

### GREETINGS!

By the authority of the Republic of the Philippines and upon the recommendation of the College and of the University Council, the Board of Regents has conferred on

# Virgelio Monter Alao

who has fulfilled all the requirements of the course, the degree of

## Master of Science

(Statístics)

with all the rights, honors, and privileges as well as the obligations and responsibilities thereunto appertaining. Given in Quezon City, Philippines, on the 1st day of August of the year two thousand fifteen.

(Sgd) ALFREDO E. PASCUAL President of the University (Sgd) LILIAN A. DE LAS LLAGAS

Secretary of the University

(Sgd) CLAIRE DENNIS S. MAPA Dean of School of Statistics

hancellor of V.P. Diliman

(Sgd) MICHAEL L. TAN

Certified Translation of the Original:

MARILYN R. CANTA, Ph.D. University Registrar

CERTIFIED PHOTOCOPY OF THE ORIGINAL

TERESITA L. QUINANOLA



### OFFICE OF THE UNIVERSITY REGISTRAR OFFICIAL TRANSCRIPT OF RECORDS

1908		Name	ALAO, VI	RGELIO MONTER
Entrance Data:		Student No. 2	2013-79428	Sex Male
Date/Semester admitted	1st Semester, 2013-2014	Date & Place of F	Birth Februar	y 12, 1986; Albuera, Leyte
Category	College Graduate	Father's Name	Vicente	Alao, Sr.
Diploma/Title/Degree	B.S. Statistics	Mother's Name	Josefina	Monter
High School/College	Visayas State University	Degree/Title/Cou	the state of the second state of	ENG SELECTION AND THESE
Date Graduated/Last at	tended April 2, 2007	MASTER OF	F SCIENCE (S	statistics), August 01, 2015
NCEE Rating	Year Taken			
S.O. No.:	Date			

COLLEGIATE RECORD		GRADES		CDEDITO
COURSE NUMBER	DESCRIPTIVE TITLE OF COURSE	FINAL	Re-exam Completion	CREDIT
	Records from the University of the Philippines Diliman are on page 2.  Entrance credentials show graduation from Visayas State University with the degree of Bachelor of Science in Statistics (BSS) on April 2, 2007.  Certified true copies of the official transcript of records from the above school are attached as pages 5, 6, and 7.			
	TERESITA L. QUINANOLA SUPERVISING ADMINISTRATIVE DEFICED			

Initial Checker jmbua Date 05/20/2016
Final Checker mtddeguzman Date 08/29/2016
Printed By jcadiz Date 08/29/2016
Date Issued AUG 3 0 2016

MARILYN R. CANTA, Ph.D.
University Registrar





### OFFICE OF THE UNIVERSITY REGISTRAR OFFICIAL TRANSCRIPT OF RECORDS

ALAO, VIRGELIO MONTER Name 2013-79428 Student No.

COLLEGIATE RECORD			GRADES	
COURSE NUMBER	DESCRIPTIVE TITLE OF COURSE	FINAL	Re-exam Completion	CREDITS
			Compietion	
	SCHOOL OF STATISTICS			
	(Master's Program)	Fath B Gare	1	
1st Semester, 2013-2014				
Stat 231	Probability Theory	Inc		-
Stat 267	Advanced Applied Multivariate Analysis	1.5		3
Stat 280	Special Fields of Statistics	1		3
2nd Semester, 2013-2014				
Stat 231	Probability Theory	1.5		3
Stat 232	Parametric Inference	1.5		3
Stat 250	Sampling Designs	1.5		3
Stat 280 ·	Special Fields of Statistics	1.75		3
Summer, 2014				
Residence				
Midyear, 2014				
Residence				
Trestaeties				
1st Semester, 2014-2015				
Stat 233	Linear Models	1.5		3
Stat 245	Survival Analysis	1.25		3
Stat 252	Bootstrap Methods	1.75		3
Stat 290	Statistical Consulting	Pass	1	1
2nd Semester, 2014-2015				
Stat 234	Multivariate Analysis	2		3
Stat 290	Statistical Consulting	Pass		1
Stat 300	Master's Thesis	Inc	Pass	6
Stat 300	Truster o Triesto			
Midyear, 2015				
Residence				
Thesis Titl	le: "Semiparametric Estimation of Mixed Analysis of Cova	riance Mod	ell'	
Thesis Hu	ie. Semiparametric Estimation of Phixed Arialysis of Cova	Tante Mou		
Graduated	with the degree of MASTER OF SCIENCE (Statistics) on A	ugust 01, 2	015	
	End of UP Diliman Transcript. Cleared: July 19, 2016			

