



University of the Philippines Los Baños
Graduate School

Certificate of Completion

CATHERINE CASTRO ARRADAZA

has completed all requirements for the degree of

DOCTOR OF PHILOSOPHY IN HORTICULTURE
with cognate in Botany on 05 January 2018.

A.

AIMEE LYNN BARRION DUPO
Secretary

[Signature]
JOSE DV. CAMACHO, JR.
Dean

846
2-5

Visayas State University

MAIN CAMPUS

Atabuhay!
Greetings!

Ipinabatid sa lahat na ang *Supon ng mga Rehenante* at sa rekomendasyon ng
Be it known to all that the Board of Regents and upon the recommendation of
Akademikong Komite ng Unibersidad ay nagpaaral kay
the University Academic Council has conferred upon

Catherine D. Arradaza
ng *titulong*
the degree of

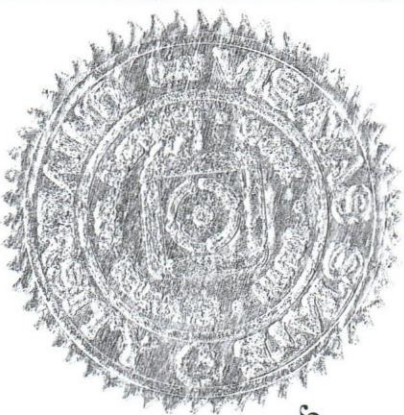
Master of Science

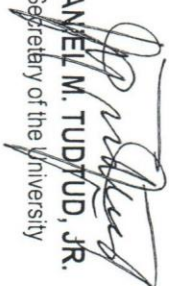
katulap ang mga karapatan at pribilehiyong kaugnay nito.
with all the rights and privileges appertaining thereto.

Piling pagpapatriary, nakatatat dito ang sagisag ng Unibersidad

In testimony whereof, the seal of the University
at ang mga lagda ng *Pangulo* at ng *Kathim* ng *Unibersidad*,
and the signatures of the President and the Secretary of the University are affixed hereunto

Given at VSU, Visca, City of Baybay, Leyte, Philippines this 5th day
ng Abril sa taon ng ating Panginoon, Salawang Liko at Salinatta.
of April in the year of o. u. Lord, Two Thousand and Thirteen.




DANIEL M. TUDTUD, JR.
Secretary of the University


JOSE L. BACUSMO
President of the VSU System





UNIVERSITY OF THE PHILIPPINES LOS BAÑOS
College, Laguna, Philippines

Office of the University Registrar
OFFICIAL TRANSCRIPT OF RECORDS

ADMISSION DATA:

Date admitted: June, 2013
Category: New Graduate
Degree/Title: B.S. Agriculture/M.S. Horticulture
High School/College: Visayas State University
Location: Visca, Baybay City, Leyte

Date graduated/last attended: March 29, 1999/April 5, 2013
NCEE rating: x-x-x Year taken: x-x-x

Name: CATHERINE CASTRO ARRADAZA

Student No.: 2013-98529 Sex: Female

Address: Brgy. Sto. Rosario, Baybay City, Leyte

Date of Birth: July 24, 1979
Place of Birth: Baybay, Leyte
Father's Name: Mateo Arradaza, Sr.
Mother's Name: Corazon Castro
College/School: Graduate School
Degree/Title: Doctor of Philosophy
Major: Horticulture
Date graduated: January 10, 2018

COURSE NUMBER	COLLEGIATE RECORDS DESCRIPTIVE TITLE OF THE COURSE	GRADES		CREDITS
		FINAL	Re-exam Completion	
	Records from the University of the Philippines Los Baños for Doctor of Philosophy are on page 2. Entrance credentials show graduation from: Visayas State University, Visca, Baybay City, Leyte (Formerly Visayas State College of Agriculture) B.S. Agriculture, major in Horticulture March 29, 1999 Master of Science, major in Horticulture April 5, 2013 Certified true copies of the official transcript of records from the above school are attached as pages 3, 4, 5, 6, 7 and 8.			

