions of human resource management include recruitment, selection, training and development, compensation, retention, evaluation, occupational health and safety, industrial relations and strategic global management. It demonstrates the activities and importance of skills in effective human resource management in policies and practices.
References	<ol style="list-style-type: none"> <li>1. R. Wayne Mondy &amp; Robert M. Noe. (1996). <i>Human Resource Management</i>. NJ: Prentice Hall.</li> <li>2. Bohlander, G. &amp; Snell, S. (2004). <i>Managing Human Resources</i>. USA: Thomson/South Western.</li> </ol>
Soft Skills	CS1, CS2, CS3 TS 1, TS2
Assessment	Continuous Assessment : 40% Final Examination : 60%

<b>EID2006</b> 3 Credits	<b>POLITICAL THEORY AND BEHAVIOR</b>
Pre-requisite	None
Learning Outcomes	At the end of this course, students are able to: <ol style="list-style-type: none"> <li>1. describe political thinkers' ideas;</li> <li>2. explain the influence of political ideas on government's and society's behaviour; and</li> <li>3. choose relevant political theories for the development of the state.</li> </ol>
Synopsis	The aim of the course is to expose students to major political theories and philosophy. Political thinkers discussed include the Roman and Greek political thinkers, the social contract theorists, Marxist, Muslim and Eastern thinkers. Political values such as freedom, justice and equality will also be covered in the course.
References	<ol style="list-style-type: none"> <li>1. De Lue, Steven M. (2002). <i>Political Thinking, Political Theory, and Civil Society</i>. NY: Pearson Education Inc.</li> <li>2. Ball, Terence (1995). <i>Reappraising Political Theory: Revisionist Studies in the History of Political Thought</i>. NY: Oxford University Press.</li> <li>3. Sabine, George H. (1961). <i>A History of Political Theory</i>. NY: Holt, Rinehart and Winston.</li> </ol>
Soft Skills	CS1, CS2, CS3 TS1, TS2
Assessment	Continuous Assessment : 40% Final Examination : 60%

<b>EID2007</b> 3 Credits	<b>LOCAL GOVERNMENT</b>
Pre-requisite	None
Learning Outcomes	<p>At the end of this course, the students are able to:</p> <ol style="list-style-type: none"> <li>1. identify concepts and theories of local government and urban governance;</li> <li>2. apply values and ethics of professional practice in addressing the issues and challenges of governing development and growth; and</li> <li>3. integrate concepts and theories of local government and urban governance in decision making process.</li> </ol>
Synopsis	<p>This course will look at the development of local government in various countries. However, the main focus will be the local government in Malaysia. It will also discuss the position of local government in the context of the political and administrative system. In addition, the efficiency and effectiveness of local government in the governance of development and growth of urban area will also be identified and examined.</p>
References	<ol style="list-style-type: none"> <li>1. Morphet, J. (2008). <i>Modern local government</i>. Los Angeles: Sage.</li> <li>2. Fenwick, J. (1995). <i>Managing local government</i>. London: Chapman &amp; Hall.</li> <li>3. Norris, M.W. (1980). <i>Local government in Peninsular Malaysia</i>. UK:Gower.</li> <li>4. Phang Siew Nooi. (1989). <i>Sistem kerajaan tempatan di Malaysia</i>, Kuala Lumpur:DBP.</li> <li>5. Ruland, Jurgen, (ed.). (1996). <i>The dynamics of metropolitan management in Asia</i>, Singapore:ISEAS.</li> <li>6. Rhodes, R.A.W. (1981) <i>Control and power in central-local government relations</i>, UK Aldershot, GB, Gower and Brookfield VT: Ashgate.</li> <li>7. Atkinson, M., Wilkin, A., Stott, A., Doherty, P. &amp; Kinder, K. (2001). <i>Multi-agency working: A detailed study</i>. Berkshire National Foundation for Educational Research</li> </ol>
Soft Skills	CS1, CS2, CS3 CT1, CT2, CT3 TS1, TS2 EM1, EM2
Assessment	Continuous Assessment : 40% Final Examination : 60%

<b>EID3001</b> 3 Credits	<b>PUBLIC SECTOR FINANCE</b>
Pre-requisite	None
Learning Outcomes	<p>At the end of this course, the students are able to:</p> <ol style="list-style-type: none"> <li>1. explain clearly the concept and mechanism of public financial accountability;</li> <li>2. identify the financial issues and problems;</li> <li>3. determine the approaches of public sector budgeting, budget cycle and its processes in Malaysia.</li> </ol>
Synopsis	This course helps public managers to understand and comprehend the public financial initiatives, its processes and control mechanism through various established mechanism.
References	Coombs & Jenkins, (2002) <i>“Public Sector Financial Management”</i> , London Thomson Learning, 3 <sup>rd</sup> Edition.
Soft Skills	CS1, CS2, CS3 TS1, TS2
Assessment	<p>Continuous Assessment : 70%</p> <p>Final Examination : 30%</p>

<b>EID3002</b> 3 Credits	<b>INDUSTRIAL RELATIONS</b>
Pre-requisite	None
Learning Outcomes	<p>At the end of this course, the students are able to:</p> <ol style="list-style-type: none"> <li>1. identify the basic principles of industrial relations, accountability as well as its benefits to the employees;</li> <li>2. identify the role of various stakeholders in solving industrial dispute; and</li> <li>3. describe the importance of various Acts that seek to redress industrial relations issues.</li> </ol>
Synopsis	<p>The course will examine various aspects of employment relations in achieving organizational objectives. It will look into industrial relations as a subject area that seeks to achieve harmonious environment as well as solving dispute between employers and employees. It will also examine the Employment Act of 1955, the Industrial Relations Act and the Labour Union Act.</p>
References	<ol style="list-style-type: none"> <li>1. Anantaraman, V. (1997), <i>Malaysian Industrial Relations: Law &amp; Practice</i>. Serdang: UPM Press.</li> <li>2. Michael Salamon, UK. (2000). <i>Industrial Relations: Theory and Practice</i>, 4<sup>th</sup> ed. UK: Prentice Hall.</li> <li>3. Maimunah Aminuddin. 1999. <i>Malaysian Industrial Relations and Employment Act</i>, 3rd ed. Shah Alam : McGraw Hill</li> <li>4. Siti Zahara Jamaluddin. 1997. <i>Pengenalan kepada Akta Kerja 1955</i>. KL : Penerbit Universiti Malaya.</li> </ol>
Soft Skills	CS1, CS2, CS3 CT1, CT2, CT3 TS1, TS2 LL1, LL2
Assessment	Continuous Assessment : 50% Final Examination : 50%

<b>EID3003</b> 3 Credits	<b>ORGANIZATIONAL BEHAVIOR</b>
Pre-requisite	None
Learning Outcomes	At the end of the course, students are able to: <ol style="list-style-type: none"> <li>1. apply the principles of organizational behavior in employment;</li> <li>2. use the systematic approach in explaining behavior in an organization; and</li> <li>3. relate to staff behaviour in an organization and work related environment.</li> </ol>
Synopsis	This course deals with staff behavior in an organization. It provides a synopsis of issues related to organizational behavior such as attitudes and job satisfaction, communication, and managing diversity in an organization.
References	<ol style="list-style-type: none"> <li>1. Robbins, Stephen P and Timothy A. Judge (a) (2008). <i>Essentials of Organizational Behavior</i> (9th ed.). Pearson Prentice Hall: Upper Saddle River, NJ.</li> <li>2. Kreitner, Robert and Angelo Kinicki. (2007). <i>Organizational Behavior</i> (7th ed.). McGraw-Hill: Boston etc.</li> <li>3. Robbins, Stephen P. and Timothy A. Judge (b) (2007). <i>Organizational Behavior</i> (12th ed.). Pearson Prentice-Hall: Upper Saddle River, NJ.</li> <li>4. Quinn, Robert E. et al. (1996). <i>Becoming a Master Manager: A Competency Framework</i> (2nd ed.) John Wiley: New York</li> </ol>
Soft Skills	CS1, CS2, CS3 TS1, TS2 LS1, LS2
Assessment	Continuous Assessment : 40% Final Examination : 60%

<b>EID3004</b> 3 Credits	<b>MANAGEMENT SKILLS TECHNIQUE</b>
Pre-requisite	None
Learning Outcomes	<p>At the end of this course, the students are able to:</p> <ol style="list-style-type: none"> <li>1. discuss management functions, managerial roles and skills of an organisation;</li> <li>2. distinguish the different techniques commonly used in decision making and problem solving process; and</li> <li>3. apply the techniques learned to different decision making and problem solving situations.</li> </ol>
Synopsis	<p>This course discusses management skills quantitative as well as qualitative approaches in decision making and problem solving process in an organisation. The first part of the discussion introduces students to management functions, managerial roles and skills, followed by decision theory and commonly used quantitative and qualitative management techniques</p>
References	<ol style="list-style-type: none"> <li>1. Baldwin, Bommer, Rubin. 2008. <i>Developing Management Skills: What Great Managers Know and Do</i>, McGraw Hill.</li> <li>2. Hellriegel, Jackson, Soocum. 2005. <i>Management: A Competency-Based Approach</i>, 10th edition, Thomson.</li> <li>3. Hillier F.S., Hillier M.S. 2008. <i>Introduction to Management Science with Student CD</i>, 3rd edition, McGraw Hill.</li> <li>4. Rafikul Islam. 2005. <i>Essentials of Management Science</i>, Thomson.</li> </ol>
Soft Skills	CS1, CS2, CS3 CT1, CT2, CT3 TS1, TS2 LL1, LL2
Assessment	Continuous Assessment : 50% Final Examination : 50%



