



COLORADO SCHOOL OF MINES
EARTH • ENERGY • ENVIRONMENT

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

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.

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

Mines students graduate with a strong **sense of integrity, intellectual curiosity**, demonstrated ability to get a job done in collaborative environments, passion to achieve goals, and an enhanced sense of responsibility to **promote positive change** in the world.

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**.



COLORADO SCHOOL OF MINES

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



COST OF ATTENDANCE

2014-15 Undergraduate Expenses

	Resident	Non-resident
Tuition	\$14,790	\$31,470
Fees	\$2,128	\$2,128

FINANCIAL AID

82 percent of all undergraduate students receive financial aid. Mines financial assistance program totals more than \$40 million, including:

- \$22.7 million in federal, state and Mines grants and scholarships
- \$1 million in work-study funds available for students
- \$14 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:

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

FALL 2014 ENROLLMENT

UNDERGRADUATE | GRADUATE | TOTAL

APPLIED SCIENCE & ENGINEERING

1,447

Chemical & Biological Engineering	634	84	718
Chemistry	83	61	144
Metallurgical & Materials Engineering	154	121	275
Physics	237	73	310

EARTH RESOURCE SCIENCES & ENGINEERING

1,855

Economics & Business	20	113	133
Geology	150	183	333
Geophysics	135	83	218
Liberal Arts & International Studies		12	12
Mining	119	54	173
Petroleum	889	97	986

ENGINEERING & COMPUTATIONAL SCIENCES

2,237

Applied Mathematics & Statistics	84	33	117
Civil & Environmental Engineering	322	143	465
Electrical Engineering & Computer Science	469	106	575
Mechanical Engineering	953	127	1080

UNDECIDED

134

134

TOTAL

4,383

1,290 5,673

BY THE NUMBERS

1: The largest collegiate section of the Society of Women Engineers

12: RMAC Players of the Year (across all sports)

18: Intercollegiate athletic teams at Mines

30: Average ACT score for entering freshmen

91, 94, 97: Percentage of bachelor's, master's and PhD graduates who had positive outcomes upon graduation in 2013-14

94: Freshman to sophomore retention percentage rate

180: Student organizations on campus

5,673: Degree-seeking undergraduate and graduate students

\$47.8 million: Amount given by donors during fiscal year 2013 (the most successful fundraising year ever)

\$53.7 million: Total research awards in 2014, roughly half funded by non-federal sources

\$271 million: Total Mines endowment as of June 2014





MINES IS RANKED

#1 engineering school (out of 281) in the nation by College Factual and USA TODAY College.

#3 in the nation for starting salaries for graduates at \$68,600 by PayScale. Mines was ranked **#41** overall for mid-career salary average of \$109,500.

#6 in Business Insider's "The 104 Smartest Public Colleges in America."

#38 in U.S. News and World Report's Top Public Schools in "2015 Best Colleges." Mines also ranked **#41** in Best Engineering Programs (where the highest degree is a doctorate), **#88** for Best National Universities.

- U.S. News and World Report also ranked Mines **#36** in student selectivity, **#45** in the high school counselor reputation score.

#41 in the 2013-14 Learfield Sports Directors' Cup by the National Association of Collegiate Directors of Athletics.

UNDERGRADUATE ADMISSIONS

Admission to Mines is highly selective. More than 13,000 students vie each year for approximately 950 spots in the freshman class. Mines entering class score averages include 30 on the ACT, 1320 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
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 Sept. 1 for spring semester.

For more information:

Graduate Admissions Office
1500 Illinois St., Golden, CO 80401
303-273-3247 / 800-446-9488
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 economically viable and sustainable way, is central to Mines' specialized mission. Mines faculty and students research new frontiers in resource exploration, extraction and processing, renewable energy production and distribution, advanced materials, and environmental impact, mitigation and remediation.

In 2014, research awards totalled \$53.7 million, with roughly half funded by non-federal sources.

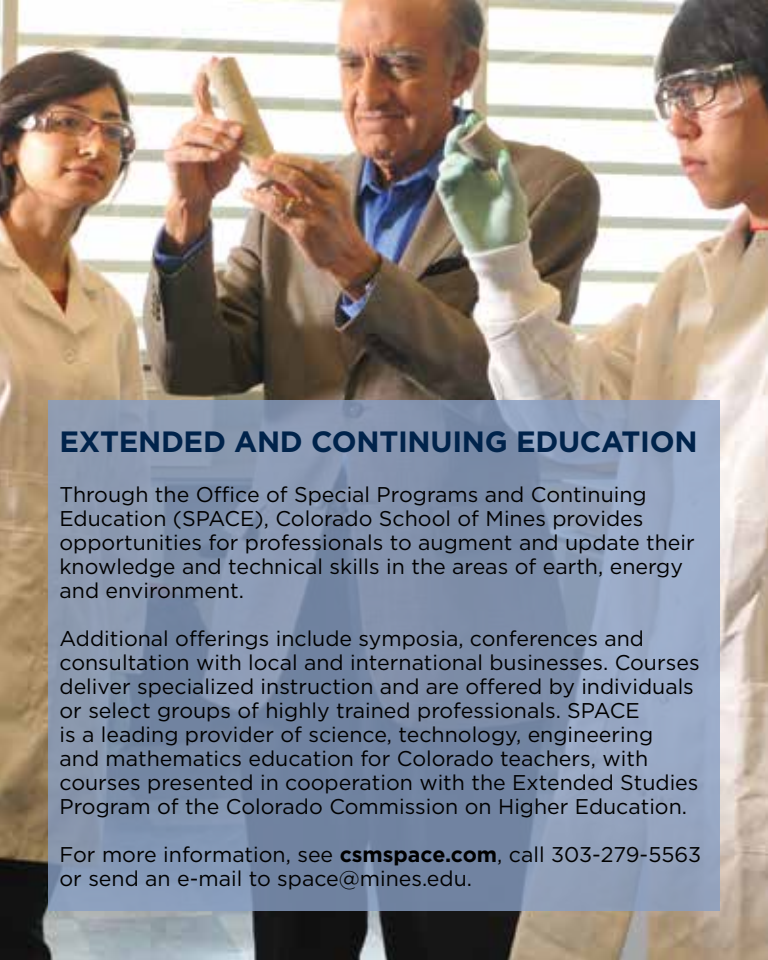
For more information, see research.mines.edu.

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 more than 40 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 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.

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 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, contains extensive displays of minerals, mining artifacts, meteorites, fossils and gemstones as well as a walk-through mine exhibit. Admission is free.

Highlights include an introductory video on area geology, the Miss Colorado Crown, as well as colorful ultraviolet mineral displays. Murals originally exhibited at the Golden Gate International Exposition in 1939 depict the history of mining and can be seen in the main gallery. Moon rocks from Apollo 15 and Apollo 17 are also displayed. The Museum Gift Shop, on the lower level of the building, features a variety of minerals, fossils and books.

For more information, see 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 \$271 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

