

SCHOOL OF ECONOMICS, FINANCE AND BANKING (SEFB)

Vision

To be an eminent school of Economics, Finance and Banking

Mission

To advance knowledge in Economics, Finance and Banking and develop leaders with holistic characteristics to serve the global community.

BACHELOR OF SCIENCE AGRIBUSINESS MANAGEMENT WITH HONOURS [BSc. Agribus. Mgmt. (Hons)]

INTRODUCTION

This programme is multi-disciplined, combining agricultural science, economics, and business management. The purpose of the programme is to produce graduates who are efficient managers of firms based on agriculture and natural resource.

PROGRAMME LEARNING OUTCOMES

The goal of the programme is to produce graduates with breadth and depth of knowledge, as well as positive personalities. Specifically, the learning outcomes of the program are as follows:

1. To enhance knowledge and understanding of concepts, theories, and practices in the field of agribusiness.
2. To plan, analyse and identify solutions to agribusiness-related problems.
3. To upgrade the interaction skills with society and stakeholders aside from emphasizing social responsibility towards society and nation in the related fields.
4. To become an efficient, effective, and ethical businessman and manager.
5. To communicate effectively in oral and writing, possess leadership skills, and be able to work in groups at any level.
6. To integrate and synthesize agribusiness issues in the organization, as well as able to assess planning, execution, and solution options within the organization and the community.
7. To improve skills in gathering and utilizing the formation using ICT and to enhance knowledge through life-long learning.
8. To manage limited agriculture resources to achieve optimum efficiency and identify business opportunities through entrepreneurial skills learned

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

Career prospects for graduates in this field are bright. Due to the flexibility of the programme structure, its graduates can work in a wide range of sectors. The program has also prepared the graduates to not only be efficient employees but also to be capable managers, especially in Agri-related sectors. Variety of career opportunities including Business Owner/Entrepreneur, Investment/Financial Planner, Manager, Sale Executive, Agriculture Analyst, Marketer, and Research Officer.

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PROGRAMME STRUCTURE FOR BACHELOR OF SCIENCE AGRIBUSINESS MANAGEMENT WITH HONOURS [BSc. Agribus. Mgmt. (Hons)]

The Bachelor of Science in Agribusiness Management with Honours consists of the following **FIVE (5)** components:

COMPONENT	CREDIT HOURS
A. UNIVERSITY CORE COURSES	12
B. ENGLISH CORE COURSES	6
C. PROGRAM CORE COURSES	87
D. LANGUAGE COMPONENT	9
E. FREE ELECTIVE	3
F. INDUSTRIAL TRAINING	8
TOTAL CREDIT HOURS	125

To be awarded a Bachelor of Science Agribusiness Management with Honours, a student is required to take and pass a minimum of 125 credit hours which include courses in the program structure as shown below:

A. UNIVERSITY CORE (12 CREDIT HOURS)

i. Malaysian Students

CODE	COURSES	CREDIT HOURS
MPU1012	Falsafah dan Isu Semasa	2
MPU1022	Penghayatan Etika dan Peradaban	2
MPU1042	Kenegaraan Malaysia	2
MPU1052	Asas Keusahawanan	2
MPU1062	Integriti dan Antirasuah	2
VXXXXXXX	Co-curriculum	2
TOTAL CREDIT HOURS		12

ii. International Students

CODE	COURSES	CREDIT HOURS
MPU1012	Falsafah dan Isu Semasa	2
OR	OR	OR
MPU1022	Penghayatan Etika dan Peradaban	2
MPU1032	Bahasa Melayu Asas kepada Penutur Asing	2
MPU1052	Asas Keusahawanan	2
MPU1042	Kenegaraan Malaysia	2
MPU1062	Integriti dan Antirasuah	2
VXXXXXXX	Co-curriculum	2
TOTAL CREDIT HOURS		12

Choose any **ONE (1)** of the Co-Curriculum courses. Students are subjected to conditions determined by the respective courses.

