

## **SCHOOL OF ECONOMICS, FINANCE AND BANKING (SEFB)**

### **Vision**

To emerge as Malaysia's most prominent, influential and globally acclaimed center of advanced learning in the area of economics, finance, banking and risk management through our research, publications consultancies and graduates

### **Mission**

To acquire, create, disseminate and share extant knowledge and best practices in the areas of economics, finance, banking and risk management

### **i. BACHELOR OF SCIENCE ECONOMICS WITH HONOURS [BSc. (Economics) (Hons)]**

### **INTRODUCTION**

This Economics programme includes learning about the theory and its application to the real economy that can be practiced in various economic sectors such as service, industrial and public sectors.

### **PROGRAMME GOALS**

The goal of this programme is to produce graduates with a broad knowledge of economics, good analytical skills, as well as inculcating positive personal characteristics.

The objectives of the programme are as follows:

1. To enhance knowledge and understanding of concepts, theories and practices in the field of economics.
2. To plan, analyze and identify solutions to the economic-related problems.
3. To integrate and synthesize economic issues in organization, as well as able to assess planning, execution and solution options within the organization and the community.
4. To communicate effectively in oral and writing, possess leadership skills and be able to work in groups at any levels.
5. To upgrade the interaction skills with society and stakeholders aside from emphasizing social responsibility towards society and nation the related fields.

6. To become efficient, effective, and ethical economists and managers.
7. To improve skills in gathering and utilising information using ICT and to enhance knowledge through life-long learning.
8. To manage limited economic resources to achieve optimum efficiency and identify business opportunities through entrepreneurial skills learned.
9. To develop leadership talent, management skills and accountability in decision making.

In addition, each student will also be required to undergo a four-month practical training. This exposure will give the opportunity for the students and industry/institution to acquire the intended objectives.

### **CAREER PROSPECTS**

Because of the flexible structure of the program opportunities are abound for its graduates to work in a wide variety of sectors in the economy. Employment opportunities exist in various areas related to the economy such as in the banking, import-export, education, government, the tourism, health, insurance and other sectors.

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### PROGRAMME STRUCTURE FOR BACHELOR OF SCIENCE WITH HONOURS (ECONOMICS) DEGREE [BSc. (Hons) (Economics)]

The programme consists of the following component:

COMPONENT	CREDIT HOURS
A. UNIVERSITY CORE	25
B. PROGRAMME CORE	80
C. LANGUAGE COMPONENT	9
D. PROGRAMME ELECTIVE	15
E. FREE ELECTIVE	3

**TOTAL CREDIT HOURS 132 HOURS**

To be awarded Bachelor of Science with Honours (Economics) degree, a student is required to take and pass a minimum of 132 credit hours which include courses in the programme structure as shown below:

#### A. UNIVERSITY CORE (25 CREDIT HOURS)

Code	Course	Credit Hours	Pre-requisite
SADN1013	Islamic and Asian Civilization	3	NONE
SADN1043	Ethnic Relations	3	NONE
SADN1033	Malaysian Citizenship Studies	3	NONE
SBLE1033	English For Communication I	3	MUET band 1/2 <b>OR</b> ELPT band 5.5 - 6.5

SBLE1043	English For Communication II	3	MUET band 3/4 <b>OR</b> ELPT band 7.0 – 7.5
SBLE2103	Process Writing	3	MUET band 5/6 <b>OR</b> SBLE1043
SADE1013	Introduction to Entrepreneurship	3	NONE
VXXX4	Co-Curriculum	4	NONE

Choose **ONE (1)** extra-curricular activity that is of interest, and students are subject to the conditions prescribed under the field.

#### B. PROGRAMME CORE (80 CREDIT HOURS)

Code	Course	Credit Hours	Pre-requisite
BEEB1013	Principles of Economics	3	NONE
BEEB2013	Microeconomics	3	BEEB1013 Principle of Economics
BEEB2023	Macroeconomics	3	BEEB1013 Principle of Economics
BEEB3013	Intermediate Microeconomics	3	BEEB2013 Microeconomics
BEEB3023	Intermediate Macroeconomics	3	BEEB2023 Macroeconomics
BEED1013	Malaysian Economy	3	NONE
BEED2013	Development Economics	3	BEEB1013 Principle of Economics
BEEP2013	Public Economics	3	BEEB1013 Principle of Economics
BEEB2033	Monetary Theory and Institutions	3	BEEB1013 Principle of Economics
BEET2013	International	3	BEEB1013

	Economics		Principle of Economics
BEE3033	History of Economic Thoughts	3	BEEB2013 Microeconomics <b>AND</b> BEEB2023 Macroeconomics
BEEQ1013	Introduction to Mathematical Economics	3	NONE
BEEQ1023	Introduction to Statistical Economics	3	NONE
BEEQ2013	Mathematical Economics	3	BEEQ1013 Introduction to Mathematical Economics
BEEQ2023	Basic Econometrics	3	BEEQ1023 Introduction to Statistical Economics <b>OR</b> SQQS2013 Applied Statistics
BEER3043	Research Methods	3	BEEB2013 Microeconomics <b>AND</b> BEEB2023 Macroeconomics
SGDN1043	Ethics and Scientific Thinking	3	NONE
BKAL1013	Business Accounting	3	NONE
BPMN1013	Introduction to Management	3	NONE
STID1013	Information System in Organisation	3	NONE
SBLM1053	* Malay Language for Management	3	NONE
SBLE2093	Business and Professional Communication	3	SBLE2103 Process Writing
BEER3996	Academic Research Paper	6	BEER3043 Research Methods

			<b>AND</b> have taken and passed 100 credit hours
BEE4908	Practicum	8	Have taken and passed all courses under the programme structure

**\*International students are required to replace this course with SBLF1093 Bahasa Melayu Sebagai Bahasa Asing.**

### C. LANGUAGE COMPONENT (9 CREDIT HOURS)

Student must complete three sequence of any language course taken.

Code	Course	Credit Hours	Pre- requisite
SBLF105	Mandarin Language I	3	NONE
SBLF2053	Mandarin Language II	3	SBLF1053 Mandarin Language I
SBLF3053	Mandarin Language III	3	Mandarin Language II

\*Chinese students can choose any foreign language course EXCEPT Mandarin.

Any students from Chinese medium school can choose any of the foreign language courses EXCEPT Mandarin.

Students from Religious school are not allowed to take Arabic Language.

Students from Malaysia, Indonesia, Brunei, Singapore and Southern Thailand are not allowed to take Bahasa Melayu.

International students are allowed to choose any foreign language course EXCEPT their native language.

Student must complete three sequence of any language course taken.