<b>EID3005</b> 3 Credits	<b>PLANNING AND URBANISATION</b>
Pre-requisite	None
Learning Outcomes	<p>At the end of this course, the students are able to:</p> <ol style="list-style-type: none"> <li>1. identify issues on urbanisation and planning;</li> <li>2. apply concepts and theories of urbanisation and planning in managing growth; and;</li> <li>3. integrate the concepts and theories of planning into problem solving pertaining to urban area and the region.</li> </ol>
Synopsis	<p>This course introduces students to various urbanisation issues, the dynamics of urban development and ways of managing the urban areas. Discussions will focus on Malaysia and other countries, particularly on the impact of globalization on urban planning. In addition, the discussion will be within the context of sustainable development as the cornerstone of planning and the management of the urban area.</p>
References	<ol style="list-style-type: none"> <li>1. Sorensen, A. Okata, J. (ed.) (2010). <i>Megacities [electronic resource]: Urban Form, Governance, and Sustainability</i>. Springerlink.</li> <li>2. Hall, P. (1992). <i>Urban and regional planning</i> (3rd ed.). London: Routledge</li> <li>3. Van Bueren, E. Van Bohemen, H., Itard, L. &amp; Visscher, H. (ed.) (2012). <i>Sustainable Urban Environments [electronic resource]: An Ecosystem Approach</i>. SpringerLink.</li> <li>4. So, Frank S. (2000). <i>The Practice of Local Government Planning, International City/County Management Associate</i>, California</li> <li>5. Ban Lee, G. (1991). <i>Urban planning in Malaysia history, assumptions and issues</i>. Petaling Jaya: Tempo Pub.</li> <li>6. Ross, K. (2008). <i>Kuala Lumpur and Putrajaya : negotiating urban space in Malaysia</i>. Singapore : Asian Studies Association of Australia in association with NUS Press and NIAS Press.</li> </ol>
Soft Skills	<p>CS1, CS2, CS3 TS1, TS2, TS3 EM1, EM2</p>
Assessment	<p>Continuous Assessment : 40% Final Examination : 60%</p>

<b>EID3006</b> 3 Credits	<b>PROJECT MANAGEMENT AND ANALYSIS</b>
Pre-requisite	None
Learning Outcomes	<p>At the end of the course, the students are able to:</p> <ol style="list-style-type: none"> <li>1. explain the concepts, techniques and issues in project planning and management;</li> <li>2. design a project planning and management; and</li> <li>3. analyse the strengths and weaknesses of a particular project planning and management.</li> </ol>
Synopsis	Learning, examining and analyzing the policy-program-project framework including the project cycle, starting by investigating, analyzing and designing a project and concluded by project management techniques.
References	<ol style="list-style-type: none"> <li>1. Parag Diwan. (1999). <i>Project Management</i>, Kuala Lumpur, Golden Books Center.</li> <li>2. Jack Gido and Clements J.P. (1999). <i>Successful Project Management</i>, Cincinnati, Ohio, South Western College Publishing.</li> <li>3. Clifford F. Gray (2002). <i>Project Management: The Managerial Process</i> (McGraw-Hill International Editions: Management &amp; Organization Series). USA : McGraw-Hill.</li> </ol>
Soft Skills	CS1, CS2, CS3 TS1, TS2
Assessment	Continuous Assessment : 50% Final Examination : 50%

<b>EID3007</b> 3 Credits	<b>PUBLIC POLICY</b>
Pre-requisite	None
Learning Outcomes	<p>At the end of this course, the students are able to:</p> <ol style="list-style-type: none"> <li>1. interpret the theory and approach in public policy in the context of public administration in Malaysia;</li> <li>2. examine the various public policy models; and</li> <li>3. analyse the process involved in drafting and implementing public policies.</li> </ol>
Synopsis	This course examines public policy in Malaysia. It studies the process involved in public policy making and the role of each level of government i.e. central, state and local in drafting and implementation of public policies in this country.
References	<ol style="list-style-type: none"> <li>1. Dunn, W.N. 1994. <i>Public Policy Analysis – An Introduction</i>, Englewoods, Cliffs, New Jersey : Prentice Hall.</li> <li>2. Dye, T. 1999. <i>Understanding Public Policy</i>, Englewoods, Cliffs, New Jersey : Prentice Hall.</li> <li>3. Sharifah Mariam Alhabshi (2009). <i>Case Studies on Government Programs and Policies</i>. Kuala Lumpur: University of Malaya Press</li> <li>4. Buchholz, R. A. (1992). <i>Business Environment and Public Policy : Implications for Management and Strategy</i>. New Jersey: Prentice hall.</li> <li>5. Sabitha, M.(1997). <i>Dasar Awam di Malaysia: Isu dan Konsep</i>; Kuala Lumpur : Utusan Publication&amp; Distributors Sdn Bhd.</li> </ol>
Soft Skills	CS1, CS2, CS3 TS1, TS2
Assessment	<p>Continuous Assessment : 40%</p> <p>Final Examination : 60%</p>

<b>EID3008</b> 3 Credits	<b>PUBLIC ENTERPRISES AND PRIVATISATION</b>
Pre-requisite	None
Learning Outcomes	<p>At the end of this course, the students are able to:</p> <ol style="list-style-type: none"> <li>1. explain how theories guided public officials in making strategic decisions to partner with private sectors;</li> <li>2. explain how management is important to guarantee collaborative effectiveness between public-private sectors; and</li> <li>3. describe public official roles in meeting partnership objectives.</li> </ol>
Synopsis	The course introduces various aspects on public enterprises as well as evaluates major implementation issues of privatization of public enterprises.
References	<ol style="list-style-type: none"> <li>1. Maurrasse, David J (2014), <i>Strategic Public-Private Partnerships: Innovation and Development</i>, Cheltenham Glos: Edward Elgar Publishing.</li> <li>2. Freedman Consulting, LLC and Bloomberg Philanthropies (2013), <i>The Collaborative City: How Partnerships between Public and Private Sectors Can Achieve Common Goals</i>.</li> <li>3. Bovaird, Tony (2006), "Developing New Forms of Partnership with the 'Market' in the Procurement of Public Services," <i>Public Administration</i>, 84(1): 81-102.</li> <li>4. <a href="http://www.nyc.gov/html/fund/downloads/pdf/ppp_report_112013.pdf">http://www.nyc.gov/html/fund/downloads/pdf/ppp_report_112013.pdf</a></li> <li>5. Huxham, Chris and Vangen, Siv (2005), <i>Managing to Collaborate: The Theory and Practice of Collaborative Advantage</i>, London: Routledge.</li> <li>6. Austin, James (2000). "Strategic Collaboration Between Non-Profits and Business," <i>Non-Profits and Voluntary Sector Quarterly</i>, 29(1): 69-97.</li> <li>7. Savas, E.S. (1999), <i>Privatization and Public-Private Partnerships</i>, California: CQ Press.</li> </ol>
Soft Skills	CT1, CT2, CT3 TS1, TS2, TS3, TS4, TS5 LL1, LL2, LL3 EM1, EM2
Assessment	Continuous Assessment : 70% Final Examination : 30%

<b>EID3009</b> 3 Credits	<b>TOTAL QUALITY MANAGEMENT</b>
Pre-requisite	None
Learning Outcomes	<p>At the end of this course, the students are able to:</p> <ol style="list-style-type: none"> <li>1. explain the concepts, models, tools and other aspects regarding the achievement and management of quality in organizations;</li> <li>2. assess the strengths and weaknesses of those they already understood;</li> <li>3. simulate on the methods of implementing total quality management program; and</li> <li>4. evaluate the implementation of quality program in an organization.</li> </ol>
Synopsis	<p>The course will discuss the followings:</p> <ol style="list-style-type: none"> <li>1. Characteristics and the problems of change including the definitions of quality and the history of quality movement;</li> <li>2. Motivation and teams, including team formation, definitions, leadership, training and counselling, patterns and styles of management, internal and external motivation, customer and process;</li> <li>3. Approaches and methods of problem-solving;</li> <li>4. Understanding Deming's System of Profound Knowledge;</li> <li>5. Quality leadership, with a focus on customers and continuous improvement; and</li> <li>6. Quality movement and its relationship to ISO 9000.</li> </ol>
References	<ol style="list-style-type: none"> <li>1. Parag Diwan. (1999). <i>Total Quality Management</i>, Kuala Lumpur, Golden Books Center.</li> <li>2. Gred Bounds, et. al. (1994). <i>Beyond Total Quality Management</i>, New York, McGraw-John Wiley &amp; Sons.</li> <li>3. William J. Kolarik. (1995). <i>Creating Quality</i>, New York, McGraw-Hill.</li> <li>4. Brrie G. Dale. (1994). <i>Managing Quality</i>, New York, Prentice Hall.</li> <li>5. Roland Caulcutt. (1995). <i>Achieving Quality Improvement</i>, London, Chapman and Hall.</li> </ol>
Soft Skills	CS1, CS2, CS3 TS1, TS2
Assessment	<p>Continuous Assessment : 50%</p> <p>Final Examination : 50%</p>

