

MASTER OF PHARMACEUTICAL ENGINEERING

Curriculum

Code	Title	Credit Hours
Core Courses		(12)
CHE 506	Entrepreneurship & IP Mgmt	3
CHE 577	Bioprocess Engineering	3
CHE 583	Pharmaceutical Engineering	3
CHE 585	Drug Delivery	3
Elective Courses		(18)
Select 18 credit hours from the following courses:		18
BIOL 515	Molecular Biology	3
BME 516	Biotechnology for Engineers	3
BME 525	Introduction to Medical Device	3
CHE 426	Statistical Tools Engineers	3
CHE 508	Process Dsgn Optimization	3
CHE 545	Metabolic Engineering	3
CHE 551	Advanced Tnsport Phenomena	3
CHE 560	Ststcl Qlty Process Control	3
CHE 580	Biomaterials	3
CHE 582	Intfcl Clldl Phmna Applctn	3
CHE 593	Seminar in Chemical Engrng (may be taken twice)	1
CHE 594	Special Projects	3-6
MMAE 556	Nano Manufacturing	3
MMAE 561	Solidification & Crystal Grwth	3
Total Credit Hours		30