

# University of San Carlos



Cebu City, Philippines

*To all whom these presents shall come*

## Greetings

*Be it known that*

## Analyn Mendoza Alazo

*having satisfactorily completed the prescribed Curriculum, in accordance with the recommendation of the Faculty, the approval of the Board of Trustees and by Authority of the Government of the Philippines, has this day been granted the degree of*

## Doctor of Philosophy in Biology

*with all the Rights and Privileges thereto appertaining. In testimony whereof are herewith affixed the Corporate Seal of the University and the Signatures of the President, the Vice President for Academic Affairs, and the Dean.*

*Given at Cebu City, Philippines, this 18th day of October 2014.*

  
DELIA M. BELLEZA, Ph.D.  
Dean

  
FR. DIONISIO M. MIRANDA, SVD, MA, STD  
President

  
FR. ANTHONY S. SALAS, SVD, MM  
Vice President for Academic Affairs

**CERTIFIED TRUE COPY OF THE ORIGINAL**

  
**TERESITA L. GUINÁNOLA**  
ADVISING ADMINISTRATIVE OFFICE



# 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)

227

SCHOOL CODE: 0650

## CERTIFICATION

May 21, 2007

### TO WHOM IT MAY CONCERN:

THIS IS TO CERTIFY that **MRS. ANALYN A. MENDOZA** graduated from the Graduate Program in Marine Biology of this University with the degree of **MASTER OF SCIENCE IN MARINE BIOLOGY (M.S.M.B.)** as of **March 23, 2007**.

THIS IS TO CERTIFY, FURTHER, that he/she is exempted from the requirement of Special Order, having graduated from the **Graduate School** which is accredited by the Philippine Accrediting Association of Schools, Colleges, and Universities (PAASCU) of which the University of San Carlos is a charter member.

THIS IS TO CERTIFY, FURTHERMORE, that the exemption from the issuance of Special Order granted to PAASCU LEVEL III ACCREDITED Institutions/Programs is mandated by the Batas Pambansa Blg. 232, otherwise known as the Education Act of 1982, as implemented by DECS Order No. 93, s. 1992 dated April 17, 1992, and revised by CHED Order No. 31, s. 1995 dated September 25, 1995.

THIS IS TO CERTIFY, FINALLY, that the University of San Carlos has been granted autonomous and deregulated status by the Commission on Higher Education, CHED Memorandum Order No. 32, s. 2001 dated September 25, 2001.

THIS certification is issued **for evaluation**.

**ROMEO E. YAP**  
University Registrar

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/ross



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RECEIVED: LEO GUINANG  
MEMBER: CONTACT MEMBERS





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220

SCHOOL CODE: 0650

### OFFICIAL TRANSCRIPT OF RECORDS

Page: 1

#### PERSONAL DATA

Student Name : MENDOZA, ANALYN A.  
Id Number : 50191  
Birthdate : JANUARY 24, 1973  
Birthplace : NAAWAN, MISAMIS ORR.  
Sex : FEMALE  
Religion : OTHERS  
Citizenship : FILIPINO  
ACR No. :  
Parent/Spouse : MS. ANALYN MENDOZA  
Address : UNIVERSITY OF SAN CARLOS  
CEBU CITY, CEBU  
Tel. No. :  
Guardian :  
Address :  
Tel. No. :

#### ENTRANCE DATA

Elementary : NAAWAN CENTRAL SCHOOL Year : 1985  
Secondary : MSU-IFRD Year : 1989

#### GRADING SYSTEM

GRADE	EQUIVALENT	INDICATION
1.0	A+	100-95% Excellent
1.1-1.5	A - A-	94-90% Very Good
1.6-2.5	A- - B-	89-80% Good
2.6-3.0	C+ - C	79-75% Fair
5.0	C-	74 Failure
NC	"No Credit"	
W	"Withdrawal with official notice"	
IP	"In Progress"	
P	"Passed"	

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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DATE: 10/10/2010

REGISTRAR

ROMEO E. YAP  
University Registrar



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SCHOOL CODE: 0650

### OFFICIAL TRANSCRIPT OF RECORDS

Page: 2

: Student Name: MENDOZA, ANALYN A. :