#### D. PROGRAMME ELECTIVES (15 CREDIT HOURS)

Choose 15 credits from the following courses offered by the Economics Programme:

Code	Course	Credit Hours	Pre- requisite
BEEA3033	Agribusiness Finance	3	BEEB2013 Microeconomics <b>AND</b> BEEB2023 Macroeconomics
BEEA3113	Agricultural Production Economics	3	BEEB2013 Microeconomics <b>AND</b> BEEB2023 Macroeconomics
BEEA3123	Agribusiness Management	3	BEEB2013 Microeconomics <b>AND</b> BEEB2023 Macroeconomics
BEEA3133	Agricultural Development Economics	3	BEEB2013 Microeconomics <b>AND</b> BEEB2023 Macroeconomics
BEEA3153	Agricultural Marketing	3	BEEB2013 Microeconomics <b>AND</b> BEEB2023 Macroeconomics
BEEA3163	International Agricultural Trade & Business	3	BEEB2013 Microeconomics <b>AND</b> BEEB2023 Macroeconomics
BEED3013	Economics Development Issues and Policies	3	BEEB2013 Microeconomics <b>AND</b> BEEB2023 Macroeconomics
BEED3023	Economic Planning	3	BEEB2013 Microeconomics <b>AND</b> BEEB2023 Macroeconomics
BEED3033	Regional Economics	3	BEEB2013 Microeconomics <b>AND</b>

			BEEB2023 Macroeconomics
BEED3043	Project Appraisal	3	BEEB2013 Microeconomics <b>AND</b> BEEB2023 Macroeconomics
BEED3053	ASEAN Economic Development	3	BEEB2013 Microeconomics <b>AND</b> BEEB2023 Macroeconomics
BEED3063	Demographic Economics	3	BEEB2013 Microeconomics <b>AND</b> BEEB2023 Macroeconomics
BEEE3073	Environmental Economics	3	BEEB2013 Microeconomics <b>AND</b> BEEB2023 Macroeconomics
BEEE3083	Natural Resource Economics	3	BEEB2013 Microeconomics <b>AND</b> BEEB2023 Macroeconomics
BEEE3093	Natural Resource Evaluation	3	BEEB2013 Microeconomics <b>AND</b> BEEB2023 Macroeconomics
BEEE3103	Economic Analysis of Tourism	3	BEEB2013 Microeconomics <b>AND</b> BEEB2023 Macroeconomics
BEEI2053	Labour Economics	3	BEEB1013 Principle of Economics
BEEI3053	Industrial Organisation	3	BEEB2013 Microeconomics <b>AND</b> BEEB2023 Macroeconomics
BEEI3063	Industrial Regulation	3	BEEB2013 Microeconomics <b>AND</b> BEEB2023



			Macroeconomics
BEEI3073	Managerial Economics	3	BEEB2013 Microeconomics <b>AND</b> BEEB2023 Macroeconomics
BEEI3083	Industrial Study Analysis	3	BEEB2013 Microeconomics <b>AND</b> BEEB2023 Macroeconomics
BEEI2043	Banking Systems and Operations	3	BEEB1013 Principle of Economics
BEEI3043	Monetary Economics	3	BEEB2013 Microeconomics <b>AND</b> BEEB2023 Macroeconomics
BEEI3053	Investment Theory	3	BEEB2013 Microeconomics <b>AND</b> BEEB2023 Macroeconomics
BEEI3063	International Monetary Economics	3	BEEB2013 Microeconomics <b>AND</b> BEEB2023 Macroeconomics
BEEI3073	Monetary Economics in Developing Countries	3	BEEB2013 Microeconomics <b>AND</b> BEEB2023 Macroeconomics
BEEP2023	Welfare Economics	3	BEEB1013 Principle of Economics
BEEP3013	Public Finance	3	BEEB2013 Microeconomics <b>AND</b> BEEB2023 Macroeconomics
BEEP3023	Public Policy Analysis	3	BEEB2013 Microeconomics <b>AND</b> BEEB2023 Macroeconomics
BEEP3033	Economics of Taxation	3	BEEB2013 Microeconomics <b>AND</b>

			BEEB2023 Macroeconomics
BEEP3083	Health Economics	3	BEEB2013 Microeconomics <b>AND</b> BEEB2023 Macroeconomics
BEEQ3013	Econometrics	3	BEEQ2023 Basic Econometrics
BEEQ3023	Time Series Analysis	3	BEEQ3013 Econometrics
BEEQ3033	Operations Research	3	BEEQ1013 Introduction to Mathematical Economics <b>AND</b> BEEQ1023 Introduction to Statistical Economics
BEEQ3153	Forecasting Methods	3	BEEQ2023 Basic Econometrics
BEEQ3043	Sampling Survey Methods	3	BEEQ1013 Introduction to Mathematical Economics <b>AND</b> BEEQ1023 Introduction to Statistical Economics
BEEI2043	Economic Systems	3	NONE
BEEI3053	Current Economic Issues	3	BEEB2013 Microeconomics <b>AND</b> BEEB2023 Macroeconomics
BEEI3093	Islamic Economic System and Thoughts	3	BEEB2013 Microeconomics <b>AND</b> BEEB2023 Macroeconomics
BEEI3013	International Trade	3	BEEB2013 Microeconomics <b>AND</b> BEEB2023 Macroeconomics
BEEI3023	International Finance	3	BEEB2013 Microeconomics <b>AND</b>

			BEEB2023 Macroeconomics
BEET3033	International Investment	3	BEEB2013 Microeconomics <b>AND</b> BEEB2023 Macroeconomics
BEET3043	International Monetary and Institutions	3	BEEB2013 Microeconomics <b>AND</b> BEEB2023 Macroeconomics

### E. FREE ELECTIVE (3 CREDIT HOURS)

Students can choose **ONE (1)** courses offered by another programme at the same School or courses offered by other Schools taking into account the following:

- i. Must meet the prerequisite of the courses if such courses require prerequisites.
- iii. Equivalent courses cannot be considered as free elective courses.

