
BACHELOR OF SCIENCE IN AGRIBUSINESS MANAGEMENT

Program Description

The Bachelor of Science in Agribusiness Management equips students with fundamental production and management skills to enable them to successfully run an agri-business venture in response to both the social need for food security and the environmental imperative of adopting sustainable and ecologically sound farming practices and models. This will be achieved through a holistic approach characterized by a harmonious and balanced mix of lecture, student-enabling techniques/activities, heavy laboratory activities and as well as carefully supervised processed trips to reputable and successful agribusiness institutions or operations.

Program Educational Objectives:

Within three to five years after obtaining a bachelor's degree in Agriculture Management graduates are expected to:

1. Exhibited exemplary operations management skills, knowledge and attitude essential in the successful conduct of agribusiness operations in the Philippines and abroad.
2. Demonstrated high degree of professionalism in their careers through critical thinking, effective communication as well as social and ethical responsibility.
3. Progressed in their field of expertise by their confident assumption of managerial and leadership positions in work, community and organizations.
4. Pursued graduate studies, certifications, trainings in agribusiness and allied management fields to enhance professional skills.

Program Outcomes

By the time of graduation, the students of the program shall have develop the ability to:

1. Demonstrate a commitment for the continuous pursuit of improved agricultural production systems.
2. Design effective government compliance and collaboration plans geared towards a system of mutual support and collaboration.
3. Assess market and economic sector needs in the context of improved agricultural productivity and sustainability towards national food security.
4. Collaborate with economic sectors in designing wealth sharing arrangements contributing to agricultural manpower development for a peaceful, just and humane society.
5. Participate in generating new knowledge through research and technological innovations in agricultural production aligned with the national development agenda.
6. Demonstrate a flexible attitude in solving agricultural challenges and issues.
7. Design production systems with environment protection components.

Admission Policies

1. Passing of any basic business prerequisite subjects
2. Passing any evaluation activity as required by the Department .
3. Passing the interview with the Department Chairperson.
4. Non-ABM SHS graduates must take Accounting 1 Bridging Course

Retention Policies

1. Once admitted to the program, the students are advised to maintain a passing grade in their major courses. Students who fall short of this retention requirement are placed ON PROBATION for one semester. However, if they have no failing grade in the succeeding semester, the probationary status is lifted; otherwise, they will be advised to shift to another program.
2. Students in the program must not incur more than 24 units of failures for the duration of their study; otherwise, they will be dropped from the program.
3. Students should not fail in more than two (2) major courses in any given semester; otherwise, they will be dropped from the program.

BACHELOR OF SCIENCE IN AGRIBUSINESS MANAGEMENT
FIRST YEAR
First Semester

		Lec Units	# of hrs/wk	Lab Units	# of hrs/wk	Total Credit Units	Total Assessed Units
BMICRO	Basic Micro Economics	3	3	0	0	3	3
BMG1	Management	3	3	0	0	3	3
MRKT100	Marketing Management	3	3	0	0	3	3
NSTP1	NSTP1	3	3	0	0	3	3
PED1	Physical Education 1 (Wellness and Fitness)	2	2	0	0	2	2
PCOM	Purposive Communication	3	3	0	0	3	3
RHIST	Readings in Phil History	3	3	0	0	3	3
IRS1	Lasallian Spirituality	3	3	0	0	3	3
	Total	23	23	0	0	23	23

Second Semester

		Lec Units	# of hrs/wk	Lab Units	# of hrs/wk	Total Credit Units	Total Assessed Units
OMTQM	TQM	3	3	0	0	3	3
GSR	Good governance and Social Responsibility	3	3	0	0	3	3
BMACRO	Major 1: Basic macro economics	3	3	0	0	3	3
NSTP2	NSTP 2	3	3	0	0	3	3
PED2	Physical Education 2 (Team Sports and Rhythmic Activities)	2	2	0	0	2	2
PSPEAK	Public Speaking in the Discipline	3	3	0	0	3	3
MATHMW	Mathematics in the Modern World	3	3	0	0	3	3
IGG	GG	1.5	1.5	0	0	1.5	1.5
IRS2	Christian Morality	3	3	0	0	3	3
	Total	24.5	24.5	0	0	24.5	24.5

