

**CENTRAL LUZON DOCTORS' HOSPITAL - EDUCATIONAL INSTITUTION**

San Pablo, Tarlac City

**DEPARTMENT OF PHARMACY**

**BACHELOR OF SCIENCE IN PHARMACY**

A.Y. 2010 - 2011

**FIRST YEAR**

**First Semester**

Course Code	Course Title	Units	Lec (Hrs)	Lab (Hrs)	Pre-Requisite
Engl 1	Communication Skill 1	3	3		
Fil 1	Komunikasyon sa Akademikong Filipino	3	3		
Math 1	College Algebra	3	3		
Chem 1	General & Inorganic Chemistry	5	3	6	
SocSci 1	General Psychology	3	3		
Euth	Values Education and Career Orientation	1	1		
Pharm 1	History & Orientation to Pharmacy	3	3		
PE 1	Gymnastics	2	2		
NSTP 1	Civil Welfare Training Service 1	3	3		
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**Second Semester**

Engl 2	Communication Skills 2	3	3		Engl 1
Fil 2	Pagbasa at Pagsulat Tungo sa Pananaliksik	3	3		Fil 1
Ph BioSci 1	Pharm Botany with Taxonomy	5	3	6	
Chem 2a	Organic Chemistry	5	3	6	Chem 1
PE 2	Rhythmic Activities	2	2		
Pharm 2	Pharmaceutical Calculation	3	3		Pharm 1
NSTP 2	Civil Welfare Training Service 2	3	3		NSTP 1
Minor Internship	Community Pharmacy (200 hours)	2			
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**SECOND YEAR**

**First Semester**

Ph BioSci 2	Human Anatomy and Physiology with Pathophysiology	5	3	6	Ph BioSci 1
PhySci 1	General Physics	5	3	6	
Stat	Biostatistics	3	3		
Pharmaceutics 1	Drug Delivery Systems	5	3	6	Pharm 2
Philo 1	Logic and Critical Thinking	3	3		
SocSci 2	Sociology and Anthropology	3	3		SocSci 1
PE 3	Individual & Dual Sports	2	2		
Minor Internship	Hospital Pharmacy (200 hours)	2			
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**Second Semester**

Philo 2	Philosophy of Man	3	3		Philo 1
Engl 3	Effective and Technical Writing	3	3		Engl 2
PharmChem 1	Chemistry and Pharmacy of Medicinals 1	5	3	6	Chem 1; Pharm 1
Ph BioSci 3	Pharmaceutical Biochemistry	5	3	6	Chem 1a; Ph BioSci 2
Pharm 3	Physical Pharmacy	4	3	3	Chem 1a; Pharmaceutics 1
Pharm 4	Biopharmaceutics and Pharmacokinetics	3	3		Pharm 2; Ph BioSci 2
Lit 1	Philippine Literature	3	3		
PE 4	Team Sports	2	2		
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**Summer**

Philo 3	Health Ethics	3	3		
IT	Computer Education	3	2	3	
		<u>6</u>			

**CONTENTS NOTED**


  
**JOHN WESLEY S. GALAGUI I, RN, MT**  
 OIC - Supervising Education Program Specialist

### THIRD YEAR

#### First Semester

Course Code	Course Title	Units	Lec (Hrs)	Lab (Hrs)	Pre-Requisite
Computer 2	Pharmacy Informatics	3	2	3	IT
Rizal	Life & Works of Rizal	3	3		
Pharm Care 1	General Principles of Health Care	3	3		
Pharm Chem 2	Pharmacy and Chemistry of Medicinals 2	4	3	3	Ph BioSci 3
Ph BioSci 4	Pharmacognosy & Plant Chemistry	5	3	6	Ph BioSci 1; Chem 1a; Ph BioSci 3
Ph BioSci 5	Pharm'l Microbiology and Parasitology	5	3	6	Ph BioSci 2; Ph BioSci 3
Pharm 5	Hospital Pharmacy	3	2	3	Pharm 3; Pharmaceutics 1
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#### Second Semester

Pharm Care 2	Public Health	3	3		Ph BioSci 5; Pharm Care 1
Pharmaceutics 2	Manufacturing Pharmacy	5	3	6	Pharmaceutics 1; Pharm 3
Ph BioSci 6	Pharmacology 1	4	4		Pharm Chem 2
Pharm Chem 3	QC 1-Drug Testing & Assay	5	3	6	Pharmaceutics 1
Pharm Care 3	Interpersonal Communication Skills for Pharmacists	3	3		Eng 1&2; SocSci 1; Philo 2
SocSci 3	Health Economics w/ TLR	3	3		
Minor Internship	Manufacturing Pharmacy (200 hours)	2			
		<u>25</u>			

### FOURTH YEAR

#### First Semester

Ph BioSci 7	Pharmacology 2	4	3	3	Ph BioSci 6
Pharm Chem 4	QC 2-Drug Testing & Assay with Instrumentation	4	3	3	Pharm Chem 3; Pharmaceutics 2
Pharm Care 4	Dispensing and Medication Counseling	3	2	3	Pharm Care 3
Ph Ad And Mgt 1	Principles of Pharmacy Administration and Management	3	3		Senior Standing
Research 1	Research Methodology	3	3		Senior Standing; Pharm 5; Pharmaceutics 2
Major Internship	Community, Hospital or Manufacturing Pharmacy (360 hours)	3			
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#### Second Semester

Ph BioSci 4	Phil. History & Gov't w/ Phil. Constitution	3	3		
Pharm Chem 5	Clinical Toxicology	3	2	3	Ph BioSci 6
Pharm Juris and Ethics	Pharm'l Jurisprudence and Ethics	3	3		Philo 3; Pharm 5; Pharmaceutics 2
Pharm Care 5	Clinical Pharmacy	4	3	3	Pharm 5; Pharm Care 4
Ph Ad & Mgt 2	Marketing and Entrepreneurship	3	3		Ph Ad And Mgt 1
Research 2	Thesis Writing	3	1	6	Research 1
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#### Integrated Subjects:

Domestic Violence, Solid Waste Management, Clean Air, Drug Abuse and Sexual Harrassment are all integrated in NSTP 1, SARS, HIV/AIDS. Prevention and Control Education, Responsible Parenthood and Population Management and Anti-Smoking Education are all integrated in Public Health.

## CONTENTS NOTED

6/16/10  
**JOHN WESLEY S. CALAGUI I, RN, MIT**  
OIC - Supervising Education Program Specialist  
Quality Assurance/MIS/Research/ICT Unit  
CHEDRO III