<b>EID3010</b> 3 Credits	<b>INTERNATIONAL POLITICS</b>
Pre-requisite	None
Learning Outcomes	At the end of this course, the students are able to: <ol style="list-style-type: none"> <li>1. explain the role of theory in international politics;</li> <li>2. identify the link between theory and policy;</li> <li>3. predict the potential source for change in international politics in coming decade.</li> </ol>
Synopsis	This course will expose student to the dynamic of state interaction as well as the role of non-states entities in contemporary international politics.
References	<ol style="list-style-type: none"> <li>1. Paul D'Anieri (2010), <i>International Politics : Power and Purpose in Global Affairs</i>. Wadsworth Cengage Learning: Boston, MA</li> <li>2. John Baylis, Steve Smith and Patricia Owens (2011), <i>The Globalization of World Politics : An Introduction to International Relations (5<sup>th</sup> ed.)</i>. Oxford University Press : New York.</li> <li>3. Howard H. Lentner (1997), <i>International Politics : Theory and Practice</i>, West Publishing Co., Minneapolis/St. Paul, New York.</li> <li>4. Art, R.J. &amp; Jervis, R. (2014), <i>International Politics : Enduring Concepts and Contemporary Issue (12<sup>th</sup> ed.)</i>, Pearson : Essex, England.</li> <li>5. Frieden, J. A., Lake D. A &amp; Schultz, K. A. (2012). <i>World Politic : Interests, Interactions, Institutions (2<sup>nd</sup> ed.)</i>. W. W. Norton &amp; Company, New York.</li> </ol>
Soft Skills	CT1, CT2, CT3 EM1, EM2
Assessment	Continuous Assessment : 40% Final Examination : 60%

## 4. APPLIED STATISTICS

### SURVEY AND SAMPLING METHODS

<b>EIE2001</b> 3 Credits	<b>SURVEY AND SAMPLING METHODS</b>
Pre-requisite	EIA1006 STATISTICS II
Learning Outcomes	<p>At the end of the course, the students are able to:</p> <ol style="list-style-type: none"> <li>1. explain different sampling design and data collection methods for surveys;</li> <li>2. apply probability sampling techniques;</li> <li>3. operationalize survey;</li> <li>4. analyze survey data; and</li> <li>5. report the survey findings.</li> </ol>
Synopsis	<p>This course is designed to enhance students' knowledge in sampling and survey methods. Part one introduces students to various stages of a survey including planning, coverage, methods of data collection and questionnaire design.</p> <p>Part two covers various probability sampling techniques (such as simple random sampling, stratified random sampling, cluster sampling and systematic sampling), and non-probability sampling techniques.</p> <p>Students will also learn the basic techniques in analyzing survey data and report writing.</p>
References	<ol style="list-style-type: none"> <li>1. Babbie, E. (2011), <i>The Basics of Social Research</i>, (5<sup>th</sup> ed.), Wadsworth Publishing Company.</li> <li>2. Babbie, E. (2010), <i>The Practise of Social Research</i>, (12<sup>th</sup> ed.), Wadsworth Publishing Company.</li> <li>3. Scheaffer, R.L., Mendenhall, W. &amp; Ott Lyman. (2006). <i>Elementary Survey Sampling</i>, (6<sup>th</sup> ed.), Wadsworth Publishing Company, Boston.</li> </ol>
Soft Skills	CS1, CS2, CT5
Assessment	<p>Continuous Assessment : 50%</p> <p>Final Examination : 50%</p>

<b>EIE2002</b> 3 Credits	<b>BUSINESS COMPUTING</b>
Pre-requisite	None
Learning Outcomes	<p>At the end of this course, the students are able to:</p> <ol style="list-style-type: none"> <li>1. identify the different components of information technology in business;</li> <li>2. use basic software applications for business; and</li> <li>3. develop an information system for business.</li> </ol>
Synopsis	<p>This course aims to introduce students to the important components in information technology architecture, including hardware, software, database, and networks. This course exposes students to the process of building a business information system. It also equips them with the knowledge of using various software applications to build a business information system.</p>
References	<ol style="list-style-type: none"> <li>1. Shelley G., Alicia V, Geoghan D. (2013). <i>Go! With Microsoft Excel 2013 Comprehensive</i>. Prentice Hall.</li> <li>2. Grauer, R., Mary A. Poatsy, Keith Mulbery, Jason Davidson (2013). <i>Exploring: Microsoft Excel 2013, Comprehensive</i>. New Jersey: Prentice Hall.</li> <li>3. Grauer, R.T., Barber, M., Hulett, M., Krebs, C., Lockley, M., Scheeren, J &amp; Mulbery, K. (2011). <i>Exploring Microsoft Office Excel Comprehensive 2010, Volume 1 and Student CD (v. 1)</i>. New Jersey: Prentice Hall.</li> <li>4. John Walkenbach (2013). <i>Microsoft Excel 2013 Bible</i>. Wiley.</li> </ol>
Soft Skills	CS1, CS2 CT3
Assessment	<p>Continuous Assessment : 40%</p> <p>Final Examination : 60%</p>



<b>EIE2003</b> 3 Credits	<b>DATA ANALYSIS</b>
Pre-requisite	EIA1006 STATISTICS II & EIA2006 BASIC ECONOMETRICS
Learning Outcomes	<p>At the end of this course, the students are able to:</p> <ol style="list-style-type: none"> <li>1. prepare data for analysis;</li> <li>2. interpret results; and</li> <li>3. report the findings of the analysis.</li> </ol>
Synopsis	<p>The course focuses on validating, processing and analysis of data using statistical software.</p> <p>Topics covered include data entry, checking for inconsistencies, generating new variables, obtaining descriptive statistics/cross-tabulations/charts, hypothesis testing and introduction to multivariate analysis.</p>
References	<ol style="list-style-type: none"> <li>1. Carver R.H. and Nash J.G. (2012). <i>Doing Data Analysis with SPSS Version 18</i>. (5<sup>th</sup> ed.). Thomson.</li> <li>2. Sweet, S and Martin, K.G. (2012). <i>Data Analysis with SPSS: A First Course in Applied Statistics</i>. (4<sup>th</sup> ed.). Pearson.</li> <li>3. Marija J. Norusis. (2009). <i>SPSS 17.0 Guide to Data Analysis</i>. Pearson.</li> <li>4. Pallant, J. (2010). <i>SPSS Survival Manual: a step by step guide to data analysis using the SPSS program</i>. (4<sup>th</sup> ed.). Allen &amp; Unwin.</li> </ol>
Soft Skills	CS1, CS2, CT2, CT5
Assessment	<p>Continuous Assessment : 50%</p> <p>Final Examination : 50%</p>

<b>EIE2004</b> 3 Credits	<b>MANAGEMENT SCIENCE</b>
Pre-requisite	EIA1006 STATISTICS II & EIA1007 ELEMENTARY MATHEMATICS
Learning Outcomes	<p>At the end of this course, the students are able to:</p> <ol style="list-style-type: none"> <li>1. discuss modelling techniques and problem-structuring methods;</li> <li>2. apply the problem structuring methods to structure, implement and solve a range of quantitative models; and</li> <li>3. apply management science techniques in managerial context and decision making.</li> </ol>
Synopsis	<p>The course introduces the students to the areas of management science and focuses on specific quantitative methods and models for the analysis and optimisation of complex problems in public administration, economics and business. The methods investigated include linear programming, project scheduling, decision analysis, queuing analysis, and inventory management. Students will also be introduced to computer software for solving the quantitative models.</p>
References	<ol style="list-style-type: none"> <li>1. Bernard W. Taylor III. 2013. <i>Introduction to Management Science</i>. 11<sup>th</sup> edition. Prentice-Hall.</li> <li>2. Winston W. L. and Albright, S.C. 2016. <i>Practical Management Science</i>. 5<sup>th</sup> edition. South-Western Cengage Learning.</li> </ol>
Soft Skills	<p>CS1, CS2, CS3 CT1, CT2, CT3</p>
Assessment	<p>Continuous Assessment : 40% Final Examination : 60%</p>