### PROGRAMME SUGGESTED COURSES BY SEMESTER FOR BACHELOR OF SCIENCE WITH HONOURS (ECONOMICS) [BSc. (Hons) Economics]]

Code	1st Semester	Credit Hours	Code	2nd Semester	Credit Hours
BEEQ1013	Introduction to Mathematical Economics	3	BEEQ1023	Introduction to Statistical Economics	3
BEEB1013	Principles of Economics	3	BEEB2013	Microeconomics	3
SADN1033	Malaysian Citizenship Studies	3	BEED1013	Malaysian Economy	3
SBLE1033	English for Communication I	3	SBLE1043	English for Communication II	3
SADN1013	Islamic and Asian Civilization	3	SADN1043	Ethnic Relations	3
XXXXXXXX	Co-curriculum	1	SBLF1053	Mandarin Language I	3
			XXXXXXXX	Co-curriculum	1
<b>TOTAL</b>		<b>16</b>	<b>TOTAL</b>		<b>19</b>
Code	3rd Semester	Credit Hours	Code	4th Semester	Credit Hours
SGDN1043	Ethics and Science Thinking	3	SBLM1053	Malay Language for Management	3
BEEB2023	Macroeconomics	3	STID1013	Information System in Organisation	3
BEEQ2013	Mathematical Economics	3	BEEB3013	Intermediate Microeconomics	3
SBLE2103	Proces Writing	3	BKAL1013	Business Accounting	3
BEEQ2023	Basic Econometrics	3	BEED2013	Development Economics	3
SBLF2053	Mandarin Language II	3	SBLF3053	Mandarin Language III	3
XXXXXXXX	Co-curriculum	1	XXXXXXXX	Co-curriculum	1
<b>TOTAL</b>		<b>19</b>	<b>TOTAL</b>		<b>19</b>
Code	5th Semester	Credit Hours	Code	6th Semester	Credit Hours
SBLE2093	Business and Professional Communication	3	SADE1013	Introduction to Entrepreneurship	3
BPMN1013	Introduction to Management	3	BEET2013	International Economics	3
BEEB3023	Intermediate Macroeconomics	3	BEES3033	History of Economic Thoughts	3
BEER3043	Research Methods	3		Programme Elective 1	3
BEEP2013	Public Economics	3		Programme Elective 2	3
BEEM2033	Monetary Theory and Institutions	3		Programme Elective 3	3
<b>TOTAL</b>		<b>18</b>	<b>TOTAL</b>		<b>18</b>
Code	7th Semester	Credit Hours	Code	8th Semester	Credit Hours
	Programme Elective 4	3	BEE4908	Practicum	8
	Programme Elective 5	3			
	Free Elective	3			
BEER3996	Academic Research Paper	6			
<b>TOTAL</b>		<b>15</b>	<b>TOTAL</b>		<b>8</b>

**Total Credits: 132 credit hours**

### COURSES OFFERED BY SEMESTER

CODE	COURSES	SEM I	SEM II
BECA1013	Biology	X	X
BECA1023	Chemistry	X	X
BECA2013	Animal Husbandry		X
BECA2023	Food Science	X	
BECA2033	Soil Science	X	
BECA2043	Agronomy		X
BEEA3033	Agribusiness Finance		X
BEEA3113	Agricultural Production Economics	X	X
BEEA3123	Agribusiness Management	X	
BEEA3133	Agricultural Development Economics		X
BEEA3153	Agricultural Marketing		X
BEEA3163	International Agricultural Trade and Business	X	
BEEB1013	Principles of Economics	X	X
BEEB2013	Microeconomics	X	X
BEEB2023	Macroeconomics	X	X
BEEB2033	Applied Economics	X	X
BEEB3013	Intermediate Microeconomics	X	X
BEEB3023	Intermediate Macroeconomics	X	X
BEEB3033	Malaysian Economy	X	X
BEEB3043	Development Economics	X	X
BEEB3053	Economics Development Issues and Policies	X	
BEEB3063	Economic Planning		X
BEEB3073	Regional Economics	X	
BEEB3083	Project Appraisal		X
BEEB3093	ASEAN Economic Development	X	
BEEB3103	Demographic Economics	X	
BEEB3113	Environmental Economics	X	
BEEB3123	Natural Resource Economics	X	
BEEB3133	Natural Resource Evaluation		X
BEEB3143	Economic Analysis of Tourism		X
BEEB3153	Labour Economics	X	
BEEB3163	Industrial Organization		X
BEEB3173	Industrial Regulation	X	
BEEB3183	Managerial Economics	X	
BEEB3193	Industrial Study Analysis		X
BEEB3203	Monetary Theory and Institutions	X	X
BEEB3213	Banking Systems and Operations		X
BEEB3223	Monetary Economics	X	
BEEB3233	Investment Theory	X	
BEEB3243	International Monetary Economics		X
BEEB3253	Monetary Economics in Developing Countries	X	

BEEP2013	Public Economics	X	X
BEEP2023	Welfare Economics		X
BEEP3013	Public Finance	X	
BEEP3023	Public Policy Analysis		X
BEEP3033	Economics of Taxation		X
BEEP3083	Health Economics	X	
BEEQ1013	Introduction to Mathematical Economics	X	X
BEEQ1023	Introduction to Statistical Economics	X	X
BEEQ2013	Mathematical Economics	X	X
BEEQ2023	Basic Econometrics	X	X
BEEQ3013	Econometrics		X
BEEQ3023	Time Series Analysis	X	
BEEQ3033	Operations Research		X
BEEQ3043	Sampling Survey Methods		X
BEEQ3153	Forecasting Methods		X
BEER3043	Research Methods	X	X
BEER3996	Academic Research Paper	X	X
BEEB2043	Economic Systems	X	
BEEB3033	Histry of Economic Thoughts	X	X
BEEB3053	Current Economic Issues		X
BEEB3093	Islamic Economic System and Thoughts	X	
BEET2013	International Economics	X	X
BEET3013	International Trade	X	
BEET3023	International Finance	X	
BEET3033	International Investments		X
BEET3043	International Monetary and Institutions		X
BEEB4908	Practicum	X	X

### COURSE SYNOPSIS

#### **BEEB1013 PRINCIPLES OF ECONOMICS PRE-REQUISITE NONE**

This course offers introductory understanding to the basic concepts in economics. It is divided into two parts of Microeconomics and Macroeconomics. Topics that will be covered includes demand and supply, price and market equilibrium, consumer choice, production and costs, national income accounting, aggregate demand and aggregate supply, money, and money market.

#### **BEEB2013 MICROECONOMICS PRE-REQUISITE BEEB1013 PRINCIPLES OF ECONOMICS**

This course will provide students with basic economic theories that are essential in microeconomics. Among them are Demand & Supply theories, Consumer Behavior Theory, Production & Cost

Theories, and Theory of the Firm. Methods used in discussing these theories include tables, graphs, and simple mathematics. Lectures given will also touch on the applicability of the theories in real life.

