



COLORADO SCHOOL OF MINES

GRADUATE STUDIES




**LEARN
MORE**





↑ ELEVATE ↑ YOUR CAREER

If you are ready to **continue your education, enhance your research experience and connect with world-class faculty and industry experts**, Colorado School of Mines offers an extensive list of graduate programs to help you achieve your academic and professional goals.

You'll be inspired to further enhance your skills as an innovator, expert and entrepreneur, and to address the greatest challenges that face our planet and beyond.

Mines is located just three-blocks from downtown Golden, Colorado, a vibrant community with a small-town ambiance that boasts an abundance of restaurants, museums, music venues and more. Nestled in the foothills of the Rocky Mountains, we're close to outdoor adventures, yet only a short drive or train ride into the city of Denver.

Not looking to join us on campus? That's okay! We offer flexible online program options, too.

#1

for career return on
investment among
peer institutions
Georgetown 2022

#1

mineral & mining engineering
program in the world
*QS World University
Ranking 2022*

#3

best engineering college
in the U.S.
Money Magazine 2022

mines.edu/about/rankings

A GLOBAL LEADER IN RESEARCH



Learn more about Mines
research and innovation.

Colorado School of Mines is in the top tier of research universities in the U.S. as recognized by Carnegie, one of just 146 research institutions nationwide to achieve R1 “Very High Activity” status.

Through partnerships with national laboratories, industry funding agencies and more, you can be confident that the research you do at Mines will have a significant impact on real-world issues.

\$95M+

in total research awards in
fiscal year 2022

250+

Research faculty were
employed by Mines,
as of Jan. 2023

27

Research centers and
institutes are affiliated
with Mines

Our faculty and students are conducting research in many areas, including renewable energy, conventional and unconventional oil and gas research, groundwater contaminants, human-device interactions, quantum engineering, underground construction and computational modeling, just to name a few.

Mines graduate students have access to more than 27 research facilities, as well as unique off-campus facilities and equipment, including the Nuclear Science and Engineering Center, the Ultrafast Science Research Lab and the We2st Water Technology Hub. Mines regularly partners with the National Renewable Energy Laboratory (NREL), the National Institute of Standards and Technology (NIST) and the United States Geological Survey (USGS).





INVEST IN YOUR FUTURE

Tuition and Aid

To support your journey, Mines has numerous funding opportunities: fellowships, traineeships, scholarships and both teaching and research assistantships.

Cost of Attendance		mines.edu/graduate-admissions/costs/		
2023-2024	COLORADO RESIDENT	OUT-OF-STATE STUDENT	ONLINE STUDENT	
TUITION	\$18,558	\$41,580	\$20,034	
FEES	\$2,796	\$2,796	\$188	
ROOM AND BOARD	\$17,361	\$17,361	\$17,361	
BOOKS AND SUPPLIES	\$1,500	\$1,500	\$1,500	
PERSONAL ALLOWANCE	\$1,611	\$1,611	\$1,611	
TRANSPORTATION	\$1,665	\$1,665	\$1,665	
TOTAL	\$40,832	\$62,144	\$39,822	
PER CREDIT HOUR	\$1,031	\$1,386	\$1,113	

Western Regional Graduate Program

Students in qualifying states may be eligible for the Western Regional Graduate Program (WRGP) and could receive a discounted, non-resident tuition rate if they are part of a qualifying academic program at Mines. Find more information at mines.edu/graduate-admissions/wiche.

14
U.S. States

4
Territory/
Commonwealths

SCAN HERE TO FIND OUT WHICH
PROGRAMS ARE WRGP ELIGIBLE.



MINES ONLINE

Flexible Programs to Fit Your Life

Mines Online helps you continue your education through convenient, STEM-focused course offerings. Our programs are built and taught by the same faculty who teach on campus, so you can be assured you're getting the high-quality educational experience you'd expect from Mines. Increase your marketability by gaining the skills and knowledge you need with flexibility from wherever you're located.

And while learning online, you're never alone. A dedicated Mines Online team is here to help you be successful. When you enroll in online courses, you're still joining our Oredigger family.

Benefits

Shortened Semesters

Complete courses in two consecutive eight-week sessions during the fall, spring or summer semesters.

Collaborative Environment

Engage with classmates on projects, assignments and exams through our online classrooms.

Functional & Flexible

Whether you're just finishing your undergraduate degree, returning to school after time spent in industry and continuing to work full-time, looking for a career change, or wanting to build your skills in your current field, we offer flexible class times and programs to fit your life.

