



# VISAYAS

STATE UNIVERSITY

**Main Campus**

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

## OFFICE OF THE UNIVERSITY REGISTRAR

Visca, Baybay City, Leyte 6521-A, Philippines

Phone/Fax: +63 53 563 7067;

+63 53 563 7428

Email: registrar@vsu.edu.ph

Website: www.vsu.edu.ph

### OFFICIAL TRANSCRIPT OF RECORDS

#### PERSONAL DATA

**Student Name** : Rosal, Ma. Sherlita Servidor  
**Student Number** : 14-1-00513  
**Date of Birth** : November 02, 1997  
**Place of Birth** : Ormoc City, Leyte  
**Sex** : Female  
**Religion** : Roman Catholic  
**Citizenship** : Filipino  
**Parent/Spouse** : Ruben A. Rosal  
**Address** : 41-E Mabini St. Ormoc City, Leyte  
**Tel. No./Cell. No.** : 09106639888  
**Guardian** :  
**Address/Cell. No.** :



#### PRELIMINARY EDUCATION

**Elementary** : Ormoc City Central School **Year** : 2010  
Ormoc City, Leyte  
**High School** : New Ormoc City National High School **Year** : 2014  
Ormoc City, Leyte  
**Entrance Credential** : Form 137-A  
New Ormoc City National High School  
Ormoc City, Leyte

#### GRADING SYSTEM:

##### NUMERICAL RATING

1.00  
1.25  
1.50  
1.75  
2.00  
2.25  
2.50  
2.75  
3.00  
5.00

S - Satisfactory  
U - Unsatisfactory  
Au - Audit (No credit)

##### ALPHABETICAL RATING

A  
A+  
A-  
B  
B+  
B-  
C  
C+  
C-  
F

Inc - Incomplete  
Drp - Dropped

##### ADJECTIVAL RATING

Excellent  
Highly Outstanding  
Outstanding  
Very Good  
Good  
Very Satisfactory  
Satisfactory  
Fair  
Passing  
Failure

*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 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.*

**ELEZER L. VELASCO**  
University Registrar

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

14-1-00513 : Rosal, Ma. Sherlita Servidor

Bachelor of Science in Biology (BSBio)

| Course No.                    | Descriptive Title                               | Grade | Credit |
|-------------------------------|---|-------|--------|
| First Semester, SY 2014-2015  |   |       |        |
| Biol 11                       | GENERAL BIOLOGY                                 | 1.25  | 4.0    |
| Chem 15                       | GENERAL INORGANIC CHEMISTRY                     | 1.75  | 5.0    |
| Econ 11                       | GENERAL ECONOMICS WITH LAND REFORM & TAXATION   | 1.50  | 3.0    |
| Engl 11                       | STUDY and THINKING SKILLS                       | 1.75  | 3.0    |
| Math 11                       | COLLEGE ALGEBRA                                 | 2.00  | 3.0    |
| Psyc 11                       | GENERAL PSYCHOLOGY                              | 1.75  | 3.0    |
| PhyEd 11                      | PHYSICAL FITNESS AND GYMNASISTICS               | 1.25  | 2.0    |
| NSTP 11c                      | CIVIC WELFARE TRAINING SERVICE (CWTS)           | 1.50  | 3.0    |
| Second Semester, SY 2014-2015 |   |       |        |
| Botn 11                       | GENERAL BOTANY                                  | 1.50  | 3.0    |
| CSci 21                       | INFORMATION&COMM TECH. CONCEPTS&SKILLS          | 1.50  | 3.0    |
| Engl 12                       | WRITING IN THE DISCIPLINE                       | 1.25  | 3.0    |
| Math 12                       | PLANE TRIGONOMETRY                              | 1.50  | 3.0    |
| Phil 11                       | INTRODUCTION TO PHILOSOPHY AND ETHICS           | 1.50  | 3.0    |
| Soci 11                       | SOCIETY AND CULTURE (with Family Planning)      | 1.25  | 3.0    |
| Zool 11                       | GENERAL ZOOLOGY                                 | 1.25  | 3.0    |
| PhyEd 12                      | RECREATIONAL GAMES, RHYTHMIC ACTIVITIES & DANCE | 1.50  | 2.0    |
| NSTP 12c                      | CIVIC WELFARE TRAINING SERVICE (CWTS)           | 2.00  | 3.0    |
| SN: C-08-014022-15            |   |       |        |
| First Semester, SY 2015-2016  |   |       |        |
| Biol 22                       | PRINCIPLES OF GENETICS                          | 1.25  | 3.0    |
| Chem 125                      | ORGANIC CHEMISTRY I                             | 2.50  | 5.0    |
| Fili 11                       | KOMUNIKASYON SA AKADEMIKONG FILIPINO            | 1.25  | 3.0    |
| Math 101                      | ELEMENTARY CALCULUS                             | 1.75  | 3.0    |
| Phys 11                       | GENERAL PHYSICS                                 | 1.25  | 4.0    |
| Spch 11                       | SPEECH COMMUNICATION                            | 1.25  | 3.0    |
| PhEd 13                       | TEAM SPORTS                                     | 1.75  | 2.0    |
| Second Semester, SY 2015-2016 |   |       |        |
| Chem 31                       | BIOCHEMISTRY                                    | 1.50  | 3.0    |
| Chem 31a                      | BIOCHEMISTRY LABORATORY                         | 1.75  | 2.0    |
| Ecol 11                       | GENERAL ECOLOGY                                 | 1.25  | 3.0    |
| Fili 12                       | PAGBASA AT PAGSULAT TUNGO SA PANANALIKSIK       | 1.25  | 3.0    |
| Micr 22                       | GENERAL MICROBIOLOGY                            | 1.75  | 3.0    |
| Phys 21                       | COLLEGE PHYSICS                                 | 2.00  | 3.0    |
| Stat 21                       | ELEMENTARY STATISTICS                           | 2.00  | 3.0    |
| PhEd 14                       | INDIVIDUAL-DUAL SPORTS                          | 1.75  | 2.0    |
| First Semester, SY 2016-2017  |   |       |        |
| Biol 111                      | FUND. OF MARINE BIOLOGY                         | 1.75  | 4.0    |
| Biol 117                      | INVERTEBRATE BIOLOGY                            | 1.50  | 3.0    |
| Biol 122                      | PLANT MORPHOLOGY AND ANATOMY                    | 1.75  | 3.0    |
| Biol 123                      | GENERAL ANIMAL PHYSIOLOGY                       | 1.50  | 3.0    |
| Huma 11                       | INTRODUCTION TO HUMANITIES                      | 1.50  | 3.0    |
| Stat 130                      | STATISTICAL METHODS                             | 2.00  | 3.0    |

