

PHYSICS Doctorate (AC - Application for Candidacy)
-- 48 hours required (in addition to the 18 dissertation hours)

Taken	Courses	Listing	Credit hours	Semester taken / faculty / comments
-	Methods of Theoretical Physics I/II	PHYC 466	3	
-	Statistical Mechanics and Thermodynamics	PHYC 505	3	
-	Electrodynamics I	PHYC 511	3	
-	Quantum Mechanics I	PHYC 521	3	
-	Quantum Mechanics II or Advanced Astrophysics II	PHYC 522 or PHYC 537	3 3	
Elective Course Requirements				
	Four Advanced Graduate Courses <i>Must be standard grade not CR/NC</i>		12 (3hr each)	
	All regular 3-hr 400-level available for GR credit (has * by #) & 500's EXCEPT 406-E&M II and 491/492 Inter QM I & II- but some outside dept can be OK'd by advisor			
Seminar Course Requirements				
	Research (chair's seminar)	PHYC 500		
	Colloquium	PHYC 500		
	1 research seminar with oral presentation	PHYC 500		
	Dissertation	699	3-12	18 hours - put semester starting 699 on AC – leave grade blank

Once a student begins enrollment in 699, s/he must enroll in 699 every term (summer term excluded, except if graduating in summer) until manuscript is accepted by OGS.

Others	Listing	Credit hours	Res. Seminar/Problems
Research	PHYC 650	1-12	Maximum of 24
Problems	PHYC 551/552	1-4	Maximum of 16

NOTES: _____

