



# VISAYAS STATE UNIVERSITY

## Main Campus

(Formerly Visayas State College of Agriculture and Leyte State University)

## OFFICE OF THE UNIVERSITY REGISTRAR

Visca, Baybay City, Leyte 6521-A, Philippines  
Phone/Fax: +63 53 563 7067; +63 53 565 0600 local 1010  
Email: registrar@vsu.edu.ph  
Website: www.vsu.edu.ph

### OFFICIAL TRANSCRIPT OF RECORDS

#### PERSONAL DATA

**Student Name** : QUINTERO, MYLES ARAPE  
**Student Number** : 18-1-01302  
**Date of Birth** : May 21, 2000  
**Place of Birth** : Abuyog, Leyte  
**Sex** : Female  
**Religion** : Roman Catholic  
**Citizenship** : Filipino  
**Parent/Spouse** : Mr. & Mrs. Jesseto G. Quintero  
**Address** : Brgy. Can-Aporong, Abuyog, Leyte  
**Guardian** :  
**Address** :



#### PRELIMINARY EDUCATION

**Elementary** : Sta. Fe Sto. Niño Elementary School  
Brgy. Sta. Fe, Abuyog, Leyte **Year** : 2012  
**Junior High School** : Notre Dame of Abuyog  
Abuyog, Leyte **Year** : 2016  
**Senior High School** : Dr. V. Orestes Romualdez Educational Foundation, Inc.  
Calanipawan road, Tacloban City, Leyte **Year** : 2018  
**Entrance Credential** : Form 138  
Dr. V. Orestes Romualdez Educational Foundation, Inc.  
Calanipawan road, Tacloban City, Leyte

#### GRADING SYSTEM:

NUMERICAL RATING	ADJECTIVAL RATING	EQUIVALENT ALPHABETIC RATING
1.00	Excellent	A
1.25	Highly Outstanding	A+
1.50	Outstanding	A-
1.75	Very Good	B
2.00	Good	B+
2.25	Very Satisfactory	B-
2.50	Satisfactory	C
2.75	Fair	C+
3.00	Passing	C-
5.00	Failure	F
S - Satisfactory	Inc - Incomplete	
U - Unsatisfactory	DR - Dropped	
Au - Audit (No credit)		

One unit of credit is one hour lecture or recitation or three hours of laboratory work, drafting or shop work each week for the period of a complete semester.

The semestral average of a student is computed by multiplying the number of units assigned to a course by the grade earned and the product divided by the total units earned for the semester.

Note: This transcript is considered original when it bears the seal of the University and the original signature of the University Registrar.  
Any erasure or alteration made on this copy renders the whole transcript invalid.

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**Vision:** A globally competitive university for science, technology, and environmental conservation.  
**Mission:** Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment.

*M. A. Castaneda*  
**MARWEN A. CASTANEDA**  
University Registrar

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No. 22-2878





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VISAYAS STATE UNIVERSITY, Visca, Baybay City, Leyte

18-1-01302: QUINTERO, MYLES ARAPE

: Bachelor of Science in Agricultural and Biosystems Engineering (BSABE)

Course No. Descriptive Title Grade Credit

First Semester, SY 2018 - 2019

ABEn 131	INTRODUCTION TO AGRICULTURAL BIOSYSTEMS ENGINEERING	2.00	1.0
CpSc 21	PRINCIPLES OF CROP PRODUCTION	1.75	3.0
ESci 110	PRE-CALCULUS FOR ENGINEERS	3.00	3.0
ESci 115a	CHEMISTRY FOR ENGINEERS (Lecture)	2.75	3.0
ESci 115b	CHEMISTRY FOR ENGINEERS (Laboratory)	2.50	1.0
Fili 11	KOMUNIKASYON SA AKADEMIKONG FILIPINO	1.50	3.0
Math 11n	MATHEMATICS IN THE MODERN WORLD	1.75	3.0
NSTP 11c	CIVIC WELFARE TRAINING SERVICE (CWTS)	1.75	3.0
PhEd 11n	MOVEMENT ENHANCEMENT	1.25	2.0

Second Semester, SY 2018 - 2019

AnSc 22	PRINCIPLES OF ANIMAL PRODUCTION	1.75	3.0
ESci 112	CALCULUS FOR ENGINEERS I	3.00	3.0
ESci 121n	FUNDAMENTALS OF SURVEYING	3.00	4.0
ESci 122n	COMPUTER-AIDED DRAFTING	2.25	2.0
Fili 14n	PANITIKANG FILIPINO: PAHAPYAW NA KASAYSAYAN AT MGA PILING KATHA	1.25	3.0
Soil 22	PRINCIPLES OF SOIL SCIENCE	2.25	3.0
NSTP 12c	CIVIC WELFARE TRAINING SERVICE (CWTS)	1.50	3.0
PhEd 12n	FITNESS EXERCISE	1.25	2.0

Summer, SY 2018 - 2019

Comm 11	PURPOSIVE COMMUNICATION	1.25	3.0
ESci 114	PHYSICS FOR ENGINEERS (calculus-based)	2.75	4.0

