FROM HERE, ANYWHERE
Calling all innovators + problem solvers

At Colorado School of Mines, we do more than focus on science and engineering. We inspire students who are driven to be innovators and advance the knowledge of those who want to address today’s greatest challenges, particularly those related to the Earth, energy and the environment.

Let’s set the scene...

300+ days of sunshine. A campus surrounded by mountains, creeks, parks, biking and hiking trails. That’s not all.

Walk three blocks and you’ll find yourself in downtown Golden, Colorado, a vibrant town brimming with restaurants, cafes, shops, museums and music venues—even dinosaur bones! Within 20-30 minutes, the Light Rail will drop you off in Denver. Oh and no big deal, but world-class ski resorts and national parks are just a short drive away.

5 minutes from campus...

JAM to live music at Red Rocks
SIP coffee at Higher Grounds Cafe
CHEER on our Orediggers
CHOW down at Thai Gold Restaurant
CLIMB up Mt. Zion

“My friends from home come here on vacation to do the stuff I do every weekend.”

— Ben Butler, Electrical Engineering, Class of 2021
All work and no play? No way.

Our students are more than GPAs and test scores. They're unique, balanced individuals. And they're looking for a school where they can let their whole self shine. At Mines, we challenge our students to be more than they ever imagined.

Student groups? We have 200+, including:
- Acts of Random Kindness Society
- Art Club
- Astronomy Club
- Anime Club
- Rocket Club
- Slackline Club
- Taekwondo Club
- Turkish Association

National organizations? We have those, too:
- American Indian Science & Engineering Society
- Blue Key Honor Society
- Circle K International
- oSTEM
- Society of Asian Scientists & Engineers
- Society of Hispanic Professional Engineers
- Society of Women Engineers
  (largest collegiate chapter in country)

Learn more about Oredigger life: mines.edu/student-life

M Climb
Be part of a century-old tradition! Every fall, incoming students bring a 10-pound rock from their hometown and carry it (while singing the fight song) from campus to the M on Mt. Zion—all while current students cheer them on. At the end of the year, graduating seniors return to the M to retrieve a rock as a keepsake.

Engineering Days
For three days each spring, Orediggers set aside their studies to celebrate a year’s worth of hard work. Think: fireworks, concerts, engineering-themed games (trebuchet, anyone?), cardboard boat races and an ore cart pull to Denver’s capitol building.

Marching Band
Our marching band is easily recognizable in their hard hats, plaid shirts and hiking boots as inspired by our mascot, Marvin the Miner. But the tuba player takes center stage at the end of the march by breaking through the formation to become the neutron that escapes the nucleus of an atom. BOOM!

Silver Diploma
Don’t worry, you get something much fancier than a whitewashed rock when you complete your degree. Nothing seals the deal like a silver-plated diploma, a tradition since 1934. Talk about going out in style.
17:1 student to faculty ratio

33 average freshman class size

25 average upper level class size

17:1 student to faculty ratio

$66K average starting salary after graduation

80% students with ≥ 1 internship or co-op

200+ student organizations

4,757 undergrads

1,286 grad students

18% multicultural

29% female

12% international

50 states

68 countries

26 research centers and institutes

1,200 students living in residence halls

12 makerspaces + workshops

7 theme learning communities
- Adventure Leadership Community
- Athletics and Wellness
- Engineering Grand Challenges
- First Year Honors Explore Experience
- Nucleus Scholars
- Oredigger Leadership Community
- Visual and Performing Arts

3.75-4.00 middle 50% unweighted GPA

1330-1470 middle 50% SAT composite

30-34 middle 50% ACT composite

200+ student organizations

1,150 incoming freshmen

175 incoming transfers

12 theme learning communities
- Adventure Leadership Community
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7 theme learning communities

18 Academic All-Americans in 17-18

570 intramural and club sport teams

18 Division II varsity sports

2018 Accepted Student Profile

$66K average starting salary after graduation

80% students with ≥ 1 internship or co-op

12.6k applications received

1,150 incoming freshmen

175 incoming transfers

287 STEM employers at fall Career Day

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Life outside the classroom
with Casey, Biochemistry, Class of 2019

Night hike up Mnt. Zion. (where the M is)

Just won the IM flag football championships!

Just played at the 2018 Convocation.

Whitewater rafting in Idaho Springs.

Watching the Broncos!

Playing on the women’s rugby team.

A quick hike up South Table Mountain.

Nothing beats a concert at Red Rocks Amphitheater.

School photo booth during Rock the Lock.