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**BEEB2023                    MACROECONOMICS**  
**PRE-REQUISITE BEEB1013 PRINCIPLES OF ECONOMICS**

The analysis is based on the Keynesian economics and experience of Malaysian macroeconomics situation. Thus, the theoretical and practical aspect of the economy is combined. The course is divided into 3 main sections. Section 1 focuses on the measurement of macroeconomic variables, in particular national income accounting and national income determination. Section 2 discusses the demand side of macroeconomics models from a simple economy to an open economy. In this section, the interaction of real and money market through money, interest and income is examined. An open macroeconomic model is also highlighted. The supply side of macroeconomics is also explained, particularly the labor market. The Classical macroeconomics view is also included in the analysis for comparison to that of the Keynesian economics. Finally, section 3 emphasizes on macroeconomic policy in which fiscal and monetary policy is examined.

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**BEEB2033                    APPLIED ECONOMICS**  
**PRE-REQUISITE BEEB1013 PRINCIPLES OF ECONOMICS**

This course is designed for non-economic students who must take this course as a core courses in their program. In this course, we divide the discussion to two aspect microeconomics and macroeconomics which related to management. The microeconomics will discuss the issues that can influent the managers in their decision making process. The topics being discuss in this area include perfect competition, monopoly, oligopoly competition, monopolistic competition, externality, AD-AS model, inflation, unemployment, fiscal and monetary policy, exchange rate and balance of payments. This course also aims to introduce important economic matters. This basic knowledge will help them in learning and understanding other related fields like strategic management, marketing, productions and finance and will help in making a good decision.

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**BEEB3013                    INTERMEDIATE MICROECONOMICS**  
**PRE-REQUISITE BEEB2013 MICROECONOMICS**

This course is designed for students who had taken microeconomics (SEEB2013); Besides theoretical framework, it will emphasize more on the application of the microeconomic principles to business decision making. The students will further

develop their understanding on how firms make decisions, how consumers make decisions and how these decisions interact in the market place. Students will also be exposed to the desirability of these outcomes from the viewpoints of various normative criteria, the role of prices as conveyors of information, as well as various market models. In addition, the market for inputs to the production process would also be explored.

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**BEEB3023                    INTERMEDIATE MACROECONOMICS**  
**PRE-REQUISITE BEEB2023 MACROECONOMICS**

This course is the continuation of SEEB2023 Macroeconomics. Among the topics that are discussed in this course are macroeconomic theories explaining business cycle such as Classical, Keynesians, Monetarists, New Classical, and New Keynesians. The students will also be exposed to some advanced topics such as consumption behavior, investment, inflation and unemployment, money demand, and issues on economic growth as well as stabilization policies.

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**BEEB2043                    ECONOMIC SYSTEMS**  
**PRE-REQUISITE NONE**

This course compares different economic systems that exist all over the world. Different systems of economy evolved in different parts of the world as a result of history, politics and many economic factors. Among the systems discussed are laissez-faire market economies, command over a market economy, guided market economy, democratically controlled social economy, etc. Examples of different economic systems will also be presented in this course. By comparing different economic systems one can understand why they exist, how they are structured and what their achievements and problems are.

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**BEEB3033                    HISTORY OF ECONOMIC THOUGHTS**  
**PRE-REQUISITE BEEB2013 MICROECONOMICS, BEEB2023 MACROECONOMICS**

This course discusses the history of economic thought and the people that have contributed to its development. For each important school of thought, five major questions will be answered: What was the historical background of the school? What were the major tenets of the school? Whom did the school benefit or seek to benefit? How was the school valid, useful, or correct in its time? And which tenets of the school became lasting contributions?

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**BEES3093 ISLAMIC ECONOMIC SYSTEM AND THOUGHTS**  
**PRE-REQUISITE BEEB2013 MICROECONOMICS, BEEB2033 MACROECONOMICS**

Islam is a complete way of life that covers all of the life aspects including the economy. Therefore this course provides preliminary understanding and basic knowledge of the principles of Islamic economic. This course discusses the main contributions of Islamic thinkers, the factors that influence their thought and the connection of the thought with the current economic issues. This course will also cover Islam as ad-deen; philosophy of Islamic Economic; the definition, scope and objective of Islamic economic; special aspects of Islamic economic and a comparative study between the Islamic and other economic systems.

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**BEES3053 CURRENT ECONOMIC ISSUES**  
**PRE-REQUISITE BEEB2013 MICROECONOMICS, BEEB2023 MACROECONOMICS**

This course discusses current issues in economics – primarily Economics of globalization and international corporate business. The main topics includes trade blocks – AFTA, EU, NAFTA, and Financial liberalization, technology transfers and multinationals in the context of IT, and the new economy. Other topics that will also be discuss are trend in economic growth, and sustainable corporate ventures.

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**BEER3043 RESEARCH METHODS**  
**PRE-REQUISITE BEEB2013 MICROECONOMICS, BEEB2023 MACROECONOMICS**

The course elucidates the nature and processes involved in research, especially in the social sciences, such as economics, sociology and psychology, and their allied areas. Although the emphasis is on survey research, other research approaches are also discussed. The course begins with the philosophy of knowledge, definition of research, scientific method in research, and ethics in research. The important steps in planning a research project, such as problem identification and formulation, formulation of the research questions, developing the study objectives, reviewing related literature, formulation of model and research hypotheses, gathering and analyzing the data and testing the hypotheses, and presenting the final report will be covered. The course also discusses, in detail, the preparation involved in writing a research proposal that is likely to be approved by relevant agencies or institutions.

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**BEER3996 ACADEMIC RESEARCH PAPER**  
**PRE-REQUISITE BEER3043 RESEARCH METHODS**

Research activities leading to research paper or equivalent scholarly project; A supervised individual work that provides the opportunity to pursue topics in breadth and depth, and to apply the tools of economic analysis; Research on mutual topics, to students and faculty. This course is normally taken during the final semester of the program.

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**BEEQ1013 INTRODUCTION TO MATHEMATICAL ECONOMICS**  
**PRE-REQUISITE NONE**

The course introduces basic Mathematical Method. The topics covered: number and sets, functions and relation, simultaneous equations, matrix algebra method, indefinite and definite integral.

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**BEEQ1023 INTRODUCTION TO STATISTICAL ECONOMICS**  
**PRE-REQUISITE NONE**

This course introduces the basic concepts and methods in statistics. The topics covered include the techniques of collecting, processing, and reporting statistical data, summarising the data, and making statistical inference from the data.

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**BEEQ2013 MATHEMATICAL ECONOMICS**  
**PRE-REQUISITE BEEQ1013 INTRODUCTION TO MATHEMATICAL ECONOMICS**

The objectives of this course are to provide an understanding of the use of mathematical methods and techniques in economic analysis. This course is divided into five (5) main parts: an introduction to mathematical economics, equilibrium (or static) analysis, comparative static analysis, optimization problem (without and with constraints), and dynamic analysis. The approach used exposes students to the use of mathematical methods and techniques such as matrix algebra, derivatives, differentials, and integration in solving economic problems. After taking this course, students are expected to be able to analyze micro and macroeconomic problem by using those mathematical methods and applying them in other courses.