CERTIFIED PHOTOGOPY OF THE ORIGINAL:

TERESITA L. QUINANOLA CHOENING ADMINISTRATIVE DEFICED

Initial Checker Printed By

Date Issued

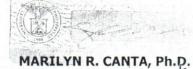
jmbua

Date 05/20/2016

Final Checker mtddeguzman Date 08/29/2016 jcadiz

Date 08/29/2016

AUG 3 0 2016





### UNIVERSITY OF THE PHILIPPINES DILIMAN TRANSCRIPT GUIDE

Student records are confidential and information is released only at the request of the student or of appropriate institutions [provided an authority to release is issued by the student]. "Partial" transcripts are not issued. Official transcripts of records obtained from other institutions and which have been submitted to the University for admission and/or transfer of credit become part of the student's permanent record and are issued as certified true copies with the UP transcript.

Application for transcript of records should be accompanied by a student clearance (UP Form 241). University clearance should be applied for immediately after the last semester/trimester/term of enrolment.

### **Transcript Entries**

Courses taken in UP Diliman, cross-enrolled in other Constituent Units (CUs); Advance Placement Examination (APE), Advance Credits Awarded, and Proficiency Examination in Physical Education (PEPE) appear in the Transcript of Records.

Advance Placement Examination (APE)

New freshmen who qualify for and pass the prescribed advance placement examination in basic courses in the freshman year such as the languages, College Algebra, Plane Trigonometry, and others within one (1) year of their enrolment in the University, shall be given credit for the corresponding subjects in their academic program provided that this privilege is not given for more than six (6) units in any one discipline. These examinations are usually scheduled two (2) weeks before the advanced freshmen registration every first semester.

Holders of the International Baccalaureate (IB) diploma/certificate may apply for advance credit for certain subjects they have taken. However, the total credit that may be granted, including automatic credit, shall not exceed 15 units per subject area.

Proficiency Examination in Physical Education (PEPE)

Proficiency examinations (or credit by examination) in PE courses are given to enable students who are already skillful in one (1) or more sports to acquire advanced units in PE. Any student who passes a PEPE shall be given credit for the corresponding PE course. Students may take proficiency examinations in one (1) or more courses to meet the PE requirements. The examination is given twice a year before the start of every semester.

Validation for Advanced Credits

A transfer student admitted with less than 66 units of work must validate all the courses he/she is applying for advanced credits at the rate of 18 units a semester within a period not exceeding three (3) semesters from the date of admission.

As of February 2015

### **Academic Calendar**

The Academic Calendar is divided into two (2) semesters of at least 16 weeks each, exclusive of registration and final examination period. Each semester consists of at least 100 class days. A summer session of 6 weeks follows the second semester. Class work in the summer session is equivalent to class work in one (1) semester.

The first semester begins in August, the second semester in January, and the midyear term in June.

All academic units in UP Diliman operate under the semestral system, except for the Master of Business Administration and the Master of Science in Finance programs of the Cesar E.A. Virata School of Business (CEAVSB), the Master of Management of the UP Extension Program in Pampanga/Olongapo, and the Professional Masters in Tropical Marine Ecosystems Management program of the College of Science which are under the trimestral system.

### Special Order Number

The University of the Philippines, the National University by virtue of R.A. 9500, operates under a University Charter. Graduation of students does not require confirmation by the Commission on Higher Education (CHED), thus, the University does not issue a Special Order No. to its graduates.

### **Authenticity**

The copy of the Transcript of Records is an exact reproduction of the transcript on file with the Office of the University Registrar and is considered as a copy of the original when it bears the dry seal of the University and the original signature of the University Registrar or a Security Signature Stamper. The use of the stamper was approved by the Board of Regents at its  $1303^{rd}$  meeting held last 26 November 2014 and implemented effective January 2015.

Any erasure or alteration made on this copy renders the whole transcript spurious and invalid.

### **Credit Unit**

The unit is the semester hour. Most classes taught at the University meet 3 hours a week; these classes carry 48 clock hours of instruction and 3 units of credit.

