Program Student Learning Outcomes

College:  Arts & Science
Program:  Physics, PhD

Upon completion of the Ph.D. in Physics, students should be able to:

• Analyze a wide array of problems using standard techniques without needing to access external resources. The core areas are:
  • Classical Mechanics
  • Statistical Mechanics
  • Electrodynamics
  • Quantum Mechanics
  • Astrophysics (if appropriate)

• Interpret and present current research topics, both orally and in writing. This has been traditionally called “the specialist exam.”

• Contribute substantively to modern research, both in writing and through participation in conferences.