



University of the Philippines Los Baños
Graduate School

Certificate of Completion

ELIZABETH SOMBILON QUEVEDO

has completed all requirements for the degree of

DOCTOR OF PHILOSOPHY IN AGRICULTURAL CHEMISTRY
with cognate in Food Science on 31 March 2014.


WILLIE P. ABASOLO
Secretary


JOSE V. CAMACHO, JR.
Dean



UNIVERSITY OF THE PHILIPPINES LOS BAÑOS
College, Laguna, Philippines

Office of the University Registrar
OFFICIAL TRANSCRIPT OF RECORDS

ADMISSION DATA:

Date admitted: June, 2010
Category: New Graduate
Degree/Title: Bachelor of Science in Agriculture (cum laude)/
Master of Chemistry
High School/College: Visayas State University/University of
San Carlos
Location: Visca, Baybay City, Leyte/Cebu City
Date graduated/last attended: April 4, 1983/October 14, 2006
NCEE rating: x-x-x Year taken: x-x-x

Name: ELIZABETH SOMBILON QUEVEDO
Student No.: 2010-97137 Sex: Female
Address: Cottage L, Visayas State University,
Visca, Baybay, Leyte
Date of Birth: October 16, 1961
Place of Birth: Ormoc City
Father's Name: Paterno Sombilon
Mother's Name: Federica Matuguina
College/School: Graduate School
Degree/Title: Doctor of Philosophy
Major: Agricultural Chemistry
Date graduated: April 26, 2014

COURSE NUMBER	COLLEGIATE RECORDS	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 Bachelor of Science in Agriculture (cum laude), major in Agricultural Chemistry - April 4, 1983 University of San Carlos, Cebu City Master of Chemistry - October 14, 2006 Certified true copies of the official transcript of records from the above schools are attached as pages 3, 4, 5, 6, 7 and 8. CERTIFIED PHOTOCOPY OF THE ORIGINAL; <i>[Signature]</i> TERESITA L. QUINANOLA SUPERVISING ADMINISTRATIVE OFFICER			

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.

Prepared by: A. I. Floresca
Checked by: L.L. Monis
Updated by:
Issued by:
AF35-56

Date: October 2, 2014
Date: October 15, 2014
Date:
Date: 11-07-14

[Signature]
MYRNA G. CARANDANG
University Registrar

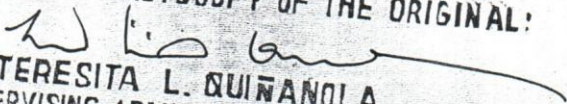
UNIVERSITY OF THE PHILIPPINES LOS BAÑOS
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Name: ELIZABETH SOMBILON QUEVEDO

Student No.: 2010-97137

Page 2 of 8 pages

COURSE NUMBER	COLLEGIATE RECORDS		GRADES		CREDITS
			FINAL	Re-exam	
	DESCRIPTIVE TITLE OF THE COURSE			Completion	
GRADUATE SCHOOL - (DOCTOR OF PHILOSOPHY)					
FIRST SEMESTER, 2010-2011					
CHEM 230	3/	Research Techniques in Chemistry	Drp.	-	-
CHEM 242	1/	Organic Reaction Mechanisms	Drp.	-	-
CHEM 260	3/	Intermediary Metabolism I	Drp.	-	-
SECOND SEMESTER, 2010-2011					
CHEM 162	1/	Plant Biochemistry	1.00	-	3
CHEM 261	1/	Intermedairy Metabolism II	1.75	-	3
FST 219	2/	Postharvest Biochemistry of Fruits and Vegetables	1.00	-	3
FIRST SEMESTER, 2011-2012					
ACHM 238	1/	Cereal Chemistry	1.00	-	3
CHEM 220	1/	Advanced Inorganic Chemistry	1.50	-	3
CHEM 242	1/	Organic Reaction Mechanisms	2.25	-	3
FST 210	2/	Food Biochemistry	1.00	-	3
SECOND SEMESTER, 2011-2012					
ACHM 299	1/	Graduate Seminar	Satis	-	1
ACHM 400	1/	Doctoral Disseration	Satis	-	-
FST 202	2/	Food Analysis	1.25	-	3
SUMMER, 2012					
ACHM 400	1/	Doctoral Disseration	Satis	-	-
FIRST SEMESTER, 2012-2013					
ACHM 400	1/	Doctoral Disseration	Satis	-	-
SECOND SEMESTER, 2012-2013					
ACHM 400	1/	Doctoral Disseration	Satis	-	-
SUMMER, 2013					
ACHM 400	1/	Doctoral Disseration	Satis	-	-
FIRST SEMESTER, 2013-2014					
ACHM 400	1/	Doctoral Disseration	Satis	-	-
SECOND SEMESTER, 2013-2014					
ACHM 400	1/	Doctoral Disseration	1.25	-	12
1/ - Major 2/ - Cognate 3/ - Others					
UP-x-LB					
CERTIFIED PHOTCOPY OF THE ORIGINAL:  TERESITA L. QUIÑANOLA SUPERVISING ADMINISTRATIVE PERSONNEL					

Remarks:

Cleared effective September 25, 2014.

