

A word cloud centered around the word "Mines" in a large, dark blue font. Other prominent words in orange include "Energy", "Earth", and "Environment". Other words in various shades of blue and grey include "Engineering", "Research", "Innovation", "Opportunities", "Expertise", "Technology", "Society", "Future", "Solutions", "World-class", "Experiential", "Multidisciplinary", "Global", "Pride", "Choices", "Focused", "Resources", "Science", "Humanitarian", "Strategic", "University", "Connections", "Committed", "Enterprising", "Leaders", "Community", "Public", "Diversity", "Knowledge", "Dynamic", "Unique", "Transformative", "World-class", "Innovation", "Opportunities", "Expertise", "Technology", "Society", "Future", "Solutions", "World-class", "Experiential", "Multidisciplinary", "Global", "Pride", "Choices", "Focused", "Resources", "Science", "Humanitarian", "Strategic", "University", "Connections", "Committed", "Enterprising", "Leaders", "Community", "Public", "Diversity", "Knowledge", "Dynamic", "Unique", "Transformative".

**Mines**

**Energy**

**Earth**

**Engineering**

**Environment**

**Research**

**Public**

**Community**

**Leaders**

**Connections**

**Creativity**

**University**

**Strategic**

**Humanitarian**

**Science**

**Resources**

**Focused**

**Choices**

**Pride**

**Global**

**Multidisciplinary**

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**World-class**

**Solutions**

**Future**

**Society**

**Knowledge**

**Dynamic**

**Unique**

**Transformative**

**Enterprising**

**Committed**

**Opportunities**

**Expertise**

**Technology**

**Diversity**

**Innovation**



## Did you know ...

- Mines has a student body of nearly 4,700 (3,600 undergraduates and 1,085 graduates), a student-to-faculty ratio of 14:1, and an average undergraduate class size of 33 students.
- Entering freshmen have an average ACT score of 28 and most rank in the top 10 percent of their high school graduating class. The average GRE score for graduate students is 752.
- Mines ranked 34th in the “Top 50 Public National Universities” and 77th among “Best National Universities,” both private and public, according to the 2010 edition of *U.S. News & World Report’s America’s Best Colleges*.
- Mines ranks No. 1 among state schools for starting salaries of graduates with bachelors’s degrees, with a starting median salary of \$60,000, according to Payscale.com, a global online compensation database.
- Mines has more than 140 student organizations, including the country’s second largest student chapter of the Society of Women Engineers.
- Mines has 18 intercollegiate athletic teams, more than any other Division II school in Colorado.
- The Unconventional Natural Gas Institute — supporting multidisciplinary research in every area of unconventional natural gas exploration and development — was established at Mines in 2009.
- Mines is home to the \$9 million National Science Foundation-funded Renewable Energy Materials Research Science and Engineering Center — a strategic partnership with the National Renewable Energy Laboratory, the University of New South Wales and Imperial College London.



## **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 U.S.

Mines has distinguished itself by developing a curriculum and research program geared toward responsible stewardship of the earth and its resources. In addition to strong education and research programs in traditional fields of science and engineering, Mines is one of a very few institutions in the world having broad expertise in resource exploration, extraction, production and utilization.

Since its founding in 1874, the translation of the school's mission into educational programs has been influenced by the needs of society. Those needs are now focused more clearly than ever before. The world faces a crisis in balancing resource availability with environmental protection and Mines and its programs are central to the solution.

## **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 Brewery Company.



## Cost of Attendance

### 2009 - 2010 Undergraduate Expenses

	<b>Resident</b>	<b>Non-resident</b>
Tuition	\$10,590	\$24,750
Fees	\$1,654	\$1,654
Room and board	\$8,120	\$8,120
Books and supplies	\$1,300	\$1,300
Miscellaneous	\$1,800	\$1,800
<b>TOTAL</b>	<b>\$23,464</b>	<b>\$37,624</b>

## Financial Aid

Eighty-five percent of all undergraduate students receive some type of financial assistance. The Mines financing program has resources totaling more than \$27.5 million, including:

- \$11.2 million in federal, state and Mines grants and scholarships
- \$575,000 of work-study funds available for students
- \$13.7 million awarded in student loans
- \$2 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 2009 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