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**BEEQ2023 BASIC ECONOMETRICS**  
**PRE-REQUISITE BEEQ1023 INTRODUCTION TO**  
**STATISTICAL ECONOMICS ORSQS2013 APPLIED**  
**STATISTICS**

This course introduces basic econometrics to students. This course will expose students to quantitative methods that are frequently used in econometric research, and to enhance the student's ability in understanding and implementing quantitative economic analysis.

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**BEEQ3013 ECONOMETRICS**  
**PRE-REQUISITE BEEQ2023 BASIC ECONOMETRICS**

This course is an extension of the Quantitative Methods course, and will stress on econometric theory and its applications. The main topics covered are issues related to departures from classical assumption, maximum likelihood methods, simultaneous equations model, and regression model using dummy variables, stochastic explanatory variables, and dynamic econometric models. Probit, Logit and Tobit models will also be discussed in this course.

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**BEEQ3023 TIME SERIES ANALYSIS**  
**PRE-REQUISITE BEEQ3013 ECONOMETRICS**

This course emphasizes the theoretical and practical, and disclosure detail on the empirical aspect of time series economic analysis method. This course covers analysis of univariate time series, with emphasis to the stationarity process, integrated ARIMA model, ARCH and GARCH. Several methods for testing stationarity will also be discussed like unit root test, ADF, Philips-Perron, and correlogram. This course also discusses the cointegration technique, Error Correction Model (ECM), and Vector Autoregressive Model (VAR).

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**BEEQ3033 OPERATIONS RESEARCH**  
**PRE-REQUISITE BEEQ1013 INTRODUCTION TO**  
**MATHEMATICAL ECONOMICS, BEEQ1023 INTRODUCTION**  
**TO STATISTICAL ECONOMICS**

This course introduces the principal concepts and applications of quantitative techniques to solve management problems. The techniques to be studied have been successfully applied to an increasingly wide variety of complex problems in business, government, health care, education, financial institutions, transportation and many other areas. The students will gain an understanding of modeling and rational approaches to decision making and their contribution to organizational effectiveness. Topics includes among others: linear programming, transportation models, assignment models, network models, decision analysis

and queuing models. Implementation using existing software packages of decision models to solve various managerial problems is also an integrated part of this course.

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**BEEQ3043 SAMPLING SURVEY METHOD**  
**PRE-REQUISITE BEEQ1013 INTRODUCTION TO**  
**MATHEMATICAL ECONOMICS, BEEQ1023 INTRODUCTION**  
**TO STATISTICAL ECONOMICS**

The objective of the course is to develop student's skill in doing research particularly in the aspects of survey sampling. The course emphasizes the theoretical as well as the practical aspects of collecting primary data. The topics of discussions include basic concepts in survey and sampling such as population and sample, sampling frame and sampling design and the use of correct formulas to estimate population min variance and population proportion, and the estimation of bound of error and sampling size.

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**BEEQ3153 FORECASTING METHODS**  
**PRE-REQUISITE BEEQ2023 BASIC ECONOMETRICS**

This is an introductory course in forecasting. It is aimed to give some understanding to students the true meaning of forecasting. The role of forecasting is to facilitate a more systematic and consistent way of making a decision is highlighted. In addition, issues commonly discussed pertaining the two broad classifications of forecasting methods are also been addressed sufficiently. However, emphasis is given towards developing an understanding of the technical and statistical details that underlie the quantitative methods of forecasting. Special focus is given to Box-Jenkins methodology.

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**BEEQ4908 PRACTICUM**  
**PRE-REQUISITE NONE**

It is a work internship to give students practical on-the-job training in their major field for a duration of 3 months. Program coordinated by faculty with cooperation of participating employers to enhance the development of future professionals. The internship experience will help students integrate theory and practice their career choices.

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**BEEQ1013 MALAYSIAN ECONOMY**  
**PRE-REQUISITE NONE**

This course is designed to study about the structure and issues problems of Malaysian economics based on the policies implementation since 1957. The topics covered: History of economics development in Malaysia; Macroeconomics issues

such as economics growth, inflation, unemployment, balance of payment and government policy; Implementation of New Economics Policy; Situation of real sector, financial sector and public sector. Besides that, the issues about government policy will be discussed in this course.

**BEED2013 DEVELOPMENT ECONOMICS**

**PRE-REQUISITE BEEB2013 PRINCIPLES OF ECONOMICS**

This course discusses the theories and basic concept of economic development. The discussion focuses on the definition and on development, measurement of theories of development economics, factors of economic growth, issues on poverty and income distribution, population growth and unemployment. It also discusses on economic planning and government role in achieving economic development goals.

**BEED3013 ECONOMIC DEVELOPMENT ISSUES AND POLICIES**

**PRE-REQUISITE BEEB2013 MICROECONOMICS, BEEB2023 MACROECONOMICS**

This course is a continuation of the economic development course. It discusses issues and problems of economic development in developing economies, as well as the development policies necessary to overcome the problems. The relevant topics discussed include migration and urbanization, educational and human resources development, agricultural and industrial sectors' development and environmental development. Also, economic development issues and problems relating to open economies are also discussed. These include trade and development, problem relating to foreign debts and balance of payments, and globalisation.

**BEED3023 ECONOMIC PLANNING**

**PRE-REQUISITE BEEB2013 MICROECONOMICS, BEEB2023 MACROECONOMICS**

This course includes both theoretical and quantitative aspects of economic planning. Students will be exposed to the definitions, history, the needs of economic planning especially in the third world countries, planning problems, tools used in economic planning etc. Quantitatively, development models will be used to illustrate how data will be used in understanding and solving problems faced by policy makers.

**BEED3033 REGIONAL ECONOMICS**

**PRE-REQUISITE BEEB2013 MICROECONOMICS, BEEB2023 MACROECONOMICS**

The importance of regional economic analysis; regional economy and national development; Regional Economics Theory: export

based, growth patterns; centre-periphery; location theory; Regional Development Policy Objectives. Quantitative Analysis: Basic data for regional development; flow analysis, linkages concept and regional economic balance; regional economic composition analysis; input-output analysis for regional development. Regional Economic Policy in Malaysia: Regional imbalance analysis before 1970, regional imbalance analysis in the NEP era.