: Course :	: Description :	: Grade :	: Unit/s :
Summer 1994			
: BIO 223 :	: MARINE ECOSYSTEMS ADN ECOSYSTEM ANALYSIS :	: 1.8 :	: 2.0 :
: BIO 223L :	: MARINE ECOSYSTEMS & ECOSYSTEM ANALYSIS L :	: 1.8 :	: 2.0 :
First Semester 1997-1998			
: BIOL 206 :	: MARICULTURE :	: 1.2 :	: 2.0 :
: BIOL 206L :	: MARICULTURE LABORATORY :	: 1.0 :	: 1.0 :
Summer 1998			
: BIOL 222L :	: MARINE METHODOLOGY :	: 1.6 :	: 1.0 :
: BIOL 207N :	: MARINE TOXICOLOGY :	: 1.1 :	: 2.0 :
: BIOL 222 :	: MARINE METHODOLOGY :	: 1.4 :	: 2.0 :
: BIOL 207NL :	: MARINE TOXICOLOGY LABORATORY :	: 1.2 :	: 1.0 :
First Semester 2003-2004			
: BOTN 205NL :	: ADVANCED MORPHOLOGY AND PHYSIOLOGY OF MA :	: 1.5 :	: 1.0 :
: OCEA 200NL :	: BIOLOGICAL OCEANOGRAPHY LABORATORY :	: 1.9 :	: 1.0 :
: OCEA 200N :	: BIOLOGICAL OCEANOGRAPHY :	: 1.6 :	: 2.0 :
: BOTN 205N :	: ADVANCED MORPHOLOGY AND PHYSIOLOGY OF MA :	: 1.6 :	: 2.0 :
Second Semester 2004-2005			
: RES 201 :	: ELEMENTS OF RESEARCH :	: 1.4 :	: 3.0 :
First Semester 2005-2006			
: BIOL 205 :	: BIOLOGICAL RESOURCE MANAGEMENT :	: 1.8 :	: 3.0 :
Second Semester 2005-2006			
: BIOL 213L :	: MARINE MICROBIOLOGY LABORATORY :	: 1.5 :	: 1.0 :
: BIOL 213 :	: MARINE MICROBIOLOGY :	: 1.9 :	: 2.0 :

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UNIVERSITY OF SAN CARLOS

ROMEO E. YAP

University Registrar

RESITA LAO O GUINANOL  
HUMAN RESOURCE MGT. OFFICER





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227

SCHOOL CODE: 0650

## OFFICIAL TRANSCRIPT OF RECORDS

Page: 3

: Student Name: MENDOZA, ANALYN A.

: Course	: Description	: Grade	: Unit/s:
: THES RES	: First Semester, 2006-2007 : THESIS COUNSELING	: IP	: 3.0
: THES RES	: Second Semester, 2006-2007 : THESIS COUNSELING	: IP	: 3.0

GRADUATED: MASTER OF SCIENCE IN MARINE BIOLOGY (M.S.M.B.)

DATE : March 23, 2007

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ROMEO E. YAP  
University Registrar

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GRESITA L. QUINOLA  
MANAGING DIRECTOR



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SCHOOL CODE: 7078

### OFFICIAL TRANSCRIPT OF RECORDS

Page 1

#### PERSONAL DATA

Student Name : MAZO, ANALYN MENDOZA  
ID Number : 50191  
Birthdate : January 24, 1973  
Birthplace : NAAWAN, MISAMIS ORIENTAL  
Gender : FEMALE  
Religion : ROMAN CATHOLIC  
Citizenship : FILIPINO  
Parent/Spouse : ANTONIO D. MENDOZA  
Address : C/O DEPT. OF BIOLOGICAL SCIENCES, VISAYAS STATE UNIVERSITY, BAYBAY CITY, LEYTE,  
PHILIPPINES  
Tel no. :

#### PRELIMINARY EDUCATION

Elementary : NAAWAN CENTRAL SCHOOL Year : 1985  
Secondary : MSU - NAAWAN FISHERIES HIGH SCHOOL Year : 1989