First Semester, SY 2019 - 2020

ESci 113	CALCULUS FOR ENGINEERS 2	2.75	3.0
ESci 123	STATIC OF RIGID BODIES/ENGINEERING MECHANICS I	3.00	3.0
ESci 135	THERMODYNAMICS AND HEAT TRANSFER	2.50	5.0
Philo 11	ETHICS	2.00	3.0
ScSc 11n	UNDERSTANDING THE SELF	1.25	3.0
ScTs 11	SCIENCE, TECHNOLOGY AND SOCIETY	2.00	3.0
PhEd 13n	PHYSICAL ACTIVITIES TOWARDS HEALTH AND FITNESS I	1.25	2.0

Second Semester, SY 2019 - 2020

ABEn 132	MATERIALS AND PROCESSES FOR AGRICULTURAL BIOSYSTEMS ENGINEERING	2.00	3.0
ABEn 184	ABE AND RELATED LAWS, SPECIFICATIONS, CONTRACS & PROFESSIONAL ETHICS	2.00	1.0
Entr 11	THE ENTERPRENEURIAL MIND	1.50	3.0
ESci 116n	DIFFERENTIAL EQUATIONS	1.75	3.0
ESci 124n	DYNAMICS OF RIGID BODIES/ENGINEERING MECHANICS 2	2.50	3.0
ESci 126a	COMPUTER FUNDAMENTALS AND PROGRAMMING (abe/ce)	2.25	2.0
ESci 134n	FLUID MECHANICS	3.00	3.0
ScSc 12n	READINGS IN PHILIPPINE HISTORY	1.75	3.0
PhEd 14n	PHYSICAL ACTIVITIES TOWARDS HEALTH AND FITNESS 2	2.00	2.0

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*Marwen A. Castaneda*  
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STATE UNIVERSITY  
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: Bachelor of Science in Agricultural and Biosystems Engineering (BSABE)

Course No.	Descriptive Title	Grade	Credit
First Semester, SY 2020 - 2021			
ABEn 141	AGRICULTURAL AND BIOSYSTEMS POWER ENGINEERING	1.75	3.0
ABEn 145	HYDROMETEOROLOGY	1.75	3.0
ABEn 147	PROPERTIES OF AGRICULTURAL AND BIOSYSTEMS MATERIALS	1.75	3.0
ESci 117a	ENGINEERING DATA ANALYSIS (bsabe)	1.75	3.0
ESci 131n	ENGINEERING ECONOMY	1.50	3.0
ESci 132a	MECHANICS OF DEFORMABLE BODIES/STENGTH OF MATERIALS (bsabe)	2.50	4.0
Second Semester, SY 2020 - 2021			
ABEn 144	AGRICULTURAL AND BIOSYSTEMS STRUCTURES ENGINEERING	2.75	3.0
ABEn 152	AGRICULTURAL AND BIOSYSTEMS MACHINERY AND MECHANIZATION	1.75	3.0
ABEn 154	AGRICULTURAL AND BIOSYSTEMS ELECTRIFICATION AND CONTROL SYSTEMS	1.75	3.0
ABEn 156	IRRIGATION AND DRAINAGE ENGINEERING	1.25	3.0
ABEn 158	AGRICULTURAL AND BIOSYSTEMS PRODUCTS PROCESSING AND STORAGE	2.00	3.0
ABEn 200.1	UNDERGRADUATE THESIS I: PROPOSAL PREPARATION	1.50	1.0
ESci 137n	TECHNOPRENEURSHIP 101	1.25	3.0
ESci 138	COMPUTER APPLICATIONS IN ENGINEERING	2.00	3.0
First Semester, SY 2021 - 2022			
ABEn 161	MACHINE DESIGN FOR AB PRODUCTION	1.75	3.0
ABEn 163	PLANT AND LIVESTOCK SYSTEMS AND ENVIRONMENTAL CONTROL ENGINEERING	1.25	3.0
ABEn 165	AQUACULTURE ENGINEERING	3.00	3.0
ABEn 167	FOOD PROCESS ENGINEERING	2.75	3.0
ABEn 199	UNDERGRADUATE SEMINAR	1.00	1.0
ABEn 200.2	UNDERGRADUATE THESIS II - CONDUCT OF EXPERIMENTS	S	IN PROGRESS
ABEn 200a	INDUSTRY IMMERSION	1.50	3.0
ABEn 200b	TECHNICAL WRITING AND PRESENTATION	1.50	1.0
Humn 11	ART APPRECIATION	1.00	3.0
ScSc 13n	THE CONTEMPORARY WORLD	1.50	3.0
Second Semester, SY 2021 - 2022			
ABEn 172	RENEWABLE ENERGY FOR AB APPLICATIONS	2.75	3.0
ABEn 174	AB WASTE MANAGEMENT ENGINEERING	1.50	3.0
ABEn 176	LAND & WATER CONSERVATION ENGINEERING	2.75	3.0
ABEn 178	DESIGN AND MANAGEMENT OF AB PROCESSING SYSTEMS	1.50	3.0
ABEn 200.3	UNDERGRADUATE THESIS III - MANUSCRIPT PREPARATION AND THESIS DEFENSE	1.75	5.0
ScSc 16	LIFE AND WORKS OF RIZAL	1.00	3.0

THESIS: EVALUATION OF BIOGAS PRODUCTION FROM POULTRY MANURE MIXED WITH ONION (Allium cepa) WASTES

Graduated on August 12, 2022 with the degree of Bachelor of Science in Agricultural and Biosystems Engineering (BSABE) as per VSU Board of Regents Resolution No. 64, s. 2022 dated August 3, 2022.

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REMARKS : FOR EMPLOYMENT

DATE ISSUED : October 6, 2022

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