**BEED3043 PROJECT APPRAISAL  
PRE-REQUISITE BEEB2013 MICROECONOMICS, BEEB2023 MACROECONOMICS**

Each development project has to go through project cycle. One of the most important elements in project cycle is determining the viability of the project, to see whether it can be implemented or rejected. This course teaches how to do a project appraisal or evaluation. Among the topics covered in this course include project cycle, the past, present and future value of money, discounted value, differences between economic analysis and financial analysis, cash flow, techniques in project implementation and project management.

**BEED3053 ASEAN ECONOMICS DEVELOPMENT  
PRE-REQUISITE BEEB2013 MICROECONOMICS, BEEB2023 MACROECONOMICS**

This course will discuss the history of ASEAN, current issues in ASEAN country such as economic co-operation, functional co-operation, ASEAN Free Trade Area, trade among members and external relation with dialog member.

**BEED3063 DEMOGRAPHIC ECONOMICS  
PRE-REQUISITE: BEEB2013 MICROECONOMICS, BEEB2023 MACROECONOMICS**

This course discusses demographic issues and indicators in term of age structure, ethnic composition, population size, and demographic changes over time using statistical and mathematical analyses. It also discusses the connection between demographic phenomenon and social, cultural, economic, and other factors. Among the topics that will be covered in this course are its concepts, demographic determinants, the importance of demographic analyses, internal and external migrations, and labour force and economic development.

**BEEE3073 ENVIRONMENTAL ECONOMICS**  
**PRE-REQUISITE BEEB2013 MICROECONOMICS, BEEB2023**  
**MACROECONOMICS**

This course is to show that the environment is not a separate entity from the economy. Its essence lies in a sequence of logical steps: assessing the 'economic' importance of environmental degradation; looking for the 'economic' course of degradation; and designing 'economic' incentives to slow, halt and reverse that degradation.

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**BEEE3083 ATURAL RESOURCE ECONOMICS**  
**PRE-REQUISITE BEEB2013 MICROECONOMICS, BEEB2023**  
**MACROECONOMICS**

This course is about natural resource and environmental policy and, in particular, the role of economic analysis in informing, analysing, evaluating, and assisting in the development of that policy. The important topics that will be discussed are issues of scarcity, management of renewable and non-renewable resources, energy uses, rules and regulation, as well as economic incentives to promote desirable behaviours toward natural resource management.

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**BEEE3103 ECONOMIC ANALYSIS OF TOURISM**  
**PRE-REQUISITE BEEB2013 MICROECONOMICS, BEEB2023**  
**MACROECONOMICS**

This subject studies macro and micro economic dimensions of tourism. Tourism industry in Malaysia has been identified as one of the key drivers in the growth of the services sector and assumes a greater role in economy development planning. Tourism not only solely contributes to the foreign exchange earnings but is also involved in various chains of economic activities. Hence, this course will discuss the effectiveness and contribution of tourism industry to the recent and future national economy development. Among the topics to be discussed are the definition and philosophy of tourism, economic analysis and tourism industry, the role of government to the tourism industry and the current issues in tourism economics.

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**BEEA3033 AGRIBUSINESS FINANCE**  
**PRE-REQUISITE BEEB2013 MICROECONOMICS, BEEB2023**  
**MACROECONOMICS**

This course discusses about financial issues such as how to get capital to run agribusiness activity, policies related agribusiness credit, evaluation of the lending criterias by financial institutions, credit analysis and preparation of paperwork for loan applications.

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**BEEA3113 AGRICULTURAL PRODUCTION**  
**ECONOMICS**  
**PRE-REQUISITE BEEB2013 MICROECONOMICS, BEEB2023**  
**MACROECONOMICS**

This course provides an introduction to the economic aspects of agricultural production. The focus will be given on the relationship between inputs and outputs for the use of various variable inputs. This course also discusses important methods in selecting agricultural investment that are useful for a manager in making farm decisions. Empirical examples are used to combine theories with practices.

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**BEEA3123 AGRIBUSINESS MANAGEMENT**  
**PRE-REQUISITE BEEB2013 MICROECONOMICS, BEEB2023**  
**MACROECONOMICS**

This course covers the overall basic aspects of the management of agribusiness. It provides an exposure to the core and applications of agribusiness activities, beginning from the level of understanding farm management to produce agricultural output to the marketing aspects and agricultural economics in order to ensure students gain sufficient knowledge and basic expertise to be efficient and effective future agribusiness managers.

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**BEEA3133 AGRICULTURAL DEVELOPMENT ECONOMICS**  
**PRE-REQUISITE BEEB2013 MICROECONOMICS, BEEB2023**  
**MACROECONOMICS**

This course discusses the development of agricultural sector, which is perceived as a process of evolution and transformation from a traditional agricultural to a modern one. Topics that will be discussed include theories of agricultural development, the process of agricultural development, roles and contributions of the agricultural sector in economic development, agricultural policies, and issues and problems associated with the agricultural sector.

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**BEEA3153 AGRICULTURAL MARKETING**  
**PRE-REQUISITE BEEB2013 MICROECONOMICS, BEEB2023**  
**MACROECONOMICS**

This course discusses the marketing institutions and international trade as well as their roles in distributing the agricultural output to ultimate consumers. This course also discusses economic and non-economic factors that influence the market and agricultural trade.

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**BEEA3163 INTERNATIONAL AGRICULTURAL TRADE AND BUSINESS**  
**PRE-REQUISITE BEEB2013 MICROECONOMICS, BEEB2023 MACROECONOMICS**

This course discusses the basic concepts of international trade and its application in food and other agricultural products. The course begins with a discussion of the concept of international trade, the impact of government intervention in the international market of agricultural products, and current issues related to agricultural goods trading.

**BECA1013 BIOLOGY**  
**PRE-REQUISITE NONE**

This course covers the introduction to genetics, principles of segregation and independent organization, genetics population, the concept of genetic evolution and the process of species classification. The course also covers aspects of animal physiology and ecology. Principles of conservation and renewable natural resources, the role of parks, pollution, eutrophication and erosion are also discussed.

**BECA1023 CHEMISTRY**  
**PRE-REQUISITE NONE**

This course covers the introduction of measurement, stoichiometry, reactions, theory of kinetic gases, thermochemical, atomic structure, electronic structure and the periodic table, chemical bonding, redox reaction, electrochemistry, acids and bases, chemical nuclear, organic chemicals, chemicals, inorganic, and biochemical.

**BECA2033 SOIL SCIENCE**  
**PRE-REQUISITE BECA1013 BIOLOGY, BECA1023 CHEMISTRY**

This course discusses the biological, physical and chemical aspects of soil such as access to land, resources and land development, soil fertility, fertilizers, soil organisms, soil sampling techniques and related tests.

