COLLEGE OF ARTS AND SCIENCES

Xavier University - Ateneo de Cagayan

BACHELOR OF SCIENCE IN CHEMISTRY

Effective SY 2010-2011 Option B (Eng 014.1)

as of Sept 21, 2010

Option B	(Eng 014.1)							as of Se	pt 21,	2010
				FIRST YEAR						
	FIRST SEMESTER			SECOND SEMESTER						
		Lec L				Lab				Lab
CHEM 1.1	General Inorganic Chemistry (Lec)	3	BIO 31.1	Fundamentals of Biology I (Lec)	3		ECON 20.1	Principles of Economics w/	3	
CHEM 1L	General Inorganic Chemistry (Lab)		2 BIO 31 L	Fundamentals of Biology I (Lab)		2		Taxation, Agrarian Reform &		
ENG 014.1	English Plus: Intro to Study, Thinking	(3)	CHEM 2.1	General Inorganic Chemistry II w/	3	2		Consumer Education		
	and Communication Skills in English			Qualitative Analysis			FIL 33	Pagbasa at Pagsulat Tungo	3	
FIL 22	Komunikasyon sa Akademikong	3	COMP10.1	Intro to Computer and Information	3			sa Pananaliksik		
	Filipino			Technology			MATH 11	Basic Statistics	3	
HIST 10.1	Philippine History and Institutions	3	ENG 16.1	Study, Thinking and Language	3					
MATH 01*/1	College Algebra	3		Skills in English						
PSYC 1	General Psychology	3	HIST 11.1	Rizal's Life, Works & Writings	3					
FFP	Freshmen Formation Program	3	MATH 2	Plane Trigonometry	3					
P.E. 1	Physical Fitness	2	RS 15	Old Testament	3					
			P.E. 2	Rhythmic Activities	2					
	Sub tot		2	Sub Tota	al 23	4		Sub Total	9	
	Tot	al 25		Tota	al 27			Total	9	
*For non-passe	ers of classification test, recited daily									
				SECOND YEAR						
	FIRST SEMESTER			SECOND SEMESTER						
0.15		Lec L		0 10 11	Lec			- 10 10 1 10 10 10 10 10 10 10 10 10 10 1		Lab
CHEM 6.1	Quantitative Analysis		CHEM 3	Organic Chemistry 1	3		ENG 34.1	The Literatures of the World	3	
ENG 17	Effective Speech Communication	3	ENG 27	Writing Term Paper in the Discipline	3		FIL 44	Masining na Pagpapahayag	3	
ENG 41	Humanities, Art, Aesthetics & Society			& Business Correspondence			SOC 01.1	Principles of Sociology w/	3	
PHILO 01	Logic	3	MATH 5	Mathematical Analysis I	5			Population, Family Planning		
PHYS 1	General College Physics 1		PHYS 2	General College Physics 2	3	2		& HIV/AIDS Education		
RS 20	Christology	3	PSC 10.1	Politics & Governance w/	3					
NSTP 1	National Service Training Program	3		Philippine Constitution						
P.E. 3	Individual/Dual Sports	2	NSTP 2	National Service Training Program	3					
			P.E. 4	Team Sports	2					
		tal 23	1	Sub Tota		4		Sub Total	9	
	То	tal 27			al 26			Total	9	
	FIDOT OFMEOTED		1	THIRD YEAR			ı	CUMMED		
	FIRST SEMESTER	1 1		SECOND SEMESTER		1 -1-		SUMMER		
011514		Lec L			Lec			ata ma abila ila la du atala a 0 O ansassa		
CHEM 4	Organic Chemistry 2		2 BIO 22.1	Microbiology (Lec)	3			nternship in Industries & Commu 1st sem, 4 ^{ui} year)	nity	
CHEM 5	Biochemistry		2 BIO 22L	Microbiology (Lab)	•	•	(enrolled in	ist sein, 4 year)		
CHEM 7.1	Chemical Instrumentation I	-	CHEM 9	Physical Chemistry 1	3	2				
MATH 6	Mathematical Analysis II	5	CHEM 14.1	Chemical Instrumentation II	1	2				
PHILO 15.1	Philosophy of Man and the Human	3	CHEM 32.2	Seminar, Readings and Research	1					
D0 05	Person	•	0.1514.51	in Chemistry	•					
RS 35	Church & Sacraments	3	CHEM Elec	Chem 17/22/23/25.1/27.1/31/36	3					
			PHILO 30.1*	General and Special Ethics with	3					
	0.1.7		.	PERSON Program		_				
		tal 19)	Sub Tota		5				
	10	ital 24	* Dhilasanhias		al 19					
				I Enrichment and Regeneration for Social d Networking Program	al					
			Onemation an	FOURTH YEAR						
	FIRST SEMESTER			SECOND SEMESTER						
	. INO. OLINEOTER	Lec L	ab	JESOND CEMESTER	Lec	Lab				
CHEM 11.1	Practicum Internship in Industries &	2	CHEM 12	Advanced Inorganic Chemistry	3	_40				
	Community	_	CHEM 16L	Seniors Research II	Ü	2				
CHEM 13	Physical Chemistry 2	3 :		Chem21.1/24/26.1/28/29.1/34/35/	3	_				
CHEM 16.1	Senior's Research I		-	IPRO 016	J					
CHEM 20	Quantum Chemistry	3	Foreign	French/Spanish/German/Japanese/	3					
RS 55	Christian Morality w/ Social	3	Language	Chinese	Ü					
110 00	Teachings of the Church	0	PHILO 25	Philosophy of Religion	3					
	•	tal 11		Sub Tota		2				
		ital 14			al 14	-				
	10	IT		100	a. I⊤/					
ELECTIVES		Lec L	ab		Lec	Lab	<u> </u>		Lec	Lab
CHEM 17	Chemistry of Natural Products	3	CHEM 26.1	Advanced Analytical Chemistry	3		CHEM 31	Advanced Organic Chemistry	3	
CHEM 21.1	Introduction to Computational Chemistr		(Computer Lab)		•		CHEM 34	Organic/Inorganic Synthesis	1	2
CHEM 22	Environmental Chemistry	3	CHEM 27.1	Food Chemistry	3		CHEM 35	Sustainable Development:	3	-
CHEM 23	Industrial Chemistry	3	CHEM 28	Descriptive Inorganic Chemistry	3			Issues and Interventions	•	
CHEM 24	Advanced Instrumentation		CHEM 29.1	Advanced Physical Chemistry: Kinetics			CHEM 36	Agricultural Chemistry	3	
CHEM 25.1	Polymer Chemistry	3	CHEM 30	Advanced Biochemistry	3		IPRO 016	Interprofessional Project-Lab		3
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