



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.

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Goal: To prepare horticulturists equipped with knowledge, skills, and values to serve the needs of the region for countryside development.

PROGRAM OBJECTIVES/OUTCOMES



General Objective

- Produce graduates who are equipped with concepts, techniques, and scientific attitudes for horticultural endeavors.

Specific Objectives

- 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.

BSA (LADDERIZED CURRICULUM)

Major: Horticulture-Implemented SY 2013-2014

FIRST YEAR – FIRST SEMESTER

Agric 101	Intro to Agriculture	1
Eng 101	Study & Thinking Skills	3
Biol 101	General Biology	4
Math 101	College Algebra	3
Fili 101	Komunikasyon sa Akademikong Fil.	3
Econ 101	Agricultural Econ. & Marketing	3
Chem 101c	General Chemistry	5
PE 101	Fundamentals of Physical Fitness	2
NSTP 101	CWTS/ROTC/LTS 101	3
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FIRST YEAR – SECOND SEMESTER

Soils 101	Principles of Soil Science	3
Socio 101	Society & Culture w/ FP	3
AnSc 101	Intro to Animal Science	3
CpSc 101	Principles of Crop Production	3
Math 102	Plane Trigonometry	3
Comp 101	Intro to Info Technology	3
Eng 102	Writing in the Discipline	3
PE 102	Individual/Dual Sports	2
NSTP 102	CWTS/ROTC/LTS 102	3
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SUMMER

Practicum (Skills Development) 240 Hrs. ON SITE

SECOND YEAR – FIRST SEMESTER

Psych 101	General Psychology w/ HIV, AIDS/ Drug Education	3
AgEco 101	Agricultural Economics & Marketing	3
CpPr 101	Principles of Crop Protection	3
AnSc 102	Livestock & Poultry Production	3
CpSc 102	Practices of Crop Production	3
Agex 101	Agricultural Ext. & Com.	3
Soils 102	Soil Fertility Conservation Mgmt	3
Stat 101	Intro to Statistics and Methods of Research	3
PE 103	Individual/Dual Sports	2
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SECOND YEAR – SECOND SEMESTER

CpSc 104	Principles & Practices of Plant Breeding, Propagation & Nursery Management	3
Phys 101	General Physics	3
CpPr 102	Approaches and Practices in Pest Management	3
Ecol 101	Introduction to Ecol. Agriculture	3
Hums 101	Art Appreciation & Aesthetics	3
AnSc 103	Slaughter of Animals & Processing their Products	3
EgEco 102	Introduction to Enterprise and Entrepreneurship	3
PE 104	Team Sports	2
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THIRD YEAR – FIRST SEMESTER

Litt 101	Literature of the Philippines	3
Fili 102	Pagbasa at Pagsulat tungo sa Pananaliksik	3

AnSc 104	Animal Nutrition & Feeding	3
Biol 102	Genetics	3
Sosc 103	Soil Survey, Classification & Land Use w/ Intro to GIS	3
CpPr 103	Beneficial Arthropods & Micro Org.	3
Engl 104	Scientific/Technical Writing	3
CpSc 103	Post Harvest Handling and	3
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THIRD YEAR – SECOND SEMESTER

Hist 101a	Phil. History, Pols. & Phil. Gov't w/ Phil. Constitution	3
Agri 102	Methods of Agricultural Research	3
Csci 105	Gen. Physiology & Toxicology	3
Csci 106	Farming Systems	3
Hums 102	Philosophy & Ethics	3
Hort 101	Floriculture & Landscaping	3
Hort 102	Olericulture	3
Agri 198a	Seminar A-Thesis Outline	1
Agri 199a	Thesis 1a or OJT	3
		25

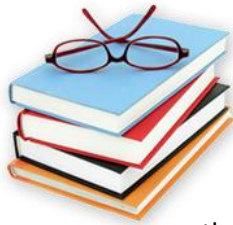
FOURTH YEAR – FIRST SEMESTER

Rizal 101	Life and Works of Rizal	3
Agri 198b	Colloquium	1
AEng 101	Fund. of Agricultural Engineering	3
Biol 103	Biotechnology & Society	3
Agex 102	Management of Extension Program	3
AgEco 103	Financial Management Agri-based Enterprise	3
Hort 103	Pomology	3
Hort 104	Plantation Crops	3
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FOURTH YEAR – SECOND SEMESTER

Agri 198c	Seminar B- Management Presentation/Defense	1
Agri 199b	Thesis 1b or OJT	3
		4

TOTAL NUMBER OF UNITS: 177 UNITS



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.

- **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.
- **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.
- **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 process his/her requirements and exams via online.

ADMISSION REQUIREMENTS

Applicants must submit the following:

1. Form 138 - HS Report Card
2. Honorable Dismissal – OTR (*for transferees*)
3. Certificate of Good Moral Character
4. Certificate of Employment
5. NSO Birth Certificate
6. Medical Certificate with chest x-ray

7. 6 pcs. 2X2 Picture w/ white background
8. 3 pcs. Long folder w/ fastener

CONTACT DETAILS

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Philosophy (Pilosophia)

Total human development with appropriate competencies
"Naan-anay a pannakamuli ti tao iti umiso ken nadumaduma a kabaelan"

Vision (Sirmata)

A premier and globally competitive university
"Kangrunaan ken mabigbigbig nga Universidad iti sangalubungan"

Mission (Misyon)

Provides relevant quality instruction, research & extension
"Mangipaay iti maiyanatup ken dekalidad a panagisuro, panagsukisok ken ekstensiyon"

Goal (Panggep)

To lead in transforming human resources into productive, self-reliant citizens and responsible leaders
"Mangidaulo iti pannakatubay dagiti tao a managparnuay, makapagwaywayas ken nanakman a mangidalan"

DOUS Goal

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.



"providing more opportunities"



Don Mariano Marcos Memorial State University
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Bachelor of Science in Agriculture (BSA) major in Horticulture (BOR No. 2010-10)

