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

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**Masters**

- Master of Science in Physics ([http://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/arts-and-sciences/physics-astronomy/phys-m-s/](http://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/arts-and-sciences/physics-astronomy/phys-m-s/))

**Doctoral**