



College of Arts & Sciences

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BACHELOR OF SCIENCE IN CHEMISTRY
Effective A.Y. 2018 - 2019
CMO. No. 47, s. 2017

1 st Semester		FIRST YEAR		2 nd Semester	
		UNITS			
___ NSTP 1	National Service Training Program 1	3		___ NSTP2	National Service Training Program II
___ PE 1	Physical Education I	2		___ PE 2	Physical Education II
___ GE 4	Mathematics in the Modern World	3		___ GE 5	Purposive Communication
___ GE 10	Wikang Filipino	3		___ GE 1	Understanding the Self
___ Phys 101a	University Physics I (Lecture)	3		___ Chem 102	Inorganic Chemistry I
___ Phys 101b	University Physics I (Laboratory)	1		___ Phys 102a	University Physics II (Lecture)
___ Chem 101a	Principles of Chemistry (Lecture)	3		___ Phys 102b	University Physics II (Laboratory)
___ Chem 101b	Principles of Chemistry (Laboratory)	2		___ Calc 2	Calculus II
___ Calc 1	Calculus I	4			
		TOTAL	24		TOTAL
					22

1 st Semester		SECOND YEAR		2 nd Semester	
		UNITS			
___ PE 3	Physical Education III	2		___ PE 4	Physical Education IV
___ GE 11	Panitikan ng Pilipinas	3		___ GE 6	Art Appreciation
___ GE 12	Logic	3		___ GE 3	The Contemporary World
___ Chem 103	Inorganic Chemistry II	3		___ Chem 106a	Organic Chemistry II (Lecture)
___ Chem 104a	Analytical Chemistry I (Lecture)	3		___ Chem 106b	Organic Chemistry II (Laboratory)
___ Chem 104b	Analytical Chemistry I (Laboratory)	2		___ Chem 107a	Physical Chemistry I (Lecture)
___ Chem 105a	Organic Chemistry I (Lecture)	3		___ Chem 107b	Physical Chemistry I (Laboratory)
___ Chem 105b	Organic Chemistry I (Laboratory)	2		___ Chem 108a	Analytical Chemistry II (Lecture)
___ ChemElec 1	Chemistry Elective (Biotechnology)	3		___ Chem 108b	Analytical Chemistry II (Laboratory)
		TOTAL	24	___ ChemElec2	Chemistry Elective (Food Chemistry)
					TOTAL
					25

1 st Semester		THIRD YEAR		2 nd Semester	
		UNITS			
___ GE 7	Science, Technology and Society	3		___ GE 2	Readings in the Philippine History
___ GE 8	Ethics	3		___ Chem112	Physical Chemistry III
___ Chem 109a	Biochemistry I (Lecture)	3		___ Chem113	Biochemistry II
___ Chem 109b	Biochemistry I (Laboratory)	2		___ Chem114	Chemical Research I
___ Chem110a	Physical Chemistry II (Lecture)	3		___ ChemElect4	Chemistry Elective (Environmental Chemistry)
___ Chem110b	Physical Chemistry II (Laboratory)	1			
___ Chem111a	Analytical Chemistry III (Lecture)	3			
___ Chem111b	Analytical Chemistry III (Laboratory)	1			
___ ChemElec 3	Chemistry Elective (Chemistry of Natural Products)	3			
		TOTAL	22		TOTAL
					15

1 st Semester		FOURTH YEAR		2 nd Semester	
		UNITS			
___ GE 9	Life and Works of Rizal	3		___ Chem116	Chemical Research III
___ Chem115	Chemical Research II	3		___ Chem117	Professional Engagement
		TOTAL	6		TOTAL
					6

		SUMMARY	
I. General Education Courses:			
a. Core Courses	24 units	*	Students are required to complete the 6-unit thesis writing instead of 3-unit requirement as per CMO No. 47, Series of 2017.
b. GE Elective Courses	9 units		
c. Life and Works of Rizal	3 units	+	Practicum takes place of the 3-unit requirement of Qualified Elective. Only students in 4 th year standing shall be allowed to take the Practicum.
II. PE and NSTP 1 and 2	14 units		
III. Core Courses: Ancillary Courses	16 units	++	Any academic course in any discipline freely chosen by the student.
IV. Core Courses: Core Chemistry Courses	54 units	+++	One unit laboratory is equivalent to 3 laboratory contact hours per week.
V. Elective Courses	12 units		
VI. Thesis or Professional Engagement	12 units		
TOTAL UNITS:	144 units		
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Milagros M. Greif
MILAGROS M. GREIF, Ph.D.
 Dean, College of Arts and Sciences

Ma. Mayla Mielde M. Lapa, Man
MA. MAYLA MIELDA M. LAPA, MAN
 PA for Quality Assurance

Daisy R. Palompon
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 Vice President for Academic Affairs



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Registration No. 52018778
 Certification Date: 6 August 2018
 Recertification due date: 24 January 2021
 For verification of the certificate please access:
www.globalgroup.net (Certification check) and type the
 registration number