

3 + 2 BS-MPS Curriculum Plan 2019-2020

PRQ (1)	GE (2)	CPR (3)	SUMMER Year 1	
	X		ARMU110/120 Art/Music Appreciation	3
			CHEM100 Principles of General Chemistry	1
			COLL105 HC Student Success Seminar	1
	X		COMM110 Oral Communication	3
<i>Total Credits</i>				8

PRQ (1)	GE (2)	CPR (3)	FALL Year 1	
	X		BIOL110/L Biology I w/ Lab	4
X	X		CHEM110/L General Chemistry I w/ Lab	4
	X		MATH120 Applied Statistics	3
	X		ENGL110 English Composition I	3
	X		PSYC110 General Psychology	3
<i>Total Credits</i>				17

PRQ (1)	GE (2)	CPR (3)	SUMMER Year 2	
		X	BIOL210/L Human Anatomy w/ Lab	4
			COLL110 Medical Terminology	2
			CHEM200 Principles of Organic Chemistry	1
<i>Total Credits</i>				7

PRQ (1)	GE (2)	CPR (3)	FALL Year 2	
		X	BIOL220/L Human Physiology w/ Lab	4
X			CHEM210/L Organic Chemistry I w/ Lab	4
	X	X	COLL210 Foundations of Service Learning	2
	X		ANTH210 Cultural Anthropology	3
			MATH120 Applied Statistics	3
<i>Total Credits</i>				13 or 16

PRQ (1)	GE (2)	CPR (3)	FALL Year 3	
		X	BIOL310/L General Microbiology with Lab	4
		X	CHEM310 Biochemistry	3
X			PHYS210L Physics I w/ Lab	4
		X	COLL310 Research Methods	3
<i>Total Credits</i>				14

PRQ (1)	GE (2)	CPR (3)	SPRING Year 1	
		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		ENGL120 English Composition II	3
<i>Total Credits</i>				14

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	PHIL310 Philosophy & Contemporary Life	3
	X		ECON210 Macroeconomics	3
	X	X	COLL220 Service Learning Practicum	2
<i>Total Credits</i>				15

PRQ (1)	GE (2)	CPR (3)	SPRING Year 3	
X			BIOL340 Immunology	3
		X	COLL420 Leadership	3
X			BIOL430 Pharmacology	3
		X	COLL320 Scholarly Project II	3*
<i>Total Credits</i>				12

Total Credits at CHS	100 or 103
Upper Division Credits	25

Courses Taken with the Masters in Pharmaceutical Sciences

PRQ (1)	GE (2)	CPR (3)	FALL Year 4	
			MPS501 (1) Intro to Pharmaceutical Sci.	5
			MPS502 (2) Techniques in Pharmac. Sci.	2
			MPS504 Literature and Technical Writing	3
			MPS505 Journal Club & Graduate Seminar	1
<i>Total Credits</i>				11

PRQ (1)	GE (2)	CPR (3)	SPRING Year 4	
			MPS501 (1) Intro to Pharmaceutical Sci.	6
			MPS502 (2) Techniques in Pharmac. Sci.	2
			MPS503 Biostatistics & Research Methd.	3
			MPS505 Journal Club & Grad. Seminar	1
<i>Total Credits</i>				12

TOTAL CREDITS	123 or 126
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- (1) Masters in Pharmaceutical Sciences 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 depending on when the course is completed

This curriculum is subject to change without notice.

Last edited 03/14/2019



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General Education Requirements:

Area	Courses/(credits)	Met (Term)	Planned (Term)
Written Communication <i>(Must have at least 6 credits)</i>	ENGL 110 (3) ENGL 120 (3)		
Oral Communication <i>(Must have at least 3 credits)</i>	COMM 110 (3)		
Information Literacy <i>(Must have at least 3 credits)</i>	ENGL 120 (3)		
Critical Thinking <i>(Must have at least 3 credits)</i>	ENGL 120 (3)		
Scientific Inquiry & Quantitative Reasoning <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)		
Liberal Arts <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)
Core Sciences & Mathematics <i>(Must have at least 3 credits)</i>	BIOL 310+L (4); BIOL 340 (3); BIOL 420 (3); CHEM 310 (3)		
Arts & Humanities <i>(Must have at least 3 credits)</i>	HUMN 410 (3); PHIL 310 (3)		
Critical & Systemic Thinking <i>(Must have at least 3 credits)</i>	COLL 320 (3); PSYC 410 (3); PSYC 430 (3); SOCL 410 (3)		
Professionalism <i>(Must have at least 3 credits)</i>	COLL 420 (3)		
Social Accountability & Community Service <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.