SECOND YEAR
First Semester

		Lec Units	# of hrs/wk	Lab Units	# of hrs/wk	Total Credit Units	Total Assessed Units
FINVA100	Financial and Investment Analysis	3	3	0	0	3	3
HRMGT	Human Resource Management	3	3	0	0	3	3
AGRIB101	Fundamentals of Agribusiness	3	3	0	0	3	3
AGRIB102	Introduction to Animal Science	3	3	0	0	3	3
PED3	Physical Education 3 (Swimming and Recreation)	2	2	0	0	2	2
ETHICS	GE6 (Ethics)	3	3	0	0	3	3
GBOOKS	Great Books	3	3	0	0	3	3
AGRIB103	Fundamentals of Crop Science	3	3	0	0	3	3
	Total	23	23	0	0	23	23

Second Semester

		Lec Units	# of hrs/wk	Lab Units	# of hrs/wk	Total Credit Units	Total Assessed Units
FS100	Feasibility Study	3	3	0	0	3	3
AGRIB 104	Livestock and Poultry Production	3	3	0	0	3	3
AGRIBEL1	Elective 1 (Entrepreneurial Management)	3	3	0	0	3	3
GCHEM	General Chemistry	3	3	2	6	5	5
PED4	Physical Education 4 (Individual Dual Sports)	2	2	0	0	2	2
CWRLD	GE3 (Contemporary World)	3	3	0	0	3	3
USELF	GE1 (Understanding the Self)	3	3	0	0	3	3
AGRIB105	Food Processing and Technology computer something	3	3	0	0	3	3
	Total	26	26	2	0	28	28

THIRD YEAR

First Semester

		Lec Units	# of hrs/wk	Lab Units	# of hrs/wk	Total Credit Units	Total Assessed Units
TXTN1	Taxation (Income Taxation)	3	3	0	0	3	3
STRAT100	Strategic Management	3	3	0	0	3	3
AGRIB106	Crop Protection	3	3	0	0	3	3
ARTAP	GE7 (Art Appreciation)	3	3	0	0	3	3
AGRIB107	Soil Science and Management	3	3	0	0	3	3
AGRIBEL3	Elective 3 (Product Development)	3	3	0	0	3	3
IRS3	Spirituality in the Work Place	3	3	0	0	3	3
AGRIB108	Agricultural Engineering	3	3	0	0	3	3
AGRIBEL2	Elective 2 (Alternative Farming Models and Prac	3	3	0	0	3	3
Total		27	27	0	0	27	27

Second Semester

		Lec Units	# of hrs/wk	Lab Units	# of hrs/wk	Total Credit Units	Total Assessed Units
AGRIBEL4	Elective 4 (Sugar Technology)	3	3	0	0	3	3
COMLAW1	Business Law (CLaw1)	3	3	0	0	3	3
AGRIB109	Aqua culture Management	3	3	0	0	3	3
AGRIBEL5	Elective 5 (Small Business Org and Mgt)	3	3	0	0	3	3
STS	GE11 (Science, Technology and Society)	3	3	0	0	3	3
BSTAT	Business Statistics	3	3	0	0	3	3
IBT100	International Business and Trade	3	3	0	0	3	3
AGRIB110	Agribusiness Research Methods	3	3	0	0	3	3
AGRIB112	Fundamentals of Horticulture	3	3	0	0	3	3
Total		27	27	0	0	27	27

FOURTH YEAR

First Semester

		Lec Units	# of hrs/wk	Lab Units	# of hrs/wk	Total Credit Units	Total Assessed Units
RIZAL	RIZAL (GE12)	3	3	0	0	3	3
COMLAW2	CLAW2	3	3	0	0	3	3
AGRIB113	Agricultural Extension	3	3	0	0	3	3
AGRIB111	Special problem/Thesis/Field Study	3	3	0	0	3	3
ECON104	Managerial Economics	3	3	0	0	3	3
TXTN2	TAX 2	3	3	0	0	3	3
BLOGIC	Business Logic	3	3	0	0	3	3
Total		21	21	0	0	21	21

