



RA 9299
NOPS (1907)

Republic of the Philippines
Negros Oriental State University
NOTS (1927) EVSAT (1956) CVPC (1983)
Kagawasan Ave., Dumaguete City, Negros Oriental, Philippines 6200

June 25, 2004

BACHELOR OF SCIENCE IN PHARMACY
Per CMO #3 s. 2006 and 2019 Provisional Curriculum
Effective School Year 2018-2019

FIRST YEAR

First Semester					
Subject	Descriptive Title	Lec	Lab	Total	Pre-req. Co-req.
GE 4	Mathematics in the Modern World	3		3	
GE 5	Purposive Communication	3		3	
FIL 1	Akademiko sa Wikang Filipino	3		3	
PHARM 100	Pharmaceutical Botany with Taxonomy	2	1	3	
PHARM 101	Pharmaceutical Inorganic Chemistry (with Qualitative Analysis)	2	2	4	
PHARM 102	Perspectives in Pharmacy	2		2	
PHARM 103	Pharmaceutical Calculations & Techniques	2	1	3	
PHARM 104	Human Physiology and Pathophysiology	3	1	4	
PE 1	Physical Fitness and Health	2		2	
NSTP 1	National Service Training Program 1	3		3	
TOTAL		25	5	30	

Enhancement (For OFF-TRACK Senior High School graduates)

PHYS Physics 3

Second Semester					
Subject	Descriptive Title	Lec	Lab	Total	Pre-req. Co-req.
GE 1	Understanding the Self	3		3	
GE 10	Environmental Science	3		3	
PHARM 105	Pharmaceutical Organic Chemistry	2	2	4	
PHARM 106	Introduction to Pharmacy Administration, Management and Leadership	3		3	
PHARM 107	Pharmaceutical Analysis 1 (Quantitative Pharmaceutical Chemistry)	3	1	4	
PHARM 108	Introduction to the Health Care System	2		2	
PHARM 109	Human Physiology and Pathophysiology	3	1	4	PHARM 104
PE 2	Recreational Games and Sports	2		2	PE 1
NSTP 2	National Service Training Program 1	3		3	NSTP 1
TOTAL		24	4	28	

DRRR Disaster Readiness and Risk Reduction 3

SECOND YEAR

First Semester					
Subject	Descriptive Title	Lec	Lab	Total	Pre-req. Co-req.
GE 3	The Contemporary World	3		3	
GE 9	Life and Works of Rizal	3		3	
GE 11	Gender and Society	3		3	
PHARM 200	Pharmaceutical Dosage Forms, Drug Delivery Systems and Medical Devices	2	2	4	PHARM 103 PHARM 203
PHARM 201	Dispensing I (Dispensing Process, Reading & Interpreting the Prescription and Other Medicine Orders)	1	1	2	PHARM 103
PHARM 202	Pharmaceutical Biochemistry	3	1	4	PHARM 105
PHARM 203	Physical Pharmacy	2	1	3	PHARM 209
PHARM 204	Pharmaceutical Microbiology and Parasitology	2	2	4	PHARM 109
PHARM 205	Complementary and Alternative Medicine	2		2	
PE 3	Rhythmic and Social Recreation	2		2	PE 1
TOTAL		23	7	30	

Second Semester					
Subject	Descriptive Title	Lec	Lab	Total	Pre-req. Co-req.
GE 2	Readings in Phil History	3		3	
GE 6	Art Appreciation	3		3	
GE 8	Ethics	3		3	
PHARM 206	Pharmacognosy and Plant Chemistry	3	2	5	PHARM 100; 202 PHARM 209
PHARM 207	Pharmaceutical Analysis 2 (Instrumental Methods of Analysis)	2	1	3	PHARM 107; 203
PHARM 208	Pharmacology 1	3		3	PHARM 104; 109
PHARM 209	Pharmaceutical and Medicinal Organic Chemistry	3	1	4	PHARM 105 PHARM 206
PHARM 210	Pharmacy Informatics	2	1	3	2nd year standing
PE 4	Cultural Presentation and Sports Management	2		2	PE 1
TOTAL		24	5	29	

THIRD YEAR

First Semester					
Subject	Descriptive Title	Lec	Lab	Total	Pre-req. Co-req.
GE 7	Science, Technology and Society	3		3	
PHARM 300	Biopharmaceutics & Pharmacokinetics	3		3	PHARM 203
PHARM 301	Pharmaceutical Manufacturing (with Quality Assurance and cGMP)	3	2	5	PHARM 203 PHARM 207
PHARM 302	Dispensing II (Medication related problems, medication safety, medication counseling and other pharmacy services)	2	1	3	PHARM 200, PHARM 201
PHARM 303	Drug Discovery & Development	2		2	3rd year standing
PHARM 304	Pharmacology 2	3	1	4	PHARM 208 PHARM 305
PHARM 305	Clinical Pharmacy and Pharmacotherapeutics 1	3		3	PHARM 208 PHARM 304
PHARM 306	Pharmaceutical Research Methods with Pharmaceutical Statistics	2	1	3	PHARM 210 3rd year standing
PHARM 307	Hospital Pharmacy	3		3	3rd year standing
TOTAL		24	5	29	

Second Semester					
Subject	Descriptive Title	Lec	Lab	Total	Pre-req. Co-req.
GE 12	Philippine Popular Culture	3		3	
PHARM 308	Pharmaceutical Toxicology	2	1	3	PHARM 304
PHARM 309	Clinical Pharmacy and Pharmacotherapeutics 2	3	1	4	PHARM 304; PHARM 305
PHARM 310	Public Health Pharmacy (with Pharmacoepidemiology)	3		3	PHARM 204
PHARM 311	Cosmetics and other Product Development (Cosmetic product development, regulation and safety assessment)	2	1	3	PHARM 301
PHARM 312	Pharmacy Research and Thesis Writing	1	3	4	PHARM 306
PHARM 313	Health Technology Assessment and Health Policy (with Pharmacoeconomics)	2		2	3rd year standing
PHARM 314	Social and Administrative Pharmacy	1		1	3rd year standing
PHARM 315	Pharmaceutical Marketing and Entrepreneurship	2		2	
PHARM 316	Legal Pharmacy and Ethics	3		3	3rd year standing
TOTAL		22	6	28	

FOURTH YEAR

First Semester				
Subject	Descriptive Title	Unit	Hours	Pre-req.
PHARM 400	Experiential Pharmacy Practice in Institutional Pharmacy	2.4	120.0	PHARM 316; 302 4th year standing
PHARM 401	Experiential Pharmacy Practice in Public Health and Regulatory Pharmacy	3.6	180.0	PHARM 310; 313 4th year standing
PHARM 402	Experiential Pharmacy Practice in Community Pharmacy	6.0	300.0	PHARM 200; 302; 304 4th year standing
TOTAL		12	600	

Second Semester				
Subject	Descriptive Title	Lec	Hours	Pre-req.
PHARM 403	Experiential Pharmacy Practice in Hospital Pharmacy	6	300.0	PHARM 317, 305 4th year standing
PHARM 404	Experiential Pharmacy Practice in Industrial Pharmacy	6	300.0	PHARM 301; 311; 106; 315; 210; 316 4th year standing
PHARM 405	Pharmacy Competency Appraisal	3		4th year standing
TOTAL		15	600	

First Revision: August 2020

Summary

	No. of Units
GE subjects	42
PE and NSTP	14
Professional Courses	148
Total	204
With Enhancement (for SHS-Off track)	6
Total	210