CERTIFIED PHOTO COPY
FROM THE ORIGINAL
LOUPE T. CANO
DIRECTOR
DATE: 9/21/18

Remarks: - Over -

Grading System: 1 - Excellent, 1.5 - Very Good, 2 - Good, 2.5 - Satisfactory, 3 - Pass, 4 - Conditional failure, 5 - Failure, Inc. - Incomplete, Drp. - Dropped

Credits: One university unit of credit is one hour lecture or recitation each week for the period of a complete semester of 15 to 17 weeks. In all courses two and a half to three hours of laboratory work, and in technical courses, three hours of drafting or shop work are regarded as the equivalent of one hour of recitation or lecture.

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

UPLB
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3

Prepared by: M.Q. Aquino

Date: May 15, 2018

Checked by: L.L. Monis

Date: May 16, 2018

MYRNA G. CARANDANG
University Registrar

Franciscan College of the Immaculate Conception
Baybay City, Leyte



Office of the Registrar

OFFICIAL TRANSCRIPT OF RECORDS

ARRADAZA

(Last Name)

CATHERINE

(First Name)

CASTRO

(Middle Name)

FILIPINO

(Citizenship)

FEMALE

(Sex)



Date of Birth JULY 24, 1979

Place BAYBAY, LEYTE

Home Address BRGY. STO. ROSARIO,
BAYBAY CITY, LEYTE

Parent/Guardian MR. & MRS.

MATEO ARRADAZA, SR.

Address BRGY. STO. ROSARIO,
BAYBAY CITY, LEYTE

RECORDS OF PRELIMINARY EDUCATION

ELEMENTARY COMPLETED:			HIGH SCHOOL COURSE COMPLETED:		
Grade	Name of School	Sch.Yr.		Name of School	
Primary :			1st	F. C. I. C.	1991-1992
Interm :	Baybay South Central School	1990-1991	2nd	F. C. I. C.	1992-1993
Entrance Data :	TOR-Visayas State University,		3rd	F. C. I. C.	1993-1994
	VISCA, Baybay City, Leyte		4th	F. C. I. C.	1994-1995

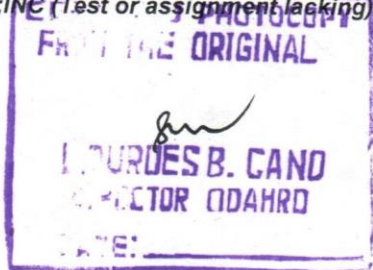
Course : BACHELOR OF ELEMENTARY EDUCATION (B.E.Ed.)

Course No.		COLLEGIATE RECORD DESCRIPTIVE TITLE		GROUP DISTRIBUTION														
				Final	Re-ex	Credits	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
		VISAYAS STATE UNIVERSITY, VISCA, Baybay City, Leyte																
Graduated on March 29, 1999 with the degree of Bachelor of Science in Agriculture (BSA) major in Horticulture as per VISCA Board of Trustees Resolution No. 20, s. 1999 dated March 3, 1999.																		
		FRANCISCAN COLLEGE OF THE IMMACULATE CONCEPTION, Baybay City, Leyte																
		First Semester, 2008-2009																
Educ	A	Child and Adolescent Development	1.6	3														
EdTech	1	Educational Technology 1	1.5	3														
Math	3	Basic Mathematics I	1.5	3														
FS	1	Field Study 1	1.7	1														
Socio	2	World Geography	1.7	3														
		Second Semester, 2008-2009																
Educ	B	Facilitating Learning	1.7	3														
Educ	C	Social Dimension of Education	1.6	3														
FS	2	Field Study 2	1.7	1														
Educ	13A	Developmental Reading 1	1.3	3														
		First Semester, 2009-2010																
Educ	13B	Developmental Reading II	1.6	3														
Math	104	Plane and Solid Geometry	1.8	3														
EdTech	2	Educational Technology 2	1.5	3														
Educ	12A	Assessment of Student Learning I																
		Second Semester, 2010-2011																
Educ	11A	Principles of Teaching I	1.3	3														
Educ	11B	Principles of Teaching II	1.3	3														
feic feic feic feic	- TRANSCRIPT CLOSED - feic feic feic feic feic feic feic feic feic feic feic feic feic feic feic feic feic feic																	

