



**COLORADO SCHOOL OF MINES**  
EARTH • ENERGY • ENVIRONMENT



## **Engineering the Way**

Colorado School of Mines is a public research university devoted to engineering and applied science. It has the highest admission standards of any public university in Colorado and among the highest of any public university in the nation.

Since its founding in 1874, Mines has distinguished itself by developing educational and research programs that address the world's critical needs for energy, materials, water and the responsible stewardship of the earth. Today, those needs are focused more clearly than ever before.

Mines faculty and students are engineering the way by 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.

## **Campus and Community**

The Mines campus features beautifully renovated historical architecture, as well as award-winning new state-of-the-art buildings.

Mines is located in Golden, Colo., only 15 miles west of Denver's downtown business district. Golden, a thriving community of 17,000, offers outdoor adventure with small town atmosphere and convenient access to big city attractions. Nestled in the foothills of the Rocky Mountains near many of the world's premier ski resorts and Rocky Mountain National Park, the area enjoys 300 days of sunshine a year.

Some big-name Golden neighbors include the National Renewable Energy Laboratory, a frequent research partner, and the Coors Brewing Company.



## Cost of Attendance

### 2010 - 2011 Undergraduate Expenses

	<b>Resident</b>	<b>Non-resident</b>
Tuition	\$11,550	\$25,980
Fees	\$1,875	\$1,875
Room and board	\$8,596	\$8,596
Books and supplies	\$1,300	\$1,300
Miscellaneous	\$1,800	\$1,800
<b>TOTAL</b>	<b>\$25,121</b>	<b>\$39,551</b>

## Financial Aid

80 percent of all undergraduate students receive some type of financial assistance. The Mines financing program has resources totaling more than \$33.8 million, including:

- \$16 million in federal, state and Mines grants and scholarships
- \$618,000 in work-study funds available for students
- \$15 million awarded in student loans
- \$2.25 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](http://www.mines.edu/CostandFinancialAid)** or call 303-273-3220.

## Fall 2010 Enrollment\*

Chemical & Biochemical Engineering

Chemical Engineering

Chemistry & Geochemistry

Economics & Business

Engineering

Environmental Science & Engineering

Geochemistry

Geology & Geological Engineering

Geophysics

Hydrology

Liberal Arts & International Studies

Materials Science

Mathematical & Computer Sciences

Metallurgical & Materials Engineering

Mining Engineering

Nuclear Science & Engineering

Petroleum Engineering

Petroleum Reservoir Systems

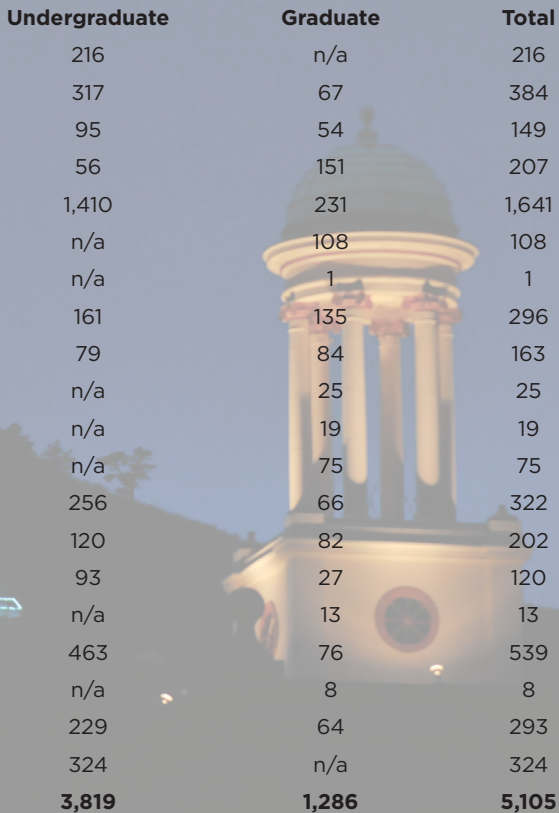
Physics

Undecided

**TOTAL**

\*includes double majors





<b>Undergraduate</b>	<b>Graduate</b>	<b>Total</b>
216	n/a	216
317	67	384
95	54	149
56	151	207
1,410	231	1,641
n/a	108	108
n/a	1	1
161	135	296
79	84	163
n/a	25	25
n/a	19	19
n/a	75	75
256	66	322
120	82	202
93	27	120
n/a	13	13
463	76	539
n/a	8	8
229	64	293
324	n/a	324
<b>3,819</b>	<b>1,286</b>	<b>5,105</b>



