The Department of Physics offers the Master of Science (thesis or non-thesis) and the Doctor of Philosophy degrees. The non-thesis Master of Science in Teaching is also offered. General requirements for these degrees are described in the Graduate Degrees section of this catalog. Program specific requirements are listed under Physics and can be found on our website.

Areas of specialization for graduate research include astrophysics and cosmology, atomic and molecular physics, biological physics, chemical physics, condensed matter physics (theory and experiment), nuclear physics, particle physics (theory and experiment), statistical physics, and low temperature physics.

Special interdisciplinary research programs include the Institute for Fundamental Theory (carried out jointly with the Department of Mathematics), the Institute for Theoretical and Computational Studies in Molecular and Materials Science (also known as the Quantum Theory Project or QTP, carried out jointly with Chemistry, Materials Science and Engineering, and Computer and Information Science and Engineering Departments), the Institute of High Energy and Particle Astrophysics, and Microfabritech (jointly with the College of Engineering). The Center for Condensed Matter Sciences provides opportunities for investigations in a diverse range of subjects and fields, including the Microkelvin Research Laboratory. The University of Florida operates the National High Magnetic Field Laboratory jointly with Florida State University and Los Alamos National Laboratory.

For more information, please see the program page below, and visit our website: http://www.phys.ufl.edu.

**Majors**

- Physics (http://gradcatalog.ufl.edu/graduate/colleges-departments/liberal-arts-sciences/physics/physics/)

**Faculty**

**Professor**

- Biswas, Amlan
- Cheng, Hai Ping
- Hagen, Stephen James
- Hershfield, Selman Philip
- Ingersent, James K.
- Klimenko, Serguei Grigorievich
- Korytov, Andrey
- Lee, Yoonseok
- Maslov, Dmitrii
- Matchev, Konstantin Tzvetanov
- Meisel, Mark W.
- Mueller, Guido
- Muttalib, Khandker A.
- Rinzler, Andrew Gabriel
- Stanton, Christopher Jay
- Stewart, Gregory R.
- Sullivan, Neil S.
- Takano, Yasumasa
- Woodard, Richard P.
- Yelton, John M.
- Zhang, Xiaoguang

**Associate Professor**

- Bartos, Imre
- Blecha, Laura E.
- Furic, Ivan Krešimir
- Hamlin, James Jeffrey
- Matcheva, Katia Ivandva
- Ray, Heather
- Saab, Tarek

**Assistant Professor**

- Andrews, Jeffrey J.
- Chang, Philip
- Dixit, Purushottam D.
- Fulda, Paul James
- Guan, Juan
- Jia, Chunjing
- Laroche, Dominique
- Wang, Yuxuan
- Xue, BingKan
- Xue, Wei
- Zhang, Xiao-Xiao

**Distinguished Professor**

- Hirschfeld, Peter J.
- Mitselmakher, Guenakh
- Sikivie, Pierre
- Tanner, David B.

**Research Professor**

- Konigsberg, Jacobo
- Will, Clifford Martin

**Courtesy Professor**

- Avery, Paul Ralph
- Eikenberry, Stephen Scott

**Associate Scientist**

- Steinke, Lucia

**Affiliated Faculty**

- Abernathy, Cammy
- Feng, Philip
- Hennig, Richard
Physics Department

- Mareci, Thomas H.
  Professor
- Rakov, Vladimir Aleksandrovich
  Distinguished Professor
- Roitberg, Adrian E.
  Professor
- Shabanov, Sergei
  Professor