Remarks: ISSUED FOR L.E.T. BOARD EXAMINATION.

OFFICIAL GRADES: 1.0 (Excellent:100-95); 1.1-1.5 (Very Good:94-90); 1.6-2.5 (Good:89-80); 2.6-3.0 (Fair) Passed:(70-75); 5.0 (Failed: below 75); INC (Test or assignment lacking); "W"- withdrawn; "DR"- Dropped.

Prepared by: ALLEN G. MOLINA



SISTER M. ELENOR EGANO, OSF
Registrar

O.R. NO. 115278 Date Issued: May 9, 2011
NOT VALID WITHOUT SEAL



VISAYAS STATE UNIVERSITY

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

Main Campus

Visca, Baybay City, Leyte 6521-A
Philippines

TeleFax: +63 53 335 2601

e-mail: opvisca@mozcom.com

website: www.lsu-visca.edu.ph

Reg. Tel. No.: +63 53 335 2644; +63 53 563 7428

OFFICIAL TRANSCRIPT OF RECORDS

PERSONAL DATA

Student Name : ARRADAZA, CATHERINE CASTRO
Student Number : 95-0-00099
Date of Birth : July 24, 1979
Place of Birth : Baybay, Leyte
Sex : Female
Religion : Roman Catholic
Citizenship : Filipino
ACR No. :
Parent/Spouse : Mateo M. Arradaza Sr.
Address : Sto. Rosario, Baybay City, Leyte
Tel. No. :
Guardian :
Address :
Tel. No. :



PRELIMINARY EDUCATION

Elementary : Baybay South Central School Year: 1991
Baybay, Leyte
High School : Franciscan College of the Immaculate Year: 1995
Conception, Baybay, Leyte
Tertiary : Visayas State College of Agriculture 1999
Baybay, Leyte

Entrance Credential : TOR Visayas State College of Agriculture
Baybay, Leyte

GRADING SYSTEM

RATING	EQUIVALENT	INDICATION
1.00	97-100	Excellent
1.25	94-96	Highly Outstanding
1.50	91-93	Outstanding
1.75	88-90	Very Good
2.00	85-87	Good
2.25	82-84	Very Satisfactory
2.50	79-81	Satisfactory
2.75	76-78	Fair
3.00	75	Passing
5.00	Below 75	Failure
S - Satisfactory		Inc - Incomplete
U - Unsatisfactory		Drp - Dropped
Au - Audit (No credit)		

One collegiate unit of credit is one hour of lecture or one hour of laboratory work, drafting, or a shop work each week. Three hours a semester are regarded as equivalent also to one unit of credit.

The semestral average grade 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.

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Page ___ of ___ pages

REGISTERAR
5-10-11
DATE

LINDA N. MARISCAL
University Registrar



VISAYAS STATE UNIVERSITY

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

Main Campus

Visca, Baybay City, Leyte 6521-A
Philippines

TeleFax: +63 53 335 2601

e-mail: opvisca@mozcom.com

website: www.lsu-visca.edu.ph

Reg. Tel. No.: +63 53 335 2644; +63 53 563 7428

OFFICIAL TRANSCRIPT OF RECORDS

Name : ARRADAZA, Catherine Castro Student No.: 95-0-00099
Course : Bachelor of Science in Agriculture (BSA)

