



BACHELOR OF SCIENCE IN SCIENCE EDUCATION
EFFECTIVE S.Y. 2018-2019

LEVEL II Accredited Status
Validity: December 1, 2016 to November 30, 2020

FIRST YEAR

First Semester

Course Code	Description	No. of Hours			Units	Pre-requisites	Co-requisites
		Lec	Lab	Total			
ES 101	Science, Technology & Society	3	0	3	3	NONE	NONE
Educ 111	Building and Enhancing Literacy Skills Across the Curriculum	3	0	3	3	NONE	NONE
Educ 112	The Child & Adolescent Learners & Learning Principles	3	0	3	3	NONE	NONE
Math 101	Mathematics in the Modern World	3	0	3	3	NONE	NONE
PE 101	Physical Education 1	2	0	2	2	NONE	NONE
NSTP 101	ROTC/CWTS/LTS 1	3	0	3	3	NONE	NONE
BIO 111	Biology for Science Teachers 1	3	3	6	4	NONE	NONE
SciEd 111	Earth and Space Science 1	3	0	3	3	NONE	NONE
Total		23	3	26	24		

FIRST YEAR

Second Semester

Course Code	Description	No. of Hours			Units	Pre-requisites	Co-requisites
		Lec	Lab	Total			
SS 101	Understanding Self	3	0	3	3	NONE	NONE
SS 103	The Contemporary World	3	0	3	3	NONE	NONE
Educ 123	Facilitating Learner Centered Teaching	3	0	3	3	NONE	NONE
Educ 124	The Teacher and the School Culture Curriculum	3	0	3	3	NONE	NONE
PE 102	Physical Education 2	2	0	2	2	NONE	NONE
NSTP 201	ROTC/CWTS/LTS 2	3	0	3	3	NONE	NONE
BIO 122	Biology for Science Teachers 2	3	3	6	4	BIO 111	NONE
SciEd 122	Earth and Space Science 2	3	0	3	3	NONE	NONE
Math 122	Math for Science Teachers 1	3	0	3	3	NONE	NONE
Total		26	3	29	27		

SECOND YEAR

First Semester

Course Code		Description	No. of Hours			Units	Pre-requisites	Co-requisites
			Lec	Lab	Total			
SS	201	The Entrepreneurial Mind	3	0	3	3	NONE	NONE
ENG	101	Purposive Communication	3	0	3	3	NONE	NONE
SS104	113	Ethics	3	0	3	3	NONE	NONE
Chem	211	Advanced General Chemistry	3	3	6	4	NONE	NONE
Phys	211	University Physics 1 (Classical Mechanics)	3	3	6	4	NONE	NONE
Educ	215	The Teaching Profession	3	0	3	3	NONE	NONE
Educ	216	Foundation of Special & Inclusive Education	3	0	3	3	NONE	NONE
Math	213	Math for Science Teachers 2	3	0	3	3	Math 121	NONE
PE	103	Physical Education 3	2	0	2	2		
Total			26	6	32	28		

SECOND YEAR

Second Semester

Course Code		Description	No. of Hours			Units	Pre-requisites	Co-requisites
			Lec	Lab	Total			
Eng	102	Art Appreciation	3	0	3	3	NONE	NONE
Chem	222	Inorganic Chemistry	3	3	6	4	NONE	NONE
Chem	223	Organic Chemistry	3	3	6	4	NONE	NONE
Phys	222	University Physics 2 (Thermo, Acoustics & Optics)	3	3	6	4	NONE	NONE
Educ	227	Assessment of Learning 1	3	0	3	3	NONE	NONE
Educ	228	Technology for Teaching & Learning 1	2	3	5	3	NONE	NONE
Fil	102	Panitikan	3	0	3	3	NONE	NONE
PE	104	Physical Education 4	2	0	2	2	NONE	NONE
Total			22	12	33	26		



THIRD YEAR								
First Semester								
Course Code		Description	No. of Hours			Units	Pre-requisites	Co-requisites
			Lec	Lab	Total			
Chem	314	Biochemistry	3	0	3	3	NONE	NONE
Phys	313	University Physics 3 (Electromagnetism)	3	3	6	4	NONE	NONE
Chem	315	Physical Chemistry	3	0	3	3	NONE	NONE
SciEd	313	Research in Science Ed	3	0	3	3	NONE	NONE
GenEd	114	Life and Works of Rizal	3	0	3	3	NONE	NONE
Educ	318	Assessment of Learning 2	3	0	3	3	NONE	NONE
Fil	103	Sinesosyedad/Pelikulang Panlipunan	3	0	3	3	NONE	NONE
SciEd	314	Technology for Teaching & Learning 2	2	3	5	3	NONE	NONE
Bio	313	Microbiology & Parasitology	3	3	6	4	Bio 122	NONE
Total			26	9	35	29		
THIRD YEAR								
Second Semester								
Course Code		Description	No. of Hours			Units	Pre-requisites	Co-requisites
			Lec	Lab	Total			
SS	102	Readings in Philippine History	3	0	3	3	NONE	NONE
Phys	324	Basic Electronics for Science Teachers	3	3	3	4	NONE	NONE
Phys	325	Modern Physics	3	0	3	3	NONE	NONE
Chem	326	Analytical Chemistry	3	6	9	5	NONE	NONE
SciEd	325	Environmental Science	3	0	3	3	NONE	NONE
SciEd	326	The Teaching of Science/ Teaching the Specialized Field	3	0	3	3	NONE	NONE
Educ	329	The Teacher and the Community, School Culture and Organizational Leadership	3	0	3	3	NONE	NONE
FL	101	Foreign Language 1	3	0	3	3	NONE	NONE
Total			24	9	33	27		

FOURTH YEAR								
<i>First Semester</i>								
Course Code		Description	No. of Hours			Units	Pre-requisites	Co-requisites
			Lec	Lab	Total			
Educ	411	Experimental Learning (Field Studies)	6	0	6	6	Prof Ed subjects	NONE
Sem	411	Seminar 1	0	3	3	1	NONE	NONE
Sem	412	Seminar 2	0	3	3	1	NONE	NONE
Comp	411	Programming Basic for Science Teachers	1	6	7	3	NONE	NONE
Total			7	12	19	11		
FOURTH YEAR								
<i>Second Semester</i>								
Course Code		Description	No. of Hours			Units	Pre-requisites	Co-requisites
			Lec	Lab	Total			
Educ	421	Student Teaching	6	0	6	6	All Prof ed subjects	NONE
Sem	423	Seminar on Special Topics	0	3	3	1	NONE	NONE
Total			6	3	12	7		