Graduate Student Timeline -- Target Dates

Although each student takes a unique path through graduate school, these targets for achieving various milestones may be useful. See below for more details on coursework, exam, and research timing, including deadlines for acceptable progress. If you think you may not meet the deadlines, talk to Angela to learn more about your options.

First Year

• Complete required core classes (200ABC, 215AB, 219A)

• Explore research areas through colloquium, Physics 295 (Winter), informal discussions

• Spring: Take extra courses and/or begin trial research projects with prospective advisor

• Spring: Prepare and take Preliminary exam

• Summer: Find a research advisor

• Summer: Study for Preliminary Examination, if not passed earlier

Second Year

• Fall: Pass Preliminary Examination and earn a Masters degree

• Complete cluster courses (varies by specialization)

• Continue working with research group

• Preliminary exams should be passed in Spring, if not already done so.

• Prepare for Qualifying Examination

Third Year

• Fall: Pass Qualifying Examination and advance to candidacy

• Continue research

Fourth and Fifth Years

• Continue research and begin publishing papers
Normal progress

Sixth Year

• Write dissertation and graduate
• Apply for postdoctoral positions or other jobs

Coursework

Core classes (200ABC, 215AB, 219A, 215C/230A (for most students)) - first year

Cluster classes (vary by specialization) - second year

Possible reasons for exceptions

Taking missing undergraduate coursework in first year in place of some core classes

Taking advanced classes in first year if exempted from some core classes

Delaying one or more core classes to the second year in order to take research-related courses that are not offered each year or are particularly valuable in starting research

Deadlines for acceptable progress

Completing core classes (200ABC, 215AB, 219A) - first year

Completing cluster classes (vary by specialization) - third year

Exams

Preliminary examination - pass by Spring Quarter of second year

Qualifying examination - pass by December of third year

Possible reasons for exceptions, qualifying examination

Required cluster courses not available before December deadline
**Normal progress**

Difficulties scheduling a date that works for entire committee

Change of research area after winter of the second year

**Deadlines for acceptable progress**

Preliminary examination - pass by Spring quarter of second year. In rare cases students may receive an extension to the beginning of the third year.

Qualifying examination - attempt by June of third year; pass before the beginning of the fourth year. *The qualifying exam deadline has financial consequences, which are especially strict for international students.*

**Research**

Explore research areas through colloquium, Physics 295, trial projects - first year

Begin attending research group meetings/ trial project - spring of first year

Select research adviser, begin research - summer after first year

Prepare for qualifying exam - second year; allow one full year after beginning research

Publish initial work - fourth year; may vary significantly

Complete research for dissertation - fifth year; may vary significantly

Write dissertation - sixth year; allow at least 6 months and preferably 1 year

**Possible reasons for exceptions**

Beginning research later to commit more time for preliminary exam studying in the summer after the first year

Needing additional coursework before beginning in the chosen research area

Exploring several groups concurrently to select the best fit

Changing research group or area after an initial trial
Normal progress

Working on research involving significant initial construction or programming efforts, so that publishable results occur later in graduate school

Deadlines for acceptable progress

Select research adviser - June of second year

Prepare for qualifying exam - third year; allow at least 6 months from starting research

Complete dissertation - end of eighth year. For many students funding issues arise before 8 years. International students who do not finish within 5 years of passing the qualifying examination face severe financial consequences.