The physics and astronomy curriculum provides classroom and research experience that prepares a graduate student for a career of either research and teaching at a university, or research and development at an industrial or government laboratory. The courses are well suited to graduate students in chemistry, mathematics, geosciences or engineering, as well as those seeking a graduate degree in physics or astronomy.

The faculty members of the department carry out theoretical and experimental research in the following areas: astronomy, atomic and molecular, computational physics, cosmology, high-energy, low-temperature/condensed matter, materials science, nuclear physics, and quantum optics. Laboratories supporting the experimental programs are well-equipped with modern research apparatus. Special support facilities include an astronomical instrumentation laboratory, access to high-performance computing, a variable-energy cyclotron, and many shared campus facilities.

Faculty

Abanov, Artem G, Associate Professor
Physics & Astronomy
PHD, Texas A&M University, 1998

Adsley, Philip, Assistant Professor
Physics & Astronomy
PHD, University of York, 2013

Agnolet, Glenn, Professor
Physics & Astronomy
PHD, Cornell University, 1983

Allen, Roland E, Professor
Physics & Astronomy
PHD, The University of Texas at Austin, 1969

Bassichis, William H, Professor
Physics & Astronomy
PHD, Case Western Reserve University, 1963

Becker, Katrin, Professor
Physics & Astronomy
PHD, University of Bonn, 1994

Belic, Milivoj R, Professor
Physics & Astronomy
PHD, The City University of New York, 1980

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PHD, Universite Libre de Bruxelles, Faculte des Sciences, 1999

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PHD, Pennsylvania State University, 2009

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PHD, Stanford University, 1975

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PHD, University of Hawaii at Manoa, 1987

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PHD, Institute of Applied Physics, Russian Academy of Sciences, 1999

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PHD, Landau Institute for Theoretical Physics, 1972

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PHD, The University of Texas at Austin, 1972

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PHD, Northwestern University, 2018

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Physics & Astronomy  
PHD, University of Washington, 1978

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PHD, State University of New York at Stony Brook, 1973

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PHD, Institute of Applied Physics, Russian Academy of Sciences, 1986

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Physics & Astronomy  
PHD, P N Lebedev Physics Institute of the Russian Academy of Sciences, 1980

Kordell, Michael, Lecturer  
Physics & Astronomy  
PHD, Wayne State Univ, 2017  
PHD, Wayne State University, 2017

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Physics & Astronomy  
PHD, Yale University, 1959

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Physics & Astronomy  

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Physics & Astronomy  
PHD, Johns Hopkins University, 2002

Pokrovsky, Valery, Distinguished Professor  
Physics & Astronomy  
PHD, Tomsk State University, 1957

Pope, Christopher N, Distinguished Professor  
Physics & Astronomy  
PHD, University of Cambridge, 1980

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PHD, Rheinische Friedrich-Wilhelma University, Bonn, 1996

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PHD, Massachusetts Institute of Technology, 2016

Rogachev, Grigory V, Professor  
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PHD, National Research Centre, 1999

Ross Jr, Joseph H, Professor  
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PHD, University of Illinois at Urbana-Champaign, 1986

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Physics & Astronomy  
PHD, University of Florida, 2001

Schuessler, Hans A, Professor  
Physics & Astronomy  
PHD, Universitat Heidelberg, 1964

Scully, Marlan O, Distinguished Professor  
Physics & Astronomy  
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PHD, Stanford University, 2001

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PHD, University of Massachusetts - Amherst, 1998

Toback, David, Professor  
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PHD, University of California at Irvine, 2011

Wang, Lifan, Professor  
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PHD, University of Chicago, 1992

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PHD, Univ of California, San Diego, 2017

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Physics & Astronomy  
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Physics & Astronomy  
PHD, Lomonosov Moscow State University, 1990

Zubairy, Muhammad S, University Distinguished Professor  
Physics & Astronomy  
PHD, University of Rochester, 1979

Masters

- Master of Science in Astronomy (http://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/arts-and-sciences/physics-astronomy/physics-ms/)

Doctoral

- Doctor of Philosophy in Applied Physics (http://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/arts-and-sciences/physics-astronomy/applied-physics-phd/)
- Doctor of Philosophy in Astronomy (http://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/arts-and-sciences/physics-astronomy/astronomy-phd/)
- Doctor of Philosophy in Physics (http://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/arts-and-sciences/physics-astronomy/physics-phd/)