Each unit of credit is at least 16 semester-hours of instruction in the form of lecture, discussion, seminar, tutorial, recitation, or any combination of these forms. Laboratory work, field work, or related student activity is credited one (1) unit for at least thirty-two (32) semester hours.

CERTIFIED PHUTOGOPY OF THE ORIGINAL

TERESITA L. QUINANOLA

MARILYN R. CANTA, Ph.D.
University Registrar





### UNIVERSITY OF THE PHILIPPINES DILIMAN TRANSCRIPT GUIDE

### **Grading System**

The following grading systems have been adopted:

		-			GRADE			
ACADEMIC YEAR	Excellent, Marked Excellence <sup>1</sup>	Very Good	Good, Thoroughly Satisfactory <sup>1</sup>	Satisfactory	Passing, Passed, <sup>1, 6</sup> Pass <sup>4, 5, 7</sup>	Conditional Failure, Condition No Credit <sup>1</sup> , Conditional <sup>7</sup>	Incomplete	Failure Must Repeat. <sup>1</sup> Failing, <sup>2</sup> Failure, <sup>3, 5</sup> Fail, <sup>4, 7</sup> Failed <sup>4</sup>
1915-1925	1	1.5	2	2.5	3	4	Inc.	
1926 - 1941	1		2	7	3	4	the solution in	5
1942 - 1951	1	1.5	2	2.5	3	4	Inc.	5
1952-1957	1	-	2	-	3	4	-	5
1958 - 1962	1			2.5	3	4	Inc	5
1963 - 1964*	1	1.5	2	2.5	3	-	Inc	5
1965 - 1971	1	1.5		2.5	3	4	Inc.	5
1972 - 1973**	1	1.5	2	2.5	3	4	Inc.	5
1974 - 1979	1-1.25	1.5-1.75	2-2.25	2.5-2.75	3	4		5
1980 - 1995**	1	1.5	2	2.5	3	4	Inc	5
1996 - 2003**	1	1.5	2	2.5	3	4	Inc.	5
2004 to present***	1-1.25	1.5-1.75	2-2.25	2.5-2.75	3	4	Inc	5

For graduate courses in the College of Agriculture, Graduate College of Education and Graduate School of Arts and Sciences, grades below "2" shall not carry graduate credit.

\*\*Grades of 1.25, 1.75, 2.25 and 2.75 may also be given but in no case shall they be more detailed than in multiples of 0.25. \*\*\*Some subject are graded H - Honors, P-Pass, F - Fail.

AY1926-1941 & 1952-1957

4AY1965-1971

<sup>2</sup>AY1942-1951, 1963-1964 &1972-1973 5AY1974-1979

AY1980-1995

3AY1958-1962 7AY1996-to present

### **Grade Equivalent**

The equivalent of UP grades in percentages, letter grades and grade points are as follows:

UP Grade	Adjectival	Percentage	Letter	Grade
	Equivalent		Grade	Points
1	- " .	97 - 100	Α	4
1.25	Excellent	94.25	A-	3.625
1.5	Vam. Cood	91.5	B+	3.25
1.75	Very Good	88.75	В	2.875
2	Caral	86	B-	2.5
2.25	Good	83.25	C+	2.125
2.5	Catisfactory	80.5	С	1.75
2.75	Satisfactory	77.75	C-	1.375
3	Pass	75	D	1
4	Conditional			
5	Fail	Fail	F	0
Inc.	Incomplete			

### **Honorable Dismissal**

Honorable Dismissal is voluntary withdrawal from the University. The petition for honorable dismissal is granted to: a student in good standing; upon settlement of accountabilities in the University, and approval by the University Registrar.

A statement that the student has been dropped from the rolls due to poor standing may be added to the honorable dismissal certification.

Honorable dismissal is not issued to a student who has graduated from the University and to a student who was expelled due to disciplinary action.

### Transfer Credentials/COPY FOR:

A Transcript of Records (TOR) with notation "COPY FOR: (name of school)" means that the University has transferred the records of the student to the receiving school.

The University can only issue another copy of the TOR to the student upon submission of a "No Objection Letter" issued by the school where the student is currently enrolled.

### National Service Training Program (NSTP)

Republic Act 9163 known as the NSTP Act of 2001 mandates State Universities to offer Reserve Officers' Training Corps (ROTC) and its components such as Literacy Training Service (LTS) and Civic Welfare Training Service (CWTS).

