DEPARTMENT OF

PHYSICS &

ASTRONOMY

www.physics.utah.edu

THE UNIVERSITY OF UTAH
Admission, Financial Aid, & Housing

Address admission & financial aid inquiries to:
Graduate Secretary
Department of Physics & Astronomy
115 South 1400 East, K01
Salt Lake City, UT 84112-0830
admission@physics.utah.edu

Graduate application fee required: $45.

Admission deadline (Fall semester): January 1st. Applications received thereafter are continuing to be considered on a space-available basis, up to the University deadline of April 1st.

Admission requirements: For admission to the graduate programs, a bachelor’s degree in physics, with a minimum undergraduate GPA of 3.0 is required. The subject GPA is mínimo 3.0. Students from non-English speaking countries are required to demonstrate proficiency in English via the TOEFL exam. The minimum acceptable score for admission is 100. (LBT 80, IELTS 6.5 or equivalent).

GAPSRS application required: No.

Financial aid deadline: January 1st.

Loans available: Yes.

Address housing inquiries to:
Office of Residential Living
5 Heritage Center, Salt Lake City, UT 84112
www.housing.utah.edu

Graduate student housing: housing varies from $4,000 - $5,000 per academic year including utilities and amenities such as internet, cable TV, etc.

Faculty

Distinguished Professors
Wu, Yong-Shi, Ph.D., Chinese Academy of Science, 1965. High energy physics.

Professors
Boehm, Christoph, Ph.D., Philipps-Universität Marburg, Germany, 2002. Experimental condensed matter.
Bromley, Benjamin C., Ph.D., Dartmouth College, 1994. Theoretical astrophysics.
Cassiday, George L., Ph.D., Cornell, 1968. Cosmic rays.
DeTar, Carleton E., Ph.D., California, Berkeley, 1970. Elementary particle theory.
Harris, Frank E., Ph.D., California, Berkeley, 1954. Chemical physics.
Kien, David, Ph.D., Pennsylvania, 1983 Experimental high energy astrophysics.
Springer, R. Wayne, Ph.D., Maryland, 1981. Experimental astrophysics.
Starky, Oleg, Ph.D., Russian Academy of Science, 1991. Quantum condensed matter.

Associate Professors

Research Professors
Matthews, John N., Ph.D., Rutgers, 1995. Cosmic rays.

Research Associate Professors
Brownwell, Joel, Ph.D., Perimeter Institute, 2009. Gravitational lensing, dark matter, gravity; cosmology.

Sandick, Pearl, Ph.D., Minnesota, 2008. Theoretical condensed matter.
Seth, Anil, Ph.D., Univ. of Washington, Seattle, 2006. Astronomy.

Assistant Professors
Li, Sarah, Ph.D., Univ. of California, Riverside, 2010. Physics.
Wilk, Daniel, Ph.D., Univ. of Virginia, 2010. X-ray astronomy.
Zaworski, Gail, Ph.D., University of Virginia, 2012. Galactic astrophysics.

Graduate Degree Requirements

MASTER’S: 30 graduate semester hours with a 3.0 grade average in an approved program with satisfactory performance on the Departmental Common Exam. Either thesis or non-thesis M.S. available. Master of Instrumentation: 30 graduate semester hours with a 3.2 GPA. Note that fifteen hours will be related to the instrumentation project. No language requirement. For admission, a bachelor’s degree in engineering, biology, chemistry, or some related field may be substituted for a degree in physics.

DOCTORATE: 45 graduate semester hours required. Satisfactory performance on the Departmental Common Exam or GRE Physics required for admission to Ph.D. program (no set minimum). Satisfactory performance (3.0 average) in an approved course program is required. Qualifying Exam, dissertation, and dissertation exam required. Teaching experience required, and one of last two years must be in residence. No language requirement.

OTHER PROGRAMS: Interdisciplinary studies available in chemical physics, and a variety of other areas by special arrangement. The Ph.D. program in medical physics is an interdisciplinary program in which complex medical and biological systems are studied using physics-based techniques and models. M.A. requirements are the same as M.S. except proficiency in one foreign language is required.


Research Assistant Professors
Lafalcke, Evan, Ph.D., Univ. of South Florida, 2014. Experimental condensed matter; astrophysics.
Rendjennat, Mouad, Ph.D., Hassan II Univ. (Morocco), 1996. Biochemistry, Cell & Molecular Biology.

Professor (Lecturer)

Associate Professors (Lecturers)
Buehler, Tabitha, Ph.D., BYU, 2011. Star Formation.

Assistant Professor (Lecturer)
Niyarwe, Tim, Ph.D., New University, Amsterdam, 2004. Theoretical Particle Physics.

Research Associate
Abdul, Rasha, Ph.D., Utah, 2007. Cosmic rays.
Baird, Doug, Ph.D. pending, Utah. Experimental condensed matter.

Boardman, Nicholas, Ph.D., Univ. of Arkansas, UK 2017. Galaxy formation and evolution.

du Mas de Bourbouh, Hillon, Ph.D., CEA Saclay, France 2017. Observational cosmology.

Ivanov, Dmitri, Ph.D., Rutgers, 2012. Cosmic rays.

Touchbakh, Rypich, Ph.D., Univ. of Central Florida, 2015. Experimental condensed matter.

Vaqueiro, Alejandro, Ph.D., Universidad de Zaragoza, 2011. Laboratoire QDO.

Vogel, Karina, Ph.D., MIT, Munich, 2016. Astrophysics, nearby galaxies.


Yang, Jun, Ph.D., Univ. of Massachusetts Lowell, 2017. Polars and X-ray astronomy.

Faculty Research Specialties

Astrophysics & Cosmology: Baublis, Dawson, Mann, King, Sell, Symons, Bzdak, Cochrin, J. High energy physics.

Biophysics: Bogor, Safianoff, Vedernikov.


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