Second Semester

		Lec Units	# of hrs/wk	Lab Units	# of hrs/wk	Total Credit Units	Total Assessed Units
AGRICPRAC	Internship	6	6	0	0	6	6
Total		6	6	0	0	6	6

ELECTIVES:

AGRIB201 Entrepreneurial Management
 AGRIB202 Alternative Farming Models and Practices
 AGRIB203 Product Dev for Agribusiness
 AGRIB204 Sugar Technology
 AGRIB205 Small Business Organization and Management
 AGRIB206 Intro to International Marketing

SUMMARY OF REQUIRED COURSES

Bachelor of Science in Agribusiness

	No. of Courses Required	Unit Equivalent	Total Units
General Education			
Understanding the Self	1	3	
Readings in Phillipine History	1	3	
The Contemporary World	1	3	
Mathematics in the Modern World	1	3	
Purposive Communication	1	3	
Art Appreciation	1	3	
Science, Technology and Society	1	3	
Public Speaking in Disicpline	1	3	
Philippine Literature	1	3	
Ethics (Business Ethics)	1	3	
Great Books	1	3	
Rizal's life	1	3	36
Other Courses			
NSTP	2	6	
PE	4	8	
Religious studies	3	9	
GG	1	1.5	
General Chemistry	1	5	29.5
Core Business and Management Education Courses			
Total Quality Management (TQM)	1	3	
Statagic Management	1	3	6
Business Core Courses			
Basic Microeconomics	1	3	
Business Law	2	6	
Business Logic	1	3	
Taxation	2	6	
Good Governance and Social Responsibility	1	3	
Human Resouce Management	1	3	
Business Statistics	1	3	
Financial and Investment Analysis	1	3	
Management	1	3	
Marketing Management	1	3	
International Business and Trade	1	3	
Basic Macroeconomics	1	3	
Feasibility Study	1	3	45
Professional Major Courses			
Fundamentals of Agribusiness	1	3	
Intoduction to Animal Science	1	3	
Fundamentals of Crop Sciece	1	3	
Livestock and Poultry Production	1	3	
Food Processing Technology	1	3	
Crop Protection	1	3	
Soil Science and Management	1	3	
Agricltural Engineering	1	3	
Aqua Culture Management	1	3	
Agribusiness Research Methods	1	3	
Fundamentals of Horticulture	1	3	
Agricultural Extension	1	3	
Special Problem/Thesis /Field Study	1	3	

Managerial Economics	1	3	42
Professional Elective Courses			
Entrepreneurial Management	1	3	
Alternative Farming Models and practices	1	3	
Product Development for Agribusiness	1	3	
Sugar Technology	1	3	
Small Business Organization and Management	1	3	
Introduction to International Marketing	1	3	15
Practicum	1	6	6
	Total		179.5

**MAJOR COURSE DESCRIPTIONS
BACHELOR OF SCIENCE IN AGRIBUSINESS****AGRIB101 3 units
FUNDAMENTALS OF AGRIBUSINESS**

The topics dealt with in this course are the basic concepts, principles, and procedures in agribusiness management. It covers the nature, scope, and forms of agribusinesses; the emergent technologies employed in agribusinesses; the requirements for starting an agribusiness; financial management, record keeping, accounting in agribusinesses; and the economic underpinnings affecting agribusinesses.

At the end of the Course, students will be able to define and differentiate an agribusiness from other forms of businesses, enumerating its scope and forms in the public and private domain; and discuss the prospects of these businesses in the next decade. The students will be able to appreciate the value of hard work, stewardship and Christian values as reflected in their decision making models. The final output of the course is a business proposal.

**AGRIB102 3 units
INTRODUCTION TO ANIMAL SCIENCE**

This course introduces the basics of animal husbandry/science, the terms used in poultry and livestock production, principles of animal behaviour, environmental considerations and the anatomy and physiology of the different major farm animals. This also touches the general economic considerations involving animal production.

At the end of the course, the students should be able to discuss the different biological systems of the major farm animals and how these affect production. They should be able to explain the underlying principles of animal behaviour, anatomy and physiology which dictate common production practices and determine which of these practices are more humane and sustainable in terms of the impact on the environment.

