

Table 6, Capstone Track, Master of Science in Pharmaceutical Sciences



M.S. Pharmaceutical Sciences, Capstone Track

Year				
Fall Semester			Credits	
ETH 610	Ethics in Research		1	
PSC 631	Foundations of Pharmaceutical Sciences		3	
PSC 651	Pharmaceutical Sciences Journal Club		1	
PSC 661	Research Rotation		2	
PSC 672	Experimental Design and Data Analysis		2	
	Total		9	

Spring Semester			Credits	
	Core Course* or Elective		3	
	Core Course* or Elective		3	
	Core Course* or Elective		3	
	Total		9	

Year 2				
Fall Semester			Credits	
	Core Course* or Elective+		3	
	Core Course* or Elective		3	
	Core Course* or Elective		3	
+ PSC 609 Pharmaceutical Analytical Techniques I highly recommended				
	Total		9	

Spring Semester			Credits	
PSC 750G	Capstone		3	
	Core Course* or Elective+		3	
+ PSC 611 Pharmaceutical Analytical Techniques II highly recommended				
	Total		6	

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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