Physics

Return to: College of Science (http://catalog.utep.edu/grad/college-of-science/)

The Department of Physics offers studies leading to the degree of Master of Science in Physics with experimental and/or theoretical physics research in Atmospheric Physics, Biophysics, Computational Physics, Material Science, Medical Physics and Nuclear.

General Requirements

The normal prerequisite to graduate studies in the Department of Physics is the bachelor's degree in Physics with a B average in Physics courses taken at the undergraduate level. The bachelor's degree coursework should include advanced undergraduate courses in Mechanics, Electromagnetics, Modern Physics, Quantum Mechanics, Thermal Physics, and advanced laboratory practice. Any deficiency must be removed before the petition is made for candidacy for the MS degree.

Chair

Mark Pederson (http://facultyprofile.utep.edu/default.aspx?id=mrpederson)
Contact Information: mrpederson@utep.edu (mtcortez@utep.edu);
Education: BS, University of Michigan; Ph D, University of Wisconsin

Professor

Tunna Baruah (http://facultyprofile.utep.edu/default.aspx?id=tbaruah)
Contact Information: tbaruah@utep.edu; 915-747-7529
Education: Ph D, University of Pune

Rosa Fitzgerald (http://facultyprofile.utep.edu/default.aspx?id=rfitzgerald)
Contact Information: rfitzgerald@utep.edu; 915-747-7530
Education: BS, Universidad Nacional de Ingeniería; MS, Adelphi University; Ph D, University of California, Riverside

Jorge Lopez (http://facultyprofile.utep.edu/default.aspx?id=jorgelopez)
Contact Information: jorgelopez@utep.edu; 915-747-7528
Education: BS, University of Texas at El Paso; MS, University of Texas at El Paso; Ph D, Texas A&M University

Felicia Manciu (http://facultyprofile.utep.edu/default.aspx?id=fsmanciu)
Contact Information: fsmanciu@utep.edu; 915-747-8472
Education: BS, University of Bucharest; MS, The State University of New York at Buffalo

Rajendra Zope (http://facultyprofile.utep.edu/default.aspx?id=rzope)
Contact Information: rzope@utep.edu; 915-747-8742
Education: Ph D, University of Poona

Associate Professor

Lin Li (http://facultyprofile.utep.edu/default.aspx?id=lli5)
Contact Information: lli5@utep.edu; 915-747-8423
Education: BA, Huazhong University of Science and Technology; Ph D, Huazhong University of Science and Technology

Ramon Ravelo (http://facultyprofile.utep.edu/default.aspx?id=rravelo)
Contact Information: rravelo@utep.edu; 915-747-5620
Education: BA, University of California, Santa Cruz; MS, Boston University; Ph D, Boston University

Programs

Master of Science

• M.S. in Physics (http://catalog.utep.edu/grad/college-of-science/physics/physics-ms/)

Certificate

• Graduate Certificate in Physics (http://catalog.utep.edu/grad/college-of-science/physics/graduate-certificate-physics/)

The University of Texas at El Paso

Department of Physics
Physical Science Building, Room 210
Phone: 915.747.5715
Email: physics@utep.edu

Visit Department Website (https://www.utep.edu/science/Academic%20Programs/Physics.html)