## DEMOGRAPHIC TECHNIQUES AND APPLICATIONS

<b>EIE2005</b> 3 Credits	<b>DEMOGRAPHIC TECHNIQUES AND APPLICATIONS</b>
Pre-requisite	EIA1005 STATISTICS I
Learning Outcomes	<p>At the end of the course, the students are able to:</p> <ol style="list-style-type: none"> <li>1. explain the demographic patterns and processes;</li> <li>2. apply demographic methods and data appropriately;</li> <li>3. interpret the output of demographic analysis appropriately; and</li> <li>4. relate population dynamics to socio-economic development.</li> </ol>
Synopsis	<p>The course covers basic demographic concepts and their application for the following topics:</p> <ol style="list-style-type: none"> <li>1. Sources of demographic data;</li> <li>2. Basic demographic measures: mortality, fertility, nuptiality and migration;</li> <li>3. Life tables;</li> <li>4. Population estimation and projection; and</li> <li>5. Inter-relationship between demography and socio-economic variables</li> </ol> <p>Statistical software is used for the computation of demographic measures, population projection.</p>
References	<ol style="list-style-type: none"> <li>1. Rowland, D.T. (2008). <i>Demographic Methods and Concepts</i>. Oxford University Press.</li> <li>2. Hinde, Andrew. (2007). <i>Demographic Methods</i>. Hodder Arnold Publication.</li> <li>3. Preston, S.H. (2000). <i>Demography: Measuring and Modelling Population Processes</i>. Blackwell Publishing.</li> <li>4. Siegel, Jacob. (2001). <i>Applied Demography: Applications to Business, Government, Law and Public Policy</i>. Elsevier Academic Press.</li> <li>5. Siegel, J.S and Swanson, D.A. (2009). <i>The Methods and Materials of Demography</i>, Elsevier Academic Press.</li> </ol>
Soft Skills	CS1, CS2, CS3 TS1, TS2 LL1, LL2
Assessment	Continuous Assessment : 40% Final Examination : 60%

<b>EIE3001</b> 3 Credits	<b>ADVANCED STATISTICS</b>
Pre-requisite	EIA1006 STATISTICS II
Learning Outcomes	<p>At the end of this course, the students are able to:</p> <ol style="list-style-type: none"> <li>1. use the probabilistic methods to evaluate the probabilities of numerical events;</li> <li>2. use probabilistic models for making inferences about a population based on information contained in a sample;</li> <li>3. apply statistical theory in solving practical problems in the real world</li> </ol>
Synopsis	<p>This course is designed to introduce the student to the theory of statistics. Topics include the concept of random variables, joint, marginal and conditional probability distributions, moments, moment-generating functions, distribution functions of random variables, order statistics, methods of estimation and properties of an estimator.</p>
References	<ol style="list-style-type: none"> <li>1. Wackerly D. D, Mendenhall W &amp; Scheaffer, R. L. 2007. <i>Mathematical Statistics with Applications</i>. (7<sup>th</sup> ed.) Duxbury.</li> <li>2. Miller, I. &amp; Miller M. 2003. <i>John E. Freund's Mathematical Statistics</i>. (5<sup>th</sup> ed.) Pearson.</li> <li>3. Larsen, R. J. &amp; Marx, M. L. 2010. <i>An introduction to Mathematical Statistics and Its Applications</i>. (5<sup>nd</sup> ed.) Pearson.</li> <li>4. Doane, D. P. &amp; Seward, L. E. 2008. <i>Applied Statistics in Business and Economics</i>. (2<sup>nd</sup> ed.). McGraw-Hill Higher Education.</li> </ol>
Soft Skills	CS1, CS2 CT5
Assessment	<p>Continuous Assessment : 40%</p> <p>Final Examination : 60%</p>

<b>EIE3002</b> 3 Credits	<b>TIME SERIES ANALYSIS</b>
Pre-requisite	EIA2006 BASIC ECONOMETRICS
Learning Outcomes	<p>At the end of this course, the students are able to:</p> <ol style="list-style-type: none"> <li>1. identify patterns in time series data;</li> <li>2. analyze the characteristics and behaviour of time series data;</li> <li>3. develop various models for forecasting; and</li> <li>4. evaluate the results arising from the application of time series analysis in business, economics and administration.</li> </ol>
Synopsis	<p>The course covers concepts and their application in business, economics and administration for the following topics:</p> <ol style="list-style-type: none"> <li>1. Patterns in time series data</li> <li>2. Deterministic time series models</li> <li>3. Stochastic time series models</li> <li>4. Model selection and evaluation</li> <li>5. Forecast evaluation</li> </ol>
References	<ol style="list-style-type: none"> <li>1. Makridakis, S., S.C. Wheelwright and Hyndman. 1998. <i>Forecasting: Methods &amp; Applications</i>. New York: Wiley.</li> <li>2. Deibold F.X., <i>Elements of Forecasting</i>, 4<sup>nd</sup> Edition, South-Western, Thomson Learning, 2007.</li> <li>3. Gujarati, D. N., 2003. <i>Basic Econometrics</i>. 4<sup>th</sup> Edn. New York: McGraw-Hill</li> <li>4. Mohd. Alias Lazim. (2011). <i>Introductory Business Forecasting - A Practical Approach</i>. 3<sup>rd</sup> Edn., UPENA UiTM.</li> </ol>
Soft Skills	<p>CS1 CT1, CT2, CT5</p>
Assessment	<p>Continuous Assessment : 50% Final Examination : 50%</p>

<b>EIE3003</b> 3 Credits	<b>ECONOMETRIC ANALYSIS</b>
Pre-requisite	EIA2006 BASIC ECONOMETRICS
Learning Outcomes	<p>At the end of the course, the students are able to:</p> <ol style="list-style-type: none"> <li>1. estimate econometric models;</li> <li>2. use econometric software and models for estimations, inference and predictions;</li> <li>3. evaluate the results from the applications of econometric analysis; and</li> <li>4. draw valid conclusions from the results of the analysis.</li> </ol>
Synopsis	<p>This course covers the classical regression model using matrix approach. Diagnostic testing and problems of estimation (multicollinearity, heteroscedasticity, and autocorrelation) are discussed in the context of the relaxation of classical assumptions. Advanced topics on single-equation system cover independent and dependent dummy variables as well as distributed lag and autoregressive models. This course is taught using analytical and empirical approaches through the use of statistical software.</p>
References	<ol style="list-style-type: none"> <li>1. Gujarati, D and D.C. Porter, 2009, <i>Basic Econometrics</i>, 5<sup>th</sup> ed., McGraw-Hill.</li> <li>2. Stock, J.H., and M.W. Watson, 2007, <i>Introduction to Econometrics</i>, 2<sup>nd</sup> ed., Pearson.</li> <li>3. Wooldridge, J. M. 2003. <i>Introductory Econometrics: A Modern Approach</i>, 2<sup>nd</sup> ed., Thompson Learning.</li> <li>4. Pyndick, R. S. &amp; Rubinfeld, D. L. 1991. <i>Econometric Models and Economic Forecasts</i>, 3<sup>rd</sup> ed., McGraw-Hill.</li> </ol>
Soft Skills	CS1, CS2 CT5
Assessment	<p>Continuous Assessment : 40%</p> <p>Final Examination : 60%</p>

<b>EIE3004</b> 3 Credits	<b>ACTUARIAL MATHEMATICS</b>
Pre-requisite	EIA1006 STATISTICS II
Learning Outcomes	<p>At the end of this course, the students are able to:</p> <ol style="list-style-type: none"> <li>1. describe the various measurement of interest and survival distribution;</li> <li>2. analyze the present value and accumulated value of cash flow for various types financial instruments;</li> <li>3. evaluate the best option for specific financial problems.</li> </ol>
Synopsis	<p>This course exposes students to the fundamental of actuarial science. The first part of the course covers various topics in financial mathematics such as simple/compound interest, discount, nominal/effective rates of interest, constant/varying force of interest, equivalent measures of interest, yield rate, equation of value, present value/future value/net present value, annuity certain (immediate and due), perpetuity (immediate and due), inflation, bonds, amortization and sinking funds. The second part of the course covers survival distributions, the use of mortality tables and the basic life contingencies definition. Life annuities and life insurance will also be covered.</p>
References	<ol style="list-style-type: none"> <li>1. Kellison, S.G. (2008). <i>Theory of Interest</i>. (3<sup>rd</sup> ed.). McGraw- Hill / Irwin.</li> <li>2. Bowers, N.L., Gerber, H.U., Hickman, J.C., Jones, D.A., and Nesbitt, C.J. (1997). <i>Actuarial Mathematics</i>. (2<sup>nd</sup> ed.). Society of Actuaries.</li> </ol>
Soft Skills	CS1 CT3, CT5
Assessment	<p>Continuous Assessment : 50%</p> <p>Final Examination : 50%</p>