#### GRADING SYSTEM

GRADE	EQUIVALENT	INDICATION
1.0 A+	100-95%	Excellent
1.1-1.5 A - A-	94-90%	Very Good
1.6-2.5 A- - B-	89-80%	Good
2.6-3.0 C+ - C	79-75%	Fair
5.0 C-	74	Failure
INC "Incomplete"		
NC "No Credit"		
W "Withdrawal with official notice"		
IP In Progress		
P Passed		

One collegiate unit of credit is one hour lecture or recitation each week or total of 18 hours in a semester. Three hours 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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TERESITA L. QUIÑANOLA  
SUPERVISING ADMINISTRATIVE OFFICER

ROMEO E. YAP  
University Registrar





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**OFFICIAL TRANSCRIPT OF RECORDS**

Page 2

Student Name : MAZO, ANALYN MENDOZA

SUMMER 1994			
Course	Title	Grade	Unit/s
BIO 223	MARINE ECOSYSTEMS ADN ECOSYSTEM ANALYSIS	1.8	2.0
BIO 223L	MARINE ECOSYSTEMS & ECOSYSTEM ANALYSIS LAB	1.8	2.0
FIRST SEMESTER 1997-1998			
BIOL 206L	ADVANCED ECOLOGY LABORATORY	1.0	1.0
BIOL 206	ADVANCED ECOLOGY	1.2	2.0
SUMMER 1998			
BIOL 207N	MARINE TOXICOLOGY	1.1	2.0
BIOL 207NL	MARINE TOXICOLOGY LABORATORY	1.2	1.0
BIOL 222	MARINE METHODOLOGY	1.4	2.0
BIOL 222L	MARINE METHODOLOGY LABORATORY	1.6	1.0
FIRST SEMESTER 2003-2004			
OCEA 200NL	BIOLOGICAL OCEANOGRAPHY LABORATORY	1.9	1.0
OCEA 200N	BIOLOGICAL OCEANOGRAPHY	1.6	2.0
BOTN 205N	ADVANCED MORPHOLOGY AND PHYSIOLOGY OF MARINE PLANTS	1.6	2.0
BOTN 205NL	ADVANCED MORPHOLOGY AND PHYSIOLOGY OF MARINE PLANTS LAB.	1.5	1.0
SECOND SEMESTER 2004-2005			
RES 201	ELEMENTS OF RESEARCH	1.4	3.0
RES 200	ELEMENTS OF RESEARCH	1.4	3.0

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University Registrar

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SUPERVISING ADMINISTRATIVE OFFICER



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### OFFICIAL TRANSCRIPT OF RECORDS

Page 3

Student Name : MAZO, ANALYN MENDOZA

Course	Title	Grade	Unit/s
<b>FIRST SEMESTER 2005-2006</b>			
BIOL 205	BIOLOGICAL RESOURCE MANAGEMENT	1.8	3.0
<b>SECOND SEMESTER 2005-2006</b>			
BIOL 213	MARINE MICROBIOLOGY	1.9	2.0
BIOL 213L	MARINE MICROBIOLOGY LABORATORY	1.5	1.0
<b>FIRST SEMESTER 2006-2007</b>			
THES RES	THESIS COUNSELLING	IP	
<b>SECOND SEMESTER 2006-2007</b>			
THES RES	THESIS COUNSELLING	IP	


Graduated : MASTER OF SCIENCE IN MARINE BIOLOGY

Date Graduated : March 23, 2007

Research/Thesis : "STOCK ASSESSMENT AND REPRODUCTIVE BIOLOGY OF THE SPIDER CONCH, Lambis  
/Dissertation : lambis (LINNE, 1758) (GASTROPODA: STROMBIDAE) IN GUIUAN, EASTERN SAMAR,  
PHILIPPINES" (6 UNITS)

