



COLORADO SCHOOL OF MINES

A scenic view of the Colorado School of Mines campus. In the background, a large, historic building with a prominent tower and a golden dome is visible. The foreground is dominated by lush green trees with vibrant yellow autumn foliage. The sky is a clear, bright blue. The overall atmosphere is peaceful and academic.

COLORADO SCHOOL OF MINES

a public research university with a global reach, engages innovative thinkers impacting today's earth, energy and environment challenges.

Mines has the **highest admissions standards of any public university in Colorado** and among the highest of any public university in the nation.

Complementing the university's **solid academic mission** is a **robust student life experience** with clubs, athletics, student government, Greek life and more than 170 student organizations.

The campus features beautifully renovated **historical architecture** alongside **modern construction**.

Home of the Mines campus since 1874, the picturesque town of Golden offers Colorado's famous outdoor adventures as well as access to the many attractions of nearby Denver.

The Mines curriculum is broad and rigorous with an emphasis on **hands-on experiences** and collaborative approaches to problem-solving.

Featuring programs in applied sciences, earth sciences, engineering, mathematics and economics, **Mines is focused on developing educational and research programs that address the world's critical needs.**

Students and faculty are **advancing the frontiers of knowledge** in areas such as: unconventional natural gas, solar materials, fuel cells, biofuels, advanced water treatment, gas hydrates, critical minerals, geothermal energy, subsurface hydrology, ferrous metallurgy, subsurface characterization, intelligent geosystems and high performance computing.

COST OF ATTENDANCE

2013-14 Undergraduate Expenses

	Resident	Non-resident
Tuition	\$14,400	\$30,330
Fees	\$2,085	\$2,085

FINANCIAL AID

82 percent of all undergraduate students receive some type of financial assistance. The Mines financing program has resources totaling more than \$40 million, including:

- \$19.5 million in federal, state and Mines grants and scholarships
- \$616,000 in work-study funds available for students
- \$18 million awarded in student loans
- \$3 million in scholarships awarded to students by outside donors

Graduate students are encouraged to apply for financial support through the academic departments. Awards consist of teaching and research assistantships. Additional financial aid and student loans are available through the financial aid office.

For more information, visit:

www.mines.edu/CostandFinancialAid or call 303-273-3220.

FALL 2013 ENROLLMENT

UNDERGRADUATE | GRADUATE | TOTAL

APPLIED SCIENCE & ENGINEERING			1,417
Chemical & Biological Engineering	563	80	643
Chemistry	114	63	177
Metallurgical & Materials Engineering	139	124	263
Physics	262	72	334
EARTH RESOURCE SCIENCE & ENGINEERING			1,728
Economics & Business	24	136	160
Geology	154	181	335
Geophysics	128	89	217
Liberal Arts & International Studies		13	13
Mining	117	42	159
Petroleum	736	108	844
ENGINEERING & COMPUTATIONAL SCIENCE			2,137
Applied Math & Statistics	92	33	125
Civil & Environmental Engineering	355	152	507
Electrical Engineering & Computer Science	425	81	506
Mechanical Engineering	904	95	999
UNDECIDED	186		186
TOTAL	4,199	1,269	5,468



BY THE NUMBERS

1: The national ranking of the Mines student chapter of the Society of Women Engineers

18: Intercollegiate athletic teams at Mines — more than any other Division II school in Colorado

30: Average ACT score for entering freshmen

38: Research centers on the Mines campus

88, 94, 98: Percentage of bachelor's, master's and PhD graduates placed upon graduation in 2012-13

170: Student organizations on campus

718: Average GRE quantitative score for graduate students

5,468: Degree-seeking undergraduate and graduate students

\$35.4 million: Amount given by donors during fiscal year 2013 (the most successful fundraising year ever)

\$62 million: Total research awards received in 2013

MINES IS RANKED

6th for starting salaries (\$66,700) among all public and private schools in PayScale's 2013-14 College Salary Report.

10th in the nation in the 2012-13 NCAA Division II Learfield Sports Directors' Cup Standings out of 290 institutions, placing Mines in the top three percent of the country.

38th in the nation across all divisions in the 2013 National Collegiate Scouting Association Power Rankings. Mines finished second among Division II institutions and is the highest-ranked institution in Colorado.

40th in 2014 Top Public Schools by *U.S. News* and *World Report*, 91st in National Universities.