**BECA2013 ANIMAL HUSBANDRY**  
**PRE-REQUISITE BECA1013 BIOLOGY, BECA1023 CHEMISTRY**

This course provides an introduction to livestock production and management aspects, and its role in the agricultural sector. This course will also include an introduction to livestock species, diseases and advantages of the livestock. Management of livestock (cattle, sheep, buffalo, and deer) and non-ruminants (poultry, pigs) will be covered in general.

**BECA2023 FOOD SCIENCE**  
**PRE-REQUISITE BECA1013 BIOLOGY, BECA1023 CHEMISTRY**

This course discusses the fundamentals of food science. It covers the basics according functions in some selected commodities. This course will also discuss the methods of food processing, food operations, the effects of food processing, food safety, food storage, food product wrapping, food laws and rules, and food labels.

**BECA2043 AGRONOMY**  
**PRE-REQUISITE BECA1013 BIOLOGY, BECA1023 CHEMISTRY**

Agronomy is the science and technology of using plants for food, fuel, feed, and fiber. Agronomy encompasses work in the areas of plant genetics, plant physiology, meteorology, and soil science. Agronomy is the application of a combination of sciences like biology, chemistry, ecology, earth science, and genetics. Agronomists today are involved with many issues including producing food, creating healthier food, managing environmental impact of agriculture, and creating energy from plants. Agronomists often specialize in areas such as crop rotation, irrigation and drainage, plant breeding, soil and plant classification, soil fertility, weed control and pest control.

**BEEP2013 PUBLIC ECONOMICS**  
**PRE-REQUISITE BEEB1013 PRINCIPLES OF ECONOMICS**

The course is planned for as introduction to students about public sector economics. Generally, the course discusses the role and important functions of government in economic system. The course consists of topics such as market failure, government intervention in tax system and income redistribution.

**BEEP2023 WELFARE ECONOMICS**  
**PRE-REQUISITE BEEB1013 PRINCIPLES OF ECONOMICS**

This course is an introduction to the theory of economic welfare and the economic theory of social choice. It comprises the study of the tools by which the economist can make normative statements about economic outcomes. The topics covered include the concept of Pareto optimality and market efficiency, measurement of welfare changes, market failure, public choice and the theory of second best.

**BEEP3013 PUBLIC FINANCE  
PRE-REQUISITE BEEB2013 MICROECONOMICS, BEEB2023  
MACROECONOMICS**

This course is specially designed for students in economics program who had fulfilled the pre requirement Microeconomics (BEEB2013). It provides a good theoretical framework for students to understand more about public sector economics. The course emphasizes more on the three basic roles of the government namely, allocation of resources, distribution, and stabilization function. In addition, expenditure policy will also be discussed with emphasis on two important issue, tax system and government expenditure.

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**BEEP3023 PUBLIC POLICY ANALYSIS  
PRE-REQUISITE BEEB2013 MICROECONOMICS, BEEB2023  
MACROECONOMICS**

The subject covers the analysis and evaluation of public policy that has been implemented by the government in facing various problems. Hence, it consisted both macroeconomics and microeconomics analysis. The subject will focus on the use of the cost and benefit techniques to evaluate the effectiveness of the implemented public policy. Issues covered include the education, health and public utilities issues.

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**BEEP3033 ECONOMICS OF TAXATION  
PRE-REQUISITE BEEB2013 MICROECONOMICS, BEEB2023  
MACROECONOMICS**

Taxation economics is considered as a capstone course which is designed to assist student in integrating theories from previous courses, particularly microeconomics and public finance. It mainly concentrates on the study of the public sector's role in generating revenue which taxation is a primary tool that is employed by a government to generate revenues. The main topics include the principles of taxation, the theory of taxation, economic impact of taxation on economic agent's behaviour, and the related taxation issues and controversies in relation to the tax system and taxpayer decisions in Malaysia.

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**BEEP3083 HEALTH ECONOMICS  
PRE-REQUISITE BEEB2013 MICROECONOMICS, BEEB2023  
MACROECONOMICS**

This course is about learning the relevance of economics in health and medical care via discussion of the fundamental concepts, theories and practices in the field of health economics. The strength of the course content is built on a microeconomics framework which focuses on how the economic resources are allocated to and within the health care sector, with highlight on the

policy implications. Topics of discussion will include tools for economic analysis of health care, demand and supply of health (care), health insurance studies, the industrial organization and regulation of the health care sector, the role of technology and the labour issues.

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**BEEB2033 MONETARY THEORY AND INSTITUTIONS  
PRE-REQUISITE BEEB1013 PRINCIPLES OF ECONOMICS**

This course discusses and examines the role of money, financial institutions and financial markets in the economy. Financial markets and institutions not only affect individuals decision making but also the flow of funds throughout the economy, which in turn affect business profits, economic variables such as interest rates and rate of inflation, the production of goods and services, and the economic well-being. To provide a better understanding of the subject matter, a theoretical and application of theories are used in the analysis of the topics covered. Among the topics discussed are role of money; financial markets, institutions and instruments; risk and term structure of interest rates, banking system and multiple deposit creation, and the role of Central Bank in the conduct of monetary policy.

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**BEEB2043 BANKING SYSTEM AND OPERATIONS  
PRE-REQUISITE BEEB1013 PRINCIPLES OF ECONOMICS**

The course emphasizes on the Malaysian banking system and operations. Specifically, this course will discuss the roles and techniques of assets and liability management in the banking system and non-bank financial institutions. Furthermore, the current Islamic banking as an alternative to the conventional system will also be discussed and explained. The course will start off with Bank Negara Malaysia as the regulator and supervisor of financial institutions. The course also covers several issues as the descriptions and analysis of main bank products and services; domestic and international trade financings; interbank and money market operations; and foreign exchange transactions.

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**BEEB3043 MONETARY ECONOMICS  
PRE-REQUISITE BEEB2013 MICROECONOMICS, BEEB2023  
MACROECONOMICS**

This course is a continuation from the "Theory and Financial Institutions" course. Topics that will be discussed in this course are traditional as well as modern monetary theories, the connection between monetary theories and issues/problems in macro monetary economics and monetary policies.

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**BEEM3053 INVESTMENT THEORY**  
**PRE-REQUISITE BEEB2013 MICROECONOMICS, BEEB2023**  
**MACROECONOMICS**

This course is to provide knowledge and understanding about the investment theory according to the economic approach. The course emphasis on studying real assets investment review using the perspective of microeconomics and macroeconomics. Financial investment is also discussed to provide exposure to students about the scope of the overall investment. Discussions in this course covering topics concerning the background of the investment, the difference of investment of financial assets and real assets, the concept of the value of money, risk and uncertainty, capital theory, determinant and the theory of investment, investment spending decisions by firms and the impact of government policy on investment activities.

