



## Doctor of Philosophy in Physics Curriculum Overview

Start Term: FALL/SPRING \_\_\_\_\_

Student Name: \_\_\_\_\_ G#: \_\_\_\_\_

PHYS Core Requirements (12 credits)	Cr Hrs	Grade	Semester
1. PHYS 684 (Quantum Mechanics I)	3		
2. PHYS 685 (Electromagnetic Theory I)	3		
3. PHYS 705 (Classical Mechanics)	3		
4. PHYS 711 (Statistical Mechanics)	3		
<b>PHYS or ASTR Electives<sup>1</sup> (6 credits)</b>			
PHYS 784 (Quantum Mechanics II)	3		
PHYS 785 (Electromagnetic Theory II)	3		
ASTR 680 (Physics of Interstellar Media)	3		
ASTR 730 (Stellar Astrophysics)	3		
<b>PHYS Seminars<sup>2</sup> (3 credits)</b>			
1. PHYS 703	1		
2. PHYS 703	1		
3. PHYS 703	1		
<b>General Electives/Preliminary Research<sup>3</sup> (27 credits)</b>			
1.			
2.			
3.			
4.			
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6.			
7.			
8.			
9.			
<b>Dissertation Research (PHYS 998/999)<sup>4</sup> (24 credits)</b>			
1.			
2.			
3.			
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5.			
6.			

<sup>1</sup>PHYS & ASTR electives must be approved by your Graduate or Dissertation Advisor.

<sup>2</sup>No more than one credit of PHYS 703 can be taken in a single semester.

<sup>3</sup>Preliminary Research Credits can be taken as PHYS 796.

<sup>4</sup>A minimum of 24 credits of PHYS 998/999 are required