



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



BACHELOR OF SECONDARY EDUCATION major in Science Registration No. 62Q17082
(CMO No. 75, s. 2017)

FIRST YEAR							
First Semester				Second Semester			
Course Code	Descriptive Title	Units	Pre-requisites	Course Code	Descriptive Title	Units	Pre-requisites
SC 101	Chemistry 1: Inorganic Chemistry	5 (3 lec 2-lab)		SC 102	Chemistry 2: Organic Chemistry	5 (3 lec; 2 lab)	SC 101
SC IC 100	Biology 1 : Human Reproduction	3		SC 103	Physics 1: Fluid Mechanics	3	
PED 101	The Child and Adolescent Learner and Learning Principles	3		SC 104	Earth Science	3	
GE- US	Understanding the Self	3		PED 102	Facilitating Learner-Centered Teaching	3	
GE- PC	Purposive Communication	3		GE- CW	Contemporary World	3	
GE-PH	Readings in Philippine History	3		GE- MM	Mathematics in the Modern World	3	
IC 101	Edukasyong Pangkapatayapaan sa Sambayanang Pilipino	3		IC 102	Dalumat sa Etimolohiya ng Wikang Filipino sa Usaping Sekswalidad	3	
PE 11	Physical Activities Towards Health & Fitness (PATH-Fit) 1 - Movement Competency Training	2		PE 12	Physical Activities Towards Health & Fitness (PATH-Fit) 2 – Exercise-based Fitness Activities	2	PE 11
NSTP 1	National. Service Training Prog. 1	3		NSTP 2	National Service Training Prog. 2	3	NSTP 1
TOTAL		28		TOTAL		28	
SECOND YEAR							
First Semester				Second Semester			
Course Code	Descriptive Title	Units	Pre-requisites	Course Code	Descriptive Title	Units	Pre-requisites
SC 105	Chemistry 3: Analytical Chemistry	5 (3- lec ;2- lab)	SC 101	SC 109	Biology 2 : Genetics	4 (3- lec ;1 lab)	
SC 106	Physics 2: Thermodynamics	4 (3- lec ;1lab)		SC 110	Physics 3: Electricity and Magnetism	4 (3- lec ;1lab)	SC 103
MATH 106	Elementary Statistics and Probability	3		SC 111	Astronomy	3	
SC 107	Meteorology	3		SC 112	Environmental Science	3	
SC 108	Chemistry 4: Biochemistry	3	SC 102	SC 113 A	Research in Teaching Science 1	3	
PED 103	Building and Enhancing New Literacies Across the Curriculum	3		GE- E	Ethics	3	
PED 104	The Teaching Profession	3		PED 105	Technology for Teaching and Learning 1	3	
PE 21	Physical Activities Towards Health & Fitness (PATH-Fit) 3 - (Choice of Dance, Sports, Martial Arts, Group Exercise , Outdoor and Adventure Activities)	2	PE 12	PED 106	The Teacher and the Community, School Culture and Organizational Leadership	3	
				PE 22	Physical Activities Towards Health & Fitness (PATH-Fit) 4 - (Dance, Sports, Outdoor & Adventure Activities)	2	PE 21
TOTAL		26		TOTAL		28	
THIRD YEAR							
First Semester				Second Semester			
Course Code	Descriptive Title	Units	Pre-requisites	Course Code	Descriptive Title	Units	Pre-requisites
SC 113 B	Research in Teaching Science 2	3	SC 113 A	SC 116	Biology 4: Microbiology and Parasitology	4 (3- lec ;1 lab)	
SC 114	Physics 4: Waves and Optics	4 (3- lec ;1 lab)	SC 103; SC110	SC 117	Physics 5: Modern Physics	3	SC 103; SC 110
SC 115	Biology 3 :Cell and Molecular Biology	4 (3- lec ;1 lab)	SC 108; SC 109	SC 118	Biology 5 : Anatomy and Physiology	4 (3- lec ;1 lab)	
PED 107	Foundation of Special and Inclusive Education	3		SC 119	Technology for Teaching and Learning2	3	PED105; PED108 A
PED 108A	Assessment in Learning 1	3		SC 120	The Teaching of Science	3	
GE- AA	Art Appreciation	3		PED 108B	Assessment in Learning 2	3	
GE-EC 101	Philippine Government & Constitution	3		PED 109	The Teacher and the School Curriculum	3	
GE- ST	Science, Technology & Society	3		GE-EC 103	Sosyedad at Literatura/Panitikang Panlipunan	3	
GE- EC 102	Sinesosyedad/ Pelikulang Panlipunan	3		RIZAL	Rizal's Life and Works	3	
TOTAL		29		TOTAL		29	
FOURTH YEAR							
First Semester				Second Semester			
Course Code	Descriptive Title	Units	Pre-requisites	Course Code	Descriptive Title	Units	Pre-requisites
PED 110	Field Study 1 (<i>Observation of Teaching & Learning in Actual School Environment</i>)	3	<i>SPEC and PED Courses</i>	PED 112	Teaching Internship	6	<i>All Required Academic Courses</i>
PED 111	Field Study 2 (Participation & Teaching Assistantship)	3		IC 105	Competency-Based Assessment for Professional Education Courses	2	<i>All PED Courses</i>
IC 103	Competency-Based Assessment for General Education Courses	2	<i>All GE Courses</i>				
IC 104	Competency-Based Assessment for Specialization Courses	2	<i>All SPEC Courses</i>				
TOTAL		10		TOTAL		8	