



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



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

FIRST YEAR									
First Semester					Second Semester				
Course No.	Descriptive Title	Units		Hours		Course No.	Descriptive Title	Units	
		Lec	Lab	Lec	Lab			Lec	Lab
GE -MM	Mathematics in the Modern World	3		3		GEE -RVA	Reading Visual Art	3	
GE -PC	Purposive Communication	3		3		GE -PH	Readings in Philippine History & Studies of Indigenous People	3	
GE-GCP	Gender, Conflict and Peace	3		3		GE -US	Understanding the Self	3	
GE -AA	Art Appreciation	3		3		GE -RIZAL	Rizal's Life & Works	3	
CC 101	Introduction to Computing	2	1	2	3	IT 101	Introduction to Human Computer Interaction	2	1
CC 102	Computer Programming 1	2	1	2	3	CC 103	Computer Programming 2	2	1
PATHFIT 1	Physical Activities Towards Health 1	2		2		PATHFIT 2	Physical Activities Towards Health 2	2	
NSTP 11	National Service Training Program 1	3		3		NSTP 12	National Service Training Program 2	3	
TOTAL		21	2	21	6	TOTAL		21	2
		23		27				23	

SECOND YEAR									
First Semester					Second Semester				
Course No.	Descriptive Title	Units		Hours		Course No.	Descriptive Title	Units	
		Lec	Lab	Lec	Lab			Lec	Lab
GE -ST	Science, Technology and Society	3		3		GE -E	Ethics	3	
CC 104	Data Structures and Algorithms	2	1	2	3	GE -CW	The Contemporary World	3	
IT 102	Information Assurance and Security 1	2	1	2	3	CC 105	Information Management	2	1
IT 103	Fundamentals of Database Systems	2	1	2	3	Prof.E 1	Object-Oriented Programming	2	1
IT 104	Networking 1	2	1	2	3	Prof.E 2	Web Systems and Technologies	2	1
IT 105	Social and Professional Issues	3		3		IC 2	Virtualization and Cloud Platforms	2	1
IT 106	Discrete Mathematics	3		3		IT 107	Information Assurance & Security 2	3	
IC 1	Strategic Project Management in IT	3		3		IT 108	Integrative Programming and Technologies 1	3	
PATHFIT 3	Physical Activities Towards Health 3	2		2		PATHFIT 4	Physical Activities Towards Health 4	2	
TOTAL		22	4	22	12	TOTAL		22	4
		26		34				26	

THIRD YEAR									
First Semester					Second Semester				
Course No.	Descriptive Title	Units		Hours		Course No.	Descriptive Title	Units	
		Lec	Lab	Lec	Lab			Lec	Lab
CC 106	Application Development and Emerging Technologies	2	1	2	3	IC 5	Mobile Application Development	2	1
IC 3	Research Methods in Computing	3		3		Prof.E 5	Systems Integration and Architecture 2	2	1
IT 109	Quantitative Methods (incl. Modeling & Simulation)	3		3		IC 6	Entrepreneurship	3	
Prof.E 3	Integrative Programming Technologies 2	2	1	2	3	IT 113	Systems Administration and Maintenance	3	
IC 4	Multimedia System	2	1	2	3	IT 114	Networking 2	2	1
IT 110	Systems integration and Architecture 1	3		3		Prof.E 7	Human Computer Interaction 2	2	1
IT 111	Advance Database System	2	1	2	3	IC 7	Introduction to Web API and Socket Development	2	1
Prof.E 4	Platform Technologies 1	3		3		CAP 1	Capstone Project 1	3	
TOTAL		20	4	20	12	TOTAL		19	5
		24		32				24	

FOURTH YEAR									
FIRST SEMESTER					SECOND SEMESTER				
Course No.	Descriptive Title	Units		Hours		Course No.	Descriptive Title	Units	
		Lec	Lab	Lec	Lab			Lec	Lab
CAP 2	Capstone Project 2	2	1	2	3	IT PRC	Practicum	6	
Prof.E 8	Cybersecurity	3		3		TOTAL		0	6
IC 9	Field Trips and Exposure	2	1					6	
IC 10	Certification, Review, Training & Seminar	2	1	2	3			0	486
TOTAL		9	3	7	6			6	486
		12		13					