Physics

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

The Department offers a Bachelor of Science degree in Physics. The BS includes the opportunity to obtain concentrations in Applied Physics Concentration, Atmospheric Physics Concentration, Medical Physics Concentration, Pre-Med Concentration, and Secondary Education 7-12 Physics/Mathematics Certification.

Students may not apply to the Educator Preparation Program until they meet the following requirements:

1. Have a UTEP overall GPA of at least 2.75
2. Have a UTEP majors GPA of at least 2.75
3. Pass the UTEP math content qualifying exam with a score of at least 80%

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 (mtcortez@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 (mtcortez@utep.edu); 915-747-7530
Education: BS, Universidad Nacional de Ingenieria; MS, Adelphi University; Ph D, University of California, Riverside

Jorge Lopez (http://facultyprofile.utep.edu/default.aspx?ID=jorgelo Lopez)
Contact Information: jorgelopez@utep.edu (mtcortez@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=fsman ciu)
Contact Information: fsmanciu@utep.edu (mtcortez@utep.edu); 915-747-8472
Education: BS, University of Bucharest; Ph D, The State University of New York at Buffalo

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

Associate Professor
Chunqiang Li (http://facultyprofile.utep.edu/default.aspx?ID=cli)
Contact Information: cli@utep.edu (mtcortez@utep.edu); 915-747-7537
Education: BS, Peking University; MS, Chinese Academy of Sciences; Ph D, Princeton University

Marian Manciu (http://facultyprofile.utep.edu/default.aspx?ID=mmanciu)
Contact Information: mmanciu@utep.edu (mtcortez@utep.edu); 915-747-7531
Education: BS, University of Bucharest; Ph D, State University of New York at Buffalo

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

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

Assistant Professor
Jose Bañuelos (http://facultyprofile.utep.edu/default.aspx?ID=jibanuelos)
Contact Information: jibanuelos@utep.edu (mtcortez@utep.edu); 915-747-7535
Education: BS, New Mexico State University; Ph D, New Mexico State University; Postdoc, Oak Ridge National Laboratory

Ahmed El-Gendy (http://facultyprofile.utep.edu/default.aspx?ID=aelgendy)
Contact Information: aelgendy@utep.edu (mtcortez@utep.edu); 915-747-6382
Education: BA, Alexandria University; MS, Alexandria University; Ph D, Heidelberg University

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

Jorge Munoz (http://facultyprofile.utep.edu/default.aspx?ID=jamunoz)
Contact Information: jamunoz@utep.edu (mtcortez@utep.edu); 915-747-7541
Education: BS, The University of Texas at El Paso; MS, California Institute of Technology; Ph D, California Institute of Technology

Harikrishnan Nair (http://facultyprofile.utep.edu/default.aspx?ID=hnair)
Contact Information: hnair@utep.edu (mtcortez@utep.edu); 715-747-7544
Education: Ph D, Indian institute of Science, India

Yun-Pil Shim (http://facultyprofile.utep.edu/default.aspx?ID=yshim)
Contact Information: yshim@utep.edu (mtcortez@utep.edu);
Education: BS, Seoul National University; Ph D, The University of Texas at Austin

Contact Information: srao@utep.edu (mtcortez@utep.edu); 915-747-5635
Education: Ph D, Indian Institute of Science; Postdoctoral Scholar, University of Leuven; National Research Council Research Associate, North Carolina State University

Programs

Bachelor of Science

- BS in Physics (http://catalog.utep.edu/undergrad/college-of-science/physics/physics-bs/)

Minor

- Minor in Physics (http://catalog.utep.edu/undergrad/college-of-science/physics/physics-minor/)

Fast Tracks

- BS in Physics to MS in Physics (http://catalog.utep.edu/undergrad/college-of-science/physics/fast-track/bs-physics-ms-physics/)
- BS in Physics with Applied Physics Concentration to MBA (http://catalog.utep.edu/undergrad/college-of-science/physics/fast-track/bs-physics-applied-physics-conc-to-mba/)

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)