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**BEEM3063 INTERNATIONAL MONETARY**  
**ECONOMICS**  
**PRE-REQUISITE BEEB2013 MICROECONOMICS, BEEB2023**  
**MACROECONOMICS**

This course exposes students to the international monetary markets that influence the direction of international capital flows in an open economy. It provides basic preparation for those who have intention to work in investment, banking and business sectors at the international level. Moreover, better understanding of international monetary problems within the global environment reported by news media is important to students.

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**BEEM3073 MONETARY ECONOMICS IN**  
**DEVELOPING COUNTRIES**  
**PRE-REQUISITE BEEB2013 MICROECONOMICS, BEEB2023**  
**MACROECONOMICS**

This course discusses the characteristics of monetary economics and the effectiveness of the implementation of monetary policy among the developing countries. The development of monetary economics in selected developing countries, including Malaysia, will be examined. The experience of these countries will be used as an economic management policy to prevent a recurrence of a financial crisis. Among the topics that will be discussed include financial dualism in developing countries, monetary theory and economic growth, monetary policy in developing countries and international monetary issues that involve developing countries.

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**BEET2013 INTERNATIONAL ECONOMICS**  
**PRE-REQUISITE BEEB1013 PRINCIPLES OF ECONOMICS**

This course introduces a basic theory of international trade, which includes international trade and international finance. Graphical

analysis is used to understand various basic theories of international economics. Application of theories is also provided through discussions of current issues in the international trade and monetary relations.

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**BEET3013 INTERNATIONAL TRADE**  
**PRE-REQUISITE BEEB2013 MICROECONOMICS, BEEB2023**  
**MACROECONOMICS**

This course covers in detail the basic trade theory which includes: The basic theory of international trade, Neo-classical trade theory, Demand and Supply, Offer Curve and the Terms of Trade; Factor Endowments and the Heckscher - Ohlin Theory, New Trade Theories and Intra-industry trade, International Trade Policy, Tariff, Nontariff Trade Barriers, Political Economy of Protectionism and International Trade Policies; Trade Policy and income distributions, Trade Negotiation and Trade Policy, the concept of Economic Integration, Trade Creation, Trade Diversion, General Agreement on Trade and Tariffs (GATT) and World Trade Organization (WTO).

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**BEET3023 INTERNATIONAL FINANCE**  
**PRE-REQUISITE BEEB2013 MICROECONOMICS, BEEB2023**  
**MACROECONOMICS**

This course covers the balance of payment, the foreign exchange market and the determinants of nominal and real exchange rate through various theoretical models, foreign exchange market efficiency, speculation, and forecasting. In order to understand the gains from trade on international financial markets, how a country's access to IFM is likely to effect welfare of its citizens and how it may influence production decisions of its firm.

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**BEET3033 INTERNATIONAL INVESTMENTS**  
**PRE-REQUISITE BEEB2013 MICROECONOMICS, BEEB2023**  
**MACROECONOMICS**

This course will focus on the issues of real (productive) investment in the international arena, which are based on the flows of foreign direct investment (FDI) and the activities of multinational enterprise (MNE). This course will not include discussion on financial investment. The activities of international investment are divided into the movements of Foreign Direct Investment (FDI) and the business activities of Multinational Enterprise (MNE). Nonetheless, this division is often merely a conceptual tool. In practice, FDI and MNE are usually discussed as two sides of the same coin-whether in theory, impact analysis, or policy analysis.

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**BEET3043 INTERNATIONAL MONETARY INSTITUTION**

**PRE-REQUISITE BEEB2013 MICROECONOMICS, BEEB2023 MACROECONOMICS**

This course covers topic related to international monetary issues such as the foreign exchange market, balance of payment and the historical perspective of international monetary system. The advantages and disadvantages of the fixed exchange rate system and flexible exchange rate system, the formation and operations of the international organizations such as IMF (International Monetary Fund), World Bank and several current issues such as the Debt Crisis '80s and Asian Currency Crisis '97 will also be discussed in this course.

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**BEEI2053 LABOUR ECONOMICS**

**PRE-REQUISITE BEEB1013 PRINCIPLES OF ECONOMICS**

The course introduces labour economics from both aspect of Micro and Macroeconomics. The microeconomics part will focus on the determinants of the demand and supply of labour, how the labour demand and supply interact to determine the wage rate and quantity of labour in equilibrium, and issues related to labour market. The macroeconomics aspects will discuss the aggregate of labour market such as distribution of income, labour productivity, employment and the effects of wage rate on price level. From time to time, students will be exposed to the global elements of labour market as well as the discussion on labour markets in Malaysia.

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**BEEI3053 INDUSTRIAL ORGANIZATION**

**PRE-REQUISITE BEEB2013 MICROECONOMICS, BEEB2023 MACROECONOMICS**

Industrial organization is a branch of microeconomics with a heavy emphasis on imperfect market structures, particularly oligopoly. Topics of discussion include price and quantity determination strategies, entry-deterrent strategies, collusion, product differentiation, advertising, technological progress and price discrimination. Even though those topics are initially discussed in light of the traditional theory of oligopoly, the contributions and criticisms from game theorists are duly presented.

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**BEEI3063 INDUSTRIAL REGULATION**

**PRE-REQUISITE BEEB2013 MICROECONOMICS, BEEB2023 MACROECONOMICS**

This course is about the interaction of government and markets, in theory and practice. In particular, this course will deal with the interaction of government policies and business operations in an

economy that largely relies on the free enterprise systems. This course will also examine how public responds to the presence of monopoly through the enforcement of antitrust laws and regulation.

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**BEEI3073 MANAGERIAL ECONOMICS**

**PRE-REQUISITE BEEB2013 MICROECONOMICS, BEEB2023 MACROECONOMICS**

This course is an application of microeconomic principles to business decision making. Economic theory and quantitative methods are applied to managerial decision about pricing, production, profit maximization, risk and capital budgeting. The approach involves introducing basics concepts of managerial economics and then using these principles to analyze decision faced by the managers.

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**BEEI3083 INDUSTRIAL STUDY ANALYSIS**

**PRE-REQUISITE BEEB2013 MICROECONOMICS, BEEB2023 MACROECONOMICS**

The course will introduce students to recent statistical methods that are relevant and widely used in economic analysis of industries, e.g. growth analysis, methods of determining structural changes, forward-backward linkages concepts, input-output analysis and the role of industry in structural change. The main objective is to equip students with the capability to effectively use and understand statistical analysis in the field of industrial economics.