Rule III, Section 4(c) of the Implementing Rules and Regulations of R.A. 9163 issued on 13 November 2009 requires completion of a 25-hour common module prior to taking up a particular NSTP component.

All students enrolled in any baccalaureate or in at least two (2) year technical/vocational or associate course are required to complete the equivalent of two (2) semesters of any of the above components as a requisite for graduation.

R.A. 9163 however waived the requirements of ROTC prior to graduation of students who have finished all academic requirements on or before the 2nd Semester AY 2001-2002. Students may be graduated as of 2nd Semester AY 2001-2002 after application for graduation and without the required one-year residence.

ERTIFIED PHUTOCOPY OF THE ORIGINAL

TERESITA L. QUINANOLA PERVISING ADMINISTRATIVE

MARILYN R. CANTA, Ph.D. University Registrar



Main Campus

Visca, Baybay City, Leyte 6521-A

Philippines

Page

:www.vsu.edu.ph :op@vsu.edu.ph

registrar@vsu.edu.ph Tele Fax :+63 53 335 2601 +63 53 335 2644

### AL TRANSCRIPT OF RECORD

### PERSONAL DATA

Student Name

: Alao, Virgelio Monter

Student Number

: 03-1-00420

**Date of Birth** 

: February 12, 1986

Place of Birth

Balugo Albuera , Leyte

Sex

: Male

Religion

: Roman Catholic

Citizenship Parent/Spouse : Filipino

: Josefina M. Alao

**Address** 

: Balugo, Albuera, Leyte

Tel. No./Cell. No.

Guardian

Address/Cell. No. :



### PRELIMINARY EDUCATION

Elementary

: Balugo Elementary School Balugo, Albuera, Leyte

Year

1998

High School

: Balugo National High School

Year

2002

Entrance

Balugo, Albuera, Leyte

Form 138

Credential

: Balugo National High School

Balugo, Albuera, 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

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.

Not Valid Without Seal Page L of 3 pages

LINDA N. MARISCAL University Registrar C

ERLIFIED PHULDCOPY OF THE ORIGINAL

'QUINANOLA TERESITA L IDERVISING ADMINISTRATIVE DEFICES CERTIFIED COPY

MARILYN R. CANTA, Ph.D. University Registrar University of the Philippines Diliman



Page

website email

:www.vsu.edu.ph :op@vsu.edu.ph registrar@vsu.edu.p

registrar@vsu.edu.ph Tele Fax :+63 53 335 2601 +63 53 335 2644

### OFFICIAL TRANSCRIPT OF RECORDS

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

03-1-00420 : Alao, Virgelio Monter

Philippines

Visca, Baybay City, Leyte 6521-4

Bachelor of Science in Statistics (BSS)