Learn more about undergraduate degree programs: mines.edu/academics

Areas of Special Interest

- Advanced Manufacturing
- Aerospace Studies (Air Force ROTC)
- Applied Mathematics & Statistics
  - Computational & Applied Math Emphasis
  - Statistics Emphasis
- Applied Physics
- Biochemistry
- Biology
- Biomedical Engineering
- Biophysics
- Business & Entrepreneurship
- Chemical Engineering
- Biological Engineering Track
- Phases Engineering Track
- Chemistry
  - Biochemistry Track
  - Environmental Chemistry Track
- Civil Engineering
- Civil & Environmental Engineering
- Computer Science
  - Business Specialty
  - Computer Engineering Specialty
- Data Science Specialty
- Research Honors Specialty
- Robotics & Intelligent Systems Specialty
- Cultures, Creativity & Communication
- Digital Systems
- Economics
- Electrical Engineering
  - Power Systems & Power Electronics Emphasis
- Energy Systems & Power Electronics Emphasis
- Information & Systems Sciences Emphasis
- Integrated Circuits & Electronics Emphasis
- Energy
- Engineering & Technology Management
- Engineering
  - Communities Development Specialty
  - Corporate Sustainability Specialty
  - Energy Studies Specialty
- Individualized Specialty
  - Music, Audio Engineering & Recording Arts Specialty
  - Robotics & Automation Specialty
- Water Security Specialty
- Engineering for Community Development

- Aerospace Engineering
- Entrepreneurship
- Environment & Sustainability Studies
- Environmental Chemistry
- Environmental Engineering
- Explosives Engineering
- Explosive Processing of Materials
- Geochemistry
- Geological Engineering
- Environmental, Engineering Geology & Geotechnics & Geoscientist Engineering Emphasis
- Geology
- Geophysical Engineering
- Geophysics
- Global Politics & Society
- Hydrology
- Leadership in Social Responsibility
- Mathematical Sciences
- Materials Science
- Mechanical Engineering
- Mechanical Engineering
- Mineline Honors in Public Affairs
- Mechatronics Engineering
- Military Science (Army ROTC)
- Mineral & Energy Economics
- Mineral Exploration
- Mining & Earth Systems Engineering
- Mining Engineering
- Mining Engineering & Management
- Music, Audio Engineering & Recording Arts
- Music Technology
- Natural Resources & Energy Policy
- Nuclear Engineering
- Operations Research
- Petroleum Data Analytics
- Petroleum Engineering
- Physics
- Polymeric Chemistry
- Quantitative Risk & Sustainability
- Space & Planetary Science & Engineering
- Space Resources
- Structural Engineering
- Underground Construction & Tunneling
- Water Sustainability

Learn more about undergraduate degree programs: mines.edu/academics

*Areas of Special Interest
Feels like home

Upperclassmen housing
Choose from Greek Row, on-campus suite-style halls or off-campus apartments in Mines Park and Golden.

Like-minded living
Theme Learning Communities let you live with students with similar academic or lifestyle interests.

On-the-go fuel
Pop into the Periodic Table, home to all-American and Tex-Mex favorites.

Getting around
Bring or borrow a bike, snag the campus shuttle or grab a Zipcar or the bus to go to Denver and beyond!

Mind, body, soul
The W. Lloyd Wright Student Wellness Center has a dental clinic and health & counseling center.

Sweet, sweet Golden
Our vibrant town is only a few blocks away—brimming with restaurants, cafes, shops, museums and music venues.

Safe + sound
Real-time updates, a safe ride home, a public safety team and more ensure the safety and security of every Oredigger.

Work it out
Rock the 4K sq. ft climbing wall & more at our 150K sq ft Rec Center. Want to rent gear or indulge in a weekend outdoor adventure? Our Outdoor Rec Center’s got you covered.

Live your best life
Our Dept. of Residence Life coordinates ~450 programs per semester (Pro tip: Don’t miss the De-Stress with Dogs during finals week).
Experience Mines+

Enroll in programs that challenge your thinking. Travel to places that make you see the world differently, and say yes to new experiences—you never know where they might take you.

Women in Science, Engineering and Mathematics (WISEM)

WISEM works toward enhancing opportunities for women in engineering and applied science careers; increasing the recruitment, retention and graduation of female students; and providing programming, training and mentoring to Mines students, faculty and staff. Learn more at: mines.edu/wisem

Honors at Mines

In the Thorson First Year Honors program, you’ll be immersed in a year-long exploration of engineering and science, design, ethics and the arts. As a sophomore, you can join the McBride Honors Program to continue building your leadership, critical thinking and effective communication skills. Learn more about Honors at Mines: thorson.mines.edu mines.edu/mcbride

Multicultural Engineering Program (MEP)

MEP coordinates a variety of academic, cultural and professional development programs to help build a more diverse and inclusive learning community. MEP supports the American Indian Science & Engineering Society; National Society of Black Engineers; Out in Science, Technology, Engineering & Mathematics; Society of Asian Scientists & Engineers and Society of Hispanic Professional Engineers.