VISAYAS STATE COLLEGE OF AGRICULTURE, Visca, Baybay, Leyte

Course No	Descriptive Title	Grade	Credits
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First Semester, SY 1995-1996

BIO 11	GENERAL BIOLOGY	2.00	4.0
CHEM 11	GENERAL CHEMISTRY I	1.75	4.0
ENGL 11	COMMUNICATION SKILLS I	2.50	3.0
MATH 11	COLLEGE ALGEBRA	2.50	3.0
PSYC 11	GENERAL PSYCHOLOGY	1.50	3.0
SCSC 13	SOCIO-ECONOMIC SYSTEMS	1.50	3.0
EUTH 11	PERSONALITY DEV'T & ADJUSTMENT	1.50	3.0
PHYED11	PHYSICAL FITNESS AND GYMNASTICS	1.25	3.0

Second Semester, SY 1995-1996

BOT 21	GENERAL BOTANY	1.75	3.0
ECOL 21	FUNDAMENTALS OF ECOLOGY	2.00	3.0
ENGL 12	COMMUNICATION SKILLS II	1.75	3.0
MATH 22	PLANE TRIGONOMETRY	2.50	3.0
SCSC 14	PHIL.SOC.PROBS., LAND REFORM & TAXN	2.25	3.0
SOCI 11	GENERAL SOCIOLOGY	2.25	3.0
ZOO 21	GENERAL ZOOLOGY	2.00	3.0
EUTH 12	HUMAN RELATION	2.25	1.0
PHYED12	REC.GAMES,RHYTMIC ACT. AND DANCE	1.50	2.0

First Semester, SY 1996-1997

AGRO 21	FUNDAMENTALS OF CROP PRODUCTION	2.50	3.0
BIO 22	PRINCIPLES OF GENETICS	1.75	3.0
ENGL 15	ADVANCED GRAMMAR AND COMPOSITION	1.50	3.0
HUM 11	INTRODUCTION TO HUMANITIES	2.00	3.0
PHYS 11	GENERAL PHYSICS	2.50	4.0
PPRT 21	PRINCIPLES OF PLANT PROTECTION	2.25	3.0
EUTH 13	MORAL AND SPIRITUAL VALUES	2.25	1.0
PHYED13	TEAM SPORTS	1.75	2.0

Second Semester, SY 1996-1997

CHEM 21	GENERAL CHEMISTRY II	2.25	3.0
ECON 21	FARM MANAGEMENT	1.50	3.0
HORT 22	GENERAL HORTICULTURE	2.00	3.0
MICR 22	GENERAL MICROBIOLOGY	2.50	3.0
SPCH 11	SPEECH COMMUNICATION	2.50	3.0
SS 22	FUNDAMENTALS OF SOIL SCIENCE	2.00	3.0
STAT 21	ELEMENTARY STATISTICS	3.00	3.0
EUTH 14	CAREER DEVELOPMENT	1.75	1.0
PHYED14	INDIVIDUAL/DUAL SPORTS	1.50	2.0

First Semester, SY 1997-1998

AGBO113	PRINCIPLES OF PLANT PHYSIOLOGY	1.75	3.0
AS 21	PRINCIPLES OF ANIMAL SCIENCE	Inc. 2.25	3.0
CHEM 31	GENERAL BIOCHEMISTRY	2.25	3.0
HORT198	RESEARCH PLANN. & MANUSCRIPT PREP'N	2.00	3.0
PB 117	EXPT'L DESIGN & FLD PLOT TECHNIQUES	2.25	3.0
SS 23	SOIL FERTILITY AND FERTILIZERS	2.00	3.0

Second Semester, SY 1997-1998

AS 22	PRIN. OF ANIMAL PRODUCTION	2.00	3.0
HORT112	PLANTATION CROP PROD.	2.00	3.0

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REGISTRAR

DATE

LINDA N. MARISCAL
University Registrar



VISAYAS STATE UNIVERSITY

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Main Campus

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website: www.lsu-visca.edu.ph