**AGRIB103 3 units
FUNDAMENTALS OF CROP SCIENCE**

This subject introduces students to the different crops of the world and those that are common in the Philippines for crop production. The first part deals with the definition of terms involved in crop science. The second part concerns itself with the different cropping systems of the different crops. The last part focuses on the cultural practices in producing agronomic crops and leaning towards organic crop farming. Through the course, the students will be able to understand the nuances of the different effects of the different crops, its importance to the economy and food security. It will help develop students' critical thinking, inculcate social responsibility and stewardship of our resources.

At the end of the course, students will be able to identify and differentiate the different crops common, its uses and the history of crop production. The students will be required to present a comprehensive and integrated production business plan of different crops and its production as part of the course requirement.

**AGRIB104 3 units
LIVESTOCK AND POULTRY PRODUCTION**

The course covers the basic concepts, principles and procedures in Livestock and Poultry production. It traces the history and current status of livestock and poultry around the world with the different terms peculiar to the subject matter. The students will be introduced to the different livestock and poultry breeds and management practices along with the integration of climate smart good agricultural practices focusing on selected breeds. At the end of the course, the students will appreciate the scope and depth of the field and in appreciation of its diversity, also appreciate the threats posed to this sector of agriculture. It imbues the students with gratefulness for the beauty of God's creation as well as the spirit of stewardship needed for its management.

At the end of the course, students will be able to enumerate and discuss the different concepts, terminologies and classification of animals under the context of poultry and livestock. Moreover, they will be able to discuss and apply the basic management requirements in raising poultry and livestock including basic slaughtering and animal processing and marketing. The output for the course will be a report on either one of the biological systems or a field in animal science to highlight the students learnings in terms of objective knowledge as well as in communication and practice.

**AGRIB105 3 units
FOOD PROCESSING TECHNOLOGY**

Essentially a stand alone course approaching a technological pocket model, the subject aims to introduce the students to the principles of food preservation and processing as a tool of achieving food security and adding value to the more common farm products. The course includes meats, dairy products, crops, fruits as sources of raw materials. It discusses handling, sanitation, canning baking and other processes. The course will introduce fundamental knowledge, practical skills and a flexible attitude in approaching the production processes. The course through its productive nature will challenge learners to realize their full potential. In engaging the natural resources of the world in the achievement of food security it also touches on the guiding principles of Christian Perspectives particularly in stewardship, human dignity and the guiding principle of responsible participation in the real world as Christian farmers, businessmen and employers.

At the end of the course, students will be able to practice and produce processed meat products under different production models with inputs on generating food security benefits, compliance with government policies and providing supplemental income to the labor sector involved.

**AGRIB106
CROP PROTECTION****3 units**

This subject introduces students to the different pests, their symptoms, signs and controls of crops and animals. The first part deals with the definition of terms involved in pest management. The second part concerns itself with the pests of crops their symptoms, signs and controls. The last part focuses on pests of animals, their symptoms, signs and controls. Through the course, the students will be able to understand the nuances of the different effects of the different pests and the interlocking effect of their controls. It will help develop students' critical thinking, inculcate social responsibility and stewardship of our resources.

At the end of the Course, students will be able to Identify, explain and discuss the alternative pest control practices existing today. Students will be required to present a comprehensive and integrated production schedule of different crops and animals as part of the course requirement.

**AGRIB107
SOIL SCIENCE AND MANAGEMENT****3 units**

The course introduces the students to soil properties and processes and relationships to land use, plant growth and environmental quality. The lectures, discussion and exercises are designed to develop basic skills and understanding that will promote awareness of the real world agribusiness development. Thus, this course will enable students to exhibit their utmost potential in strategy thinking and analysis, leadership, communication and teamwork in agribusiness.

At the end of the course, students will be able to develop a comprehensive report on an agribusiness organization highlighting its best soil management practices, how it leads to the success of the featured business and how it can be a model to other agri-entrepreneurs.

