

The Robotics Institute

Doctoral (PhD) Program Checklist

Academic Year One

ITA Language Certification

From August onward and until satisfied, non-native English speakers obtain a required score of Pass or Restricted One
<https://www.cmu.edu/icc/language-certification/index.html>

Match Form

By mid-October
Submit the Research Advisor Match Form

Specialized Qualifier Approval

By May / Spring Doctoral Student Review
Any course completed prior to approval is at risk and may not be deemed eligible for the qualifier
<https://roboguide.ri.cmu.edu/ri-phd-specialized-qualifier.html>

Academic Year Two

Research Qualifier Committee

By December / Fall Doctoral Student Review
Form Research Qualifier Committee: three faculty members and one Robotics Ph.D. student
<https://roboguide.ri.cmu.edu/phd-research-qualifier-committee/>

Academic Year Three

Complete Core Course Qualifier (48 units)

Perception: 16-720 or 16-722
Cognition: 10-701, 15-780 or 10-715
Action: 16-741 or 16-711
Math: 16-811

Complete Specialized Qualifier

A sequence of courses totaling at least 48 units of graduate coursework

Complete Research Qualifier

Research Skills
Speaking Skills
Writing Skills
Teaching Assistant in two (2) courses

Academic Year Four

Thesis Proposal

By May / Spring Doctoral Student Review
<https://www.ri.cmu.edu/wp-content/uploads/2021/09/Procedures-for-Thesis-Proposal-AY-2021-22.pdf>

Academic Year Five

Draft of Thesis Document

Thesis Defense

Procedures for Thesis Defense
<https://www.ri.cmu.edu/wp-content/uploads/2021/12/Procedures-for-Thesis-Defense.pdf>

Procedures for After Thesis Defense
<https://www.ri.cmu.edu/wp-content/uploads/2021/12/Student-Procedures-for-After-the-Thesis-Defense.pdf>