Republic of the Philippines
JOSE RIZAL MEMORIAL STATE UNIVERSITY
The Premier University in the Province of Zamboanga del Norte
Gov. Guading Adaza St., Sta. Cruz, Dapitan City
Province of Zamboanga del Norte

Level III

Registration No. 62Q17082
INSTITUTIONAL LEVEL

BACHELOR OF SCIENCE IN COMPUTER SCIENCE
(based on CMO No. 25 s. 2015)

FIRST YEAR

First Semester

Course No.	Descriptive Title	LEC	LAB	Pre-requisite/ Co-requisite
GE – MM	Mathematics in the Modern World	3		
FIL1	Kontekstwalisadong Komunikasyon sa Filipino	3		
CC 101	Introduction to Computing	2	1	
CC 102	Fundamentals of Programming	2	1	
GE – US	Understanding the Self	3		
PE 11	Movement Enhancement (ME)	2		
NSTP 1	National Service Training Program 1	3		
TOTAL		**20**		

Second Semester

Course No.	Descriptive Title	LEC	LAB	Prerequisite/ Co-requisite
GE – PH	Readings in Philippine History	3		
FIL2	Filipino sa Iba't Ibang Disiplina	3		
GE – CW	The Contemporary World	3		
CC 103	Intermediate Programming	2	1	CC 102
GE – PC	Purposive Communication	3		
DS 101	Discrete Structure 1	3		
PE 12	Fitness Exercise (FE)	2		PE 11
NSTP 2	National Service Training Program 2	3		NSTP 1
TOTAL		**23**		

SECOND YEAR

First Semester

Course No.	Descriptive Title	LEC	LAB	Pre-requisite/ Co-requisite
GE – AA	Art Appreciation	3		
CC 104	Data Structures & Algorithms	3		CC 103
DS 102	Discrete Structure 2	3		DS 101
GE – ST	Science, Technology & Society	3		
SDF 104	Object-Oriented Programming	2	1	CC 102
PAN 1	Sinesosyedad/Pelikulang Panlipunan	3		
CS Prof Elect 1	Digital Design	2	1	DS 101
PE 21	Physical Activities Towards Health & Fitness (PATH-Fit) 1 (Dance, Sports, Outdoor & Adventure Activities)	2		PE 12
TOTAL		**23**		

Second Semester

Course No.	Descriptive Title	LEC	LAB	Prerequisite/ Co-requisite
CC 105	Information Management	2	1	CC 103
GE – E	Ethics	3		
RIZAL	Rizal's Life & Works	3		
CS Prof Elect 2	Introduction to Data Science	3		SDF 104
Acct 1	Fundamentals of Accounting	3		
CS Prof Elect 3	Web Systems & Technologies	2	1	CC 102
AL 101	Algorithms & Complexity	3		SDF 104, CC 104
PE 22	Physical Activities Towards Health & Fitness (PATH-Fit) 2 (Dance, Sports, Outdoor & Adventure Activities)	2		PE 21
TOTAL		**23**		

Exit Point: Programming (Java) NC III

THIRD YEAR

First Semester

Course No.	Descriptive Title	LEC	LAB	Pre-requisite/ Co-requisite
CS Elect 1 – GV 101	Graphics & Visual Computing	2	1	CC 101
AR 101	Computer Architecture & Organization	2	1	CC 102, CC 104
CS Prof Elect 4	Digital Image Processing	2	1	CC 104
Stat 1	Statistics in Computing	3		
AL 2	Automata Theory & Formal Language	3		SDF104
IAS 1	Information Assurance & Security	2		
CC 106	Application Development & Emerging Technology	2	1	CC 104, CC 105
CS Prof Elect 5	Data Mining	3		CS Prof Elect 2
TOTAL		**23**		

Exit Point: Visual Graphics NCIII

Second Semester

Course No.	Descriptive Title	LEC	LAB	Prerequisite/ Co-requisite
SE 1	Software Engineering 1	2	1	CC 105
Res 1	Method of Research in Computing	3		
CS Elect 2 – IS 101	Intelligent System (Machine Learning)	2	1	SDF 104, AL 101
CS Prof Elect 6	Natural Language Processing	3		IS 101
PL 1	Programming Languages	2	1	CC 104, AL 101
CS Prof Elect 7	Platform-Based Development	2	1	CC 103
CS Prof Elect 8	PC Troubleshooting & Networking	2	1	CC 101
SP 1	Social Issues & Professional Practice	3		
TOTAL		**24**		

Exit Point: Computer Systems Servicing NC II

SUMMER

Course No.	Descriptive Title	LEC	LAB	
PRC 101	Practicum (200 hours)	3		70% of the total units
TOTAL		**3**		

FOURTH YEAR

First Semester

Course No.	Descriptive Title	LEC	LAB	Pre-requisite/ Co-requisite
CS Elect 3-PD 101	Parallel and Distributed Computing	2	1	
OS 101	Operating Systems	3		CC 101
HCI 101	Human Computer Interaction	1		CC 103, AR 101
SE 2	Software Engineering 2	2	1	SE 1
THS 101	Thesis 1	2	1	Res 1
CS Prof Elect 9	Certification, Review, Training & Seminar	3		4th Yr. Standing
CS Prof Elect 10	Android Application Development	2	1	CC 104
TOTAL		**19**		

Second Semester

Course No.	Descriptive Title	LEC	LAB	Prerequisite/ Co-requisite
NC 101	Network and Communication	2	1	CC 101
TH 102	Thesis 2	3		THS 101
TOTAL		**6**		