Course	Descriptive Title	Grade	Credit
	First Semester, SY 2003-2004		
			4 0
CHEM 11	GENERAL CHEMISTRY I	1 75	1 0
ENGL 11	COMMUNICATION SKILLS I	1.75	3.0
MATH 11	COLLEGE ALGEBRA	2.00	3.0
NSTP 11c	CIVIC WELFARE TRAINING SERVICE (CWTS)	2.00	3.0
PHYED11	PHYSICAL FITNESS AND GYMNASTICS	1 00	2.0
SCSC 13	SOCIO-ECONOMIC SYSTEMS	1.00	3.0
SOCI 11	GENERAL SOCIOLOGY	2.00	3.0
ENGL 12	Second Semester, SY 2003-2004 COMMUNICATION SKILLS II SINING NG PAKIKIPAGTALASTASAN AT RETORIKA PLANE TRIGONOMETRY	2 00	3 0
FIL 11	SINING NG PAKIKIPAGTALASTASAN AT RETORIKA	1.50	3.0
MATH 12	PLANE TRIGONOMETRY	1.50	3.0
NSTP 12c	CIVIC WELFARE TRAINING SERVICE (CWTS)	1.50	3.0
PHYED12	REC.GAMES, RHYTMIC ACT. AND DANCE	1 25	3.0
PSYC 11	CIVIC WELFARE TRAINING SERVICE(CWTS) REC.GAMES, RHYTMIC ACT. AND DANCE GENERAL PSYCHOLOGY	1.50	2.0
SCSC 11	DUTI COC DDODC 17MD DEFORM - TRUETE		
SCSC 15	PHIL. HISTORY & CONSTITUTION	1.75	3.0
SCSC 16	PHIL. HISTORY & CONSTITUTION LIFE AND WORKS OF RIZAL	2.75	3.0
	First Semester, SY 2004-2005 FUNDAMENTALS OF CROP PRODUCTION INTRO TO LITERATURE MATHEMATICAL LOGIC MATH ANALYSIS I TEAM SPORTS GENERAL PHYSICS	2.75	3.0
AGRO 21	FUNDAMENTALS OF CROP PRODUCTION	1.25	2 0
ENGL 21	INTRO TO LITERATURE	1 75	3.0
MATH 25	MATHEMATICAL LOGIC	1.75	3.0
MATH125	MATH ANALYSIS I	1.75 2.00 1.50	5.0
PHYED13	TEAM SPORTS	1.50	3.0
PHYS 11	GENERAL PHYSICS	2 75	4.0
PPRT 21	PRINCIPLES OF PLANT PROTECTION	2.00	3.0
	Second Semester CV 2004 2005		3.0
AS 22	DRIN OF ANIMAL PROPRIETOR		2 0
BIO 22	PRINCIPLES OF GENETICS	1.75	3.0
MATH126	MATH ANALYSIS II	1.75	5.0
PHYED14	INDIVIDUAL/DUAL SPORTS	1 25	3.0
SPCH 11	PRINCIPLES OF GENETICS MATH ANALYSIS II INDIVIDUAL/DUAL SPORTS SPEECH COMMUNICATION FUNDAMENTALS OF SOIL SCIENCE ELEMENTARY STATISTICS	1 25	3.0
SS 22	FUNDAMENTALS OF SOIL SCIENCE	1.20	3.0
STAT 21	ELEMENTARY STATISTICS	2.00	3.0
	<pre><continued next="" on="" page=""></continued></pre>	2.00	3.0

Not Valid Without Seal Page 2 of 3 pages

ERTIFIED PHOTOCOPY OF THE ORIGINAL

TERESITA L. QUINANOLA

LINDA N. MARISCAL University Registrar (

CERTIFIED COPY

MARILYN R. CANTA, Ph.D.
University Registrer
University of the Philippines Diliman



### VISAYAS STATE UNIVERSITY (Formerly Visayas State College of Agriculture and Leyte State University)

Main Campus

Visca, Baybay City, Leyte 6521-4 Philippines Page\_\_\_\_

website :www.vsu.edu.ph email :op@vsu.edu.ph

registrar@vsu.edu.ph

:+63 53 335 2601 +63 53 335 2644

### OFFICIAL TRANSCRIPT OF RECORDS

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

03-1-00420

: Alao, Virgelio Monter

Bachelor of Science in Statistics (BSS)

Grade	Credit
	Credit
1.75	3.0
1.75	3.0
1.75	3.0
2.75	3.0
2.25	3.0
1.50	3.0
2.50	3.0
1.75	3.0
	3.0
2 00	3 0
2 25	3.0
1 25	3.0
2.50	3.0
2.50	3.0
2.00	3.0
2.00	3.0
2.25	3.0
2.00 1.75 2.75 2.25 1.50 2.50 1.75 2.00 2.25 1.25 2.00 2.00 2.25 2.25 2.25	3.0
2.25	3.0
1.25 N 1.75	3.0
N 1.75	3.0
1.25	3.0
2.00	3.0
2.25	3.0
1.50	3.0
1.75 1.25 2.00 2.25 1.50 1.75	1.0
1.50	3.0
1.75	3.0
1.25	3.0
2.50	3.0
1.75	3.0
	1.50 1.75 1.25 2.50 1.75 or of Scie

(BSS) as per LSU Board of Regents Resolution No. 2, s. 2007 dated March 9, 2007. < any entry below this line is null and void >

Not Valid
Without Seal
Page 3\_ of 3\_ pages

SERTIFIED PHUTOGOPY OF THE ORIGINAL

TERESITA L. QUINANOLA

LINDAN. MARISCAL University Registrar M

CERTIFIED COPY

MARILYN R. CANTA, Ph.D.
University Registrar
University of the Philippines Diliman