<b>EIE3005</b> 3 Credits	<b>STATISTICAL COMPUTING</b>
Pre-requisite	None
Learning Outcomes	<p>At the end of this course, the students are able to:</p> <ol style="list-style-type: none"> <li>1. summarize statistical information from databases ;</li> <li>2. construct procedures for statistical analysis using selected computer languages; and</li> <li>3. apply statistical analysis and graphical analysis on real data set.</li> </ol>
Synopsis	<p>This course exposes student to the use of programming to extract statistical information from databases. Programming concepts and databases are taught using computer software. Programming concepts include topics like data types, programming structure, built in functions and programmer defined procedures. Database concepts include database development, records, data manipulation, reporting and queries. These concepts are used to develop an information system that links programmes to databases.</p>
References	<ol style="list-style-type: none"> <li>1. Alain F. Zuur et al. (2009). <i>A Beginner's Guide to R</i>. Springer.</li> <li>2. Horton, N.J. &amp; Horton, N.J. &amp; K. (2011). <i>Using R for Data Management, Statistical Analysis, and Graphics</i>. Taylor and Francis Group.</li> <li>3. Phil Spector (2008). <i>Data Manipulation with R</i>. Springer.</li> <li>4. W. John Braun and Duncan J. Murdoch (2007). <i>A First Course in Statistical Programming with R</i>. Springer.</li> <li>5. A. Ohri (2012). <i>R for Business Analytics</i>. Springer.</li> </ol>
Soft Skills	CS1, CS2, CS4
Assessment	<p>Continuous Assessment : 50%</p> <p>Final Examination : 50%</p>



<b>EIE3006</b> 3 Credits	<b>FINANCIAL ECONOMETRICS</b>
Pre-requisite	EIA2006 BASIC ECONOMETRICS
Learning Outcomes	<p>At the end of this course, the students are able to:</p> <ol style="list-style-type: none"> <li>1. apply econometric techniques designed for financial time series;</li> <li>2. conduct financial theory analysis based on these techniques;</li> <li>3. evaluate the results from the analysis; and</li> <li>4. draw valid conclusions for financial decision making.</li> </ol>
Synopsis	<p>The course introduces the methods of construction of stock market indices, computation of returns with adjustment on capital changes and estimations of betas. The concepts of forecast errors, tests of market efficiency and analysis of daily stock price behaviour are discussed. The concepts of spurious regression, stochastic process, stationarity and order of integration are introduced. VAR modelling, impulse response function, variance decomposition, causality test, cointegration, error correction mechanism and ARCH models are discussed. These techniques are taught using a variety of financial models.</p>
References	<ol style="list-style-type: none"> <li>1. Brooks, C. (2014). <i>Introductory Econometrics for Finance</i>. 3<sup>rd</sup> ed. Cambridge.</li> <li>2. Kok, K.L. and Goh, K.L. (1995). <i>Malaysian Securities Market: Indicator, Risk, Return, Efficiency and Inter-market Dependence</i>. Pelanduk Publications.</li> <li>3. Enders, W. (2014) <i>Applied Econometric Time Series</i>. 4<sup>th</sup> ed. John Wiley.</li> <li>4. Campbell, J., Lo, A.W. and MacKinlay, A.C. (1997). <i>The Econometrics of Financial Markets</i>. Princeton University Press.</li> <li>5. Tan, H.B. and Hooy, C.W. (2005). <i>Understanding the Behavior of the Malaysian Stock Market</i>. Universiti Putra Malaysia Press. .</li> <li>6. Asteriou, D. and Hall, S.G. (2011). <i>Applied Econometrics</i>, 2<sup>nd</sup> ed. Palgrave.</li> </ol>
Soft Skills	CS1, CS2 CT1, CT2, CT5 LL1
Assessment	Continuous Assessment : 40% Final Examination : 60%

<b>EIE3007</b> 3 Credits	<b>EXPERIMENTAL DESIGN</b>
Pre-requisite	EIA1006 STATISTICS II
Learning Outcomes	<p>At the end of this course, the students are able to:</p> <ol style="list-style-type: none"> <li>1. apply the basic principles in the design of experiments;</li> <li>2. apply different experimental designs;</li> <li>3. analyse the results of an experiment; and</li> <li>4. draw valid conclusions from the analysis.</li> </ol>
Synopsis	This course exposes students to basic designs that are used in experiments as well as related statistical analyses. These include tests for assumptions, transformation, multiple comparisons and non-parametric tests. The topics also cover factorial designs, which include blocking and confounding.
References	<ol style="list-style-type: none"> <li>1. Montgomery, D.C., (2009) <i>Design and Analysis of Experiments</i>. 7<sup>th</sup> ed. New York: John Wiley.</li> <li>2. Ryan, T.P., (2007). <i>Modern Experimental Design</i>, New York: Wiley-Interscience.</li> <li>3. Kuehl, R.O., (1994). <i>Statistical Principles of Research Design and Analysis</i>, Belmont : Duxbury Press.</li> <li>4. Petersen, (1985). <i>R.G. Design and Analysis of Experiments</i>. New York: Marcel Dekker, Inc.,.</li> </ol>
Soft Skills	CT1, CT2, CT3 LL1, LL2 EM1, EM2
Assessment	Continuous Assessment : 40% Final Examination : 60%

## ELECTIVE COURSES OFFERED BY OTHER FACULTIES (KELF)

### INTRODUCTORY ECONOMICS

<b>GIE1001</b> 3 Credits	<b>INTRODUCTORY ECONOMICS</b>
Pre-requisite	None
Learning Outcomes	<p>At the end of the course, students are able to:</p> <ol style="list-style-type: none"> <li>1. explain basic economic concepts and principles;</li> <li>2. relate economic discipline to real life problems; and</li> <li>3. examine how economic systems function.</li> </ol>
Synopsis	<p>The course introduces the fundamental theories of microeconomics and macroeconomics, specially designed for students who have no basic in economics. This course will first focus on the introduction of various relevant theories. It will then be followed by the application of the theories to decision making process, either at the levels of individuals, firms, industries or economies.</p> <p>Among the microeconomics topics to be discussed are production possibilities frontier, demand, supply, market equilibrium, elasticity of demand and supply, consumer choice theory, production and cost, perfect competition, monopoly monopolistic competition and oligopoly. Topics included in the macroeconomics are discussion on gross domestic product, standard of living, consumer price index, cost of living, unemployment, economic growth, monetary system, aggregate demand and supply, business cycle, fiscal policy and monetary policy.</p>
References	<ol style="list-style-type: none"> <li>1. Bade R. and Parkin M., (2012). <i>Foundations of Economics</i>. New York: Addison Wesley.</li> <li>2. McEachern, W. A., (2009). <i>Economics Principles</i>. Boulevard: Cengage Learning</li> <li>3. Mankiw, G., (2007). <i>Principles of Economics</i>, Thomson, International Edition.</li> </ol>
Soft Skills	CS1, CS2, CS3 CT1, CT2, CT3
Assessment	<p>Continuous Assessment : 40%</p> <p>Final Examination : 60%</p>

<b>GIE2001</b> 2 Credits	<b>ELEMENTARY STATISTICS</b>
Pre-requisite	None
Learning Outcomes	At the end of this course, the students are able to: <ol style="list-style-type: none"> <li>1. explain basic concepts in statistical analysis;</li> <li>2. apply basic techniques of statistical analysis to data set;</li> <li>3. analyse a set of data using appropriate statistical techniques and software.</li> <li>4. interpret the results of statistical analysis</li> </ol>
Synopsis	The course covers basic statistical concepts and their application in analyzing a set of data which include the following topics: <ol style="list-style-type: none"> <li>1. Source &amp; Types of data</li> <li>2. Data Collection</li> <li>3. Data Presentation</li> <li>4. Descriptive &amp; Inferential Statistics</li> <li>5. Basic Probability</li> </ol>
References	<ol style="list-style-type: none"> <li>1. Levine, DM; Stephan, D; Krehbiel, TC and Berenson, M.L, (2013). <i>Statistics for Managers Using Microsoft Excel</i>, 7<sup>th</sup> Edition, Prentice Hall, Singapore</li> <li>2. Bernard V. Liengme, (2016). <i>A guide to Microsoft Excel 2013 for Scientist and Engineers</i>, Academic Press/Elsevier, Amsterdam</li> </ol>
Soft Skills	CS1, CS2, CS3, CT1, CT2 TS1, TS2
Assessment	Continuous Assessment : 50% Final Examination : 50%

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**DIRECTORY OF ACADEMIC STAFF**  
**(Qualifications and Expertise)**

