

Visayas State University

Maluhay!

Greetings!

Ipinabatid sa lahat na ang Lupon ng mga Rehente at sa rekomendasyon ng

Be it known to all that the Board of Regents and upon the recommendation of
Akademikong Konseho ng Unibersidad ay naggaawad kay
the University Academic Council has conferred upon

VISAYAS STATE UNIVERSITY
Visca, Baybay City, Leyte
OFFICE OF THE UNIVERSITY REGISTRAR
CERTIFIED TRUE COPY OF THE ORIGINAL


MIRIAM M. DELA TORRE
Registrar III

Shaira B. Manapsal

ng titulong
the degree of

Bachelor of Science in Biotechnology

kalakip ang mga karapatan at pribilehiyong kaugnay nito.
with all the rights and privileges appertaining thereto.

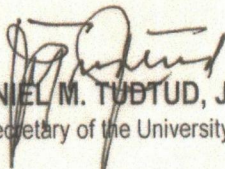
Bilang pagpapatunay, nakatatat dito ang sagisag ng Unibersidad

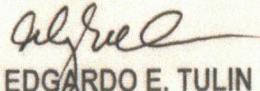
In testimony whereof, the seal of the University
at ang mga lagda ng Pangulo at ng Kalihim ng Unibersidad.
and the signatures of the President and the Secretary of the University are affixed hereunto

Ipinagkaloob sa VSU, Visca, Pungsod ng Baybay, Leyte, Pilipinas ngayong ikalabing-apat

Given at VSU, Visca, City of Baybay, Leyte, Philippines this 14th day
ng Hunyo sa taon ng ating Panginoon, Dalawang Pito at Labing-siyam.
of June in the year of our Lord, Two Thousand and Nineteen.




DANIEL M. TUBTUD, JR.
Secretary of the University

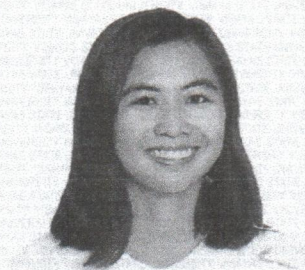

EDGARDO E. TULIN
President of the VSU System



OFFICIAL TRANSCRIPT OF RECORDS

PERSONAL DATA

Student Name : MANAPSAL, SHAIRA BALLICUD
Student Number : 14-1-00385
Date of Birth : March 03, 1998
Place of Birth : Northern Samar
Sex : Female
Religion : Roman Catholic
Citizenship : Filipino
Parent/Spouse : Cielito Manapsal
Address : Brgy. Linao, Inopacan, Leyte
Guardian :
Address :



PRELIMINARY EDUCATION

Elementary : Inopacan Central School
Inopacan, Leyte Year : 2010
High School : Tinago National High School
Brgy. Tinago Inopacan, Leyte Year : 2014
Entrance Credential : F138
Tinago National High School
Brgy. Tinago Inopacan, Leyte

GRADING SYSTEM:

NUMERICAL RATING	ADJECTIVAL RATING	EQUIVALENT ALPHABETIC RATING
1.00	Excellent	A
1.25	Highly Outstanding	A+
1.50	Outstanding	A-
1.75	Very Good	B
2.00	Good	B+
2.25	Very Satisfactory	B-
2.50	Satisfactory	C
2.75	Fair	C+
3.00	Passing	C-
5.00	Failure	F
S - Satisfactory	Inc - Incomplete	
U - Unsatisfactory	DR - Dropped	
Au - Audit (No credit)		

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One unit of credit is one hour lecture or recitation or three hours of laboratory work, drafting or shop work each week for the period of a complete semester.

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.

Note: This transcript is considered original when it bears the seal of the University and the original signature of the University Registrar. Any erasure or alteration made on this copy renders the whole transcript invalid.

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MA. EPIFANIA G. TUdTUD
University Registrar

Vision: A globally competitive university for science, technology and environmental conservation.
Mission: Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment.



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

14-1-00385: MANAPSAL, SHAIRA BALLICUD

: Bachelor of Science in Biotechnology (BSBiotech)

Course No.	Descriptive Title	Grade	Credit
First Semester, SY 2014 - 2015			
Chem 11	GENERAL CHEMISTRY I	2.00	4.0
CSci 21	INFORMATION and COMMUNICATION TECHNOLOGY: CONCEPTS & SKILLS	1.25	3.0
Econ 11	GENERAL ECONOMICS WITH LAND REFORM & TAXATION	2.50	3.0
Engl 11	STUDY and THINKING SKILLS	1.25	3.0
Math 11	COLLEGE ALGEBRA	2.25	3.0
Psyc 11	GENERAL PSYCHOLOGY	1.75	3.0
NSTP 11c	CIVIC WELFARE TRAINING SERVICE (CWTS) Serial No. : Not yet available	1.25	3.0
PhyEd 11	PHYSICAL FITNESS AND GYMNASTICS	1.25	2.0
Second Semester, SY 2014 - 2015			
Biol 11	GENERAL BIOLOGY	2.00	4.0
CSci 22	FOUNDATION OF COMPUTER SCIENCE	2.25	3.0
Engl 12	WRITING IN THE DISCIPLINE	1.75	3.0
Math 12	PLANE TRIGONOMETRY	INC 3.00	3.0
Phil 11	INTRODUCTION TO PHILOSOPHY AND ETHICS	2.00	3.0
Soci 11	SOCIETY AND CULTURE (with Family Planning)	1.25	3.0
NSTP 12c	CIVIC WELFARE TRAINING SERVICE (CWTS) Serial No. : Not yet available	1.75	3.0
PhyEd 12	RECREATIONAL GAMES, RHYTHMIC ACTIVITIES & DANCE	1.25	2.0
First Semester, SY 2015 - 2016			
CS 101	DISCRETE MATH. FOR COMPUTER SCIENCE	INC	-
CS 103	COMPUTER PROGRAMMING	5.00	NONE
Huma 11	INTRODUCTION TO HUMANITIES	1.25	3.0
Math 125	MATHEMATICAL ANALYSIS I	5.00	NONE
Phys 11	GENERAL PHYSICS	2.00	4.0
Spch 11	SPEECH COMMUNICATION	1.75	3.0
PhEd 13	TEAM SPORTS	1.75	2.0
Second Semester, SY 2015 - 2016			
Botn 11	GENERAL BOTANY	2.50	3.0
Chem 16	GENERAL INORGANIC CHEMISTRY II	2.50	5.0
Chem 190	SPECIAL TOPICS	2.00	1.0
Micr 22	GENERAL MICROBIOLOGY	2.75	3.0
Phys 21	COLLEGE PHYSICS	2.50	3.0
ScSc 15	PHILIPPINE HISTORY	2.50	3.0
ScSc 24	POLITICS AND GOVERNANCE (with Philippine Constitution)	2.50	3.0
PhEd 14	INDIVIDUAL-DUAL SPORTS	2.00	2.0

