

MS PHARMACEUTICAL SCIENCES INDUSTRIAL PHARMACY OPTION

(CURRENT PROGRAM: 30-32 credit hours)

FIRST YEAR (FALL SEMESTER)	FIRST YEAR (SPRING SEMESTER)
PHPR 5720 Pharmaceutical Rate Process3 CHEM 6300 Advanced Analytical Chemistry.....4 Elective.....2 Total Hours9	PUBH 6000 Biostatistics..... 3 PHPR 6860 Advanced Drug Delivery Lab..... 2 MBC 5100.....1 PHPR 6960 MS Thesis Research3 Total Hours9
SUMMER	PHPR 6960 MS THESIS Research.....2-4
SECOND YEAR (FALL SEMESTER)	SECOND YEAR (SPRING SEMESTER)
PHCL 5760 Toxicokinetics.....3 PHPR 5770 Advanced Drug Delivery Systems I..... 3 PHPR 6960 MS Thesis Research2 PHPR 6950 Seminar1 Total Hours9	PHPR 6960 MS Thesis Research1 Total Hours1

MS PHARMACEUTICAL SCIENCES INDUSTRIAL PHARMACY OPTION

(REVISED VERSION: 30-32 credit hours)

FIRST YEAR (FALL SEMESTER)	FIRST YEAR (SPRING SEMESTER)
PHCL 5760 Toxicokinetics.....3 PHPR 5770 Advanced Drug Delivery Systems I.....3 PHPR 6960 MS Thesis Research2 PHPR 6950 Seminar1 Total Hours9	PUBH 6000 Biostatistics..... 3 PHPR 6860 Advanced Drug Delivery Lab..... 3 PHPR 6960 MS Thesis Research3 Total Hours9
SUMMER	PHPR 6960 MS THESIS Research.....1-3 MBC 5100 Practices in Pharmaceutical Research.....1
SECOND YEAR (FALL SEMESTER)	SECOND YEAR (SPRING SEMESTER)
CHEM 6300 Advanced Analytical Chemistry.....4 PHPR 5720 Pharmaceutical Rate Process3 Elective.....2 Total Hours9	PHPR 6960 MS Thesis Research1 Total Hours1

Electives		
Course number	Course title	Credit hours
PHPR 5780	Advanced drug delivery systems-II	2
PHPR 5700	Equilibrium Phenomenon	2
MBC 5620	Biochemical Techniques	2
PHPR 5710	Selected topics in Pharmaceutical Technology	2-3
PHPR 5990	Problems in Pharmacy Practice	1-6
PHPR 6530	Research methods in pharmacy practice	2
CHEM 6810	Material sciences- I	4
CHEM 6310	Separation methods	2-4

- 1) *6 thesis credit hours are the required minimum; more than 6 credit hours can be taken.
- 2) **Elective must be satisfied by taking courses within the PHPR Department.