<b>FIRST SEMESTER 2010-2011</b>			
PHSPEMB 1	SPECIAL TOPICS IN MARINE BIOLOGY 1	1.4	3.0
PHBIO 301	FUNCTIONAL ECOLOGY	1.4	2.0
PHBIO 301L	FUNCTIONAL ECOLOGY LABORATORY	1.3	1.0
PHBIO 300L	ADVANCED RESEARCH AND EXPERIMENTAL DESIGNS IN BIOLOGY LABORATORY	1.7	1.0
PHBIO 300	ADVANCED RESEARCH AND EXPERIMENTAL DESIGNS IN BIOLOGY	1.5	2.0
PHBIO 302	SURVIVAL GLOBAL WARMING, PEAK OIL AND ECONOMIC COLLAPSE	1.6	3.0
<b>SECOND SEMESTER 2010-2011</b>			
PHSPEMB 2	SPECIAL TOPICS IN MARINE BIOLOGY 2	1.3	3.0
PHBIO 303	GLOBAL BIODIVERSITY AND THE BIOLOGY OF CONSERVATION	1.3	2.0

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### OFFICIAL TRANSCRIPT OF RECORDS

Page 4

Student Name : MAZO, ANALYN MENDOZA

Course	Title	Grade	Unit/s
PHBIO 304L	MOLECULAR SYSTEMATICS LABORATORY	1.5	1.0
PHBIO 304	MOLECULAR SYSTEMATICS	2.7	2.0
PHBIO 305B	ETHICAL PROBLEMS IN THE APPLICATION OF BIOSCIENCES	1.1	3.0
PHBIO 303L	GLOBAL BIODIVERSITY AND THE BIOLOGY OF CONVERSATION LABORATORY	1.4	1.0
SUMMER 2011			
CAS RES	RESIDENCY IN CAS	IP	
PHBIO COMP	COMPREHENSIVE EXAMINATION - ORAL / WRITTEN		
PHPROP	DISSERTION PROPOSAL HEARING		
FIRST SEMESTER 2011-2012			
PHMBIO 392	PHYSIOLOGY AND REPRODUCTION OF MARINE FLORA (SEAWEEDS, SEAGRASSES & MANGROVES)	1.7	2.0
PHMBIO 392L	PHYSIOLOGY AND REPRODUCTION OF MARINE FLORA LABORATORY (SEAWEEDS, SEAGRASSES & MANGROVES)	1.8	1.0
PHMBIO 330	MARINE LARVAL ECOLOGY	1.7	2.0
PHBIOSCI 395L	PROTEOMICS LABORATORY	1.3	1.0
PHBIOSCI 395	PROTEOMICS	1.3	2.0
PHMBIO 330L	MARINE LARVAL ECOLOGY LABORATORY	1.5	1.0
PHMBIO 391L	PHYSIOLOGY AND REPRODUCTION OF MARINE INVERTEBRATES LABORATORY	1.1	1.0
PHMBIO 391	PHYSIOLOGY AND REPRODUCTION OF MARINE INVERTEBRATES	1.2	2.0
SECOND SEMESTER 2011-2012			
PHMBIO 350	POPULATION ECOLOGY OF MARINE FISHES	1.5	2.0
PHMBIO 350L	POPULATION ECOLOGY OF MARINE FISHES LABORATORY	1.5	1.0
PHMBIO 398	AQUAPONICS AND AQUACULTURE INNOVATIONS	1.2	2.0
PHMBIO 398L	AQUAPONICS AND AQUACULTURE INNOVATIONS LABORATORY	1.3	1.0

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Page 5

Student Name : MAZO, ANALYN MENDOZA

Course	Title	Grade	Unit/s
PHDIS SEM1	SEMINAR ON DISSERTATION RESEARCH RESULTS 1	1.1	1.5
PHMBIO 310	PHYSICAL OCEANOGRAPHY	1.5	2.0
PHMBIO 310L	PHYSICAL OCEANOGRAPHY LABORATORY	1.7	1.0
SUMMER 2012			
PHDIS SEM2	SEMINAR ON DISSERTATION RESEARCH RESULTS 2	1.1	1.5
FIRST SEMESTER 2012-2013			
DISS RES	DISSERTATION COUNSELLING	IP	
SECOND SEMESTER 2012-2013			
DISS RES	DISSERTATION COUNSELLING	IP	
SUMMER 2013			
DISS RES	DISSERTATION COUNSELLING	IP	
FIRST SEMESTER 2013-2014			
DISS RES	DISSERTATION COUNSELLING	IP	
SECOND SEMESTER 2013-2014			
DISS RES	DISSERTATION COUNSELLING	IP	
FIRST SEMESTER 2014-2015			
DISS RES	DISSERTATION COUNSELLING	P	