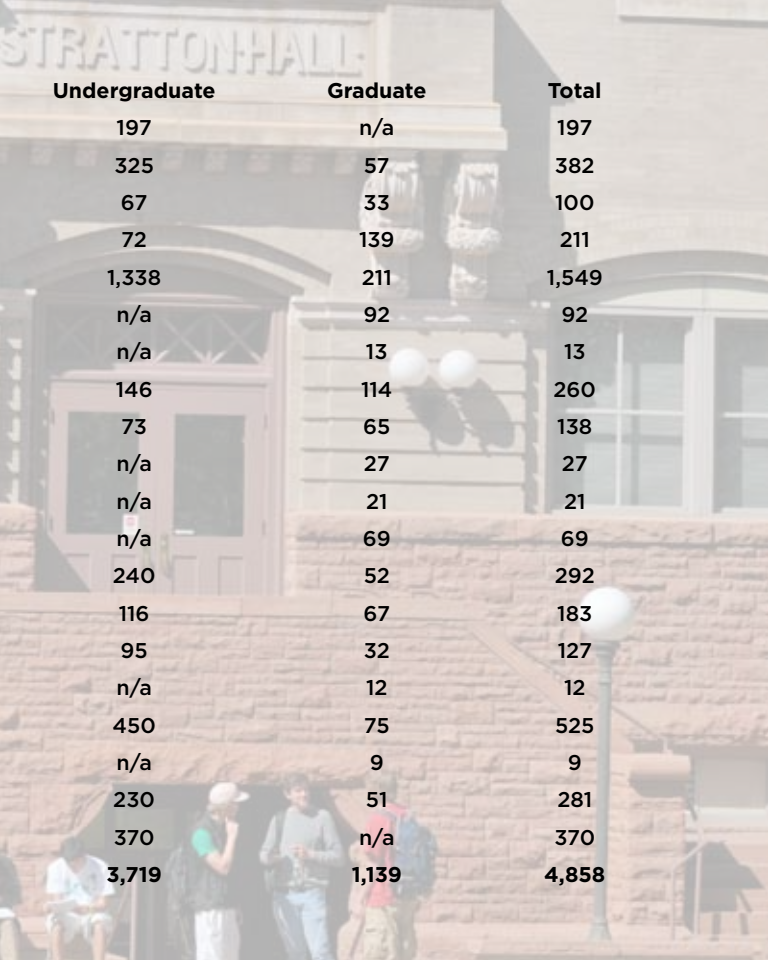
Physics

Undecided

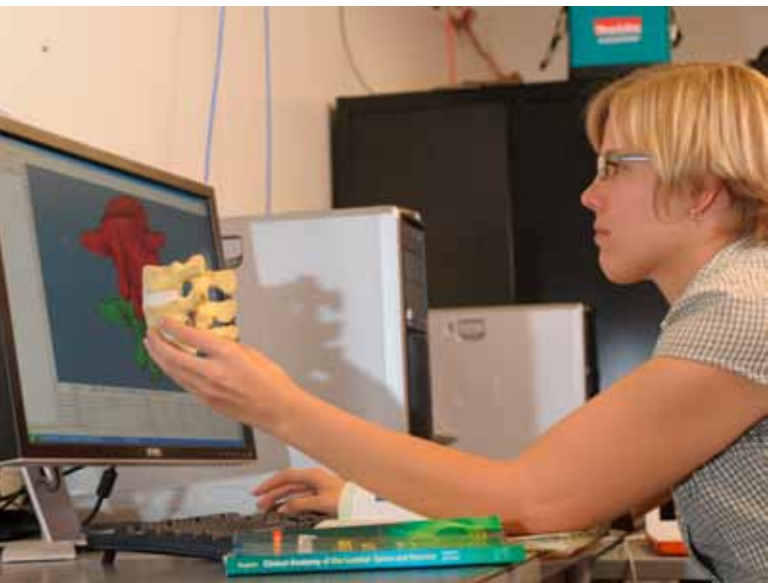
**TOTAL**

\*includes double majors





<b>Undergraduate</b>	<b>Graduate</b>	<b>Total</b>
197	n/a	197
325	57	382
67	33	100
72	139	211
1,338	211	1,549
n/a	92	92
n/a	13	13
146	114	260
73	65	138
n/a	27	27
n/a	21	21
n/a	69	69
240	52	292
116	67	183
95	32	127
n/a	12	12
450	75	525
n/a	9	9
230	51	281
370	n/a	370
<b>3,719</b>	<b>1,139</b>	<b>4,858</b>



## **Undergraduate Admissions**

Admission to Mines is highly selective. Nearly 8,000 students vie each year for 900 spots in the freshman class. Mines applicants' average scores include 1260 on the SAT, 28 on the ACT, and a 3.7 GPA.

High school students may apply for fall admission any time after 11th grade, but before May 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 / 800-446-9489**  
**[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. 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](http://www.mines.edu/graduate_admissions)**  
**[grad-school@mines.edu](mailto:grad-school@mines.edu)**

## Graduate Studies

More than 1,000 graduate students from around the world create a stimulating environment that enriches the Mines educational experience. Modern research facilities including 26 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.

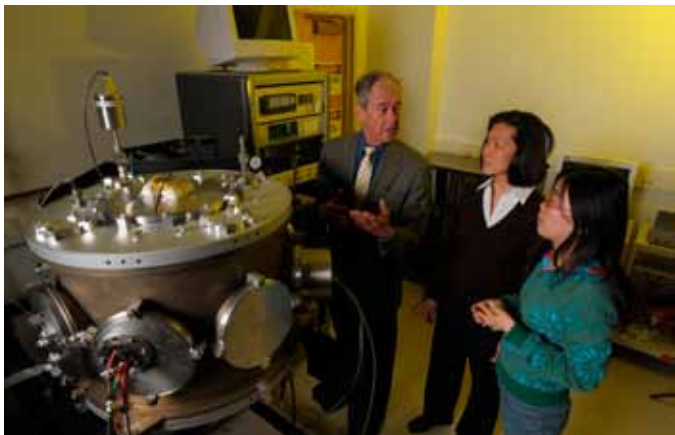
For more information, see [www.mines.edu/Graduate\\_PR](http://www.mines.edu/Graduate_PR).

## 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 2009, Mines received awards totaling more than \$51.4 million with nearly half funded by private industry.

For more information, see [www.mines.edu/Mines-Research](http://www.mines.edu/Mines-Research).



## 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 303-273-3321 or 800-446-9488, ext. 3321, or send an e-mail to [space@mines.edu](mailto:space@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).





## **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 \$148 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 923 16th St., Golden, CO 80401-0005, or 303-273-3143. For more information, see <http://giving.mines.edu>.



**COLORADO**SCHOOL**OF MINES**  
engineering the way

[mines.edu](https://mines.edu)