



Republic of the Philippines
JOSE RIZAL MEMORIAL STATE UNIVERSITY

The Premier University in the Province of Zamboanga del Norte

Gov. Guanding Adaza St., Sta. Cruz, Dapitan City
 Province of Zamboanga del Norte



Level III



Registration No. 62Q17082
INSTITUTIONAL LEVEL

BACHELOR OF SECONDARY EDUCATION Major in Science
(based on CMO No. 75 s. 2017)

FIRST YEAR							
First Semester				Second Semester			
Course No.	Descriptive Title	Units	Pre-requisite/ Co-requisite	Course No.	Descriptive Title	Units	Pre-requisite/ Co-requisite
SPEC 101-S	Chemistry 1: Inorganic Chemistry	5 (3-lec ;2-lab)		SPEC 102-S	Chemistry 2: Organic Chemistry	5 (3-lec ;2-lab)	SPEC 101-S
SPEC Elec 1	Biology 1 : General Biology	4 ((3-lec ;1 lab)		SPEC 103-S	Physics 1: Fluid Mechanics	3	
PED 11	The Child and Adolescent Learner and Learning Principles	3		PED 12	Facilitating Learner-Centered Teaching	3	PED 11
GE-US	Understanding the Self	3		GE-CW	Contemporary World	3	
GE-PC	Purposive Communication	3		FIL 2	Filipino salba'tibang Disiplina	3	FIL 1
FIL 1	Kontekstwalisadong Komunikasyonsa Filipino	3		GE-MM	Mathematics in the Modern World	3	
GE-PH	Readings in Philippine History	3		GE-E	Ethics	3	
PE 11	Movement Enhancement (ME)	2		PE 12	Fitness Exercise (FE)	2	PE 11
NSTP 1	National Service Training Program 1	3		NSTP 2	National Service Training Program 2	3	NSTP 1
TOTAL		29		TOTAL		28	

SECOND YEAR							
First Semester				Second Semester			
Course No.	Descriptive Title	Units	Pre-requisite/ Co-requisite	Course No.	Descriptive Title	Units	Pre-requisite/ Co-requisite
SPEC 104-S	Chemistry 3: Analytical Chemistry	5 (3-lec ;2-lab)	SPEC 101-S	SPEC 108-S	Biology 2 : Genetics	4 (3-lec ;1 lab)	
SPEC 105-S	Physics 2: Thermodynamics	4 (3-lec ;1 lab)		SPEC 109-S	Physics 3: Electricity and Magnetism	4 (3-lec ;1 lab)	SPEC 103-S
SPEC 106-S	Chemistry 4: Biochemistry	3	SPEC 102-S	SPEC 110-S	Biology 3: Microbiology and Parasitology	4 (3-lec ;1 lab)	
SPEC 107-S	Earth Science	3		SPEC 111A-S	Research in Teaching Science 1	3	
PED 13	Building and Enhancing New Literacies Across the Curriculum	3		PED 14	Technology for Teaching and Learning 1	3	
FIL 3	Dalumatsa Filipino	3		PED 15	The Teacher and the Community, School Culture and Organizational Leadership	3	
GE-AA	Art Appreciation	3		RIZAL	Rizal's Life and Works	3	
PE 21	Physical Activities Towards Health & Fitness (PATH-Fit) 1 (Dance, Sports, Outdoor & Adventure Activities)	2	PE 12	PAN 1	Sinosyedad/Pelikulang Panlipunan	3	
TOTAL		26		TOTAL		29	

THIRD YEAR							
First Semester				Second Semester			
Course No.	Descriptive Title	Units	Pre-requisite/ Co-requisite	Course No.	Descriptive Title	Units	Pre-requisite/ Co-requisite
SPEC 111B-S	Research in Teaching Science 2	3	SPEC 111A-S	SPEC 116-S	Physics 5: Modern Physics	3	SPEC 112-S
SPEC 112-S	Physics 4: Waves and Optics	4 (3-lec ;1 lab)	SPEC 103-S/SPEC 109-S	SPEC 117-S	Biology 5 : Anatomy and Physiology	4 (3-lec ;1 lab)	
SPEC 113-S	Environmental Science	3		SPEC 118-S	Meteorology	3	
SPEC 114-S	Astronomy	3		SPEC 119-S	Technology for Teaching and Learning 2	3	PED 14/PED 17/PED 18
SPEC 115-S	Biology 4 :Cell and Molecular Biology	4 (3-lec ;1 lab)	SPEC 106-S/SPEC 108-S	SPEC 120-S	The Teaching of Science	3	
PED 16	Foundation of Special and Inclusive Education	3		PED 18	Assessment Learning 2	3	
PED 17	Assessment in Learning 1	3	PED 14	PED 19	The Teaching Profession	3	
GEE-PGC	Philippine Government & Constitution	3	PED 14	PED 20	The Teacher and the School Curriculum	3	
GE-ST	Science, Technology and Society	3		PAN 2	Sosyedad at Literatura/Panitikang Panlipunan	3	
TOTAL		29		TOTAL		28	

FOURTH YEAR							
First Semester				Second Semester			
Course No.	Descriptive Title	Units	Pre-requisite/ Co-requisite	Course No.	Descriptive Title	Units	Prerequisite/ Co-requisite
PED 21	Field Study 1	3		PED 23	Teaching Internship	6	PED 21/ PED 22
PED 22	Field Study 2	3		PED-Elec	PRE-BOARD	2	
TOTAL		6		TOTAL		8	

Note: All students will undergo the Job Enabling English Proficiency (JEEP) Program as requirement for graduation.