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<b>Department of Economic</b>						
1.	Assoc. Prof. Dr. Santha Chenayah @ Ramu <b>(Head of Department)</b>	C11	3761 / 3746	Santha	PhD, MEc (Osaka), BEc (Mal)	<ul style="list-style-type: none"> <li>• Macroeconomics</li> <li>• Environmental Economics</li> <li>• Operations Research (Management Science)</li> </ul>
2.	Professor Dr. Tan Eu Chye	2-42	3731	Tanec	PhD (Warwick), MEc (Mal), BsocSc (USM)	<ul style="list-style-type: none"> <li>• Monetary Economics</li> <li>• International Trade</li> <li>• Development Economics</li> </ul>
3.	Professor Dr. Fatimah Kari	2-11	3661	fatimah_kari	PhD (MSU), MEc (Leicester), BEc (UKM)	<ul style="list-style-type: none"> <li>• International Trade and Environmental</li> <li>• Resource and Environmental Economics</li> <li>• Macroeconomics/ Microeconomics</li> </ul>
4.	Professor Dr. M Niaz Asadullah	C06	3733	m.niaz	PhD & MSc (Oxon), MA (Dhaka), BA (Aligarh)	<ul style="list-style-type: none"> <li>• Development Economics</li> <li>• Microfinance</li> <li>• Economics of Education</li> <li>• Labor Economics</li> <li>• Applied Micro-Econometrics</li> </ul>
5.	Professor Dr. Evelyn Shyamala Paul Devadason	E18	3726	evelyns	PhD (Mal), MSocSc (NUS), BEc (Mal)	<ul style="list-style-type: none"> <li>• International Trade</li> <li>• Regional Integration</li> </ul>
6.	Assoc. Prof. Dr. Kwek Kian Teng	D10	3655	ktkwek	PhD (Monash), MEc, BEc (Mal)	<ul style="list-style-type: none"> <li>• Macroeconomics</li> <li>• International Macroeconomics</li> <li>• Applied Econometrics</li> </ul>
7.	Assoc. Prof. Dr. Yong Chen Chen	B26	3687	ccyong	PhD, MEc, BSc (UPM)	<ul style="list-style-type: none"> <li>• International Trade</li> <li>• Social Accounting Matrix</li> </ul>
8.	Dr. Mohamed Aslam Gulam Hassan	C17	3605	maslam	PhD (HiroshimaCU), PhD, MEc (Mal), BSocSc (USM), ASP (Kiel)	<ul style="list-style-type: none"> <li>• International Trade</li> <li>• Regional Economic Cooperation</li> <li>• International Macroeconomics</li> <li>• Post-Keynesian Economics (Heterodox Economics)</li> <li>• Macroeconomics</li> <li>• Foreign Direct Investment, Economic Growth, ASEAN Economy, CHINA Studies</li> </ul>
9.	Dr. Zarinah Yusof	C35	3609	zarinahy	PhD (UPM), MEc, BEc (Mal)	<ul style="list-style-type: none"> <li>• Macroeconomics</li> <li>• Financial Economics</li> <li>• Development Economics</li> </ul>
10.	Dr. Roza Hazli Zakaria <b>Deputy Dean (Undergraduate)</b>	B34	3653/ 3621	roza	PhD (UKM), MEc, BEc (Mal)	<ul style="list-style-type: none"> <li>• Household Economics</li> <li>• Islamic Economics and Banking</li> </ul>
11.	Dr. Nurulhuda Mohd Satar	B33	3656	nurulhuda	PhD (UWM), MEc, BEc (Mal)	<ul style="list-style-type: none"> <li>• Household Economics</li> <li>• Microeconomics</li> </ul>
12.	Dr. Yong Sook Lu	2-13	3717	yongsl	PhD (Lancaster), MEc, BEc (Mal)	<ul style="list-style-type: none"> <li>• Industrial Organisation</li> <li>• Microeconomics</li> </ul>
13.	Dr. Lim Kian Ping <b>Deputy Dean (Research &amp; Development)</b>	E08	3666/ 3601/ 3633	kianpinglim	PhD (Monash), MSc (UPM), BBA (UKM)	<ul style="list-style-type: none"> <li>• Financial Economics</li> </ul>

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14.	Dr. Tang Tuck Cheong	E14	3628	tangtuckcheong	PhD (Monash), MSc, BEc (UUM)	<ul style="list-style-type: none"> <li>• International Trade</li> <li>• Macroeconomics</li> <li>• International Economics</li> </ul>
15.	Dr. Ong Sheue Li	E02	3699	ongsl	PhD (YNU), MSc (UMS), BSc (UMT)	<ul style="list-style-type: none"> <li>• International Economics</li> <li>• Applied Econometrics</li> </ul>
16.	Dr. Pui Kiew Ling	E09	3732	puikiewlingkt	PhD (UKM), MSc (UKM), BSc (UMS)	<ul style="list-style-type: none"> <li>• Computable General Equilibrium Modeling</li> </ul>
17.	Mr. Saad Mohd Said	2-02	3640	saadms	MSc (Lond), BEc (Mal)	<ul style="list-style-type: none"> <li>• Macroeconomics</li> <li>• Industrial Economics</li> <li>• Financial Markets</li> </ul>
18.	Mr. Chong Chin Sieng	E01	3672	cschong	MEc, BEc (Mal)	<ul style="list-style-type: none"> <li>• Financial Economics</li> <li>• Microeconomics</li> <li>• Macroeconomics</li> <li>• National Financial</li> </ul>
19.	Mdm. Nor Hasniah Kasim	B22	3639	norhasniah	MEc (UKM), BEc (Mal)	<ul style="list-style-type: none"> <li>• International Trade Theory</li> <li>• International Finance</li> </ul>
<b>Department of Development Studies</b>						
1.	Dr. Sharifah Muhaiah Shahabudin <i>(Head of Department)</i>	E23	3729/ 3750	muhaiah	PhD (Mal), MSc (UiTM), BA (UC, NZ)	<ul style="list-style-type: none"> <li>• Economic Social Status &amp; Education</li> <li>• Development Psychology</li> <li>• Development Sociology</li> </ul>
2.	Assof. Prof. Dr. V.G.R. Chandran Govindaraju	C05	3706	vgrchandran	PhD (Mal), M.Env.Econ., BA (UKM)	<ul style="list-style-type: none"> <li>• Industrial Development</li> <li>• Innovation Economics</li> </ul>
3.	Assoc. Prof. Dr. Baskaran Angathevar	E20	3607	baskaran	DPhil (Sussex), MSc (Middlesex), MPhil (JNU), MA (Punjab), MA (Madurai)	<ul style="list-style-type: none"> <li>• Innovation Economy</li> <li>• National Innovation System</li> <li>• Science, Technology and Development</li> <li>• FDI &amp; OFD</li> <li>• Entrepreneurship and Financial Small Business management</li> <li>• Business Incubator</li> </ul>
4.	Dr. Azmah Hj. Othman <i>Deputy Dean (Higher Degree)</i>	B25	3675/ 3749	g3azmah	PhD (Mal), MPhil, MSc (Wales), BEc (Mal)	<ul style="list-style-type: none"> <li>• Agricultural Economics</li> <li>• Development Economics</li> <li>• Cooperative Development</li> </ul>
5.	Dr. Muhammad Mehedi Masud	2-03	3630	mehedi	PhD (Mal), MSS, BSS (IIUM)	<ul style="list-style-type: none"> <li>• Environment &amp; Development Economics</li> <li>• General Management</li> <li>• Organizational Communication</li> </ul>
6.	Dr. Sonia Kumari Selvarajan	E16	3727	soniakumari	PhD (UNIMAS), MEc, BEc (UKM)	<ul style="list-style-type: none"> <li>• Research Methodology</li> <li>• Agriculture Development</li> <li>• Financial Development and Inclusion</li> </ul>
7.	Mdm. Nur Annizah Ishak	B31	3723	annizah	MA (UMKC), MEc, BEc (UKM)	<ul style="list-style-type: none"> <li>• Development Economics</li> <li>• Crime Economic</li> <li>• Sociology</li> <li>• Tourism Economics</li> </ul>



