COLORADO SCHOOL OF MINES

Quick Facts

Location (city, state): Golden, Colorado	**Website:** www.mines.edu
Undergraduate student enrollment: 5,813	**Public/Private:** Public
Graduate student enrollment: 1,860	**Type of Institution:** Doctoral

Institutional Description (limit 250 words):

Mines will be celebrating our 150th anniversary this Spring, 2024. While Mines began as an institution that was founded to support the mining industry, our mission has expanded and is currently a comprehensive science, technology, engineering, and mathematics focused university. Structured to bring together transdisciplinary research expertise, our Pillars of Research & Innovation enable Mines to conduct research in context – to provide innovative solutions that incorporate an understanding of social, economic, political, and environmental impacts. Simply, Mines is focused on solving the world's most critical scientific and engineering challenges. Mines achieved R-1 classification by Carnegie, holding the highest designation granted to U.S. research institutions. Additionally, Mines holds the top QS rankings in Mining and Mineral Engineering (#1), and the US News and World Report rankings; Petroleum Engineering (#3); Geophysics (#5); and Geology (#8). Further we have been recognized by the American Energy Society as an Elite Energy University (#3) for the breadth and depth of our energy programs from solar, wind, green hydrogen, nuclear power, and carbon management, to traditional fossil fuels.

Partnership Information

Possible Academic Areas of Collaboration:

Mines excels in STEM related academic areas. IIE has also identified Renewable Energy, Environmental Science, IT, and STEM as areas of need.

Institutional Strengths:

-Public R1 research university focused on applied science and engineering
-Holds top QS rankings in Mining and Mineral Engineering (#1); US News and World Report: Petroleum Engineering (#3); Geophysics (#5); and Geology (#8)
- Mines's student body is academically strong and meets high admissions standards. The 2023 entering undergraduate class averaged a 3.8-4.0 unweighted GPA from high school; average 1350-1490 SAT; and ACT scores between 28-32.
-Strong retention and graduation rate bolstering 94% of freshmen returning for their sophomore year and a six-year graduation rate of 81.7%.
-High positive career outcomes rate of around 93% across all degree levels and disciplines.
-Graduates of Mines are highly sought after; 92% of Mines undergraduate students either attending graduate school or working full-time in industry with starting salary average $75,900; and those graduating with a master or doctorate degree experienced a 92% placement rate and average starting salary of $89,000.

Partnership Interests: *(e.g., faculty exchanges, student exchange, dual degrees, joint research, distance learning, etc.)*

Program Development; Educational Consulting; Capacity Development Opportunities; Joint Research; Professional Education; Faculty and Student Exchange

Interest in Partnership: Why are you interested in partnering with a U.S./Kazakh institution? What do you hope to gain from such a partnership?

Mines has built several relationships with Kazakh institutions and continues to actively engage in work in the country. Our shared mission and goals towards sustainability and energy as well as our expertise on mining, minerals, and oil and gas, dovetail well with the university needs in Kazakhstan. Our faculty and students are actively involved in bi-lateral research projects focused on oil and gas, and we are eager to expand the scope to include low carbon energy systems and mining and minerals related research. Working with partners in Kazakhstan, we as a university can also work towards Mines goals to provide innovative solutions that incorporate an understanding of social, economic, political, and environmental impacts around the world.

Main Partnership Contact: (name, title, email):

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