

# PHYSICS AND ASTRONOMY

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Department Website (<http://www.physics.sc.edu/>)

The Department of Physics and Astronomy offers strong traditional curricula at the graduate level with additional courses in research. Comprehensive experimental research programs are available in high-energy physics, nuclear/intermediate energy physics, condensed matter physics/nanoscience, and astrophysics. There are broad efforts in theoretical research with programs in the foundations of quantum theory, nuclear and particle physics, statistical/condensed matter physics, cosmology and astrophysics, and computational physics.

The Department of Physics and Astronomy offers the degrees of Master of Science, Professional Science Master (area of emphasis: modeling for corporate applications<sup>1</sup>), and Doctor of Philosophy. In cooperation with the College of Education, the department also offers the Master of Arts in Teaching in Sciences (Physics Option) and the Interdisciplinary Master of Arts in Sciences (Physics Option).

<sup>1</sup> The Professional Science Master program is not currently accepting applicants into the modeling for corporate applications emphasis.