B. ENGLISH CORE COURSES (6 CREDIT HOURS)

NEW MUET	MUET	IELTS	TOEFL (iBT)	PTE ACADEMIC	CEFR LEVEL	COURSES	TOTAL CREDIT HOURS
1.0	BAND 1	< 4.0	0 - 31	0 - 29	A2	Foundation English + 2 core courses (B2, B2+)	9 credit hours *Foundation English is credit bearing but not included in CGPA
2.0 2.5	BAND 2	4.0 – 5.0	32 – 45	30 - 41	B1	2 core courses (B2, B2+)	6 credit hours
3.0 3.5	BAND 3	5.5	46 - 59	42 - 49	B2	2 core courses (B2, B2+)	6 credit hours
4.0 4.5	BAND 4	6.0 – 6.5	60 – 93	50 - 64	B2	1 core course (B2+) + 1 ESP (C1)	6 credit hours
5.0	BAND 5	7.0 – 8.0	94 - 114	65 - 82	C1	EXEMPTED FROM ANY ENGLISH LANGUAGE COURSES *except for language courses that are listed as programme core courses	-
5+	BAND 6	8.5 – 9.0	115 - 120	83 - 90	C2	EXEMPTED FROM ANY ENGLISH LANGUAGE COURSES *except for language courses that are listed as programme core courses	-

***STUDENTS WITH MUET BAND 5, BAND ABOVE AND STUDENTS FROM ENGLISH SPEAKING COUNTRIES ARE EXEMPTED FROM ANY ENGLISH LANGUAGE COURSES, EXCEPT FOR ENGLISH LANGUAGE COURSES THAT ARE LISTED AS PROGRAMME CORE COURSES. HOWEVER, THEY ARE ALLOWED TO REGISTER FOR ANY COURSES AS A FREE ELECTIVE.**

A student is required to take English core courses according to the MUET result taken during the application process.

NUMBER OF CREDIT HOURS FOR UNDERGRADUATE ENGLISH LANGUAGE COURSE

LIST OF COURSES			
PRE-REQUISITE/ COURSES	CONDITIONAL	UNIVERSITY CORE COURSES	ENGLISH FOR SPECIFIC PURPOSES COURSES [ESP]
MPB1013 Basic English Proficiency (Credit Bearing) (B1)		MPB2013 English Language Enrichment 1 (B2) MBP3013 English Language Enrichment II	<ul style="list-style-type: none"> • SBLEK3023 English for Small Group Communication • SBLEK3033 Report Writing • SBLEK3043 Hospitality English • SBLEK3053 Public Speaking Skills • SBLEK3063 English for Professional Communication

References:

MUET to IELTS – correlational study (2020) MEC
PTE Academic to IELTS – Pearson Education website (2020) recognised by British Council
TOEFL iBT scores to IELTS – www.ets.org linking study (2010)
IELTS to CEFR – Cambridge English

C. PROGRAMME CORE (87 CREDIT HOURS)

CODE	COURSES	CREDIT HOURS	PREREQUISITE
BETAK1013	Biology	3	NONE
BETAK1023	Chemistry	3	NONE
BETAK2013	Animal Husbandry	3	BETAK1013 AND BETAK1023
BETAK2023	Food Science	3	BETAK1013 AND BETAK1023
BETAK2033	Soil Science	3	BETAK1013 AND BETAK1023
BETAK2043	Agronomy	3	BETAK1013 AND BETAK1023
BETAK2053	Aquaculture Management	3	BETAK1013 AND BETAK1023
BPMNK1013	Principles of Management	3	NONE
BKANK1013	Basic Accounting	3	NONE
BWFFK1013	Basic Finance	3	NONE
BPMNK3023	Strategic Management	3	Have taken and passed 90 credit hours
BJTNK2033	Operation and Production Management	3	SQQSK1013 AND SQQMK1023
BJTNK3073	Purchasing and Supply Chain Management	3	BJMPK2033
BEEBK1013	Principles of Economics	3	NONE
BEEBK2013	Microeconomics	3	BEEBK1013
BEEBK2023	Macroeconomics	3	BEEBK1013
GLULK3223	Agribusiness Law	3	NONE
BEEAK3113	Agricultural Production Economics	3	BEEBK2013 AND BEEBK2023
BEEAK3033	Agribusiness Finance	3	BEEBK2013 AND BEEBK2023
BEEAK3123	Agribusiness Management	3	BEEBK2013 AND BEEBK2023
BEEAK3133	Agricultural Development Economics	3	BEEBK2013 AND BEEBK2023
BEEAK3153	Agricultural Marketing	3	BEEBK2013 AND BEEBK2023
BEEAK3163	International Agricultural Trade	3	BEEBK2013 AND BEEBK2023
BPMNK3123	Management Ethics	3	Have taken and passed 70 credit hours
SQQMK1023	Managerial Mathematics	3	NONE
SQQSK1013	Elementary Statistics	3	NONE
BEERK3043	Research Methods	3	BEEBK2013 AND BEEBK2023
SBLEK3143	Report Writing	3	MPB3013
SBLEK3173	English for Professional Communication	3	MPB3013
TOTAL CREDIT HOURS			87