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OFFICIAL TRANSCRIPT OF RECORDS

Name : ARRADAZA, Catherine Castro
Course : Bachelor of Science in Agriculture (BSA)

Student No.: 95-0-00099

VISAYAS STATE COLLEGE OF AGRICULTURE, Visca, Baybay, Leyte

Course No	Descriptive Title	Grade	Credits
	Second Semester, SY 1997-1998		
HORT121	PLANT PROPAGATION AND NURSERY MGT.	2.25	3.0
HORT122	FLORICULTURE & LANDSCAPE GARDENING	2.25	3.0
HORT200	UNDERGRADUATE THESIS	S	In Progress
PHILO12	CONTEMPORARY PHILOSOPHICAL THOUGHTS	1.75	3.0
PPRT 22	PEST CONTROL	2.00	3.0
SPAN 21	SPANISH CULTURE IN PHIL. SETTING	2.00	3.0

Summer 1998

AE 50	FARM MACHINERY AND EQUIPMENT	1.50	3.0
HORT200	UNDERGRADUATE THESIS	S	In Progress

First Semester, SY 1998-1999

AE 30	IRRIGATION, DRAINAGE AND METEOROLOGY	Inc.	2.75	3.0
FS 121	FUNDAMENTALS OF FARMING SYSTEMS	2.25		3.0
HORT111	POST-HARVEST PHYSIO. OF PERISH. CROPS	Inc.	3.00	3.0
HORT141	TROPICAL OLERICULTURE	1.50		3.0
HORT143	POMOLOGY AND ORCHARD MANAGEMENT	2.00		3.0
HORT200	UNDERGRADUATE THESIS	S	In Progress	
PB 111	PRINCIPLES OF PLANT BREEDING	1.50		3.0
PI 11	PHIL. HISTORY CONSTITUTION & RIZAL	1.50		3.0

Second Semester, SY 1998-1999

AGEX132	PRIN., METHODS & STRATEGIES IN EXTN	1.25		3.0
AGRO123	SEED TECHNOLOGY	1.50		3.0
HORT144	PLANTATION CROP PRODUCTS	2.00		3.0
HORT199	UNDERGRADUATE SEMINAR	2.00		1.0
HORT200	UNDERGRADUATE THESIS	1.75		6.0

Thesis

GROWTH AND YIELD OF CARROT (Daucus Carota Linn.) AS
INFLUENCED BY NPK FERTILIZER APPLICATION

Graduated on March 29, 1999 with the degree of Bachelor of Science in
Agriculture (BSA) major in Horticulture as per VisCA Board of Trustees
Resolution No. 20, s. 1999 dated March 3, 1999.

LEYTE STATE UNIVERSITY NOW VISAYAS STATE UNIVERSITY (VSU), Visca, Baybay City, Leyte

Course No	Descriptive Title	Grade	Credits
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	First Semester, SY 2005-2006		Master of Science
HORT241	ADVANCED VEGETABLE CROP PRODN. & MGT	1.50	3.0
	Second Semester, SY 2005-2006		
HORT173	INTRO. TO PLANT TISSUE AND CULTURE	1.25	3.0
HORT209n	CROP SEED PHYSIOLOGY	1.25	3.0
	First Semester, SY 2006-2007		
AGED211	ADVANCED EDUCATIONAL PSYCHOLOGY	1.50	3.0
AGED213	MODERN THEORIES AND PRINCIPLES OF E	1.25	3.0
	Second Semester, SY 2006-2007		
AGED214	COLLEGE TEACHING	Inc.	-

REMARKS:

GRANTED TRANSFER CREDENTIAL
FRANCISCAN COLLEGE OF THE IMMACULATE CONCEPTION
BAYBAY, LEYTE

Date Issued:

OCT 29 2008

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A. Bonifacio St., Baybay City, Leyte

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LINDA N. MARISCAL
University Registrar