



**COLORADO**SCHOOL OF **MINES**

# 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 including unconventional oil and 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

### 2012 - 13 Undergraduate Expenses

	<b>Resident</b>	<b>Non-resident</b>
Tuition	\$13,590	\$28,620
Fees	\$2,064	\$2,064
Room and board	\$9,922	\$9,922
Books and supplies	\$1,500	\$1,500
Personal expenses	\$1,125	\$1,125
Miscellaneous	\$1,300	\$1,300
<b>TOTAL</b>	<b>\$29,501</b>	<b>\$44,531</b>

## Financial Aid

80 percent of all undergraduate students receive some type of financial assistance. The Mines financial aid program has resources totaling more than \$39 million, including:

- \$19.3 million in federal, state and Mines grants and scholarships
- \$664,911 in work-study funds available for students
- \$18.7 million awarded in student loans
- \$2.7 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.





## Noteworthy numbers

- **5,409:** Total student body including undergraduates and graduates
- **29:** Average ACT score for entering freshmen
- **170:** The number of student organizations on campus
- **18:** Intercollegiate athletic teams at Mines
- **\$32.5 million:** Amount given by donors during fiscal year 2012 (making it the most successful fundraising year ever)
- **1:** Mines' student chapter of the Society of Women Engineers is the largest in the country
- **90, 94, 95:** percentage of bachelor's, master's and PhD graduates with positive outcomes upon graduation in 2011-12







## Mines is ranked:

- **7th for starting salaries** (\$64,200) among all public and private schools in PayScale's 2012-13 College Salary Report
- **10th** on *Newsweek's* 2012 listing of the 25 **most affordable schools**
- **Top Public University** in PayScale's 2012 **ROI Rankings**
- **32nd** in 2013 **Top Public Schools** by *U.S. News & World Report*, 77th in National Universities
- **69th** on *Kiplinger's* 2012 list of the Top 100 **Best Values in Public Colleges**
- **184th** in *Times Higher Education's* 2012-13 **World University Rankings**, appearing in the Top 200 for the first time
- **21st** among public institutions for endowment dollars per student by the **Commonfund/NACUBO Endowment Study**



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Class of 20...

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Class of...

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## **Undergraduate Admissions**

Admission to Mines is highly selective. Nearly 12,000 students vie each year for 875 spots in the freshman class. Mines applicants' average scores include 1300 on the SAT, 29 on the ACT, and a 3.8 GPA.

High school students are encouraged to apply EARLY in the fall semester of their 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](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.

While there are specific application deadlines, many graduate programs at Mines review applications on a rolling basis. Applications are submitted to the Graduate Office. The office recommends applying by Jan. 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**  
**[www.mines.edu/graduate\\_admissions](http://www.mines.edu/graduate_admissions)**  
**[grad-school@mines.edu](mailto:grad-school@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 2012, Mines received awards totaling more than \$55.7 million with more than half funded by industry and nearly one half by federal and state agencies.

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

## 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 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](http://www.csmSPACE.com), call 303-279-5563 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, 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](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 \$204 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](http://giving.mines.edu).

