

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

Rafael Junnar Parrilla Dumalan

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

Master of Science (Marine Science)

with all the rights, honors, and privileges as well as the obligations and responsibilities thereunto appertaining. Given in Quezon City, Philippines, on the 8^{th} day of January of the year two thousand seventeen.

(Sgd) ALFREDO E. PASCUAL

President of the University

(Sgd) MICHAEL L. TAN
Chancellor of U.P. Diliman

(Sgd) LILIAN A. DE LAS LLAGAS
Secretary of the University

(Sgd) JOSE MARIA P. BALMACEDA

Dean of College of Science

Certified Translation of the Original:

MARIA VANESSA P. LUSUNG-OYZON, Ph.D.





OFFICE OF THE UNIVERSITY REGISTRAR OFFICIAL TRANSCRIPT OF RECORDS

		Name DUMALAN, RAFAEL JUNNAR PARRILL			
Entrance Data:		Student No. 2009-79233 Sex Assigned at Birth Male			
Date/Semester admitted	1st Semester, 2009-2010	Date & Place of Birth October 05, 1986; Ormoc City, Leyte			
Category	College Graduate	Father's Name Rodrigo Dumalan			
Diploma/Title/Degree	B.S. Biology	Mother's Name Dolores Parrilla			
High School/College	Visayas State University	Degree/Title/Course:			
Date Graduated/Last attended April 2, 2007		MASTER OF SCIENCE (Marine Science: Marine Biology January 08, 2017			
NCEE Rating	Year Taken				
S.O. No.:Date					

COLLEGIATE RECORD		GRADES		
COURSE NUMBER	COURSE TITLE	FINAL	Re-exam Completion	CRE
	Records from the University of the Philippines Diliman begin on page 2. Entrance credentials show graduation from Visayas State University with the degree of Bachelor of Science in Biology (BSBio) major in Marine Biology, cum laude on April 2, 2007.		Completion	
	Certified copies of the official transcript of records from the above school are attached as pages 6, 7, and 8.			

Initial Checker mfabella Final Checker Printed By

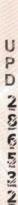
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Date 05/09/2017 Date 06/21/2022 9 Date 06/22/2022



MARIA VANESSA P. LUSUNG-OYZON, Ph.D





OFFICE OF THE UNIVERSITY REGISTRAR OFFICIAL TRANSCRIPT OF RECORDS

DUMALAN, RAFAEL JUNNAR PARRILLA

	Student No. 2009-79233			
COLLEGIATE RECORD GRADES				
COURSE NUMBER	COURSE TITLE	FINAL	Re-exam Completion	CREDIT
	COLLEGE OF SCIENCE (Master's Program)			
1st Semester, 2009-2010 MS 210 MS 220	Physical Oceanography Chemical Oceanography	2 2		3
2nd Semester, 2009-2010 Residence				
1st Semester, 2010-2011 MS 240 MS 397	Biological Oceanography Special Topics in Marine Science	1.5 1.5		3
2nd Semester, 2010-2011 MS 252 MS 361 MS 385	Marine Biogeography Reproductive Biology of Marine Organisms Marine Toxinology	1.25 1.75 1.25		3 3 3
1st Semester, 2011-2012 Env Sci 227 MS 396	Quantitative Ecology Seminar	1 1.25		3 1
2nd Semester, 2011-2012 MS 300 1st Semester, 2012-2013	M.S. Thesis	Pass		3
Residence 2nd Semester, 2012-2013	Marie States			
Residence 1st Semester, 2013-2014 Residence				
2nd Semester, 2013-2014 Residence				
1st Semester, 2014-2015 MS 300	M.S. Thesis	Pass		3
2nd Semester, 2014-2015 MS 242 1st Semester, 2015-2016 Residence	Marine Microbiology	1.25		3
2nd Semester, 2015-2016 Residence				

Continued on page 3. Transcript guide on page 4 and page 5.

Initial Checker mfabella Date U5/05/22

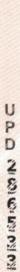
Checker lctorres Date 06/21/2022

Date 06/22/2022

jcadiz Date 06/22/2022







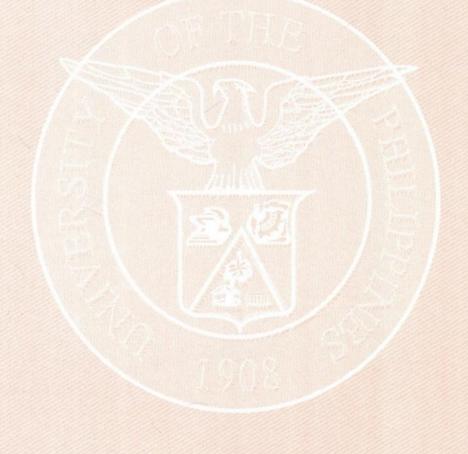


OFFICE OF THE UNIVERSITY REGISTRAR OFFICIAL TRANSCRIPT OF RECORDS

DUMALAN, RAFAEL JUNNAR PARRILLA

2009-79233 Student No.

