

Table 5, Thesis Track, Master of Science in Pharmaceutical Sciences



M.S. Pharmaceutical Sciences, Thesis Track

Year 1					
Fall Semester			Credits	Spring Semester	
ETH 610	Ethics in Research	1		PSC 651	Pharmaceutical Sciences Journal Club
PSC 631	Foundations of Pharmaceutical Sciences	3		PSC 761	Thesis Research
PSC 651	Pharmaceutical Sciences Journal Club	1			Core Course* or Elective
PSC 661	Research Rotation	2			Core Course* or Elective
PSC 672	Experimental Design and Data Analysis	2			
	Total	9			Total

Year 2					
Fall Semester			Credits	Spring Semester	
PSC 761	Thesis Research	3		PSC 761	Thesis Research
	Core Course* or Elective	3			Core Course* or Elective
	Core Course* or Elective	3			
	Total	9			Total

TOTAL CREDITS = 33

*Students in the MS Pharmaceutical Sciences program must select at least two courses from the list of currently offered core courses below. More than two can be selected, which will then be counted as electives.

List of Core Courses, M.S.P.S.		
Code	Course Name	Credits
PSC 620	Downstream Processing of Biopharmaceutical Products	3
PSC 646	Regulatory Science	3
PSC 733	Pharmacology and Molecular Genetics of Cancer	3
PSC 757	Quantitative Drug Design	3

List of Elective Courses, M.S.P.S.		
Code	Course Name	Credits
BHS 750	Flow Cytometry	3
BIO 630	Advanced Cell Biology	3
BIO 631	Mammalian Cell Culture	3
BIO 635	Cell Death and Disease	3
PSC 609	Pharmaceutical Analytical Techniques I	3
PSC 610	Pharmaceutical Analytical Techniques II	3
PSC 624	Industry Pharma & Biopharma Entrepreneurship	3
PSC 625	Clinical Biochemistry	3
PSC 641	Advanced Pharmaceutics	3

Questions?

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