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**14-1-00513 : Rosal, Ma. Sherlita Servidor**  
Bachelor of Science in Biology (BSBio)

| Course No.                    | Descriptive Title                            | Grade | Credit      |
|-------------------------------|--|-------|-------------|
| Second Semester, SY 2016-2017 |  |       |             |
| Biol 113                      | PRINCIPLES OF PLANT PHYSIOLOGY               | 1.50  | 3.0         |
| Biol 138                      | INTRO. TO CELL MOLECULAR BIOLOGY             | 1.25  | 3.0         |
| Biol 141                      | VASCULAR PLANT SYSTEMATICS                   | 1.50  | 4.0         |
| Biol 158                      | PHYSICAL&CHEMICAL OCEANOGRAPHY               | 1.50  | 4.0         |
| Biol 183                      | CONSERVATION BIOLOGY AND RESOURCE MANAGEMENT | 1.25  | 3.0         |
| Biol 198                      | RESEARCH PLANNING & MANUSCRIPT PREP.         | 1.50  | 3.0         |
| First Semester, SY 2017-2018  |  |       |             |
| Biol 114                      | MARINE BOTANY                                | 1.25  | 3.0         |
| Biol 125                      | COMPARATIVE VERTEBRATE ANATOMY               | 1.25  | 3.0         |
| Biol 127                      | DEVELOPMENT ANIMAL BIOLOGY                   | 1.25  | 3.0         |
| Biol 152                      | MARINE ECOLOGY                               | 2.00  | 4.0         |
| Biol 200                      | UNDERGRADUATE THESIS                         | VS    | In Progress |
| Engl 21                       | INTRODUCTION TO LITERATURE                   | 1.00  | 3.0         |
| ScSc 15                       | PHILIPPINE HISTORY                           | 1.25  | 3.0         |
| Second Semester, SY 2017-2018 |  |       |             |
| Biol 192                      | BIOLOGICAL THECHNIQUES                       | 1.25  | 4.0         |
| Biol 199                      | UNDERGRADUATE SEMINAR                        | 1.00  | 1.0         |
| Biol 200                      | UNDERGRADUATE THESIS                         | 1.00  | 6.0         |
| ScSc 16                       | LIFE AND WORKS OF RIZAL                      | 1.25  | 3.0         |
| Zool 143                      | ICHTHYOLOGY                                  | 1.25  | 4.0         |

**THESIS :**

GAMETE VIABILITY, FERTILIZATION AND EMBRYONIC DEVELOPMENT OF GRACIOUS  
SEA URCHIN *Tripneustes gratilla* (Linnaeus) UNDER VARYING pH, SALINITY  
AND TEMPERATURE CONDITIONS

Graduated **Cum Laude** on June 15, 2018 with the degree of Bachelor of Science in Biology  
(BSBio) major in Marine Biology as per VSU Board of Regents Resolution No. 40,  
s. 2018 dated May 15, 2018

< any entry below this line is null and void >

Doc. Stamp Paid P15.00

REMARKS : **FOR EMPLOYMENT**

DATE ISSUED : **June 15, 2018**

**ELEAZER L. VELASCO**  
University Registrar

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