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.

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Prepared by: A. I. Floresca
Checked by: L.L. Monis
Updated by:
Issued by: 

Date: October 2, 2014
Date: October 15, 2014
Date:
Date: 11-07-14

MYRNA G. CARANDANG
University Registrar



UNIVERSITY OF SAN CARLOS

Office of the Registrar

P. del Rosario St., Cebu City 6000, Philippines
Telefax 256-3305 • e-mail : registrar@usc.edu.ph

RE-ACCREDITED: Charter Member Philippine
Accrediting Association of
Schools, Colleges and
Universities (PAASCU)

SCHOOL CODE: 0650

OFFICIAL TRANSCRIPT OF RECORDS

PERSONAL DATA

Student Name : **QUEVEDO, Elizabeth Sombilon**
ID Number : **682204**
Birthdate : **October 16, 1961**
Birthplace : **Ormoc City**
Sex : **Female**
Religion : **Roman Catholic**
Citizenship : **Filipino**
ACR No. :
Parent/Spouse : **Mr. Marcelo Quevedo**
Address : **Cottage L, LSU, VISCA, Baybay, Leyte**
Tel No./Cel No. :
Guardian Address :
Tel No. :

ENTRANCE DATA

Elementary : **Curva Community School** Year: **1975**
Secondary : **Experimental Rural High School** Year: **1979**
College School Graduated : **Visayas State College of Agriculture, Baybay, Leyte**

GRADING SYSTEM

GRADE	EQUIVALENT	INDICATION
1.0	A+ 100 - 95%	Excellent
1.1 - 1.5	A - A- 94 - 90%	Very Good
1.6 - 2.0	B+ - B 90 - 85%	Good
3.0	C 75%	Failure

(or absences more than 20% of the prescribed no. of class and lab. subj. during the school year or term)

NC "No Credit"
W "Withdrawal with official notice"

One graduate unit of credit is one hour lecture or recitation each week or a total of 18 hours in a semester.
Three hours a laboratory work each or a total of 54 hours a semester are regarded as equivalent also to one unit of credit.

The semestral average grade 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,

SENCIO NORBERTO P. JAYME
University Registrar

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UNIVERSITY OF SAN CARLOS

Office of the Registrar

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SCHOOL CODE: 0650

OFFICIAL TRANSCRIPT OF RECORDS

Page: 2

Student Name : QUEVEDO, ELIZABETH SOMBILON

Course : Description : Grade : Unit/s:

First Semester, 2004-2005

CHEM 211NT : THEORETICAL ORGANIC CHEMISTRY : 1.3 : 3.0

CHEM 242NT : CHEMISTRY OF PROTEINS : 1.4 : 3.0

Second Semester, 2004-2005

CHEM 231LN : METHODS OF CHEMICAL ANALYSIS LABORATORY : 1.4 : 3.0

CHEM 231NT : METHODS OF CHEMICAL ANALYSIS : 1.5 : 3.0

CHEM 241NT : ADVANCED BIOCHEMISTRY : 1.4 : 3.0

Summer, 2005

CHEM 221NT : SELECTED TOPICS OF PHYSICAL CHEMISTRY : 2.0 : 3.0

CHEM 232NT : SELECTED TOPICS OF CHEMICAL ANALYSIS : 1.4 : 3.0

CHEM 245NT : CHEMISTRY OF NUCLEIC ACIDS : 1.4 : 3.0

First Semester, 2005-2006

CHEM 201NT : SYSTEMATIC INORGANIC CHEMISTRY : 1.5 : 3.0

CHEM 212NT : PHYSICAL ORGANIC CHEMISTRY : 1.5 : 3.0

CHEM 251NT : ENVIRONMENTAL CHEMISTRY : 1.2 : 3.0

Second Semester, 2005-2006

CHEM 202NT : STRUCTURAL INORGANIC CHEMISTRY : 1.6 : 3.0

CHEM 261NT : SEMINAR IN CHEMISTRY : 1.5 : 1.0

SCED 204CN : TEACHING AND LEARNING STRATEGIES IN CHEM. : 1.6 : 3.0

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SCHOOL CODE: 0650

OFFICIAL TRANSCRIPT OF RECORDS

Page: 13

Student Name : QUEVEDO, ELIZABETH SOMBILON

Summer, 2006

RES 201CNT : ELEMENTS OF RESEARCH

1.2 : 3.0

First Semester, 2006-2007

CAS RES : Residency IN CAS

NC

nothing follows

GRADUATED: MASTER OF CHEMISTRY (M.CHEM.) Non-Thesis

DATE : OCTOBER 14, 2006

NOV 17 2006

FOR EVALUATION

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SENCIO NORBERTO P. JAYME
University Registrar

