



# 3 + 4 BS-PharmD Curriculum Plan 2019-2020

PRQ (1)	GE (2)	CPR (3)	FALL Year 1	
X	X		BIOL110/L Biology I w/ Lab	4
X	X		CHEM110/L General Chemistry I w/ Lab	4
X	X		MATH120 Applied Statistics	3
X	X		ENGL110 English Composition I	3
		X	COLL100 Student Success Seminar	2
<i>Total Credits</i>				<b>16</b>

PRQ (1)	GE (2)	CPR (3)	SUMMER Year 2	
X		X	BIOL210/L Human Anatomy w/ Lab	4
			COLL110 Medical Terminology	2
<i>Total Credits</i>				<b>6</b>

PRQ (1)	GE (2)	CPR (3)	FALL Year 2	
X		X	BIOL220/L Human Physiology	3
X			CHEM210/L Organic Chemistry I w/ Lab	4
	X	X	COLL210 Foundations of Service Learning	2
X			PHYS210 Physics I	3
X	X		PSYC430 Psychology for Healthcare Practit.	3
<i>Total Credits</i>				<b>15</b>

PRQ (1)	GE (2)	CPR (3)	SUMMER Year 3	
X	X		ARMU110/120 Art/Music Appreciation	3
X			BIOL240 Essentials of Biochemistry	3
<i>Total Credits</i>				<b>6</b>

PRQ (1)	GE (2)	CPR (3)	FALL Year 3	
		X	BIOL310/L General Microbiology with Lab	4
		X	PSYC110 General Psychology	3
X	X		ANTH210 Cultural Anthropology	3
		X	COLL310 Research Methods	3
<i>Total Credits</i>				<b>13</b>

PRQ (1)	GE (2)	CPR (3)	SPRING Year 1	
X		X	BIOL120/L Biology II with Lab	4
X		X	CHEM120/L General Chemistry II w/ Lab	4
X			MATH130 Differential & Integral Calculus	3
X	X		ENGL120 English Composition II	3
<i>Total Credits</i>				<b>14</b>

PRQ (1)	GE (2)	CPR (3)	SPRING Year 2	
		X	BIOL230 Genetics – Genes to Genomes	3
X			CHEM220/L Organic Chemistry II w/ Lab	4
	X		SOCL110 Sociology	3
X	X		COMM110 Oral Communication	3
	X	X	COLL220 Service Learning Practicum	2
<i>Total Credits</i>				<b>15</b>

PRQ (1)	GE (2)	CPR (3)	SPRING Year 3	
		X	BIOL430 Pharmacology	3
		X	COLL420 Leadership	3
		X	PHIL310 Philosophy & Contemporary Life	3
		X	COLL320 Scholarly Project II	3*
X	X		ECON210/220 Micro/Macroeconomics	3
<i>Total Credits</i>				<b>15</b>

**Total Credits at CHS 100**

## Courses Taken at CNSU College of Pharmacy

PRQ (1)	GE (2)	CPR (3)	FALL Year 4	
			PBS601 Cell & Molecular Biology & Biochem.	5
			PBS603 Medicinal Chem. & Physical Pharm.	5
			PBS605 Biopharm. Drug Deliv. & Calculations	5
			IPP607 Intro to Pharm Practice & Profession.	2
			PRC609 Longitudinal Practicum I	1
<i>Total Credits</i>				<b>18</b>

PRQ (1)	GE (2)	CPR (3)	SPRING Year 4	
			PBS602 Pathophysiology & Pharmacology I	6
			PBS604 Pharmacokinetics	4
			CAS606 Biostatistics & Pharmacoepidem.	3
			CAS608 Self Care	4
			PRC610 Longitudinal Practicum	2
<i>Total Credits</i>				<b>19</b>

**TOTAL CREDITS 137**

(1) College of Pharmacy prerequisite courses.

(2) Meets General Education (GE) requirements.

(3) Combined Programs Requirements (CPR) – Courses required in this specific combined degree program. Many of these requirements also satisfy the Bachelor of Science degree requirements.

\*3 units of credit will be given only once for COLL320.

This curriculum is subject to change without notice.

Last edited 03/14/2019

Please note: If you are planning on applying for Health Professions Programs outside CNSU, check their specific prerequisites to make sure your planned curriculum is aligned with their requirements.



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## General Education Requirements:

Area	Courses/(credits)	Met (Term)	Planned (Term)
<b>Written Communication</b> <i>(Must have at least 6 credits)</i>	ENGL 110 (3) ENGL 120 (3)		
<b>Oral Communication</b> <i>(Must have at least 3 credits)</i>	COMM 110 (3)		
<b>Information Literacy</b> <i>(Must have at least 3 credits)</i>	ENGL 120 (3)		
<b>Critical Thinking</b> <i>(Must have at least 3 credits)</i>	ENGL 120 (3)		
<b>Scientific Inquiry &amp; Quantitative Reasoning</b> <i>(Must have at least 4 credits from each sub-area. Must complete 6 credits of Mathematics)</i>	<u>Biology</u> – BIOL 110+L (4)		
	<u>Chemistry</u> – CHEM 110+L (4)		
	<u>Mathematics</u> – MATH 120 (3); MATH 130 (3)		
<b>Liberal Arts</b> <i>(Must have at least 3 credits from each sub-area. Must complete both COLL 210 and COLL 220)</i>	<u>Fine Arts</u> – ARMU 110/120 (3)		
	<u>Humanities</u> – ANTH 120 (3)		
	<u>Social Sciences</u> – PSYC 110 (3); ECON 210 (3); SOCL110 (3)		
	<u>Service Learning</u> – COLL 210 (2); COLL 220 (2)		

## CHS Program Area Requirements:

Area	Courses/(credits)	Met (Term)	Planned (Term)
<b>Core Sciences &amp; Mathematics</b> <i>(Must have at least 3 credits)</i>	BIOL 310+L (4); BIOL 340 (3); BIOL 420 (3); CHEM 310 (3)		
<b>Arts &amp; Humanities</b> <i>(Must have at least 3 credits)</i>	HUMN 410 (3); PHIL 310 (3)		
<b>Critical &amp; Systemic Thinking</b> <i>(Must have at least 3 credits)</i>	COLL 320 (3); PSYC 410 (3); PSYC 430 (3); SOCL 410 (3)		
<b>Professionalism</b> <i>(Must have at least 3 credits)</i>	COLL 420 (3)		
<b>Social Accountability &amp; Community Service</b> <i>(Must take both COLL 210 and COLL 220)</i>	COLL 210 (2) COLL 220 (2)		

Students must earn 120 credit hours in college level coursework or equivalents.

Students must earn a minimum of 34 credit hours while completing general education area requirements.

Students must earn a minimum of 36 upper division (300 and 400 level) credit hours while completing program area requirements.

## COP Requirements

BIOL 110+L	CHEM 120+L	BIOL 340 or CHEM 310	PHYS 210+L
BIOL 120+L	ENGL 110	CHEM 210+L	PHYS 220+L
CHEM 110+L	ENGL 120	CHEM 220+L	

## COP Recommended Coursework

PSYC 110	BIOL 230
BIOL 210+L	
BIOL 220+L	