Earth, Environmental and Resource Sciences

Degrees in the Department of Earth, Environmental, and Resource Sciences offer a wide variety of career paths upon completion. Careers with private industry, government, and academic institutions are all possible. Furthermore, an MBA Fast Track option is offered because we encourage graduates to think about starting their own businesses. We have numerous internship opportunities available for students to supplement the coursework offered. We teach qualitative and quantitative skills highly relevant to professions in Earth and environmental science. The students will also be trained in writing, speaking, and data analysis. Overall the students will obtain an integrated understanding of the concepts and methods involved in studying natural systems as well as human interactions with these systems. Our graduates have the opportunities to travel around the world as part of their educational experience and pursue global careers. Professionals in Geologic and Environmental Sciences generally report high satisfaction ratings with their careers and many paths lead to some of the most lucrative professions in scientific fields.

The department of Geological Sciences offers both the Bachelor of Arts (BA) and Bachelor of Science (BS) degrees in Geological Sciences, and a BS in Environmental Science.

Department Requirements

C Rule

Students must earn a grade of C or better in all courses taken within the Department of Geological Sciences that are used to satisfy the above Geology and Geophysics degree requirements. A student receiving a grade of D in a required course must repeat the course at its earliest offering. Students receiving consecutive grades of D will not be allowed to enroll in required courses until grades of C or better have been earned in the appropriate courses. A minimum GPA of 2.0 must be achieved in required science courses taken outside the Geological Sciences department.

Departmental Research

All undergraduate students are encouraged to complete research and/or internship experience. The preferred option is the completion of a GEOL 4399 Senior's Thesis. GEOL 4166 Directed Study, Geology - GEOL 4366 or GEOP 4167 - GEOP 4367 or GEOL 4189 Research in Geological Science - GEOL 4389 or GEOL 4390 Intrmshp Geological Sciences courses also fulfill this requirement.

Chair

James Kubicki (http://facultyprofile.utep.edu/default.aspx?ID=jdkubicki)
Contact Information: jdkubicki@utep.edu (mtcortez@utep.edu); 915-747-6552
Education: Ph D, Yale University

Professor

Elizabeth Anthony (http://facultyprofile.utep.edu/default.aspx?ID=eanthony)
Contact Information: eanthony@utep.edu; 915-747-5483
Education: BA, Carleton College; MS, University of Arizona; Ph D, University of Arizona

Antonio Arribas (http://facultyprofile.utep.edu/default.aspx?ID=aarribas)
Contact Information: aarribas@utep.edu; 915-747-7088
Education: BA, The University of Salamanca, Spain; MS, The University of Salamanca, Spain; Ph D, University of Michigan

Diane Doser (http://facultyprofile.utep.edu/default.aspx?ID=doser)
Contact Information: doser@utep.edu; 915-747-5851
Education: BS, Michigan Technological University; MS, University of Utah; Ph D, University of Utah

Mark Engle (http://facultyprofile.utep.edu/default.aspx?ID=maengle)
Contact Information: maengle@utep.edu; 915-747-5503
Education: BS, The Evergreen State College; MS, University of Nevada, Reno; Ph D, University of Nevada, Reno

Katherine Giles (http://facultyprofile.utep.edu/default.aspx?ID=kagiles)
Contact Information: kagiles@utep.edu; 915-747-7075
Education: BS, University of Wisconsin; MS, University of Iowa; Ph D, University of Arizona

Thomas Gill (http://facultyprofile.utep.edu/default.aspx?ID=tegill)
Contact Information: tegill@utep.edu; 915-747-5168
Education: BS, University of California- Davis; Ph D, University of California- Davis; Postdoctoral Training, USDA Agricultural Research Service

Philip Goodell (http://facultyprofile.utep.edu/default.aspx?ID=goodell)
Contact Information: goodell@utep.edu; 915-747-5593
Education: BS, Yale University; MS, Harvard University; Ph D, Harvard University

Contact Information: jhurtado@utep.edu; 915-747-5669
Education: MS, California Institute of Technology; BS, California Institute of Technology; Ph D, Massachusetts Institute of Technology