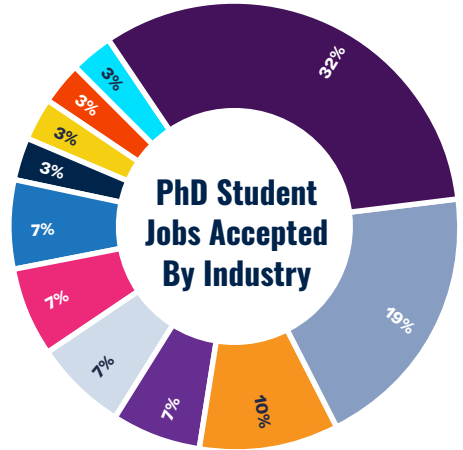
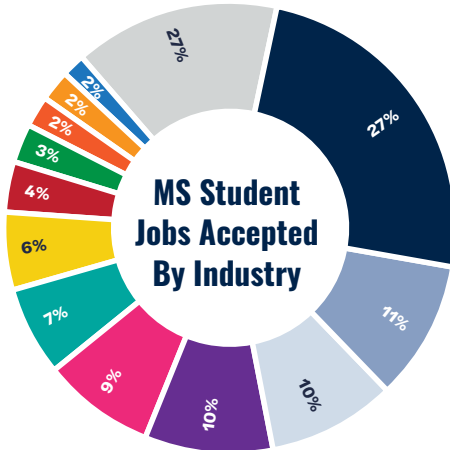
Mines offers online graduate certificates, master's non-thesis, master's thesis and doctorate programs.

Learn more about Mines Online, including requirements and deadlines.



CAREER POSSIBILITIES

Our graduate students enter the workforce with the highest standards of integrity and skill. They assume some of the top positions in industry, government and academia, becoming global leaders who advance their professions and have a lasting influence on the world and beyond.



Aerospace/Defense/
Aviation

Government/
Public Sector

Energy – Oil & Gas

Civil/Construction &
Building Trades

Tech/Information
Technology

Mining

Consulting

Manufacturing/
Machinery/Equipment

Utilities/Power

Electrical/Electrical
Components

Environmental
Resources/Water

Metals

Automotive

Chemical

Educational/Instruction/
Administration

Other



Learn More About Mines
Graduate Student Outcomes





OREDIGGERS WORLDWIDE

Our alumni are everywhere. Whether traveling for business or pleasure, pursuing new opportunities or a career abroad, you can find an Oredigger in almost every major city around the world. And no matter where they are, the Mines community stays connected and frequently reunites to celebrate the Mines spirit. In addition to being placed in all 50 states, Mines alumni are employed all over the world.



“Succeeding in a male-dominated program like underground construction and tunneling is a way to serve as a role model to encourage young girls and women to enter STEM and change the world.”

Maryam Alahmar, PhD, Civil Engineering



21% of graduate students identify as Black, Indigenous and People of Color (BIPOC)



23% of graduate students are international

GRADUATE STUDENT COMMUNITY

Mines has successful outcomes at every degree level, in every direction and in a variety of industries.

92%

Positive outcomes for
MS Graduates

98%

Positive outcomes for
PhD Graduates



\$89K

Average starting
salary for
graduates

~1,700
Total graduate students



Campus Organizations

Graduate Student Government (GSG)
Multicultural Engineering Program (MEP)
National Society of Black Engineers (NSBE)
Out in Science, Technology, Engineering and Mathematics (oSTEM)
Society of Hispanic Professional Engineers (SHPE)
Society of Asian Scientists and Engineers (SASE)
Society of Women Engineers (SWE)
American Indian Science and Engineering Society (AISES)

Campus Resources

Graduate Mentoring
Tutoring Center
Writing Center
Student Health Services
Professional Development
Conferences
Career Center



50+

Graduate Programs

20+

Online Programs

Graduate Admissions Office

1812 Illinois Street, Golden, CO 80401

(303) 273-3247 | (800) 446-9488

grad-admissions@mines.edu

mines.edu/graduate-admissions

Colorado School of Mines (Mines) is committed to equal opportunity for all persons. Mines does not discriminate on the basis of age, sex, gender (including gender identity and gender expression), pregnancy, sexual orientation, marital status, race, ethnicity, color, religion, creed, national origin or ancestry, disability, genetic information, veteran status or current military service. Further, Mines does not retaliate against community members for filing complaints regarding or implicating any of these protected statuses. Mines' commitment to nondiscrimination, affirmative action, equal opportunity and equal access is reflected in the administration of its policies, procedures, programs and activities and in its efforts to achieve a diverse student body and workforce. More information can be found at: mines.edu/equal-opportunity.

2024 Cycle