CRENITA LAO GUINANO
REGISTRAR



VISAYAS STATE UNIVERSITY

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

Main Campus

Visca, Baybay City, Leyte 6521-A
Philippines

Page 5 of 5 pages
website : www.vsu.edu.ph
email : op@vsu.edu.ph
registrar@vsu.edu.ph
Tele Fax : +63 53 335 2601
+63 53 335 2644

OFFICIAL TRANSCRIPT OF RECORDS

PERSONAL DATA

Student Name : SOMBILON, ELIZABETH MATUGUINA
Student Number : 790002713
Date of Birth : October 16, 1961
Place of Birth : Ormoc City
Sex : Female
Religion : Roman Catholic
Citizenship : Filipino
ACR No. :
Parent/Spouse : Paterno Sombilon
Address : Curva, Ormoc City
Tel, No/Cell.No. :
Guardian :
Address/Cell. No. :



PRELIMINARY EDUCATION

Elementary : Curva Community School Year 1975
Curva, Ormoc City
High School : Experimental Rural High School Year 1979
Visca, Baybay, Leyte

Entrance Credential : Form 138: Experimental Rural High School
Visca, 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
U - Unsatisfactory
Au - Audit (No credit)

Inc - Incomplete
Drp - Dropped

One collegiate unit of credit is one hour lecture or recitation each week or a total of 18 hours in a semester. Three hours of laboratory work, drafting, or a shop work each week or a total of 54 hours a semester are regarded as equivalent also to one unit of credit.

The semestral average grade 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.

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Page 1 of 3 pages

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MYRNA G. CARANDANG
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ELIEZER L. VELASCO
University Registrar



VISAYAS STATE UNIVERSITY

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

Main Campus

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Philippines

website : www.vsu.edu.ph
email : op@vsu.edu.ph
registrar@vsu.edu.ph
Tele Fax : +63 53 335 2601
+63 53 335 2644

OFFICIAL TRANSCRIPT OF RECORDS

Name : Sombilon, Elizabeth Matuguina Student No.: 79002713
Course : Bachelor of Science in Agriculture (BSA)

VISAYAS STATE COLLEGE OF AGRICULTURE now VISAYAS STATE UNIVERSITY
(VSU), Visca, Baybay City, Leyte

Course No	Descriptive Title	Grade	Credits

First Semester, SY 1979-80			
ENGL 11	COMMUNICATION SKILLS I	1.50	3.0
MATH 11	COLLEGE ALGEBRA	1.50	3.0
EDUC 11	GENERAL PSYCHOLOGY	1.50	3.0
ECON 11	GENERAL ECONOMICS	1.25	3.0
BIO 11	GENERAL BIOLOGY	1.50	3.0
CHEM 11	GENERAL CHEMISTRY I	1.25	3.0
EUTH 11	PERSONALITY DEVELOPMENT & ADJUSTMENT	1.25	1.0
P.E. 11	HEALTH AND PHYSICAL EDUCATION I	1.25	2.0
Second Semester, SY 1979-1980			
ENGL 12	COMMUNICATION SKILLS II	1.75	3.0
MATH 12	PLANE TRIGONOMETRY	3.00	3.0
EDUC 12	GENERAL SOCIOLOGY	1.50	3.0
BOT 11	GENERAL BOTANY	1.25	3.0
ZOO 11	GENERAL ZOOLOGY	1.50	3.0
CHEM 12	GENERAL CHEMISTRY II	1.50	3.0
EUTH 12	HUMAN RELATIONSHIPS	1.00	1.0
P.E. 12	HEALTH AND PHYSICAL EDUCATION I	1.25	2.0
Summer 1980			
SCSCI 13	LIFE AND WORKS OF RIZAL	1.50	3.0
STAT 11	ELEMENTARY STATISTICS	1.75	3.0
First Semester, SY 1980-1981			
CPRT 21	PRINCIPLES OF CROP PROTECTION	1.50	3.0
PHYS 11	GENERAL PHYSICS I	1.75	3.0
AGRON 21	FUNDAMENTALS OF CROP PRODUCTION	1.75	3.0
ANSCI 21	PRINCIPLES OF ANIMAL SCIENCE I	1.50	3.0
SPCH 11	EFFECTIVE SPEECH	1.75	3.0
SPAN 11	COMMUNICATION SKILLS I	1.25	3.0
ECON 12	AGRARIAN REFORM AND TAXATION	1.75	3.0
EUTH 13	MORAL AND SPIRITUAL VALUES	1.00	1.0
P.E. 13	HEALTH AND PHYSICAL EDUCATION III	2.00	2.0
Second Semester, SY 1980-1981			
PHYS 12	GENERAL PHYSICS II	2.00	3.0
ANSCI 22	PRINCIPLES OF ANIMAL SCIENCE II	1.75	3.0
HORT 22	GENERAL HORTICULTURE	1.75	3.0
SOILS 21	FUND. OF SOILS & FERTILIZERS	1.50	3.0
MICRO 21	GENERAL MICROBIOLOGY	2.00	3.0
SPAN 12	COMMUNICATION SKILLS II	1.75	3.0
EUTH 14	HOW TO LOOK FOR A JOB AND KEEP IT	1.25	1.0
P.E. 14	HEALTH AND PHYSICAL EDUCATION IV	1.50	2.0
Summer 1981			
BOT 21	PRINCIPLES OF GENETICS	1.50	3.0
SCSCI 12	PHILIPPINE HISTORY AND INSTITUTION	2.00	3.0