### **Mines is ranked:**

- **29th** in the “Top 50 Public National Universities” and 72nd among “Best National Universities”, both public and private, according to the 2011 edition of “America’s Best Colleges” by *U.S. News and World Report*
- **69th** (in state) and **78th** (out of state) in *Kiplinger’s “100 Best Values in Public Colleges 2009-10”*
- **No. 1** in PayScale.com’s 2010-2011 list of “Best Western U.S. Colleges By Salary Potential (Excluding California)” by pay with a starting median salary of \$61,600



## Mines by the numbers:

- **4,800:** Student body including undergraduates and graduates
- **15:1:** Student-to-faculty ratio
- **34:** Average undergraduate class size
- **29:** Average ACT score for entering freshmen
- **726:** Average GRE quantitative score for graduate students
- **155:** Student organizations on campus
- **18:** Intercollegiate athletic teams at Mines — more than any other Division II school in Colorado
- **36:** Research centers on the Mines campus
- **2:** The national ranking of the Mines student chapter of the Society of Women Engineers
- **85, 88, 100:** percentage of bachelor's, master's and PhD graduates placed upon graduation in 2009-10

## Also:

- In its feature “What’s Your College Degree Worth?” *Bloomberg BusinessWeek* magazine called Colorado School of Mines the “biggest bargain” when examining Payscale.com data regarding the return on investment graduates of U.S. universities realized over the past 30 years of income. Overall, Mines is the highest ranked university in Colorado at 27th out of 852 universities in the study with a 13.6 percent annual ROI.
- Mines’ Humanitarian Engineering Program was included in the *Popular Science* feature “30 Awesome College Labs.”



## **Undergraduate Admissions**

Admission to Mines is highly selective. Nearly 10,000 students vie each year for 875 spots in the freshman class. Mines applicants' average scores include 1270 on the SAT, 29 on the ACT, and a 3.8 GPA.

High school students may apply for fall admission any time after 11th grade, but before April 1 of their senior year. For spring admission, apply by Nov. 1.

For more information:

**Undergraduate Admissions Office**  
1600 Maple St., Golden, CO 80401  
303-273-3220 / 888-446-9489  
[www.mines.edu/Undergraduate\\_Admissions](http://www.mines.edu/Undergraduate_Admissions)  
[admit@mines.edu](mailto:admit@mines.edu)

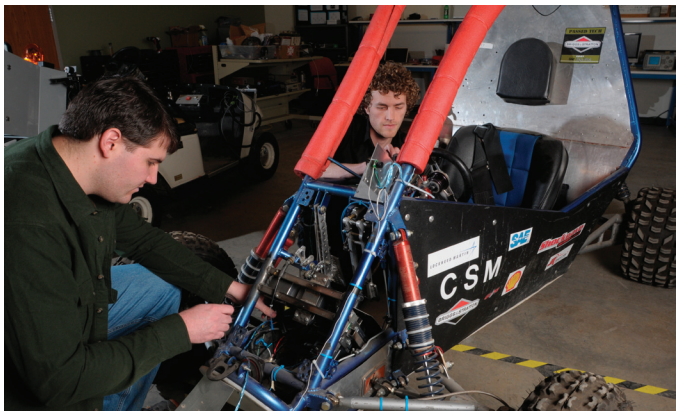
## **Graduate Admissions**

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 Jan. 15 for fall semester and Oct. 15 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](http://www.mines.edu/graduate_admissions)  
[grad-school@mines.edu](mailto:grad-school@mines.edu)



## Graduate Studies

More than 1,100 graduate students from around the world create a stimulating environment that enriches the Mines educational experience. Modern research facilities including 36 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](http://www.mines.edu/Graduate_PR).

## 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 2010, Mines received awards totaling more than \$53.6 million with more than one third funded by private industry and nearly half by federal agencies.

For more information, see [research.mines.edu](http://research.mines.edu).

## Continuing Education

The Office of Special Programs and Continuing Education (SPACE) provides opportunities for working professionals to upgrade their technical job skills and remain abreast of recent developments in their fields of interest. Short courses, conferences and customized programs for a wide range of audiences are taught at venues throughout the world.

SPACE is the leading provider of continuing math and science education for Colorado teachers.

For more information, see [www.mines.edu/Educational\\_Outreach](http://www.mines.edu/Educational_Outreach), call 303-279-5563 or send an e-mail to [space@mines.edu](mailto:space@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 \$166 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](https://giving.mines.edu).

## Geology Museum

The Colorado School of Mines Geology Museum, located at 1310 Maple St. in Golden, originated in 1874. It displays mineral, fossil, gemstone, meteorite and historic mining artifact exhibits on two floors. Admission is free.

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, books and more.

For more information, see [www.mines.edu/Geology\\_Museum](http://www.mines.edu/Geology_Museum), call 303-273-3815, or e-mail [geomuseum@mines.edu](mailto:geomuseum@mines.edu).





**mines.edu**

