

B.S. Pharmaceutical Sciences

Year 1					
Fall Semester			Credits		
BIO 111	General Biology I		4		
CHE 111	General Chemistry I		4		
HUM 115	Voice and Identity		3		
PSC 110	Scientific Reasoning and Analysis 1		2		
PSC 115	Survey of Pharmaceutical Sciences		1		
Note: * Students must take either PSY 101 (Fall) OR SOC 101 (Spring) in either semester Year 1					
	Total		14-17		

Spring Semester			Credits		
BIO 121	General Biology II		4		
CHE 121	General Chemistry II		4		
HUM 1XX	Humanities Selective 1		3		
PSC 111	Scientific Reasoning and Analysis 2		2		
PSY101 OR SOC101	General Psychology or Sociology*		3		
Note: * Students must take either PSY 101 (Fall) OR SOC 101 (Spring) in either semester Year 1					
	Total		13-16		

Year 2					
Fall Semester			Credits		
CHE 211	Organic Chemistry I		4		
HUM 2XX	Humanities Selective 2		3		
MAT 121	Calculus I		4		
PHY 212	College Physics I		4		
PSC 112	Scientific Reasoning and Analysis 3		2		
	Total		17		

Spring Semester			Credits		
CHE 221	Organic Chemistry II		4		
MAT 145	Elementary Statistics		3		
	Directed Elective		7		
	General/Humanities Elective		3		
	Total		17		

Year 3					
Fall Semester			Credits		
PSC 309	Pharmaceutical Analytical Techniques I		3		
PSC 311	Biochemistry		3		
PSC 321	Pathophysiology I		4		
PSC 369	Molecular Foundations of Drug Action I		3		
	General/Humanities Elective		3		
	Total		16		

Spring Semester			Credits		
PSC 310	Pharmaceutical Analytical Techniques II		3		
PSC 312	Molecular Biology		3		
PSC 322	Pathophysiology II		4		
PSC 371	Pharmacology I		3		
	Directed Elective		3		
	Total		17		

Year 4					
Fall Semester			Credits		
PSC 409	Capstone*		3		
PSC 410	Thesis I*		3		
	Directed Elective		6		
	General/Humanities Elective		5		
Note: * Students take either PSC410 and PSC411 (6 credits) OR PSC 409 and Capstone Elective (6 credits)					
	Total		14		

Spring Semester			Credits		
PSC 411	Thesis II*		3		
	Capstone Elective*		3		
	Directed Elective		6		
	General/Humanities Elective		6		
Note: * Students take either PSC410 and PSC411 (6 credits) OR PSC 409 and Capstone Elective (6 credits)					
	Total		15		

TOTAL CREDITS = 125

Questions?

Office of Admissions 518-694-7221

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Total Credit Hours B.S. Pharmaceutical Sciences

Course Number	Course Title	Course Credits
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	Required: Biological Sciences	28
BIO 111	General Biology I	4
BIO 121	General Biology II	4
PSC 311	Biochemistry	3
PSC 312	Molecular Biology	3
PSC 321	Pathophysiology I	4
PSC 322	Pathophysiology II	4
PSC 369	Molecular Foundations of Drug Action I	3
PSC 371	Pharmacology I	3
	Required: Physical Sciences and Math	33
CHE 111	General Chemistry I	4
CHE 121	General Chemistry II	4
CHE 211	Organic Chemistry I	4
CHE 221	Organic Chemistry II	4
MAT 121	Calculus I	4
MAT 145	Elementary Statistics	3
PHY 212	College Physics I	4
PSC 309	Pharmaceutical Analytical Techniques I	3
PSC 310	Pharmaceutical Analytical Techniques II	3
	Required: Communications and Humanities	12
HUM 115	Voice and Identity	3
HUM 1xx	Humanities Selective 1	3
HUM 2xx	Humanities Selective 2	3
PSY 101*	General Psychology	3
SOC 101*	Intro to Sociology	3
	Required: Interdisciplinary/Research	13
PSC 110	SRA 1	2
PSC 111	SRA 2	2
PSC 112	SRA 3	2
PSC 115	Survey of Pharmaceutical Sciences	1
PSC 409	Capstone +	3
PSC 410	Thesis I +	3
PSC 411	Thesis II +	3
	Capstone Selective +	3
	Required: Electives	39
DIR	Directed elective minimum	22
GEN	General Ed elective minimum	8
HUM	Humanities elective minimum	9
Total credit hours for B.S. Pharmaceutical Sciences degree:		125
<i>NOTES: * indicates students should select ONE of the potential courses to complete the requirement; + indicates students should either complete PSC410 & PSC411 or PSC409 & 3-credit Capstone Selective</i>		