

Physics (MA)

The Department of Physics has active research groups in ten main areas of current physics research: atomic, molecular, and optical physics; classical physics; nuclear physics; statistical and thermal physics; fusion plasma physics and high energy density plasma physics; condensed matter physics; biophysics; nonlinear dynamics; gravitation and cosmology; and elementary particle physics. In most of these fields both experimental and theoretical work is in progress.

Graduate Handbook

Graduate handbook information is updated and maintained by each program. Graduate handbooks are available within each program's office and [online](#). Please contact the program with concerns or questions.

Admission

It is assumed that the student has an undergraduate background that includes upper-division classical mechanics, electricity and magnetism, statistical mechanics and thermodynamics, and quantum mechanics.

Total Hours Required: 30

Requirements

The Master of Arts is not a part of the qualifying process for the doctoral degree. First-year students plan the first semester registration with the graduate advisor in physics. Students are encouraged to investigate all research groups in the department before selecting a professor to supervise a thesis project. The degree plan is then designed by the student, the supervising professor, and the graduate advisor. The time involved for completing a master's degree is related to the quality of the student's undergraduate background: the average time for completion by students with a good undergraduate background is one calendar year and one semester.

Code	Title	Hours
All students must also follow the following requirements and policies:		
	Graduate Natural Sciences Requirements	
	Graduate University Requirements	