58th on *Kiplinger's* 2013 list of Top 100 Best Values in Public Colleges.

139th, up from 184th, in 2013-14 *Times Higher Education World University Rankings*.





UNDERGRADUATE ADMISSIONS

Admission to Mines is highly selective. More than 13,000 students vie each year for approximately 875 spots in the freshman class. Mines entering class score averages include 30 on the ACT, 1330 on the SAT, and a 3.8 unweighted GPA.

High school students are encouraged to apply EARLY in the fall semester of senior year. Transfer students are encouraged to visit the Mines website for guidance on admission.

For more information:

Undergraduate Admissions Office
1600 Maple St., Golden, CO 80401
303-273-3220 / 888-446-9489
www.mines.edu/Undergraduate_Admissions
admit@mines.edu

GRADUATE ADMISSIONS

Mines offers an innovative curriculum emphasizing knowledge creation, practical hands-on experiences and an interdisciplinary approach to solving problems of importance to society.

Many graduate programs at Mines have rolling admissions policies. Applications are accepted by the graduate office. The office recommends applying by Dec. 15 for fall semester and Oct. 1 for spring semester.

For more information:

Graduate Admissions Office
1500 Illinois St., Golden, CO 80401
303-273-3247 / 800-446-9488
www.mines.edu/graduate_admissions
grad-app@mines.edu

RESEARCH

The nexus between the earth, the environment and society's need to generate and distribute energy in an economic and sustainable way is central to Mines' specialized mission. Faculty and students at Mines research new frontiers in resource exploration, extraction and processing, renewable energy production and distribution, advanced materials, and environmental impact, mitigation and remediation.

In 2013, research awards totalled \$62 million, with roughly half funded by non-federal sources.

For more information, see research.mines.edu.

GRADUATE STUDIES

More than 1,400 graduate students from around the world create a stimulating environment that enriches the Mines educational experience. Modern research facilities including 43 specialized centers, a strong interdisciplinary teaching and research focus, and low student-to-faculty ratio offer a personalized education and encourage students to investigate problems from real-world perspectives.

Mines' reputation and high admission standards, as well as its alumni network in industry, government and academic institutions, contribute to a high placement rate.

For more information, see www.mines.edu/Graduate_PR.

EXTENDED AND CONTINUING EDUCATION

Through the Office of Special Programs and Continuing Education (SPACE), Colorado School of Mines provides opportunities for professionals to augment and update their knowledge and technical skills in the areas of earth, energy and environment.

Initiatives include customized executive and corporate training for continuing education credit and non-degree courses, and short course intensives tailored to particular audiences.

Additional offerings include symposia, conferences and consultation with local and international businesses. Courses deliver specialized instruction and are offered by individuals or select groups of highly trained professionals. SPACE is a leading provider of science, technology, engineering and mathematics education for Colorado teachers, with courses presented in cooperation with the Extended Studies Program of the Colorado Commission on Higher Education.

For more information, see www.csmspace.com, call 303-279-5563 or send an e-mail to space@mines.edu.



GEOLOGY MUSEUM

The Colorado School of Mines Geology Museum, located at 1310 Maple St. in Golden, is home to two moon rocks collected during the Apollo 15 and Apollo 17 missions, as well as mineral, fossil, gemstone, meteorite and historic mining artifact exhibits on two floors. Admission is free.

An ultraviolet exhibit in a simulated mine features dozens of brilliantly fluorescing minerals from around the world. An outdoor geologic trail features seven outcrops with various geologic and paleontological points of interest, including fossilized dinosaur tracks, logs and leaves. The Museum Gift Shop, on the lower level of the building, features a variety of minerals, fossils and books.

For more information, see www.mines.edu/Geology_Museum, call 303-273-3815, or e-mail geomuseum@mines.edu.



COLORADO SCHOOL OF MINES FOUNDATION

As the designated gift-receiving agency for the school, the CSM Foundation is a tax-exempt organization that exists solely for the benefit of Mines and its students.

It manages the school's \$231 million endowment, helps friends and alumni make tax-favored gifts, and receives and stewards charitable bequests to the school. The foundation, overseen by a board of governors, is an important partner in fulfilling the school's mission.

Contact the CSM Foundation, Inc., at P.O. Box 4005, Golden, CO 80401-0005, or 303-273-3143. For more information, see giving.mines.edu.



MINES.EDU