No.	Name/Position	Room No.	Tel. Ext.	Email @um.edu.my	Qualifications	Expertise
<b>Department of Administrative Studies &amp; Politics</b>						
1.	Assoc. Prof. Dr. Kuppusamy Singaravelloo ( <i>Head of Department</i> )	B20	3678/ 3748	kuppusamy_s	PhD(UPM), MPA(Mal), BSc(Mal)	<ul style="list-style-type: none"> <li>• Local Government Management and Administration</li> <li>• Public Enterprises</li> <li>• Privatisation</li> <li>• Human Resources</li> </ul>
2.	Professor Dr. Beh Loo See	2-12	3677	lucybeh	PhD(PutraUMalaysia), MA(NUMalaysia), BA(SciUMalaysia)	<ul style="list-style-type: none"> <li>• Human Resource Management</li> <li>• Public Administration</li> </ul>
3.	Professor Dr. Edmund Terence Gomez	2-39	3725	etgomez	PhD(Mal), MPhil(Mal), BA(Mal)	<ul style="list-style-type: none"> <li>• Malaysian Politics</li> <li>• Political Economy</li> <li>• Ethnic Business</li> </ul>
4.	Professor Dr. Khadijah Md Khalid	2-01	3637	dijut	PhD (Lond), MA (Calif. Santa Barbara), BA (Sonoma State)	<ul style="list-style-type: none"> <li>• Malaysian Politics</li> <li>• Comparative Politics</li> <li>• International Politics</li> <li>• Political Economy</li> <li>• Political Development, Third World Politics</li> <li>• Malaysian Foreign Relations/Policy</li> </ul>
5.	Assoc. Prof. Dr. Makmor Tumin	2-04	3690	makmor	PhD(Mal), MPA(Mal), BEc(Mal)	<ul style="list-style-type: none"> <li>• Civil Society</li> <li>• Theory and Political Thought</li> </ul>
6.	Assoc. Prof. Dr. Raja Noriza Raja Ariffin	C14	3620	rnoriza	PhD(Nottingham), MCRP(CSUF), BA(USL)	<ul style="list-style-type: none"> <li>• Urban Planning</li> <li>• Local Government</li> <li>• Transportation</li> </ul>
7.	Assoc. Prof. Dr. Yeoh Kok Kheng	E17	3670	yeohkk	PhD(Brad), MEc(Mal), BEc(Mal)	<ul style="list-style-type: none"> <li>• Political Economy (with special focus on contemporary China)</li> <li>• State, Ethnicity and Economic Development</li> <li>• Ethnopolitics in Socioeconomic Development</li> <li>• Demographic Diversity, Federalism and Fiscal Decentralization</li> </ul>
8.	Dr. Hanira Hanafi	B27	3652	hanira_hanafi	PhD (Durham), MCL, LLB(IIUM), Advocate and Solicitor of Malaya	<ul style="list-style-type: none"> <li>• Malaysian Legal System</li> <li>• Islamic Banking and Finance</li> </ul>
9.	Dr. Muhammad Asri Mohd Ali	B32	3722	muhasri	PhD(Mal), MPA(Mal), BEc(Mal)	<ul style="list-style-type: none"> <li>• Voting Behaviour</li> <li>• Political Party</li> <li>• Politics Culture</li> <li>• State-Society Relations</li> </ul>
10.	Dr. Muhammad Tawfik Yaakub	E10	3668	tawfik	PhD (UM), MA (UKM), BA (Political Science) (UKM)	<ul style="list-style-type: none"> <li>• Malaysia Politics</li> <li>• Malays Politics</li> <li>• Indonesia Politics</li> <li>• Political History</li> </ul>
11.	Dr. Nurhidayah Abdullah	B21	3727	abd_hidayah	PhD (Sydney), M.C.L., LL.B (IIUM), Advocate & Solicitor of High Court of Malaya ( <i>Non-practising</i> )	<ul style="list-style-type: none"> <li>• Contract Law</li> <li>• Business Law</li> </ul>

No.	Name/Position	Room No.	Tel. Ext.	Email @um.edu.my	Qualifications	Expertise
12.	Dr. Nur Hairani binti Abd Rahman	E19	3733	nurhairani	PhD (USM), MPS (Mal), BSocSc (Political Science) (UKM)	<ul style="list-style-type: none"> <li>Public Policy and Administration</li> <li>Policy Studies</li> </ul>
13.	Dr. Nurul Liyana binti Mohd Kamil	E21	3728	nurulliyana	PhD (USM), MBA (UiTM), BBA (HRM) (Uniten)	<ul style="list-style-type: none"> <li>Human Resource Management</li> <li>Organizational Behavior</li> <li>Public Administration</li> <li>Corporate Governance</li> </ul>
14.	En. Nawi Abdullah	E11	3604	a.nawi	MPA(Mal), BEc(Mal)	<ul style="list-style-type: none"> <li>Management</li> <li>Public Finance</li> <li>Public of Administration</li> </ul>
<b>Department of Applied Statistics</b>						
1.	Dr. Muzalwana Abdul Talib @ Abdul Mutalib <b>(Head of Department)</b>	B23	3730 / 3747	wana_am	PhD, MAppStats (Mal), BA (Hons) (Sheffield Hallam)	<ul style="list-style-type: none"> <li>Statistical Quality Control</li> <li>Service Quality</li> <li>Applied Statistics</li> <li>Multivariate Technique</li> </ul>
2.	Professor Dr. Goh Kim Leng	C34	3608	klgoh	PhD (Monash), MEc, BEc (Mal)	<ul style="list-style-type: none"> <li>Econometrics</li> <li>Financial Time Series Analysis</li> </ul>
3.	Professor Dr. Noor Azina Ismail	C33	3638	nazina	PhD (QUT), MStats, BSc (UNSW)	<ul style="list-style-type: none"> <li>Multivariate Techniques</li> <li>Medical Statistics</li> <li>Health Information System</li> <li>Mathematics of Education</li> <li>Applied Statistics</li> <li>Structural Equation Modeling</li> <li>Mixture Model</li> </ul>
4.	Assoc. Prof. Dr. Lau Wee Yeap	C38	3642	wylau	PhD (Osaka), MFE (NUS), MAppStats (Mal), MEc (Osaka), MAcc (CSU), BSocSc (Hons) (USM)	<ul style="list-style-type: none"> <li>Financial Econometrics</li> <li>Applied Econometrics</li> <li>Applied Statistics</li> <li>Finance</li> <li>Portfolio Management</li> </ul>
5.	Dr. Ahmad Farid Osman	E7	3665	faridosman	PhD (Monash), MSc, BAppSc (USM)	<ul style="list-style-type: none"> <li>Statistics</li> <li>Econometrics</li> <li>Time Series Analysis</li> </ul>
6.	Dr. Lai Siow Li <b>(Coordinator PSU)</b>	E15	3755	laisl	PhD, MAppStats, BEc (Mal)	<ul style="list-style-type: none"> <li>Demography / Population Studies</li> <li>Applied Statistics</li> <li>Survey Sampling</li> <li>SPSS Use</li> </ul>
7.	Dr. Ng Yin Mei	E18	3726	yinmei.ng	PhD (Queensland), MAppStats, BEc (Mal)	<ul style="list-style-type: none"> <li>Social Gerontology</li> <li>Population Studies</li> <li>Life Course Studies</li> <li>Quantitative and Qualitative Analysis</li> <li>Applied Statistics</li> </ul>
8.	Dr. Adilah Abdul Ghapor	E3	3764	adilahghapor	PhD (Mal), BSc (Purdue University, USA)	<ul style="list-style-type: none"> <li>Outlier Detection</li> <li>Missing Values Estimation</li> </ul>
9.	Dr. Tey Nai Peng	B28	3667	teynp	PhD (Mal), MSc (Michigan), BEc (Mal)	<ul style="list-style-type: none"> <li>Demography / Population Studies</li> <li>Applied Statistics</li> <li>Survey Sampling</li> <li>SPSS Use</li> </ul>

No.	Name/Position	Room No.	Tel. Ext.	Email @um.edu.my	Qualifications	Expertise
10.	Dr. Diana Abdul Wahab	E4	3674	diana.abdwahab	PhD (Leeds), MAppStats (Mal), BDecSc (UUM)	<ul style="list-style-type: none"> <li>• Decision Science</li> <li>• Applied Statistics</li> <li>• Data Mining</li> </ul>
11.	Dr. Soon Siew Voon	E22	3651	svsoon	PhD, MEc, BEc (UPM)	<ul style="list-style-type: none"> <li>• Applied Econometrics</li> <li>• International Finance</li> <li>• Time Series Analysis</li> </ul>

Main telephone line: 603-7967 xxxx to be followed by the last 4 digits.

## PROHIBITION AGAINST PLAGIARISM

In accordance with Section 6 of Prohibition Against Plagiarism, Part II, General Discipline, Universities and University College Act, 1971 University of Malaya (Discipline of Students) Rules 1999.

