



SILLIMAN UNIVERSITY  
DUMAGUETE CITY

School/College: College of Arts & Sciences  
Program Name: Bachelor of Science in Pharmacy  
Curriculum year: Effective: S.Y. 2018-2019

**FIRST YEAR**

First Semester				
SUBJECTS	COURSE TITLE	LEC	LAB	UNITS
PH BIO SCI 11	Pharmaceutical Botany w/ Taxonomy	2	1	3
PHARM CHEM 11	Pharmaceutical Inorganic Chemistry w/ Qualitative Analysis	2	1	3
PHARM 11	Perspectives in Pharmacy	2	0	2
PHARM ANA 11	Pharmaceutical Calculations & Techniques	2	1	3
GE 7	Science, Technology & Society	3	0	3
CHS 1	Reading & Interpreting the Hebrew Scriptures	3	0	3
PE 1	Physical Fitness & Swimming	2	0	2
NSTP 1	National Service Training Program	3	0	3
PEP 1	Personality Enhancement Program			NC
TOTAL UNITS				22

Second Semester				
SUBJECTS	COURSE TITLE	LEC	LAB	UNITS
PHARM CHEM 12	Pharmaceutical Organic Chemistry (*PHARM CHEM 11)	2	2	4
PHARM ANA 12	Pharmaceutical Analysis 1 (Quantitative) (*PHARM ANA 11)	3	1	4
PHARM AD 12	Introduction to Pharmacy Administration, Management & Leadership	2	0	2
PH BIO SCI 12	Human Physiology & Pathophysiology	3	2	5
PHARM CARE 12	Introduction to the Health Care System	2	0	2
GE 9	The Life and Works of Jose Rizal	3	0	3
GE 8	Ethics	3	0	3
PE 2	Physical Education	2	0	2
NSTP 2	National Service Training Program	3	0	3
PEP 2	Personality Enhancement Program			NC
TOTAL UNITS				28

SUMMER				
SUBJECTS	COURSE TITLE	LEC	LAB	UNITS
MATH 18(B) 2018	Introduction to Statistics & Data Analysis	3	0	3
GE 10	Whole Person Education	3	0	3
GE 1	Understanding the Self	3	0	3
TOTAL UNITS				9

**SECOND YEAR**

First Semester				
SUBJECTS	COURSE TITLE	LEC	LAB	UNITS
PHARMACEUTICS 21	Pharm Dosage Forms, Drug Delivery Systems and Medical Devices (*PHARM ANA 11)	2	2	4
PHARM CARE 21	Dispensing 1 (Dispensing Process, Reading & Interpreting the Prescription and other Medicine Orders) (*PHARM ANA 11)	1	1	2
PH BIO SCI 21	Pharmaceutical Biochemistry (*PHARM CHEM 12)	3	1	4
PHY PHARM	Physical Pharmacy (**PHARMACEUTICS 21)	2	1	3
PH BIO SCI 23	Pharmaceutical Microbiology & Parasitology	2	2	4
PHARM 21	Complementary and Alternative Medicine	1	0	1
GE 6	Art Appreciation	3	0	3
GE 4	Mathematics in the Modern World	3	0	3
PE 3	Physical Education	2	0	2
TOTAL UNITS				26

Second Semester				
SUBJECTS	COURSE TITLE	LEC	LAB	UNITS
PHARM CHEM 22	Pharmaceutical & Medicinal Organic Chemistry (*PHARM CHEM 12, **PHARM CHEM 24)	3	1	4
PHARM CHEM 24	Pharmacognosy & Plant Chemistry (*PH BIO SCI 11)	3	2	5
PHARM ANA 22	Pharmaceutical Analysis 2 (Instrumental Methods of Analysis) (*PHARM ANA 12, *PHY PHARM)	2	1	3
PCOL 22	Pharmacology 1 (**PH BIO SCI 12, *PH BIO SCI 23)	3	0	3
PHARM INFO	Pharmacy Informatics (2ND YEAR STANDING)	2	1	3
GE 11	Free Elective	3	0	3
GE 3	The Contemporary World	3	0	3
PE 4	Physical Education	2	0	2
TOTAL UNITS				26

SUMMER				
SUBJECTS	COURSE TITLE	LEC	LAB	UNITS
GE 2	Readings in Philippine History	3	0	3
GE 5	Purposive Communication	3	0	3
CHS 2	Reading & Interpreting the Christian Scripture	3	0	3
TOTAL UNITS				9

