IMAGINE WHAT’S POSSIBLE
CALLING ALL INNOVATORS + PROBLEM SOLVERS

You love STEM! That’s what matters.

It's okay if you don't know exactly what you want to do with your life. That's a big decision. At Colorado School of Mines, we do more than focus on science and engineering. We inspire students to address today's greatest challenges. No matter what major you choose, your Mines education will enhance your skills as a problem solver, critical thinker and team player.

LET'S SET THE SCENE...

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

“MY FRIENDS FROM HOME COME HERE ON VACATION TO DO THE STUFF I DO EVERY WEEKEND.”

Ben Butler, Electrical Engineering
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. 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.

WORK HARD. PLAY HARD.

Our students are more than GPAs and test scores. They’re unique and 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 250+, including:
- Anime Club
- Astronomy Club
- Creative Arts Club
- Hiking & Mountaineering Club
- Math Club
- Mines Green Team
- Mines Hillel
- Robotics Club

National organizations?
We have those, too:
- American Indian Science & Engineering Society
- American Institute of Aeronautics and Astronautics
- Blue Key Honor Society
- Circle K International
- oSTEM
- Society of Hispanic Professional Engineers
- Society of Women Engineers (largest collegiate chapter in the U.S.)

To learn more about life as an Oredigger, visit our Student Life website at mines.edu/student-life.
2021-22 Mines student community

- 5,443 undergrads
- 1,658 grad students
- 50 states
- 1,500 students living in residence halls
- 24% female
- 32% multicultural
- 9% international
- 77% students with ≥ 1 internship or co-op
- 92% positive outcomes six months after graduation
- 250+ student organizations
- 32% female
- 3.8-4.00 middle 50% unweighted GPA
- 1350-1490 middle 50% SAT composite (for applicants who chose to submit scores)
- average starting salary after graduation: $76K
- average class size: 34
- 2022 Accepted Student Profile
- 10 makerspaces + workshops
- Mines hosts a yearly Undergraduate Research Symposium
- 26 research centers and institutes
- Mines is recognized with R1 research university classification
- R1
- 7 signature learning communities
- #1 best college for engineering majors – Money Magazine
- #1 best college in Colorado for getting a job – Zippia
- #7 best value college nationally – PayScale
- #1 best value college in Colorado
- 5,443 student-to-faculty ratio
- 16:1
- 7 residence halls on campus
- 18 Division II varsity sports
- 500 intramural and club sport teams
- 80 countries
- 8 residence halls on campus
- 80 states
- 2021-22 Mines student community

From the Mines Activities Council, who organize large events like E-Days, to fraternities and sororities, and clubs and organizations of all varieties, there is something for everyone!

mines.edu/student-activities

#1 for career return on investment among peer institutions – Georgetown
**Women in Science, Engineering and Mathematics (WISEM)**

WISEM works toward enhancing opportunities for women in engineering and applied science careers, increasing recruitment, retention and graduation of female students, and providing programming, training and mentoring.

[ mines.edu/wisem ]

**Society of Women Engineers (SWE)**

Mines has the largest collegiate SWE section in the U.S. With over 700 members, we attend conferences, network with STEM industry professionals, hold a large number of student leadership positions and do outreach with K-12 girls. You’ll be in good company here at Mines!

[ orgs.mines.edu/swe ]

---

**FIND YOUR FIT**

Whichever major you choose, your Mines education will enhance your skills as a problem solver, critical thinker and team player. Add that with a technical background and hands-on experiences, and you are well-equipped to help solve our global community’s challenges.

“The Society of Women Engineers (SWE) has been essential to my experience at Mines. Every member I meet—whether at one of our section’s events or the national conference—is passionate, hardworking and more than willing to help another SWE member. I love this organization because it allows me to connect with inspiring women outside my major, revitalizes my passion for STEM and provides the support I need to overcome the challenges of engineering.”

Sophia Becker, Chemical Engineering

---

**A SENSE OF PLACE**

Our hometown of Golden has a mountain town feel with big city amenities right outside your door. Being nestled in the foothills of the Rocky Mountains gives you access to outdoor adventures. Or, take a short drive to world-class ski resorts, mountain biking and hiking trails. We’re also just a short drive, bus or train ride from Denver, offering access to museums, art galleries, sporting events and more. Not to mention, a number of companies ranging from startups to large corporations have a home in Colorado, including names like Lockheed Martin, Ball Corporation, Google and the National Renewable Energy Laboratory (NREL), just to name a few. Our location makes Mines a great place to find internships and work experiences, or kickoff your next adventure, where ever that may take you!

- **5 min** walk is Mt. Zion, where you can hike, bike, parasail and more
- **15 min** from the Mines campus is Red Rocks Park & Amphitheater
- **1 hour** drive up Interstate 70 places you near world-class ski resorts and mountains

Curious about life on campus, outdoor activities and other adventures in the surrounding area? Visit our Golden page!
FEELS LIKE HOME

Upperclass housing
Choose from Fraternity and Sorority Row, on-campus suite-style halls or off-campus apartments in Mines Park, Jackson St. Apartments and in Golden.

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

Gettng around
Bring or borrow a bike, grab a Zipcar or ride 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 centers.

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

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 Department of Residence Life coordinates ~450 programs per semester. Pro tip: Don’t miss the De-Stress with Dogs during finals week.
WE’RE IN IT TOGETHER

The Oredigger community can’t wait to learn about your passions, aspirations and experiences.

Here at Mines, building community and connection is the key to happiness, balance and success. 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.

