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 210 (4 units)** *Electrodynamics & Optics 1* and ☐ **PHYS 205 (4 units)** *Classical Mechanics*	☐ **PHYS 237 (4 units)** *Quantum Mechanics 1* and ☐ **PHYS 212 (4 units)** *Statistical Mechanics*			☐ **Advance to Candidacy** *in Year 3*
ELECTIVES					☐ **PHYS Grad Elect (3-4 units)** ☐ **PHYS or NatSci/SoE Grad Elect (3-4 units)** *One elective must be outside primary research area*
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*	
OTHER COURSES	☐ **PHYS 251 (1 unit)** *Introduction to Graduate Research*		☐ **QSB 294 (1 unit)** *Responsible Conduct of Research*		
RESEARCH	☐ **PHYS 295 (2 units)** *Graduate Research* **(1st Lab Rotation)**	☐ **PHYS 295 (3 units)** *Graduate Research* **(2nd Lab Rotation)**	☐ **PHYS 295 (6-7 units)** *Graduate Research*	☐ **PHYS 295 (7-8 units)** *Graduate Research*	☐ **PHYS 295 (12 units)** *Graduate Research (each semester)*
TIMELINE FOR ADDITIONAL REQUIREMENTS	☐ **Select Advisor** *by end of 1st year* ☐ **TA Assignment** *must serve at least one semester* ☐ **Pass Preliminary Exam (offered twice annually)** *may attempt 4 times, must pass by start of 4th semester*		☐ **1st Committee Meeting** ☐ **Pass Qualifying Exam** *may attempt 2 more times, must pass by end of 3rd year* ☐ **Assemble Committee** *by 3rd semester*		☐ **Publish peer-reviewed manuscript(s) and/or Present work at scientific conference(s)** *recommended but not required* ☐ **Apply for Graduation** ☐ **Pass Dissertation Defense** ☐ **Submit Manuscript**

Student Name

Date

Last reviewed 5/7/2020