



Republic of the Philippines
BATANGAS STATE UNIVERSITY

The National Engineering University

ARASOF-Nasugbu Campus

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COLLEGE OF INFORMATICS AND COMPUTING SCIENCES

Bachelor of Science in Information Technology

Academic Year 2022-2023

Reference: **CMO No. 25 series of 2015,**

Name: Cloud W. Sebastian

Sex: Male

Student Number: 19-00025

Final Grade	Course Code	Course Title	Units	Hours		Pre-Requisite/s	Co-Requisite/s
				Lec	Lab		

FIRST YEAR

First Semester

<u>1.75</u>	Fili 101	Kontekstwalisadong Komunikasyon sa Filipino	3	3	-	-
<u>2.25</u>	GEd 102	Mathematics in the Modern World	3	3	-	-
<u>1.75</u>	GEd 103	The Life and Works of Rizal	3	3	-	-
<u>2.25</u>	GEd 104	The Contemporary World	3	3	-	-
<u>1.75</u>	GEd 108	Art Appreciation	3	3	-	-
<u>2.00</u>	IT 111	Introduction to Computing	3	2	3	-
<u>1.75</u>	NSTP 111	National Service Training Program 1	3	3	-	-
<u>2.50</u>	PE 101	Physical Fitness, Gymnastics and Aerobics	2	2	-	-
1.98		Total	23	22	3	

FIRST YEAR

Second Semester

<u>2.25</u>	CS 111	Computer Programming	3	2	3	IT 111
<u>3.00</u>	CS 131	Data Structures and Algorithms	3	2	3	IT 111
<u>1.75</u>	Fili 102	Filipino sa Ibat Ibang Disiplina	3	3	-	-
<u>1.75</u>	GEd 105	Readings in Philippine History	3	3	-	-
<u>2.50</u>	GEd 109	Science, Technology and Society	3	3	-	-
<u>3.00</u>	MATH 111	Linear Algebra	3	3	-	GEd 102
<u>3.00</u>	PE 102	Rhythmic Activities	2	2	-	PE 101
2.44		Total	20	18	6	

SECOND YEAR

First Semester

<u>2.75</u>	CpE 405	Discrete Mathematics	3	3	-	MATH 111
<u>1.00</u>	CS 121	Advanced Computer Programming	3	2	3	CS 111

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<u>1.75</u>	CS 211	Object-Oriented Programming	3	2	3	CS 111, CS 131	
<u>2.50</u>	IT 211	Database Management System	3	2	3	CS 111	
<u>2.75</u>	IT 212	Computer Networking 1	3	2	3	IT 111	
<u>1.50</u>	Litr 102	ASEAN Literature	3	3	-	-	
<u>1.75</u>	PE 103	Individual and Dual Sports	2	2	-	PE 101	
<u>2.75</u>	Phy 101	Calculus-Based Physics	3	2	3	MATH 111	
2.11		Total	23	18	15		

SECOND YEAR**Second Semester**

<u>3.00</u>	ES 101	Environmental Sciences	3	2	3	Phy 101	
<u>1.00</u>	GEd 101	Understanding the Self	3	3	-	-	
<u>2.75</u>	GEd 106	Purposive Communication	3	0	-	-	
<u>1.00</u>	IT 221	Information Management	3	2	3	IT 111	
<u>1.75</u>	IT 222	Advanced Database Management System	3	2	3	IT 211	
<u>2.75</u>	IT 223	Computer Networking 2	3	2	3	IT 212	
<u>2.75</u>	MATH 408	Data Analysis	3	3	-	MATH 111	
<u>1.00</u>	PE 104	Team Sports	2	2	-	PE 101	
2.04		Total	23	16	12		

THIRD YEAR**First Semester**

<u>1.50</u>	BAT 401	Fundamentals of Business Analytics 3	3	2	3	IT 221, IT 222	
<u>2.75</u>	BAT 402	Fundamentals of Analytics Modeling	3	2	2	IT 221, IT 222	
<u>2.00</u>	GEd 107	Ethics	3	3	-	-	
<u>1.00</u>	IT 311	Systems Administration and Maintenance	3	2	3	IT 221, IT 222	
<u>2.50</u>	IT 312	System Integration and Architecture	3	2	3	CS 131	
<u>2.50</u>	IT 313	System Analysis and Design	3	2	3	IT 222	
<u>1.00</u>	IT 314	Web Systems and Technologies	3	2	3	CS 211	
1.89		Total	21	15	17		

THIRD YEAR**Second Semester**

<u>2.50</u>	BAT 403	Fundamental of Enterprise Data Management 4	3	2	3	BAT 401	
<u>1.00</u>	BAT 404	Analytics Technique and Tools	3	2	3	BAT 402	
<u>1.25</u>	IT 321	Human-Computer Interaction	3	3	-	IT 314	
<u>1.75</u>	IT 322	Advanced Systems Integration and Architecture	3	2	2	IT 312	
<u>2.75</u>	IT 323	Information Assurance and Security	3	2	3	IT 223	

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<u>1.75</u>	IT 324	Capstone Project 1	3	3	-	3rd Year Standing	
<u>2.00</u>	IT 325	IT Project Management	3	3	-	IT 313	
1.86		Total	21	17	11		

Mid Term

<u>1.25</u>	IT 331	Application Development and Emerging Technologies	3	2	3	IT 321	
<u>5.00</u>	IT 332	Integrative Programming and Technologies	3	2	3	IT 314	
3.13		Total	6	4	6		

FOURTH YEAR**First Semester**

<u>1.00</u>	BAT 405	Analytics Application	3	2	3	NTT 403	
<u>1.50</u>	CS 423	Social Issues and Professional Practice	3	3	-	-	
<u>2.75</u>	ENGG 405	Technopreneuership	3	3	-	-	
<u>1.00</u>	IT 411	Capstone Project 2	3	3	-	IT 324	
<u>2.25</u>	IT 412	Platform Technologies	3	3	-	IT 332	
<u>2.75</u>	IT 413	Advanced Information Assurance and Security	3	2	3	IT 323	
<u>1.25</u>	IT 414	Systems Quality Assurance	3	2	3	IT 325	
1.79		Total	21	18	9		

FOURTH YEAR**Second Semester**

<u>2.25</u>	IT 421	IT Internship Training	6	0	500	4th Year Standing	
2.25		Total	6	0	500		

Total GWA: 2.08