**AGRIB108
AGRICULTURAL ENGINEERING****3 units**

This course deals with the basics of farm structures, irrigation and drainage, crop processing, storage and marketing, farm machineries, and meteorology. It focuses on the importance of farm buildings and accessories, principles of irrigation and drainage and their application, the proper processing, packaging, storage, and marketing of crop and livestock products, and the farm machineries and equipment that are important and appropriate to modern agribusiness practice. Finally, it will make them totally aware of the impact of modern crop production to the whole agriculture industry and become key players in it.

At the end of the course, students will be able to discuss the basis for decisions in applying irrigation, and the important considerations in soil drainage; and determine the important and appropriate machineries in any given agribusiness situation. Further, students are required to submit a comprehensive report on the best agricultural engineering practices applied in the past and in the most recent times producing best yield and results in the agribusiness field.

**AGRIB109
AQUACULTURE MANAGEMENT****3 units**

An introductory course to Aquaculture production management, it concentrates on the present situation of the domestic and global aquaculture industry. It introduces the different and major aquaculture species and their special requirements for culture, disease management, nutrition, water management, processing, packaging and marketing. The course will establish fundamental knowledge, practical skills and a flexible attitude in approaching aquatic species production. The course through its productive nature will challenge learners to realize their full potential. In engaging the natural resources of the world in the achievement of food security it also touches on the guiding principles of Christian Perspectives particularly in stewardship, human dignity and the guiding principle of responsible participation in the real world as Christian farmers, businessmen and employees.

At the end of the course, students will be able to assess market and economic sector needs in the context of improved agricultural productivity and sustainability towards national food security. Further, the students will be able to collaborate with economic sectors in designing wealth sharing arrangements contributing to agricultural manpower development for a peaceful, just and humane society.

**AGRIB110
AGRIBUSINESS RESEARCH METHODS****3 units**

This is a terminal program requirement in the form of research on a special problem or as a thesis or field study, applying the theories and concepts learned from previous courses in the program, utilizing basic research concepts, methods and techniques on a selected agribusiness topic. Using a collaborative learning approach, students are required to submit and successfully defend a research proposal on a selected agribusiness problem in line with current issues in the field and applying the theories, concepts and skills they have learned in the course. This research proposal will then be fully implemented, reported and defended in Agri 114 (Special Problem/Thesis/Field Study).

At the end of the Course, students will be able to assess current situation and Identify critical challenges in the field of agribusiness or agriculture then develop a research problem from this assessment.

AGRIB111 3 units**Special Problem/Thesis/ Field Study**

This is a terminal program requirement in the form of research on a special problem or as a thesis or field study, applying the theories and concepts learned from previous courses in the program, utilizing basic research concepts, methods and techniques on a selected agribusiness topic. Using a collaborative learning approach, students are required to successfully conduct the approved research proposal on a selected agribusiness problem in line with current issues in the field and applying the theories, concepts and skills they have learned in the course. This research will be defended for the final time with external panelists' expert on the topic.

At the end of the course, students will be able to critically analyze and answer the objectives of the study proposed in Agrib110 and create operational and policy recommendations arising from the challenges and problems identified therein.

AGRIB112 3 units**Fundamentals of Horticulture**

The course deals with commercial production of vegetables, fruit trees and ornamentals with emphasis on their soil, climate, and other environmental requirements, propagation, harvesting, processing, storage and marketing. The course will introduce fundamental knowledge, practical skills and a flexible attitude in approaching the production processes. The course through its productive nature will challenge learners to realize their full potential. In engaging the natural resources of the world in the achievement of food security it also touches on the guiding principles of Christian Perspectives particularly in stewardship, human dignity and the guiding principle of responsible participation in the real world as Christian farmers, businessmen and employers.

At the end of the course, the students will be able to develop a feasibility study for specific horticultural crops raised under different production models with inputs on generating food security benefits, compliance with government policies and providing supplemental income to the labor sector involved.

AGRIB113 3 units**Agricultural Extension and Communication**

The course is designed to introduce students to the true meaning, history and philosophy of agricultural extension operation in Negros Occidental and the Philippines. In this course, students are expected to learn about the objectives and principles of agricultural extension and agricultural knowledge systems. Moreover, students will be introduced to the various models and approaches to organizing agricultural extension and methods of extension teaching. Here, students will be introduced to diagnosing development issues in rural communities and the use of participatory rural appraisal tools and techniques. Finally, students are expected to be introduced to the process of planning and development of an extension programme.