International Experiences

Build community and competencies abroad. From Australia to Zambia, Mines offers opportunities that further enhance your educational experience and cultural awareness through study abroad and service learning trips. Learn more at: mines.edu/oip

Undergraduate Research

Undergraduate students contribute to innovative and cutting-edge research, working directly with faculty mentors in every academic discipline. Learn more about undergraduate research: mines.edu/undergraduate-research
From here, anywhere

Our alumni are everywhere! Whether traveling for business or pleasure, pursuing a new degree or career abroad or settled into a community in the United States, you can find an Oredigger in almost every major city around the world. No matter where they are in the world, the Mines community stays connected and frequently reunites to celebrate the Mines spirit.

Elena Dutcher ’14
Geophysicist, Schlumberger
WesternGeco, Houston

Scott Bennett ’00
General Manager, AllightSykes
Perth, Australia

Dingxin Cai ’18
Graduate Student, UC Berkeley,
Berkeley, Calif.

Matthew McNew ’13
Engineering Manager, Pivotal,
Chicago
The nitty gritty

Can’t-miss deadlines

<table>
<thead>
<tr>
<th>November 1</th>
<th>March 1</th>
<th>May 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Priority application</td>
<td>Financial aid priority</td>
<td>National commitment</td>
</tr>
</tbody>
</table>

Recommended Curriculum

- 4 units of English
- 4 units of college-prep/advanced math (including trigonometry and/or pre-calculus)
- 3 units of history or social studies
- 3 units of lab science (one unit must be physics or chemistry, both if available)
- 2 units of academic electives (such as computer science, STEM, engineering or other college-prep electives, if available)
- 1 unit of foreign language

Admissions Process

- **Step 1:** Complete and submit the online application at mines-info.org/start
- **Step 2:** Ask your counselor to send us your official high school transcript
- **Step 3:** Send us your official or self-reported SAT or ACT scores
- **Step 4:** Check the status of your application and decision in your applicant portal

Learn more about admissions:
mines.edu/undergraduate-admissions

See for yourself

The best way to find your fit is to visit! Bring sunglasses, comfy shoes and your sense of curiosity and adventure. Experience campus and connect with our community through daily info sessions, campus tours and other visit programs.

Plan your visit: tour.mines.edu/visit

“We continue to be impressed by the caliber of students at Mines. Not just bright, they are mature, grounded and resourceful.”

- Kim Andrade, Talent Development Director, Imerys

November 1
Priority application

March 1
Financial aid priority

May 1
National commitment

“Can’t-miss deadlines”

“Recommended Curriculum”

“Admissions Process”

“See for yourself”

“Learn more about admissions: mines.edu/undergraduate-admissions”

Kim Andrade’s quote

“Can’t-miss deadlines”

“Recommended Curriculum”

“Admissions Process”

“See for yourself”

“Learn more about admissions: mines.edu/undergraduate-admissions”
Crunching the numbers

College can be a big investment of time, energy and finances, but there are many options available to help make your Mines dream a reality. We have many financial aid professionals readily available to help answer your questions.

### Cost to attend Mines

<table>
<thead>
<tr>
<th></th>
<th>Colorado</th>
<th>Out-of-state</th>
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</thead>
<tbody>
<tr>
<td>Tuition</td>
<td>$16,650</td>
<td>$36,270</td>
</tr>
<tr>
<td>Room &amp; Board</td>
<td>$13,169</td>
<td>$13,169</td>
</tr>
<tr>
<td>Fees</td>
<td>$2,314</td>
<td>$2,314</td>
</tr>
<tr>
<td>Books &amp; Supplies</td>
<td>$1,500</td>
<td>$1,500</td>
</tr>
<tr>
<td>Personal Expenses</td>
<td>$1,870</td>
<td>$1,870</td>
</tr>
<tr>
<td><strong>Total Cost</strong></td>
<td><strong>$35,503</strong></td>
<td><strong>$55,123</strong></td>
</tr>
</tbody>
</table>

Meet Daniel Martinez ’18

- Built his own personal computer
- Christian Challenge treasurer
- Ultimate frisbee intramural semifinalist
- Works in the Campus Living office
- 1st place in the Clean River Design Challenge
- Researches biogeochemical cycles in pine needles from bark beetle kills
- Environmental Engineering Major
- Works as a session teaching assistant
- 1st place in the Clean River Design Challenge

Financial Aid

80% Students who received some type of financial assistance

Learn more about Financial Aid: finaid.mines.edu

“Mines students have the technical skills and drive to find business solutions for our clients and the ability to collaborate with a diverse group of people.”

- Lindsey Sittko, HR, Fast Enterprise