**THIRD YEAR**

First Semester				
SUBJECTS	COURSE TITLE	LEC	LAB	UNITS
PHARM BIKIN	Biopharmaceutics & Pharmacokinetics (*PHY PHARM)	3	0	3
PHARMACEUTICS 31	Pharmaceutical Manufacturing (with Quality Assurance and cGMP) (*PHARMACEUTICS 21)	2	2	4
PHARM CARE 31	Dispensing 2 (medication related problems, medication safety, medication counselling & other pharmacy services) (*PHARMACEUTICS 21, *PHARM CARE 21)	2	1	3
PHARMACEUTICS 33	Drug Discovery & Development (3RD YR STANDING)	2	0	2
PCOL 31	Pharmacology 2 (*PCOL 22)	3	1	4
CLIN PHARM 1	Clinical Pharmacy & Pharmacotherapeutics 1 (*PCOL 22, **PCOL 31)	3	0	3
PHARM RESEARCH 1	Pharmacy Research Methods w/ Pharmaceutical Statistics (*PHARM)	3	0	3
PHARM 31	Hospital Pharmacy (3RD YR STANDING, **PHARM CARE 31)	2	1	3
TOTAL UNITS				25

Second Semester				
SUBJECTS	COURSE TITLE	LEC	LAB	UNITS
PHARM CHEM 32	Pharmaceutical Toxicology (*PCOL 31)	2	1	3
CLIN PHARM 2	Clinical Pharmacy & Pharmacotherapeutics 2 (*CLIN PHARM 1, PCOL 31)	3	0	3
PHARM CARE 32	Public Health Pharmacy (w/ Pharmacoepidemiology) (*PH BIO SCI 23)	3	0	3
PHARMACEUTICS 32	Cosmetic Product Dev't (Cosmetic product development, regulation & safety assessment) (*PHARMACEUTICS 21)	2	1	3
PHARM RESEARCH 2	Pharmacy Research & Thesis Writing (*PHARM RESEARCH 1)	1	2	3
PHARM CARE 34	Health Technology Assessment & Health Policy (w/ Pharmacoeconomics) (3RD YR STANDING)	2	0	2
PHARM AD 32	Social And Administrative Pharmacy (3RD YR STANDING)	1	0	1
PHARM AD 34	Pharmaceutical Marketing & Entrepreneurship	2	0	2
PHARM ETHICS	Legal Pharmacy and Ethics (3RD YR STANDING)	3	0	3
GE 12/CHS 3	Christianity and Peace-building	3	0	3
TOTAL UNITS				26

**FOURTH YEAR**

First Semester			
SUBJECTS	COURSE TITLE	UNIT	HRS
PHARM PRACT 41	Supervised Pharmacy Practice Experience (Institutional)	2.4	120
PHARM PRACT 43	Supervised Pharmacy Practice Experience (Public Health and Regulatory Pharmacy)	3.6	180
PHARM PRACT 45	Supervised Pharmacy Practice Experience (Community)	6	300
TOTAL		12	600

Second Semester			
SUBJECTS	COURSE TITLE	UNIT	HRS
PHARM PRACT 46	Supervised Pharmacy Practice Experience (Hospital)	6	300
PHARM PRACT 48	Supervised Pharmacy Practice Experience (Industry)	6	300
TOTAL		12	600

Total Credits:

195

**AUGMENTATION LEARNING ACTIVITIES**

SUBJECTS	UNITS	SCHEDULE OFFERING
CHEM 13	5	

**Summary of Curriculum Components**

Units	Units
General Education Subjects	36
Major Subjects	112
Major Electives	3
Internship	24
NSTP	6
PE	8
Institutional Required Subjects	6
<b>Total Credit Units</b>	<b>195</b>

**ADMISSION REQUIREMENTS:**

1. An applicant must be a Senior High School Graduate of the STEAM/STEM track and must have a general average of at least 85%, with no grade below 83 % in all subjects.
2. Those with High School general average of less than 85% but above 80%, may be conditionally admitted, and place on probation for one semester, he/she must have a QPA of at least 2.0, to remove "conditional" status.
3. Must pass the interview conducted by the Department Chair and the Faculty.

REVISED: S.Y. 2019-2020