D. LANGUAGE COMPONENT (9 CREDIT HOURS)

Students **MUST** complete the first until the third level of **Mandarin Language**.

CODE	COURSES	CREDIT HOURS	PREREQUISITE
SBLFK1053	Mandarin Language I	3	NONE
SBLFK2053	Mandarin Language II	3	SBLFK1053 Mandarin Language I
SBLFK3053	Mandarin Language III	3	SBLFK2053 Mandarin Language II

Exception for Mandarin Language requirement:

- Chinese students can choose any foreign language course **EXCEPT** Mandarin.
- Any students from a Chinese medium school can choose any of the foreign language courses **EXCEPT** Mandarin.
- Students from Religious schools are not allowed to take Arabic.
- 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.
- Students need to complete the first stage, second and third stage of any language course chosen.

E. FREE ELECTIVE (3 CREDIT HOURS)

Students can choose **ONE (1)** course offered by **OTHER SCHOOLS** considering the following:

- a. Must meet the prerequisite of the courses if such courses require prerequisites.
- b. Equivalent courses cannot be considered free elective courses.

F. INDUSTRIAL TRAINING (8 CREDIT HOURS)

CODE	COURSES	CREDIT HOURS	PREREQUISITE
BETXK4988	Industrial Training	8	Have taken and passed all courses under the programme structure

Students must complete industrial training in the **SEVENTH (7)** semester of their studies for **FOUR (4)** months.

PROPOSED COURSES BY SEMESTER FOR BACHELOR OF SCIENCE AGRIBUSINESS MANAGEMENT WITH HONOURS
[BSc. Agribus. Mgmt. (Hons)]

1 ST SEMESTER			2 ND SEMESTER		
Code	Courses	Credit Hours	Code	Courses	Credit Hours
MPU1042	Malaysian Nationhood Studies	2	MPU1012	Falsafah dan Isu Semasa	2
MPB2113	English Language Enrichment I	3	MPB3123	English Language Enrichment II	3
BETAK1013	Biology	3	BECA1023	Chemistry	3
BEEBK1013	Principles of Economics	3	BEEB2013	Microeconomics	3
BKANK1013	Basic Accounting	3	BWFF1013	Basic Finance	3
BPMNK1013	Principles of Management	3	SQQM1023	Managerial Mathematics	3
SQQSK1013	Elementary Statistics	3	SBLFK1053	Mandarin Language I	3
JUMLAH KREDIT		20	JUMLAH KREDIT		20
3 RD SEMESTER			4 TH SEMESTER		
Code	Courses	Credit Hours	Code	Courses	Credit Hours
MPU1062	Integriti dan Antirasuah	2	BETAK2013	Animal Husbandry	3
BETAK2023	Food Science	3	BETAK2043	Agronomy	3
BETAK2053	Aquaculture Management	3	BEEAK3033	Agribusiness Finance	3
BEEBK2023	Macroeconomics	3	BEEAK3153	Agricultural Marketing	3
SBLFK2053	Mandarin Language II	3	BEEAK3133	Agricultural Development Economics	3
XXXXXXXXXX	Free Elective	3	SBLFK3053	Mandarin Language III	3
VXXXXXXXXX	Co-Curriculum	1	VXXXXXXXXX	Co-Curriculum I	1
JUMLAH KREDIT		18	JUMLAH KREDIT		19
5 TH SEMESTER			6 TH SEMESTER		
Code	Courses	Credit Hours	Code	Courses	Credit Hours
MPU1052	Principles of Entrepreneurship	2	MPU1022	Penghayatan Etika dan Peradaban	2
BETAK2033	Soil Science	3	BEEAK3113	Agricultural Production Economics	3
BEEAK3163	International Agricultural Trade	3	BEERK3043	Research Methods	3
BEEAK3123	Agribusiness Management	3	GLULK3223	Agribusiness Law	3
BJTNK2033	Operation and Production Management	3	BJTNK3073	Purchasing and Supply Chain Management	3
BPMNK3123	Management Ethics	3	BPMNK3023	Strategic Management	3
SBLEK3143	Report Writing	3	SBLEK3173	English for Professional Communication	3
JUMLAH KREDIT		20	JUMLAH KREDIT		20
7 TH SEMESTER					
Code	Courses	Credit Hours			
BETXK4988	Industrial Training	8			
JUMLAH KREDIT		8			

