



BACHELOR OF SECONDARY EDUCATION (SCIENCE)
BOT Res. No. 039, series 2018
Effective Academic Year 2022-2023

Summary	Number of Units		
	Per CMO No. 20 s. 2013; CMO No. 75 s. 2017	Existing Curriculum	Enhanced Curriculum
I. General Education	36	36	36
A. GE Core	24	24	24
B. GE Elective	9	9	9
C. Mandated	3	3	3
II. Core Courses	42	48	42
III. Major Courses	73	76	76
IV. Cognates	–	–	–
V. Elective Courses	–	–	–
VI. Mandated Courses	14	14	14
VII. Institutional Courses	–	15	7
Total	165	189	175

FIRST YEAR													
FIRST SEMESTER							SECOND SEMESTER						
Grades	Course No.	Descriptive Title	Lec	Lab	Units	Pre-req.	Grades	Course No.	Descriptive Title	Lec	Lab	Units	Pre-req.
	Educ 101	The Teaching Profession	3		3			GEE 105	Gender and Society	3		3	
	IC 102	Advanced Academic Reading and Writing	3		3			GEC 101	Purposive Communication	3		3	
	GEC 105	Understanding the Self	3		3			Educ 103	Facilitating Learner-Centered Teaching	3		3	
	GEC 103	Mathematics in the Modern World	3		3			Educ 104	Foundation of Inclusive and Special Education	3		3	
	Educ 102	Child and Adolescent Learners and Learning Principles	3		3			Educ 105	Technology for Teaching and Learning	3		3	
	GEC 108	Science, Technology and Society	3		3			Chem 101	Inorganic Chemistry	3	2	5	
	GEE 101	Living in the IT Era	3		3			Physics 102	Fluid Mechanics	3		3	
	PATHFit 1	Movement Competency Training	2		2			PathFit 2	Exercise-based Fitness Activities	2		2	
	IC 101	JHCSC Civic Course	1		1			NSTP 2	CWTS/LTS/ROTC	3		3	
	NSTP 1	CWTS/LTS/ROTC	3		3			TOTAL				28	
	TOTAL				27								

SECOND YEAR													
FIRST SEMESTER							SECOND SEMESTER						
Grades	Course No.	Descriptive Title	Lec	Lab	Units	Pre-req.	Grades	Course No.	Descriptive Title	Lec	Lab	Units	Pre-req.
	GEC 102	Readings in Philippine History	3		3			GEM 101	Life and Works of Rizal	3		3	
	Educ 201	Building and Enhancing New Literacies Across the Curriculum	3		3			Educ 204	The Teacher and the Community, School Culture, and Organizational Leadership	3		3	
	Educ 202	The Teacher and the School Curriculum	3		3			Educ 205	Assessment in Learning 2	3		3	Educ 203
	Educ 203	Assessment in Learning 1	3		3			Chem 202	Biochemistry	3		3	Chem 201
	Chem 201	Organic Chemistry	3	2	5	Chem 101		Physics 202	Waves and optics	3	1	4	Physics 101, Physics 201
	Physics 201	Electricity and Magnetism	3	1	4	Physics 101		Chem 203	Analytical Chemistry	3	2	5	Chem 101
	Earth Sci 101	Earth Science	3		3			Bio 201	Genetics	3	1	4	
	PATHFit 3	Dance/Sports	2		2			PATHFit 4	Dance/Sports	2		2	
	TOTAL				26			TOTAL				27	

THIRD YEAR													
FIRST SEMESTER							SECOND SEMESTER						
Grades	Course No.	Descriptive Title	Lec	Lab	Units	Pre-req.	Grades	Course No.	Descriptive Title	Lec	Lab	Units	Pre-req.
	Bio 301	Microbiology and Parasitology	3	1	4			GEC 104	Art Appreciation	3		3	
	Bio 302	Cell and Molecular Biology	3	1	4	Bio 201, Chem 202		GEC 106	Ethics	3		3	
	EarthSci 301	Environmental Science	3		3			GEC 107	The Contemporary World	3		3	
	Physics 301	Thermodynamics	3	1	4			SciEd 303	Research in Teaching Science 2	3		3	
	Physics 302	Modern Physics	3		3	Physics 101, Physics 201		EarthSci 302	Meteorology	3		3	
	SciEd 301	Technology for Teaching and Learning Science	3		3	Educ 103, Educ 105, Educ 203, Educ 205		EarthSci 303	Astronomy	3		3	
	SciEd 302	Research in Teaching Science 1	3		3			Bio 303	Anatomy and Physiology	3	1	4	
								SciEd 304	The Teaching of Science	3		3	Educ 102, Educ 103, Educ 203, Educ 205
	TOTAL				24			TOTAL				25	

FOURTH YEAR													
FIRST SEMESTER							SECOND SEMESTER						
Grades	Course No.	Descriptive Title	Lec	Lab	Units	Pre-req.	Grades	Course No.	Descriptive Title	Lec	Lab	Units	Pre-req.
	Educ 401	Field Study 1	3		3	All ProfEd and Major Courses		Educ 403	Practice Teaching	6		6	Educ 303 & 304
	Educ 402	Field Study 2	3		3	All ProfEd and Major Courses		IC 103	Seminar on Recent Trends and Issues in Education	6		3	
	GEE 104	Entrepreneurial Mind	3		3								
	TOTAL				9			TOTAL				9	