<continued on next page>

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TERESITA L. QUIRANOLA
SUPERVISING ADMINISTRATIVE OFFICER

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Name : Sombilon, Elizabeth Matuguina Student No.: 79002713
Course : Bachelor of Science in Agriculture (BSA)

VISAYAS STATE COLLEGE OF AGRICULTURE now VISAYAS STATE UNIVERSITY
(VSU), Visca, Baybay City, Leyte

Course No	Descriptive Title	Grade	Credits
-----------	-------------------	-------	---------

First Semester, SY 1981-1982

CHEM 21	GENERAL BIOCHEMISTRY	2.00	3.0
SOILS 22	SOIL FERTILITY AND FERTILIZERS	1.25	3.0
AE 30	IRRIGATION, DRAINAGE & METEOROLOGY	1.50	3.0
AGCHEM121	ORGANIC CHEMISTRY I	2.00	3.0
AGCHEM133	QUANTITATIVE INORGANIC ANALYSIS	1.50	3.0
AGCHEM198	RESEARCH PLANNING & MANUS. PREP.	1.75	3.0

Second Semester, SY 1981-1982

AE 22	FARM MACHINERY AND EQUIPMENT	1.50	3.0
MATH101	ELEMENTARY CALCULUS	2.00	3.0
SPAN 13	READING AND LITERATURE I	1.25	3.0
PPRT 22	PEST CONTROL	1.25	3.0
ECON 21	FARM MANAGEMENT	1.50	3.0
AGCHEM122	ORGANIC CHEMISTRY II	1.50	3.0
AGCHEM200	UNDERGRADUATE THESIS	In Progress	

First Semester, SY 1982-1983

AE 20	BASIC FARMSHOP PRACTICE	1.50	2.0
SPAN 14	READING & LITERATURE II	1.75	3.0
AGCHEM137	PHYSICAL CHEMISTRY	2.25	3.0
AGCHEM141	GENERAL BIOCHEMISTRY	1.25	3.0
AGCHEM145	TECH. ANAL. OF SOIL FERT. & PESTICIDES	2.25	3.0
AGCHEM153	PROTEIN AND ENZYMES	1.75	3.0
AGCHEM200	UNDERGRADUATE THESIS	In Progress	

Second Semester, SY 1982-1983

HUMAN 11	INTRODUCTION TO HUMANITIES	1.50	3.0
AGCHEM144	INSTRUMENTAL METHOD OF CHEM ANAL.	1.50	3.0
AGCHEM146	TECHNICAL ANALYSIS OF FOODS & FEEDS	2.00	3.0
AGCHEM155	ADVANCED BIOCHEMISTRY	2.00	3.0
AGCHEM199	UNDERGRADUATE SEMINAR	1.50	1.0
AGCHEM200	UNDERGRADUATE THESIS	1.50	6.0

Thesis:

DETERMINATION OF THE NUTRIENTS AND AVAILABLE NUTRIENT
CONTENT IN CASSAVA LEAF MEAL, IPIL-IPIL LEAF MEAL,
COPRA MEAL AND MEATBONE MEAL

Graduated: **CUM LAUDE**, Bachelor of Science in Agriculture (BSA),
major in Agricultural Chemistry, on April 4, 1983 as per Visca
Board of Trustees Resolution No. 14, s. 1983 dated February 16,
1983.

ANY ENTRY BELOW THIS LINE IS NULL & VOID

REMARKS: _____

Date Issued: MAY 26 2014

CERTIFIED PHOTOCOPY OF THE ORIGINAL

[Signature]
TERESITA L. QUIRANOLA

SUPERVISING ADMINISTRATIVE OFFICER

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