Physics PhD Degree Requirements & Recommended Timeline

	YEAR 1		YEAR 2		YEARS 3-5
	Fall (12 units)	**Spring (12 units)**	**Fall (12 units)**	**Spring (12 units)**	
CORE COURSES	☐ **PHYS 202 (1 unit)** *Foundations of Physics* ☐ **PHYS 210 (4 units)** *Electrodynamics and Optics I* ☐ **PHYS 205 (4 units)** *Classical Mechanics*	☐ **PHYS 237 (4 units)** *Quantum Mechanics I* ☐ **PHYS 212 (4 units)** *Statistical Mechanics*	☐ **PHYS or NatSci/SoE Grad Elective (3-4 units)** **One elective must be outside primary research area*	☐ **PHYS or NatSci/SoE Grad Elective (3-4 units)** **One elective must be outside primary research area*	☐ **Advanced to Candidacy by Year 3** ☐ **PHYS or NatSci/SoE Grad Elective (3-4 units)** **Only if elective requirements have not been fulfilled in Year 2*
RESEARCH	☐ **PHYS 295 (1 unit)** *Graduate Research*	☐ **PHY 295 (3 units)** *Graduate Research*	☐ **PHYS 295 (6-7 units)** *Graduate Research*	☐ **PHYS 295 (7-8 units)** *Graduate Research*	☐ **PHYS 295 (varies)** *Graduate Research* *(each semester)* **Fill 12 unit per semester requirement*
SEMINARS	☐ **PHYS 293 (1 unit)** *Physics Colloquium*	☐ **PHYS 293 (1 unit)** *Physics Colloquium*	☐ **PHYS 293 (1 unit)** *Physics Colloquium*	☐ **PHYS 293 (1 unit)** *Physics Colloquium*	☐ **PHYS 293 (1 unit)** *Physics Colloquium* **Only if seminar requirements have not been fulfilled*
OTHER COURSES	☐ **PHYS 251 (1 unit)** *Introduction to Graduate Research*		☐ **QSB 295 (1 unit)** *Responsible Conduct Research*		
ADDITIONAL REQUIREMENTS	☐ **TA Assignment** *Must serve at least one semester*	☐ **Confirmed Advisor** *By end of 1st year* ☐ **Progress Report** *Respond to Grad Division request for Annual Report* ☐ **Form Committee** *Recommended by the end of 1st year*	☐ **Assemble Committee** *By 3rd semester* ☐ **Pass Pre-Qualifying Exam** *Must pass by end of 2nd year* ☐ **Begin holding Annual Meetings with Committee** *Every year*		☐ **Publish peer-reviewed manuscript(s) and/or Present work at Conference(s)** **Recommended but not required* ☐ **Apply for Graduation** ☐ **Pass Dissertation Defense** ☐ **Submit Thesis**