At the end of this course, the students are expected to plan, develop, implement, evaluate and document an agricultural extension programme.

Electives**AGRIB201 3 units****Entrepreneurial Management**

This deals with the approaches that entrepreneurs use in identifying opportunities and creating new ventures, the analytical skills that are needed to practice these approaches, and the background knowledge and managerial skills that are necessary for dealing with the recurring issues involved in starting, growing and harnessing the value of new ventures. Students will learn and apply the personal characteristics, competencies and motivation generally associated with successful entrepreneurs.

At the end of the course, students will be able to identify unmet and underserved product needs of specific customer groups and develop it into a comprehensive business plan or business analysis anchored on one's knowledge and skills in management, marketing, accounting, finance and economics.

AGRIB202 3 units**Alternative Farming Models and Practices**

This subject introduces students to the different alternative farming practices or systems presently practiced. The first part deals with the components of both crop and animal production per conventional practices. The second part concerns itself with the well known alternative farming systems/advocacies/modalities. The last part focuses on hybridizing conventional production schedules into organic one for specific crops and animals. Through the course, the students will be able to understand the nuances of agricultural production from an integrated perspective as it presents all aspects of production and differing organic approaches. It will help develop students' critical thinking, inculcate social responsibility and stewardship of our resources.

At the end of the Course, students will be able to review, interpret and evaluate conventional crop and animal production practices and make recommendations on the effects of these on profit, environment and marketing. Further, students are required to present a comprehensive and integrated production schedule of different crops and animals as part of the course requirement.

AGRIB203 3 units**Product Development for Agribusiness**

This is a three (3) unit course offered for Agribusiness Management students which requires them to study product development using agricultural inputs, whether consumable or non-consumable comprehensively from the initial concept to final sellable product including taste testing for consumable products or product demonstration for non-consumable products, prototype development, regulatory considerations and final marketing and sale. The entire process will make them realize how omniscient God, as

our Creator is. This course would make them feel thankful to God for being so generous to His children, providing all their basic needs just as in nature which is within their reach. The course would make them appreciate the value of God's creation and their role as stewards, and therefore, would move them to protect the environment.

At the end of the Course, students will be able to prepare market needs analysis anchored on environmental scanning and select business opportunities within the industry or sector and Initiate relevant campaigns for environmental awareness and protection.

AGRIB204

3 units

Sugar Technology

This course introduces students to the sugar industry in the Philippines. Concentrating on the raw materials and the steps it undergoes to produce refined sugar, it nevertheless, also discusses the by products such as bagasse, mud press, molasses, and their alternative uses for energy, fertilization, etc. It also devotes a section on adaptation of sugar mills to ethanol production as well as electrical co generation.

At the culmination of the subject, the students should be able to enumerate and discuss the different steps of sugarcane growing, harvest and cane transport, raw sugar production, the uses of the by products , as well as evaluating and making recommendations for cane growers and sugar mills for sustainability in operation.

AGRIB205

3 units

Small Business Organization and Management

This course is designed to provide students the opportunity to learn and practice the skills required to open and operate a successful home-based business using the entrepreneurial concepts of business management, including planning, raising capital, utilizing business information, managing employees, and marketing products and services. The course includes the principles needed to operate a business and is designed for those who plan to have their own businesses and for those who desire to upgrade their entrepreneurial skills.

Upon completion of the course, engage in entrepreneurial activities and create products or services that support or promote the conservation and protection of the environment; and converting it into a comprehensive business plan.

AGRIB206

3 units

Introduction to International Marketing

This Course will make students learn the basic principles of Global trade, importance of cultural, economic and political environment and the identification of international trade entry strategies to make companies competitive. There will also be application of these principles in the analysis of variety of cases and presentation of the same in class, develop a critical attitude in evaluation of appropriate strategy to be used in entering different types of globalized markets.

By the end of the course the students are expected to prepare a country profile where they will identify a specific export commodity and a country which is a potential market for the commodity chosen. Further, they are to critically integrate different environmental factors in formulating international marketing strategies, centered on market entry strategies with environmental considerations.