



ADMISSION & ENROLLMENT REQUIREMENTS

Applicants must submit the following:

- Original copy of Honorable Dismissal/Transfer Credential
- Photocopy of Transcript of Records
- Original copy of Birth Certificate from PSA
- Original copy of Medical Certificate with Chest X-ray
- 6 pcs. passport size ID picture with nametag and with white background
- 3 pcs. long folder



AAFS NO. AFF-06-154

✉ Cor. Gov. Ortega St., Catbangan
San Fernando City, La Union
2500 Philippines

☎ Telefax (+63) (72) 242-36-08

✉ ous@dmmmsu.edu.ph

📘 <https://www.facebook.com/dopeniversity/>

Philosophy
Total human development with appropriate competencies

Vision
A premier and globally competitive university

Mission
Provides relevant quality instruction, research and extension

Goal
To lead in transforming human resources into productive, self-reliant citizens and responsible leaders

Goal of the DMMMSU Open University

To provide distance education to people who have no access to schools, colleges, and universities or to those who, for one reason or another, cannot avail themselves of the conventional mode of instruction.



dmmmsu.edu.ph



**DON MARIANO MARCOS
MEMORIAL STATE UNIVERSITY
OPEN UNIVERSITY SYSTEM**



BACHELOR OF SCIENCE IN
AGRICULTURE
MAJOR IN HORTICULTURE

BOR No. 2010-10

PROGRAM DESCRIPTION

Bachelor of Science in Agriculture (BSA) is a program designed for students, teachers, researchers, extension workers, agricultural technicians and office workers who wish to gain knowledge and skills in agriculture.

This program aims to prepare horticulturists equipped with knowledge, skills, and values to serve the needs of the region for countryside development.

PROGRAM OBJECTIVES/OUTCOMES

The main objective of the BSA Program is to produce graduates who are equipped with concepts, techniques, and scientific attitudes for horticultural endeavors. Specifically, it aims to:

- Provide the graduates with adequate knowledge and skills on the cultural and post-harvest practices of horticultural crops.
- Generate and disseminate scientific information on horticultural crop production.
- Engage in horticultural crop production.

MODE OF INSTRUCTION

A student enrolled in the program will be given a learning package (Modules) to read and to work on. He/she can choose any of the three modes of learning.

1. Group Paced Learning

Students follow a fixed class schedule at least once to twice a month on Saturdays to meet their tutors for discussion, seminars, symposia, and/or conferences to enrich their learning experience. Students are expected to submit written assignments, and sit in supervised examinations at the University.

2. Self-Paced or Individualized

A student is provided with his/her own tutor and a class schedule. Modules, independent researches and other instructional materials are laid down by the tutors who help the student enhance his/her knowledge, skills and attitudes. The student is required to visit the University as scheduled.

3. Online Learning

A student is provided with his/her own tutor online and a class schedule. Tutors utilize an open source learning management system (LMS) as virtual classroom and other communication tools available today. The student may

CURRICULAR OFFERINGS

FIRST YEAR

Course	Description	Units
First Semester		
GECC 101a/b	Art Appreciation / Pagpapahalaga sa Sining	3
FILI 101	Kontekswalisadong Komunikasyon	3
PhEd 101	Fundamentals of Physical Fitness	2
NSTP 101	ROTC/CWTS/LTS 1	3
Second Semester		
GECC 102a/b	Purposive Communication/Malayuning Komunikasyon	3
FILI 102	Filipino sa Iba't Ibang Disiplina *FILI 101	3
PhEd 102	Individual and Dual Sports	2
NSTP 102	ROTC/CWTS/LTS 2 *NSTP 101	3
Summer		
GEMC 101a/b	The Life and Works of Rizal/ Ang Buhay at Akda ni Rizal	3
LITT 101	Sosyedad at Literatura/Panitikang Panlipunan	3
PhEd 103	Dances *PhEd 101	2

SECOND YEAR

First Semester		
GECC 103a/b	Mathematics in the Modern World/Matematika sa Makabagong Daigdig	3
GECC 104a/b	Ethics/Etika	3
LITT 102	Sinesosyedad/Pelikulang Panlipunan *LITT 101	3
PhEd 104	Team Sports	2
Second Semester		
GECC 105a/b	Science, Technology & Society/Agham, Teknolohiya at Lipunan	3
GECC 106a/b	Readings in Philippine History/Babasahin Hinggil sa Kasaysayan ng Pilipinas	3
GECC 107a/b	The Contemporary World/Ang Kasalukuyang Daigdig	3
GECC 108a/b	Understanding the Self/Pag-unawa sa Sarili	3

THIRD YEAR

First Semester		
CACC 107	Introduction to Animal Science	3
CACC 101	Principles of Crop Production	3
CACC 116	Organic Chemistry	3
CACC 105	Principles of Soil Science	3
Second Semester		
CACC 103	Principles of Crop Protection	3
CACC 113	Principles of Genetics	3
CACC 108	Livestock and Poultry Production *CACC 107	3
CACC 106	Soil Fertility and Conservation Management *CACC 105	3

FOURTH YEAR

First Semester		
CACC 102	Practices of Crop Production *CACC 101	3
CACC 117	General Biochemistry *CACC 116	3
CACC 109	Introduction to Organic Agriculture *CACC 101	3
CACC 104	Approaches and Practices of IPM *CACC 103	3
Second Semester		
CACC 115	Methods of Agricultural Research	3
CACC 110	Principles of Agricultural Extension & Communication	3
CACC 112	Basic Farm Machineries and Mechanization	3
CACC 118	Natural Resource & Environmental Management	3
Summer		
CACC 111	Principles of Agricultural Entrepreneurship & Marketing	3
CACC 119	Introduction to Agricultural Policy and Development	3
CAMC 102	General Physiology and Toxicology *CACC 102	3

FIFTH YEAR

First Semester		
CACC 121	Seminar A *GECC 102/GECC 108	1
CAMC 105 (Major 1)	Plant Growth and Development *CACC 102	3
CAMC 106 (Major 2)	Plant Propagation & Nursery Management *CACC 102	3
AGRI 101	Thesis Outline (Thesis 1) *CACC 115	3
CACC 114	Basic Biotechnology *CACC 113	3
Second Semester		
CAMC 104	Slaughter of Animals & Animal Products Processing *CACC 108	1
CACC 122	Seminar B *CACC 121	0
CACC 120	Introduction to Agricultural Commodity & Enterprise Development *CACC 119	3
CAMC 107 (Major 3)	Landscape and Ornamental Horticulture *CACC 114	3
CAMC 108 (Major 4)	Commercial Vegetable Production *CACC 102	3
Summer		
CAMC 103	Beneficial Arthropods and Microorganisms *CACC 104	3
CAMC 101	Post-Harvest Handling and Seed Technology *CACC 102	3

SIXTH YEAR

First Semester		
CAMC 109 (Major 5)	Protected Crop Cultivation and Urban Horticulture *CACC 102	3
CAMC 110 (Major 6)	Plantation, Industrial & Fruit Crops Handling, Processing and Grading Management *CACC 102	3
AGRI 102	Experimental Phase, Manuscript and Defense (Thesis 2) *AGRI 101	3
CACC 123	Course Audit A *ALL MAJOR SUBJECTS	2
Second Semester		
AGRI 103	OJT - Local and/or SIAP (240 hours) *CACC 121	6
CACC 124	Course Audit B *ALL MAJOR SUBJECTS	2

*Pre-requisite

TOTAL: 167