COLLEGIATE RECORD				
			Re-exam	CREDITS
COURSE NUMBER	COURSE TITLE	FINAL	Completion	
Midyear, 2016 Residence				
<u>1st Semester, 2016-2017</u> MS 397	Special Topics in Marine Science: Molecular Ecology and Evolution	1.25		3
Thesis Title: "Growth, Su	rvival, and Bioturbation of Holothuria scabra in Mariculture	Impacte	d Sedim	ents"
Graduated with the deg	ree of MASTER OF SCIENCE (Marine Science: Marine Biology) on Janu	ary 08,	2017
	End of UP Diliman Transcript. Cleared: May 03, 2017			



Initial Checker Final Checker Printed By

Date Issued

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Date 05/09/2017 Date 06/21/2022 Date 06/22/2022

jcadiz JUN 3 0 2022



MARIA VANESSA P. LUSUNG-OYZON, Ph.D



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 August, 2019

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.

Effective Academic Year 2014-2015, the first semester begins in August, the second semester in January, and the midyear term in June. Prior to this, the first semester begins in June, the second semester in November, and the summer term in April.

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 1303rd 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.

MARIA VANESSA P. LUSUNG-OYZON, Ph.D





UNIVERSITY OF THE PHILIPPINES DILIMAN TRANSCRIPT GUIDE

Grading System

The following grading systems have been adopted:

	GRADE							
ACADEMIC YEAR	Excellent, Marked Excellence ¹	Very Good	Good, Thoroughly Satisfactory ¹	Satisfactory	Passing, Passed, ^{1, 6} Pass ^{6, 5, 7}	Conditional Failure, Condition No Credit ¹ , Conditional ⁷	Incomplete	Failure Must Repeat, ¹ Failing, ² Failure, ^{3, 5} Fail, ^{4, 7} Failed ⁶
1915-1925	1	1.5	2	2.5	3	4	Inc.	
1926 - 1941	1		2		3	4		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	100000000000000000000000000000000000000	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.

²AY1942-1951, 1963-1964 &1972-1973

3AY1958-1962

4AY1965-1971

5AY1974-1979

6AY1980-1995

AY1996-to present

Grade Equivalent

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

UP Grade	Adjectival Equivalent	Percentage	Letter Grade	Grade Points
1	Excellent	97 - 100	Α	4
1.25	Excellent	94.25	A-	3.625
1.5	Van Cood	91.5	B+	3.25
1.75	Very Good	88.75	В	2.875
2	Good	86	B-	2.5
2.25		83.25	C+	2.125
2.5	Catiefactory	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			4,00

Note: For Thesis/Dissertation courses, qualitative grades such as S - Satisfactory, U - Unsatisfactory, and P - Pass do not have equivalent grades in the International Grading System. These non-numerical grades should be taken independently of the International Grading System.

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.



¹AY1926-1941 & 1952-1957



Main Campus Visca, Baybay, Leyte 6521-A **Philippines**

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Parrilla

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

OFFICIAL TRANSCRIPT RECORDS

Rafael Junnar

PERSONAL DATA

Student Name

: Dumalan,

Student Number

: 03100780

Date of Birth

: October 5, 1986

Place of Birth

: Ormoc City

Sex

: Male

Religion

: Roman Catholic

Citizenship

: Filipino

ACR No. Parent/Spouse

: Rodrigo D. Dumalan

Address

: Puravill Subd., Owak, Ormoc City

Tel. No Guardian

Address

Tel. No.

PRELIMINARY EDUCATION

Elementary

: St. Peter's College

Year:

1999

High School

Ormoc City : St. Peter's College

Year:

2003

Entrance Credential :

Form 138

Ormoc City

St. Peter's College

Ormoc City

GRADING SYSTEM

RATING	EQUIVALENT	QUALITY
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 - Sat	isfactory'	Inc - Incomplete
	atisfactory	Drp - Dropped
	it (No credit)	

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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LINDA N. MARISCAL University Registrar

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VISAYAS STATE UNIVERSITY

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

Main Campus Visca, Baybay, 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 : Dumalan, Rafael Junnar Parrilla

Student No.: 03100780

Course : Bachelor of Science in Biology (BSBio)