- “... 1. A student shall not plagiarize any idea, writing, data or invention belonging to another person.
2. For the purposes of this rule, plagiarism includes:
- (a) the act of taking an idea, writing, data or invention of another person and claiming that the idea, writing, data or invention is the result of one's own findings or creation; or
  - (b) an attempt to make out or the act of making out, in such a way, that one is the original source or the creator of an idea, writing, data or invention which has actually been taken from some other source.
3. Without prejudice to the generality of subrule (2) a student plagiarizes when he:
- (a) Publishes, with himself as the author, an abstract, article, scientific or academic paper, or book which is wholly or partly written by some other persons;
  - (b) incorporates himself and allows himself to be incorporated as a co-author of an abstract, article, scientific or academic paper, or book, when he has not at all made any written contribution to the abstract, article, scientific or academic paper, or book;
  - (c) forces another person to include his name in the list of co-researchers for a particular research project or in the list of co-authors for a publication when he has not made any contribution which may qualify him as a co-researcher or co-author;
  - (d) extracts academic data which are the results of research undertaken by some other person, such as laboratory findings or field work findings or data obtained through library research, whether published or unpublished, and incorporate those data as part of his academic research without giving due acknowledgement to the actual source;
  - (e) uses research data obtained through collaborative work with some other person, whether or not that other person is a staff member of a student of the University, as part of another distinct personal academic research of his, or for a publication in his own name as sole author, without obtaining the consent of his co-researchers prior to embarking on his personal research or prior to publishing the data;
  - (f) transcribes the ideas or creations of others kept in whatever form, whether written, printed or available in electronic form, or in slide form, or in whatever form of teaching or research apparatus, or in any other form, and claims whether directly or indirectly that he is the creator of that idea or creation;
  - (g) translates the writing or creation of another person from one language to another whether or not wholly or partly, and subsequently presents the translation in whatever form or manner as his own writing or creation; or
  - (h) extracts ideas from another person's writing or creation and makes certain modifications without due reference to the original source and rearranges them in such a way that it appears as if he is the creator of those ideas . ...”

## COMPUTER LAB RULES

### 1. Opening hours:

#### Regular Working Hours:

<b>Monday - Thursday</b>	8.30 am	-	1.00 pm
	2.00 pm	-	5.30 pm
Lunch Break	1.00 pm	-	2.00 pm
<b>Friday</b>	8.30 am	-	12.15 pm
	2.45 pm	-	5.30 pm
Lunch Break	12.15pm	-	2.45 pm

#### Additional Hours during Semester:

<b>Monday - Friday</b>	5.30 pm	-	9.30 pm
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2. Only the students from the Faculty of Economics and Administration are allowed to use the computer lab. Students are required to display their student registration card while in the computer lab.
3. Students are required to ensure that USB flash drive / external hard disk and data are virus free.
4. Students must always ensure the cleanliness and the safety of the hardware in the computer lab including table, chair and other equipment.
5. Students must report any damages of the hardware and the furniture to the lab attendant.
6. Students must always dress neatly while in the lab. Students are prohibited from wearing slippers, shorts or revealing dresses.
7. **STUDENTS ARE PROHIBITED FROM:**
  - (1) Copying or installing any software from/to the hard disc in the computer lab
  - (2) Bringing bags or friends and students from other faculties or other universities into the computer lab.
  - (3) Using hand phones, making noise or disturbing other users in the lab.
  - (4) Smoking and bringing food and drinks into the computer lab.
  - (5) Playing Games, Chatting & Watching Porn.
  - (6) Download Movie, heavy file & unfamiliar software.
8. The Faculty will not be responsible for any accident resulting from irresponsible behaviour and for the loss of valuables being left outside the lab.

## FACILITIES

The basic facilities that are available at the FEA include the following:

Facilities	Numbers	Location/Block
Computer Lab	3	<ul style="list-style-type: none"> <li>• Ground Floor, Postgraduate Building (H12)</li> <li>• Ground Floor, New Additional Building (H08)</li> <li>• Level 1, Additional Building (H08)</li> </ul>
FEA Auditorium	1	H11
FEA Hall	1	Additional Building (H09)
Lecture Hall	4	DK1, DK2, DK4 & DK5 (H11)
Meeting Room	2	<ul style="list-style-type: none"> <li>• Level 1, Administration Building (H10)</li> <li>• Ground Level, New Additional Building (H09)</li> </ul>
Consultation Room	1	Ground Level, Administration Building (H10)
Conference Room	2	<ul style="list-style-type: none"> <li>• Level 3, Postgraduate Building (H12)</li> </ul>
Seminar Room	25	<ul style="list-style-type: none"> <li>• Level 3, Postgraduate Building (H12)</li> <li>• New Additional Building (H09)</li> <li>• New Additional Building (H08)</li> </ul>
Cafeteria	1	<ul style="list-style-type: none"> <li>• Ground Level, Postgraduate Building (H12)</li> </ul>
Prayer Room	6	<p>Men:</p> <ul style="list-style-type: none"> <li>• Level 3, Administration Building (H10)</li> <li>• Ground Level, Additional Building (H08)</li> <li>• Ground Level, Postgraduate Building (H12)</li> </ul> <p>Ladies:</p> <ul style="list-style-type: none"> <li>• Level 3, Administration Building (H10)</li> <li>• Ground Level, Additional Building (H08)</li> <li>• Ground Level, Postgraduate Building (H12)</li> </ul>
Student Resources Room	1	<ul style="list-style-type: none"> <li>• Level 1, Postgraduate Building (H12)</li> </ul>

## **STUDENT AWARDS**

### **UNIVERSITY BOOK PRIZE**

Is awarded to students who graduate with Honors (Distinction) and obtain a CGPA of 3.70 and above.

### **HARCHARAN SINGH KHERA MEMORIAL AWARD**

Is awarded to the best student of Bachelor of Economics in specialization of Economics. The recipient will be presented with books worth RM200.00.

### **DOH DAIK SENG MEMORIAL AWARD**

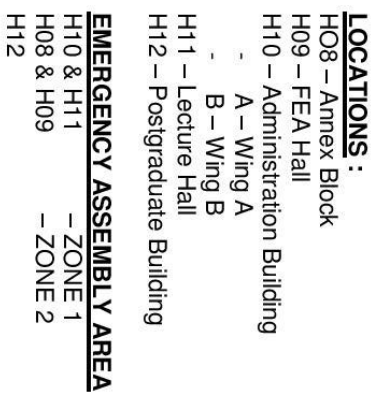
Is awarded to the best student of Bachelor of Economics in specialization of Administrative Studies and Politics. The recipient will be presented with books worth RM200.00.

### **CIMB ACHIEVEMENT AWARD**

Is awarded to two (2) third year students in the Bachelor of Economics program that have completed five semester with minimum CGPA of 3.30 and above and active in extra-curriculum and/or community work.

The recipient will presented with a cash worth RM700.00 and offered internship opportunity in CIMB Group Holding Berhad.

A diagram showing three rectangular components arranged in a triangular pattern. The central component is labeled 'H12' in bold black text. The components are connected by lines, suggesting they are part of a single assembly.





<p><b><u>H08 – FEA Annex Building</u></b></p> <p><b>Ground Floor</b> Student Computer Lab, Male Surau</p> <p><b>Level 1</b> Learning Computer Lab (G2 &amp; G3) &amp; Female Surau</p> <p><b>Level 2</b> PhD Room</p> <p><b><u>H09 – FEA Hall</u></b></p> <p><b>Ground Floor</b> Seminar Room, Social Wellbeing Research Centre (SWRC), SWRC/PEM Meeting Room, Econocube &amp; FEA Hall</p> <p><b>Level 1</b> Researcher Room, Visiting Professor Room, Malaysian Economic Association (PEM)</p>	<p><b><u>H10 – Administration Building</u></b></p> <p><b>Lower Ground</b> Store Room</p> <p><b>Ground</b> FEA Concourse, Academic Office (Undergraduate &amp; Postgraduate), Lecturer Room &amp; Consultation Room</p> <p><b>Level 1</b> Dean's Office, Deputy Dean's Office (Research &amp; Development), Head of Departments Office, Principal Assistant Registrar Room &amp; Administration Office</p> <p><b>Level 2</b> Lecturer Room (D6 – D10), Centre for Poverty &amp; Development Studies (CPDS) Office, KITA Room &amp; Female Surau</p> <p><b>Level 3</b> Lecturer Room (E1-E20), PhD Room (E23 – E30), Male Surau</p> <p><b><u>A – Wing A</u></b></p> <p><b>Ground Floor</b> Undergraduate &amp; Postgraduate Unit, Academic Office</p> <p><b>Level 1</b> Lecturer Room (C5 – C17) &amp; TIAC/Monetary &amp; Financial Economics Unit (MOFEU) Office</p> <p><b><u>B – Wing B</u></b></p> <p><b>Ground Floor</b> Lecturer Room (B19 – B34)</p> <p><b>Level 1</b> Lecturer Room (C31-C38) &amp; Dean's Meeting Room (C41)</p>	<p><b><u>H11 – Lecture Hall</u></b> Lecture Hall 1 – Lecture Hall 5</p> <p><b><u>H12 – Postgraduate Building</u></b></p> <p><b>Ground Floor</b> Technician Room, Staff Room, Café, Surau, Photocopy Shop &amp; Seminar Room (BSP 0-2 – BSP 0-4)</p> <p><b>Level 1</b> VIP Room &amp; Seminar Room (BSP 1-0 - BSP 1-7), Student Resource Room &amp; Secretariat Room</p> <p><b>Level 2</b> Lecturer Room (2-01 - 2-42), Research Assistant Room (BSP 2-3) &amp; Student's Studies Room (BSP 2-4)</p> <p><b>Level 3</b> Postgraduate Conference Room &amp; Seminar Room (BSP 3-1 - BSP 3-3)</p>
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# Contact Us!



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