Graduated : DOCTOR OF PHILOSOPHY IN BIOLOGY TRACK B: MARINE BIOLOGY

Date Graduated : October 18, 2014

Research/Thesis : "STOCK ASSESSMENT, GONAD DEVELOPMENT, SIZE AT SEXUAL MATURITY, GROWTH  
/Dissertation : AND SURVIVAL OF PHILIPPINE SPIDER CONCH, LAMBIS LAMBIS (LINNE, 1758)  
(GASTROPODA: STROMBIDAE)" (12 UNITS)

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### OFFICIAL TRANSCRIPT OF RECORDS

Page 6

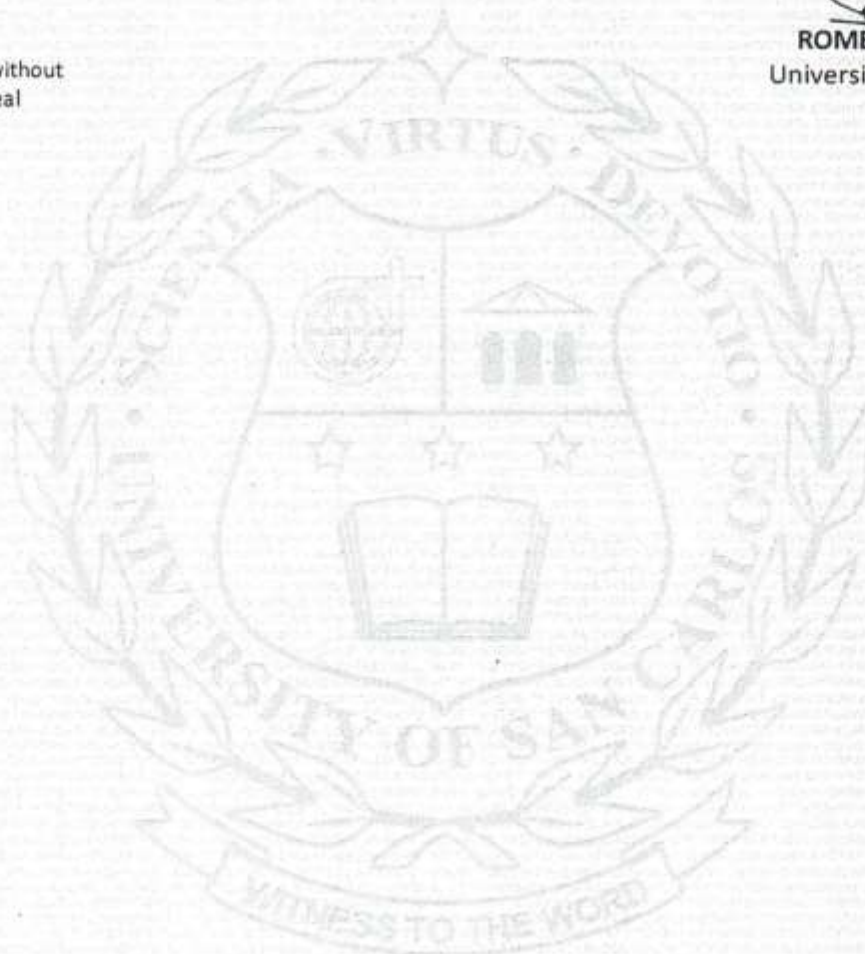
Student Name : MAZO, ANALYN MENDOZA

Date Issued : February 11, 2015

Purpose : FOR EVALUATION

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ROMEO E. YAP  
University Registrar



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