Total Overall Credit Hours: 125 credit hours

COURSES OFFERED BY SEMESTER

CODE	COURSES	SEM I	SEM II
BETAK1013	Biology	/	/
BETAK1023	Chemistry	/	/
BETAK2013	Animal Husbandry		/
BETAK2023	Food Science	/	/
BETAK2033	Soil Science	/	/
BETAK2043	Agronomy	/	/
BETAK2053	Aquaculture Management	/	
GLULK3223	Agribusiness Law		/
BEEAK3113	Agricultural Production Economics	/	/
BEEAK3033	Agribusiness Finance	/	/
BEEAK3123	Agribusiness Management	/	/
BEEAK3133	Agricultural Development Economics	/	/
BEEAK3153	Agricultural Marketing	/	/
BEEAK3163	International Agricultural Trade	/	/

*For other courses, students must refer to the respective academic guide related to the course.

COURSE SYNOPSIS

BETAK1013 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.

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BETAK1023 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, inorganic, and biochemical.

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BETAK2013 ANIMAL HUSBANDRY

PRE-REQUISITE BETAK1013 BIOLOGY, BETAK1023 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.

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BETAK2023 FOOD SCIENCE
PRE-REQUISITE BETAK1013 BIOLOGY, BETAK1023 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.

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BETAK2033 SOIL SCIENCE
PRE-REQUISITE BETAK1013 BIOLOGY, BETAK1023 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.

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BETAK2043 AGRONOMY
PRE-REQUISITE BETAK1013 BIOLOGY, BETAK1023 CHEMISTRY

Agronomy is the science and technology of using plants for food, fuel, feed, and fibre. 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.

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BETAK2053 AQUACULTURE MANAGEMENT
PRE-REQUISITE BETAK1013 BIOLOGY, BETAK1023 CHEMISTRY

This course introduces the history and development of aquaculture sector nationally and globally. It consists of the economics and management of aquaculture production. The aquaculture management include seed management, feed management, water management, health management, postharvest management and more. This course also covers the environmental and social issue in aquaculture production.

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BEEAK3033 AGRIBUSINESS FINANCE
PRE-REQUISITE BEEBK2013 MICROECONOMICS, BEEBK2023 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 criteria by financial institutions, credit analysis and preparation of paperwork for loan applications.

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BEEAK3113 AGRICULTURAL PRODUCTION ECONOMICS
PRE-REQUISITE BEEBK2013 MICROECONOMICS, BEEBK2023 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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BEEAK3123 AGRIBUSINESS MANAGEMENT
PRE-REQUISITE BEEBK2013 MICROECONOMICS, BEEBK2023 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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BEEAK3133 AGRICULTURAL DEVELOPMENT ECONOMICS
PRE-REQUISITE BEEBK2013 MICROECONOMICS, BEEBK2023 MACROECONOMICS

This course aims to expose the students to the process of agricultural development and changes from traditional to commercial agriculture within the context of an industrializing economy. In general, the objective of this course is to appreciate the role of agriculture in the various economy. Lastly, this course provide framework to understand and analyse the public policies applied to agriculture sector.

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BEEAK3153 AGRICULTURAL MARKETING
PRE-REQUISITE BEEBK2013 MICROECONOMICS, BEEBK2023 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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BEEAK3163 INTERNATIONAL AGRICULTURAL TRADE
PRE-REQUISITE BEEBK2013 MICROECONOMICS, BEEBK2023 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.

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