



**BS/MS Pharmaceutical Sciences Track (Project)**  
**Effective SUMMER 2020**

YEAR FOUR					
Fall Courses		Hours	Spring Courses		Hours
PMCY 6200*	Pharm'kinetics & Pharm'dynamics	3	PMCY 6300*	Medicinal Chemistry	3
PMCY 6500 *	Pharm Drug Development	3	PMCY 6600*	Biological Therapeutics	3
PMCY 6500L*	Pharm Drug Development Laboratory	1	PMCY 6510*	Adv Drug Delivery Systems	3
PMCY 4960	Pharmaceutical Sciences Research I	2	PMCY 6510L*	Adv Drug Delivery Systems Lab	1
Major Elective		3	PMCY 4970	Pharmaceutical Sciences Research II	2
Major Elective		3	ENGL 3590W	Technical and Professional Comm	3
<b>Total</b>		<b>15</b>	<b>Total</b>		<b>15</b>

\*For DD program - only 12 credit hours will be counted towards MS, you can choose the remaining as 4XXX level

Summer Courses	Hours
PHRM 7080 Pharmaceutical Sciences Internship <b>OR</b>	6
PHAR 6800 Applied Project in Reg Affairs	3
PHAR 7100E Biostatistical Appl for Pharm Biotech Ind	3
<b>Total</b>	<b>6/9</b>

YEAR FIVE					
Fall Courses		Hours	Spring Courses		Hours
PHRM 7230E	Ethical Issues in Research	3	PHRM 8200	Pharm and Biomed Sci Seminar	1
PHRM 8200	Pharm and Biomed Sci Seminar	1	PHRM 8250	Presentation Skills	1
PHRM 8250	Presentation Skills	1	PMCY 6420E	Comp App in Drug Disc and Tox <b>OR</b>	2
PMCY 6410E	Robotics in Drug Discovery	2	PMCY 6430E	Biopharm'ceutics and Pharm'kinetics	2
PHAR 6800	Applied Project in Reg Affairs	3	PHAR 6950	Master's Seminar in Reg Affairs	6
<b>Total</b>		<b>10</b>	<b>Total</b>		<b>10</b>

**TOTAL CREDIT HOURS FOR MS - 12 + 26 = 38**

**PMCY 6410/6420/6430E – only 4 credits required**

PHAR 6800 and PHAR 6950 will be used until PHRM equivalent courses are created

PHRM 7080 / PHAR 6800 course selection needs to be discussed with the Major Advisor in the beginning of YEAR FOUR



**BS/MS Pharmaceutical Sciences Track (Thesis)**  
**Effective SUMMER 2020**

**YEAR FOUR**

Fall Courses		Hours	Spring Courses		Hours
PMCY 6200*	Pharm'kinetics & Pharm'dynamics	3	PMCY 6300*	Medicinal Chemistry	3
PMCY 6500 *	Pharm Drug Development	3	PMCY 6600*	Biological Therapeutics	3
PMCY 6500L*	Pharm Drug Development Laboratory	1	PMCY 6510*	Adv Drug Delivery Systems	3
PMCY 4960	Pharmaceutical Sciences Research I	2	PMCY 6510L*	Adv Drug Delivery Systems Lab	1
Major Elective		3	PMCY 4970	Pharmaceutical Sciences Research II	2
Major Elective		3	ENGL 3590W	Technical and Professional Comm	3
<b>Total</b>		<b>15</b>	<b>Total</b>		<b>15</b>

\*For DD program - only 12 credit hours will be counted towards MS, you can choose the remaining as 4XXX level

Summer Courses	Hours
PHRM 7000 Master's Research	3
PHAR 7100E Biostatistical Appl for Pharm Biotech Ind	3
<b>Total</b>	<b>6</b>

**YEAR FIVE**

Fall Courses		Hours	Spring Courses		Hours
PHRM 7000	Master's Research	3	PHRM 7000	Master's Research	3
PHRM 7230E	Ethical Issues in Research	3	PHRM 7300	Master's Thesis	3
PHRM 8200	Pharm and Biomed Sci Seminar	1	PHRM 8200	Pharm and Biomed Sci Seminar	1
PHRM 8250	Presentation Skills	1	PHRM 8250	Presentation Skills	1
PMCY 6410E	Robotics in Drug Discovery	2	PMCY 6420E	Comp App in Drug Disc and Tox	2
			PMCY 6430E	Biopharm'ceutics and Pharm'kinetics	2
<b>Total</b>		<b>10</b>	<b>Total</b>		<b>10</b>

**TOTAL CREDIT HOURS FOR MS - 12 + 26 = 38**

**PMCY 6410/6420/6430E – only 4 credits required**

PHRM 7000/7300 course selection needs to be discussed with the Major Advisor in the beginning of YEAR FOUR