“Mines has given me a community of compassionate and driven individuals who support and encourage one another to reach our goals. We push each other to succeed and celebrate the little victories. Everyone here wants to change the world and it encourages me to get more involved in pursuing my own passions.”

Brigid Mulligan,
Computer Science

Honors at Mines

The Thorson First-Year Honors Experience immerses you in a year-long exploration of engineering and science, design, ethics and the arts. In the first-year Leadership by Design Honors Experience, you’ll approach grand challenges through leadership, communication and design. As a sophomore, you can join the McBride Honors Program to continue building your leadership, critical thinking and effective communication skills.

mines.edu/honors

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.

mines.edu/oip

Multicultural Engineering Program (MEP)

MEP coordinates a variety of academic, cultural and professional development programs to 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.

mines.edu/mep

Undergraduate Research

Undergraduate students contribute to innovative and cutting-edge research, working directly with faculty mentors in every academic discipline.

mines.edu/undergraduate-research

WE’RE IN IT TOGETHER
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

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.

Our alumni are everywhere!

Elena Dutcher ’14
Geophysicist, Schlumberger
WesternGeco, Houston, Texas

Scott Bennett ’00
General Manager, AllightSykes, Perth, Australia

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

Roxanne Skeene ’83
Senior Geophysicist, bp Trinidad & Tobago, Port of Spain, Trinidad

“Learn more about career services and outcomes at mines.edu/careers.”

To learn about graduate programs offered at Mines, visit gradprograms.mines.edu.
See for yourself

The best way to find your fit is to visit. Join us for our signature event experiences! Check out our calendar of events for upcoming visit programs, or be sure to connect with us when we’re in your area. tour.mines.edu/visit

Required curriculum

- 4 units of English
- 4 units of college-prep/advanced math (including trigonometry and/or pre-calculus at a minimum)
- 3 units of lab science (one unit must be physics or chemistry, both if available)

Recommended curriculum

- Advanced mathematics
- Advanced science
- 3 units of history or social studies
- 2 units of academic electives (such as computer science, STEM, engineering, or other college-prep classes, if available)
- 1 unit of foreign language
- 1 Advanced Placement (AP), International Baccalaureate (IB), Cambridge International Advanced Level (A-Levels) and/or concurrent enrollment courses (if available at, or through, your high school)

Admissions process

1. Complete and submit the online application (Golden application or the Common App)
2. Submit the $50 application fee or the $75 international application fee
3. Submit an official or unofficial high school transcript
4. Check the status of your application and decision in your Applicant Portal

Optional, but strongly recommended:
- Essay or personal statement
- Letters of recommendation (1-2)

Note: Select “early action” if you are using the common application and applying for the priority deadline. * For Colorado residents only.

Doing the math

College is a big investment of your time, energy and finances. An important first step? Submitting the Free Application for Federal Student Aid (FAFSA) to determine your financial aid eligibility. Mines offers a range of scholarships, grants, loans and on-campus jobs to make the dream of a Mines degree a reality. We have financial aid professionals who are here to help with all of your questions.

2022-23 cost to attend Mines

<table>
<thead>
<tr>
<th></th>
<th>Colorado</th>
<th>Out-of-state</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuition</td>
<td>$17,520</td>
<td>$39,600</td>
</tr>
<tr>
<td>Room &amp; Board</td>
<td>$16,110</td>
<td>$16,110</td>
</tr>
<tr>
<td>Fees</td>
<td>$2,520</td>
<td>$2,520</td>
</tr>
<tr>
<td>Books &amp; Supplies</td>
<td>$1,500</td>
<td>$1,500</td>
</tr>
<tr>
<td>Personal Expenses</td>
<td>$1,935</td>
<td>$1,935</td>
</tr>
<tr>
<td>Total Cost</td>
<td>$39,585</td>
<td>$61,665</td>
</tr>
</tbody>
</table>

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

Learn more about financial aid at finaid.mines.edu

Schedule a campus tour or view Mines virtually by visiting tour.mines.edu/visit.

85% of students received some type of financial assistance

Submit the Free Application for Federal Student Aid (FAFSA) to determine your eligibility.
MEET ADRIAN PEREZ ’21

Civil engineering major

First-generation student

Mines Challenge Program participant

Interned with Hensel Phelps

Played co-ed intramural flag football

1st Place in 2019 ASCE Regionals Pre-Design Competition Team

Executive Board Member for Society of Hispanic Professional Engineers

1st Place in 2019 ASCE Regionals Surveying Team

VISIT THE MINES BOOKSTORE

The Mines Bookstore is located in the Ben H. Parker Student Center. Shop for Mines gear online at mines.bncollege.com.

NOTES

Thanks for learning more about us!

Want to start your journey towards joining the Oredigger community? Have questions as you're moving through the process? Visit mines.edu/admissions to find even more information, or contact admissions@mines.edu or (303) 384-2027 to connect with your Mines Admissions Counselor.
Colorado School of Mines (Mines) is committed to equal opportunity for all persons. Mines does not discriminate on the basis of age, sex, gender (including gender identity and gender expression), ancestry, creed, marital status, race, ethnicity, religion, national origin, disability, sexual orientation, genetic information, veteran status or current military service. Further, Mines does not retaliate against community members for filing complaints regarding or implicating any of these protected statuses. Mines’ commitment to nondiscrimination, affirmative action, equal opportunity and equal access is reflected in the administration of its policies, procedures, programs and activities and in its efforts to achieve a diverse student body and workforce. More information can be found at: mines.edu/equal-opportunity.

2023 cycle