

BACHELOR OF SECONDARY EDUCATION Major in SCIENCES (BSEd)

LIST OF COURSES BY SEMESTER

BOR Resolution No. ____, Series of 2017

First Year, First Semester

Course No.	Course Title	Units	Hrs/Week			Prerequisite(s)
			Lec	Lab	Total	
GEC101	Understanding the Self	3	3	0	3	None
GEC105	Readings in Philippine History	3	3	0	3	None
GEC102	Purposive Communication	3	3	0	3	None
GEC103	Contemporary World	3	3	0	3	None
FPE101	Foundation of Peace Education	3	3	0	3	None
CPE101	The Teaching Profession	3	3	0	3	None
CPE100	The Child and Adolescent Learners and Learning Principles	3	3	0	3	None
PED001	Exercise Prescription and Management	2	2	0	2	None
NST001	National Service Training Program 1	(3)	(3)	0	(3)	None
	Total	23	23	0	23	

First Year, Second Semester

Course No.	Course Title	Units	Hrs/Week			Prerequisite(s)
			Lec	Lab	Total	
GEC106	Art Appreciation	3	3	0	3	None
GEC107	Ethics	3	3	0	3	None
FIL101	Wika at Kultura sa Mapayapang Lipunan	3	3	0	3	None
CPE102	The Teacher & the Community, School, Culture & Org. Leadership	3	3	0	3	CPE101
BIO020	Genetics for Teachers (Lec)	2	2	0	2	None
BIO020.2	Genetics for Teachers (Lab)	2	0	2	2	None
CHE019	Inorganic Chemistry for Teachers (Lec)	3	3	0	3	None
CHE019.2	Inorganic Chemistry for Teachers (Lab)	2	0	2	2	None
PED002	Dance/Martial Arts	2	2	0	2	PED001
NST002	National Service Training Program 2	(3)	(3)	0	(3)	NST001
	Total	23	19	4	23	

First Year, Summer

Course No.	Course Title	Units	Hrs/Week			Prerequisite(s)
			Lec	Lab	Total	
CPE103	Foundation of Special and Inclusive Education	3	3	0	3	CPE100
SCE135	Earth Science for Teachers	3	3	0	3	None
	Total	6	6	0	6	

Second Year, First Semester

Course No.	Course Title	Units	Hrs/Week			Prerequisite(s)
			Lec	Lab	Total	
FIL102	Ekokritisismo at Pagpahalaga sa Kalikasan	3	3	0	3	None
GEC104	Mathematics in the Modern World	3	3	0	3	None
GEC108	Science, Technology and Society	3	3	0	3	None
GEC105	Assessment of Learning 1	3	3	0	3	CPE100
BIO021	Cell and Molecular Biology for Teachers (Lec)	2	2	0	2	BIO020
BIO021.2	Cell and Molecular Biology for Teachers (Lab)	2	0	2	2	BIO020.2
CHE032	Organic Chemistry for Teachers (Lec)	3	3	0	3	CHE019
CHE032.2	Organic Chemistry for Teachers (Lab)	2	0	2	2	CHE019.2
PED003	Individual/Dual Sports/Traditional/Recreational Games	2	2	0	2	PED001
Total		23	19	4	23	

Second Year, Second Semester

Course No.	Course Title	Units	Hrs/Week			Prerequisite(s)
			Lec	Lab	Total	
FIL103	Inobasyon sa Wikang Filipino	3	3	0	3	None
CPE106	Assessment of Learning 2	3	3	0	3	CPE105
GEC109	The Life and Works of Rizal	3	3	0	3	None
PHY101	Mechanics for Teachers	3	3	0	3	None
PHY101.1	Mechanics for Teachers	1	0	1	1	None
CHE048	Biochemistry for Teachers	3	3	0	3	CHE032
CHE048.2	Biochemistry for Teachers	2	0	2	2	CHE032.2
BIO022	Microbiology and Parasitology for Teachers (Lec)	2	2	0	2	BIO007
BIO022.2	Microbiology and Parasitology for Teachers(Lab)	2	0	2	2	BIO007.2
PED004	Team Sports	2	2	0	2	PED001
Total		24	19	4	24	

Second Year, Summer

Course No.	Course Title	Units	Hrs/Week			Prerequisite(s)
			Lec	Lab	Total	
SCE137	Anatomy and Physiology for Teachers (Lecture & Laboratory)	4	2	2	4	None
Total		4	2	2	4	

Third Year, First Semester

Course No.	Course Title	Units	Hrs/Week			Prerequisite(s)
			Lec	Lab	Total	
HIS003	History of Muslim and Indigenous People of MINSUPALA	3	3	0	3	None
CPE107	Technology for Teaching and Learning 1	3	3	0	3	CPE100
CPE108	The Teacher & the School Curriculum	3	3	0	3	CPE101, CPE102
CPE104	Facilitating Learner-Centered Teaching	3	3	0	3	CPE100
PHY102	Electricity and Magnetism for Teachers (Lec)	3	3	0	3	PHY101/ PHY101.1
PHY102.1	Electricity and Magnetism for Teachers (Lab)	1	0	1	1	
PHY103	Waves and Optics for Teachers (Lec)	2	2	0	2	PHY101
PHY103.1	Waves and Optics for Teachers (Lab)	2	0	2	2	
PHY106	Astronomy for Teachers	3	3	0	3	None
Total		23	17	4	23	

Third Year, Second Semester

Course No.	Course Title	Units	Hrs/Week			Prerequisite(s)
			Lec	Lab	Total	
SCE134	Technology for Teaching and Learning 2	3	3	0	3	CPE107
CPE109	Building & Enhancing Literary Skills Across the Curriculum	3	3	0	3	CPE101, CPE102
CHE028	Analytical Chemistry for Teachers (Lec)	3	3	0	3	CHE019 & CHE019.2
CHE028.2	Analytical Chemistry for Teachers (Lab)	2	0	3	2	
PHY105	Thermodynamics for Teachers (Lec)	3	3	0	3	PHY101/ PHY10.1
PHY105.1	Thermodynamics for Teachers (Lab)	1	0	1	1	
CPE198	Research Methods	3	3	0	3	CPE106
PHY104	Modern Physics for Teachers	3	3	0	3	PHY101 & PHY101.1 PHY102 & PHY102.1
Total		21	16	4	20	

Third Year, Summer

Course No.	Course Title	Units	Hrs/Week			Prerequisite(s)
			Lec	Lab	Total	
SCE133	Meteorology for Teachers	3	3	0	3	None
SCE136	Environmental Science for Teachers	3	3	0	3	None
Total		6	6	0	6	

Fourth Year, First Semester

Course No.	Course Title	Units	Hrs/Week			Prerequisite(s)
			Lec	Lab	Total	
ELC101	Observations of Teaching-Learning in Actual School Environment	3	3	0	3	CPE103;CPE104 CPE106;CPE107
ELC102	Participating and Teaching Assistantship	3	3	0	3	CPE103;CPE104 CPE106;CPE107
SCE199	Undergraduate Thesis	3	3	0	3	CPE198
SCE133	The Teaching of Science	3	3	0	3	SCE135;SCE137 SCE134;SCE136
Total		12	15	0	15	

Fourth Year, Second Semester

Course No.	Course Title	Units	Hrs/Week			Prerequisite(s)
			Lec	Lab	Total	
ELC197	Teaching Internship	6	6	0	6	ELC101, ELC102
Total		6	6	0	6	

Grand Total 171 Units