LEYTE STATE UNIVERSITY NOW VISAYAS STATE UNIVERSITY (VSU), Visca,

Baybay, Leyte

Course No	Descriptive Title First Semester, SY 2003-2004	Grade	Credits
	First Samestar SV 2003-2004		
BTO 11	GENERAL BIOLOGY GENERAL CHEMISTRY I COMMUNICATION SKILLS I COLLEGE ALGEBRA	1 50	4 0
CHEM 11	GENERAL CHEMISTRY I	1.75	4.0
ENGL 11	COMMINICATION SKILLS I	1.75	3.0
мати 11	COLLEGE ALGEBRA	2.50	3.0
PSVC 11	COLLEGE ALGEBRA GENERAL PSYCHOLOGY	1.50	3.0
SCSC 13	SOCIO-ECONOMIC SYSTEMS	2.25	3.0
	CIVIC WELFARE TRAINING SERVICE (CWTS)		
	PHYSICAL FITNESS AND GYMNASTICS		
WARRANT TO THE REAL PROPERTY.	Second Semester, SY 2003-2004		
BOT 21	GENERAL BOTANY	1.50	3.0
ENGL 12	GENERAL BOTANY COMMUNICATION SKILLS II PLANE TRIGONOMETRY	1.50	3.0
MATH 12	PLANE TRIGONOMETRY	2.00	3.0
PHILO12	CONTEMPORARY PHILOSOPHICAL THOUGHTS	1.75	3.0
SCSC 15	CONTEMPORARY PHILOSOPHICAL THOUGHTS PHIL. HISTORY & CONSTITUTION GENERAL SOCIOLOGY	1.25	3.0
2001 11	GENERAL SOCIOLOGI	1.75	3.0
	CIVIC WELFARE TRAINING SERVICE (CWTS)		
	REC.GAMES, RHYTMIC ACT. AND DANCE First Semester, SY 2004-2005		
BIO 22	PRINCIPLES OF GENETICS	1.25	3.0
ENGL 21	PRINCIPLES OF GENETICS INTRODUCTION TO LITERATURE	1.25	3.0
FIL 11	SINING NG PAKIKIPAGTALASTASAN AT RETO	1.25	
HUM 11	INTRODUCTION TO HUMANITIES GENERAL PHYSICS	1.50	3.0
the de de des feet - who who	OHIGH THEOLOG	- · · ·	4.0
SCSC 14	PHIL.SOC. PROBS., LAND REFORM & TAXN.		
SPCH 11	SPEECH COMMUNICATION	1.25	3.0
PHYED13	TEAM SPORTS	1.50	2.0
	Second Semester, SY 2004-2005		
CHEM 21	GENERAL CHEMISTRY II FUNDAMENTALS OF ECOLOGY PANITIKANG FILIPINO ELEMENTARY CALCULUS GENERAL MICROBIOLOGY	2.00	3.0
ECOL 21	FUNDAMENTALS OF ECOLOGY	1.50	3.0
FIL 12	PANITIKANG FILIPINO	1.75	3.0
MATH101	ELEMENTARY CALCULUS	2.25	3.0
MICR 22	GENERAL MICROBIOLOGY	1.75	3.0
	COLLEGE PHYSICS	2.50	3.0
STAT 21	ELEMENTARY STATISTICS	2.25	3.0
PHYED14	INDIVIDUAL/DUAL SPORTS	1.50	2.0
	First Semester, SY 2005-2006		
BIOL127	ELEMENTARY PHYSIOLOGY	1.50	5.0
BIOL111	FUNDAMENTALS OF MARINE BIOLOGY	1.25	4.0
CHEM 31	BIOCHEMISTRY	1.00	3.0
CS 21	INTRODUCTION TO COMPUTERS	1.25	3.0
	ARGUMENTATION AND DEBATE	1.50	3.0
RS 137	COMMUNITY ACTION	2.25	3.0

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University Registrar
University of the Philippings Billings

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LINDA N. MARISCAL University Registrar

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VISAYAS STATE UNIVE

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

Visca, Baybay, Leyte 6521-A **Philippines**

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

TRANSCRIPT OF RECORDS OFFICIAL

: Dumalan, Rafael Junnar Parrilla Name

Student No.: 03100780

Course : Bachelor of Science in Biology (BSBio)

LEYTE STATE UNIVERSITY NOW VISAYAS STATE UNIVERSITY (VSU), Visca,

Baybay, Le			
Course No	_	Grade	Credits
	First Semester, SY 2005-2006		
STAT130	STATISTICAL METHODS	2.50	3.0
	Second Semester, SY 2005-2006		
BIOL112	MARINE PLANKTON	1.50	4.0
BIOL138	INTRO. TO MOLECULAR & CELL BIOLOGY	1.25	3.0
BIOL152		1.25	4.0
BIOL158		1.75	5.0
BIOL192		1.25	4.0
BIOL198	RESEARCH PLANN.& MANUSCRIPT PREPN.	1.50	3.0
DIODIJO	First Semester, SY 2006-2007		
BIOL161	MARINE ECOSYSTEMS	1.25	4.0
BIOL113		1.25	
BIOL200			In Progress
SSCI 16		1.25	3.0
ZOOL141		1.25	4.0
		1.50	5.0
ZOOL143	Second Semester, SY 2006-2007	1.50	5.0
100		1 50	3.0
ECOL182			
BIOL199		1.25	
BIOL200		1.25	
THESIS:			
	alvarezii DOTY (RHODOPHYTA) UNDER THE	BOX METHOD	OF FARMING
	AND COCONUT WATER TREA	ATMENT	

Graduated CUM LAUDE on April 2, 2007 with the degree of Bachelor of Science in Biology (BSBio) major in Marine Biology as per LSU Board of Regents Resolution No. 2, s. 2007 dated March 9, 2007.

Any Entry Below this Line is Null and Void

Copy for: University of the Philippines Diliman Quezon City

REMARKS

GRANTED TRANSPER CREDENTIAL

DATE ISSUED: MAR 1 2 2010

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LINDA N. MARISCAL University Registrar