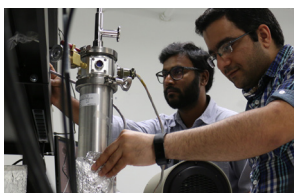




UNIVERSITY OF CENTRAL FLORIDA

PHYSICS GRADUATE PROGRAMS

[SCIENCES.UCF.EDU/PHYSICS/GRADUATE](https://sciences.ucf.edu/physics/graduate)



ATOMIC, MOLECULAR & OPTICAL

- Attosecond Physics
- Nonlinear Optics
- Ultra-Cold Collisions
- Light-Matter Interactions, Nanophotonics, and Optoelectronics



SOFT MATTER AND BIOLOGICAL

- Dynamics and micro-spectroscopy of soft matter systems
- Structure and function of proteins and biological assemblies
- Theoretical and computational soft matter and biological physics
- Molecular mechanisms of human diseases



CONDENSED MATTER

- Quantum Computation
- Topological Materials
- Nanomagnetism
- Surface Science



NANOSCIENCE

- 2D Materials
- Nanodevices
- Nanocatalysis and Fuel Cells
- Single-Molecule Magnets



PHYSICS EDUCATION RESEARCH

- Variation across physics learners
- Evaluating the efficiency of lessons
- Inclusive teaching techniques
- Tactics for online teaching



PLANETARY SCIENCES

- Remote Sensing
- Exoplanets
- Regolith and In-Situ Resource Utilization
- Microgravity and Cubesats

12

BEST AMO PROGRAMS
U.S. News and World Report

51

BEST PHYSICS SCHOOLS
(among public universities)
U.S. News and World Report

100+ Graduate Students

- 30% Female
- 29% Under-represented minority

55 Current Faculty

- 20-25 person class size

Graduate Teaching Assistantship

- Guaranteed in the first year
- Tuition waiver
- Free health insurance

All Ph.D. students are supported by teaching or research assistantships, fellowships, scholarships, or other funding.

Deadline

- Apply by January 15 for full consideration
(**International and Planetary applicants' deadline is Dec. 1st**)

UCF Department of Physics

@UCFPhysics

@UCFPhysics

UCF Women in Physics Society

@ucf.wips

@ucfwips

Note: The general GRE test is not required for admissions to this program. Applicants who have attended a University/College outside of the U.S. must provide a course-by-course credential evaluation with GPA calculation. Evaluations are accepted from World Education Services (WES) or Josef Silny & Associates, Inc.