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: Bachelor of Science in Biotechnology (BSBiotech)

Course No.	Descriptive Title	Grade	Credit
Summer, SY 2015 - 2016			
Chem 31	BIOCHEMISTRY	2.25	3.0
Chem 31a	BIOCHEMISTRY LABORATORY	2.50	2.0
First Semester, SY 2016 - 2017			
Biol 22	PRINCIPLES OF GENETICS	1.75	3.0
Btec 21	INTRODUCTION TO BIOTECHNOLOGY	1.50	3.0
Chem 125	ORGANIC CHEMISTRY I	3.00	5.0
Ecol 11	GENERAL ECOLOGY	2.00	3.0
Engl 21	INTRODUCTION TO LITERATURE	1.75	3.0
Fili 11	KOMUNIKASYON SA AKADEMIKONG FILIPINO	1.50	3.0
Math 112	ANALYTIC GEOMETRY & CALCULUS I	5.00	NONE
Second Semester, SY 2016 - 2017			
Biol 131	INTRO. TO MOLECULAR BIOLOGY	2.75	3.0
Btec 198	RESEARCH PLANNING AND MANUSCRIPT PREP.	2.50	3.0
Btec 22	FUNDAMENTALS OF BIOPROCESSING	2.00	3.0
Fili 12	PAGBASA AT PAGSULAT TUNGO SA PANANALIKSIK	2.00	3.0
ScSc 16	LIFE AND WORKS OF RIZAL	1.75	3.0
Stat 21	ELEMENTARY STATISTICS	3.00	3.0
Zool 11	GENERAL ZOOLOGY	2.25	3.0
Summer, SY 2016 - 2017			
Math 112	ANALYTIC GEOMETRY & CALCULUS I	2.25	5.0
First Semester, SY 2017 - 2018			
Botn 113	PRINCIPLES OF PLANT PHYSIOLOGY	2.00	3.0
Btec 111	PROTEIN AND NUCLEIC ACIDS	5.00	NONE
Btec 141	COMPUTATIONAL BIOTECHNOLOGY	2.25	3.0
Btec 149	TRENDS IN BIOTECHNOLOGY	3.00	3.0
Btec 151	RISK ASSESSMENT AND MANAGEMENT	2.00	3.0
Btec 200.1	UNDERGRADUATE THESIS	S	IN PROGRESS
PBre 111	PRINCIPLES OF PLANT BREEDING	1.50	3.0
PPat 111	GENERAL PLANT PATHOLOGY	2.75	3.0
Second Semester, SY 2017 - 2018			
Btec 134	METHODS IN RECOMBINANT DNA TECHNOLOGY	2.50	3.0
Btec 143	INTRO. TO BUSINESS MGT. FOR BIOTECHNOLOGY	1.50	3.0
Btec 154	BIOETHICS	1.75	3.0
Btec 199	UNDERGRADUATE SEMINAR	1.25	1.0
Btec 200.5	UNDERGRADUATE THESIS	S	IN PROGRESS
PlBt 111	BIOTECHNOLOGY IN PLANT IMPROVEMENT	1.50	5.0
PlBt 121	PLANT DEVELOPMENT AND MOLECULAR GENETICS	2.25	3.0

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14-1-00385: MANAPSAL, SHAIRA BALLICUD

: Bachelor of Science in Biotechnology (BSBiotech)

Course No.	Descriptive Title	Grade	Credit
First Semester, SY 2018 - 2019			
Btec 111	PROTEIN AND NUCLEIC ACIDS	3.00	3.0
Btec 200.1	UNDERGRADUATE THESIS	S	IN PROGRESS
Second Semester, SY 2018 - 2019			
Biol 132	CELL BIOLOGY	1.75	3.0
Btec 200.5	UNDERGRADUATE THESIS	2.00	6.0

Thesis :

ANTI-INFLAMMATORY PROPERTIES OF THE METHANOLIC EXTRACT OF *Justicia gendarussa* Burm.
F

Graduated on June 14, 2019 with the degree of Bachelor of Science in Biotechnology
(BSBiotech) major in PLant Biotechnology as per VSU Board of Regents Resolution No.
63 s, 2019 dated May 22, 2019

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Doc.Stamp Paid P30.00

REMARKS : For employment

DATE ISSUED : June 27, 2019

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