

Physics (PHYS) Ph.D. Program (60 credit hours)

1st year		2nd year		3rd year		4th year +	
Fall	Spring	Fall	Spring	Fall	Spring	Fall	Spring
6150 Math. Physics	6100 Research Sem.	6230 Quantum Mech. II	6240 Stat. Mech.	67x0**	67x0**	7300**	7300**
6200 Comput. Physics	6220 Quantum Mech. I	6630 E & M II	67x0**	68x0 (3 or 6 CH)	68x0 (3 or 6 CH)	** Student must have 45 CH before enrolling in 7300. ** The Doctoral Candidacy form must be approved prior to enrollment in 7300.	* Student is strongly advised to meet with committee at least once per year through to the final defense.
6300 Classical Mech.	6620 E & M I	OR course approved by grad. programs advisor for example: PHYS 6010 or 5980		OR course approved by grad. programs advisor			
(8 CH)	(7 CH)	(6 CH)	(6 CH)	(6 CH)	(6 CH)	(3 CH)	(3 CH)

** Must take at least one: 6700, 6710, 6720.		DPP = Dissertation Proposal Presentation	
Summer I or II course: PHYS 6010 (Introduction to Current Physics Research), or course approved by graduate programs advisor.	Summer I or II Comprehensive Exam (usually in June) course: PHYS 6010 or course approved by graduate programs advisor.	Summer I or II course: PHYS 7300 (if 45+ CH and an approved doctoral candidacy form) or PHYS 68x0 (to reach 45 CH)	**Request permission to under-enroll. A minimum of 15 CH of 7300 must be completed. Student must be enrolled in the semester/term of graduation .

Notes: (1) Required course work = 27 CH; an additional 18 CH must be taken to reach 45 CH.
 (2) A maximum of 4 CH of PHYS 5980 may be counted in program of study. (3) Course work below the 5000-level requires a permission form and approval by the graduate programs advisor and department chair.