Contact Information: jdkubicki@utep.edu; 915-747-6552
Education: Ph D, Yale University

Contact Information: langford@utep.edu; 915-747-5968
Education: BA, Colorado College; MA, Indiana University; Ph D, The University of Utah

Contact Information: tlpavlis@utep.edu; 915-747-5570
Education: BS, University of South Dakota; MS, University of Utah; Ph D, University of Utah

Contact Information: ddpennington@utep.edu; 915-747-5867
Education: BS, Ohio State University; MS, Ohio State University; Ph D, Oregon State University; Graduate Certificate, University of New Mexico

Contact Information: npingitore@utep.edu; 915-747-5754
Education: BA, Columbia College; MS, Brown University; Ph D, Brown University

Contact Information: lserpa@utep.edu; 915-747-6085
Education: BS, University of Utah; MS, University of Utah; Ph D, Cornell University

Contact Information: aavelasco@utep.edu; 915-747-5101
Education: BS, University of California; Ph D, University of California

**Associate Professor**

Contact Information: bbrunner@utep.edu; 915-747-5507
Education: MS, Swiss Federal Institute of Technology; Ph D, Swiss Federal Institute of Technology

Contact Information: ljin2@utep.edu; 915-747-5559
Education: BS, the University of Science and Technology of China; Ph D, The University of Michigan

Contact Information: mkarplus@utep.edu; 915-747-5413
Education: BA, Dartmouth College; Ph D, Stanford University

Contact Information: lma@utep.edu; 915-747-5218
Education: BS, University of Science & Technology of China; Ph D, University of Michigan

**Assistant Professor**

Contact Information: alvarez@utep.edu; 915-747-5483
Education: Ph D, Arizona State University

Contact Information: jachaput@utep.edu;
Education: Ph D, New Mexico Institute of Mining and Technology

Contact Information: hagutierrez@utep.edu; 915-747-5159
Education: Ph D, New Mexico Institute of Mining and Technology
Hernan Moreno (http://facultyprofile.uteponline.edu/default.aspx?ID=moreno)
Contact Information: moreno@utep.edu;
Education: BS, National University of Colombia; M.Eng., National University of Colombia; Ph D, Arizona State University

Jason Ricketts (http://facultyprofile.uteponline.edu/default.aspx?ID=jricketts)
Contact Information: jricketts@utep.edu; 915-747-5599
Education: BS, San Diego State University; MS, San Diego State University; Ph D, University of New Mexico

Jie Xu (http://facultyprofile.uteponline.edu/default.aspx?ID=jxu2)
Contact Information: jxu2@utep.edu; 915-747-7556
Education: BS, Shanghai Jiao Tong University; MS, Stanford University; Ph D, University of Wisconsin - Madison

Programs

Bachelor of Science

• BS in Environmental Science (http://catalog.uteponline.edu/undergrad/college-of-science/earth-environmental-and-resource-sciences/environmental-science-bs/)
• BS in Geological Sciences (http://catalog.uteponline.edu/undergrad/college-of-science/earth-environmental-and-resource-sciences/geological-sciences-bs/)
• BS in Geophysics (http://catalog.uteponline.edu/undergrad/college-of-science/earth-environmental-and-resource-sciences/geophysics-bs/)

Minor

• Minor in Environmental Science (http://catalog.uteponline.edu/undergrad/college-of-science/earth-environmental-and-resource-sciences/minor-environmental-science/)
• Minor in Geography (http://catalog.uteponline.edu/undergrad/college-of-science/earth-environmental-and-resource-sciences/minor-geography/)
• Minor in Geological Sciences (http://catalog.uteponline.edu/undergrad/college-of-science/earth-environmental-and-resource-sciences/minor-geological-sciences/)
• Minor in Geology (http://catalog.uteponline.edu/undergrad/college-of-science/earth-environmental-and-resource-sciences/minor-geology/)

The University of Texas at El Paso
Earth, Environmental and Resource Sciences
Geological Sciences Building, Room 101
500 W University
El Paso, Texas 79902

Phone: 915.747.5501
Email: geology@utep.edu

Visit Department Website (https://www.uteponline.edu/Science/Academic%20Programs/Geological%20Sciences.html)