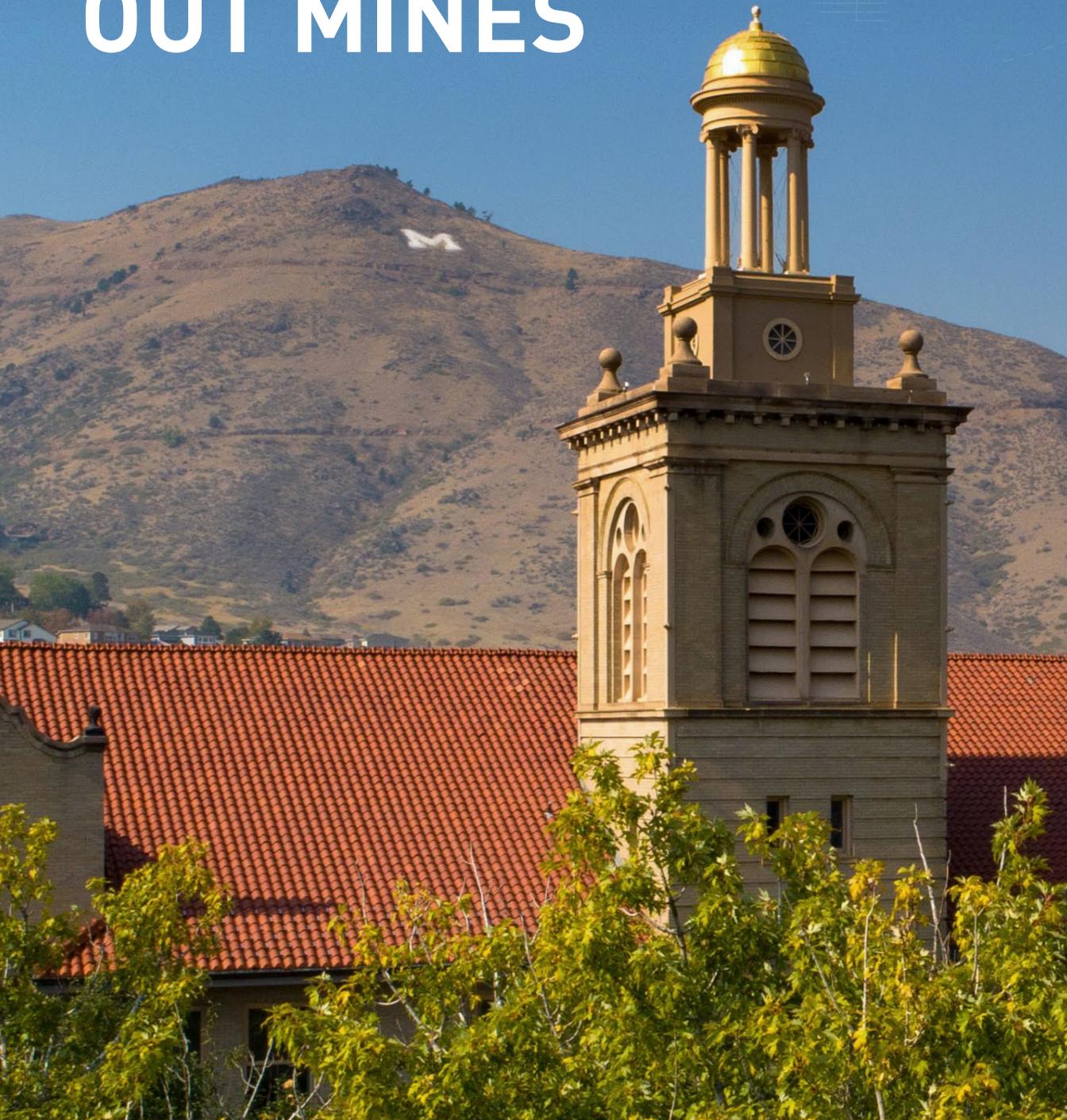




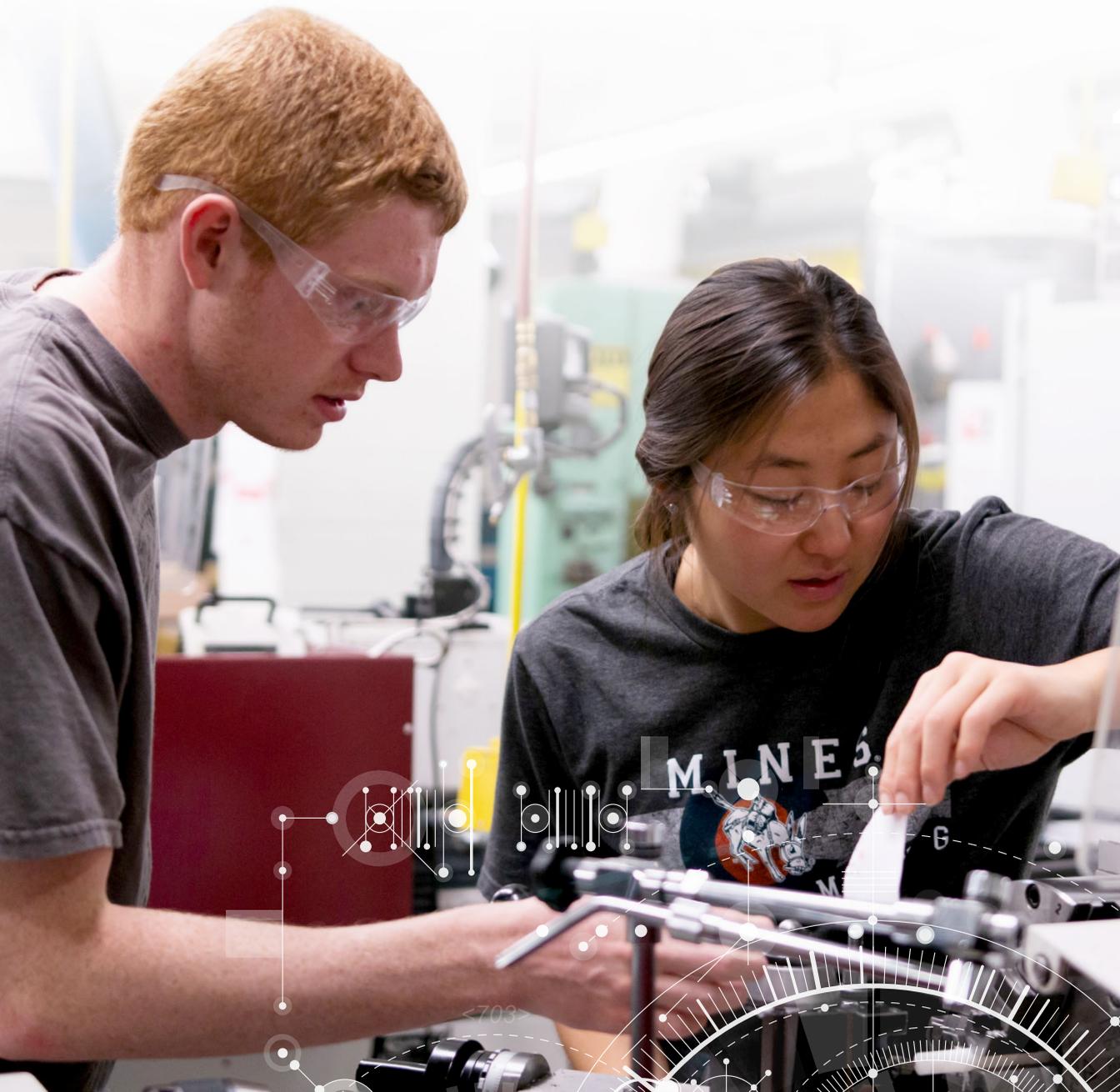
COLORADO SCHOOL OF MINES
EARTH • ENERGY • ENVIRONMENT

MAPPING OUT MINES



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. 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) 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.

Take a 5-minute walk from campus and...



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



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.

All work and no play? No way.

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 220+, 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

2020-21 Mines student community

5,216 undergrads

1,538 grad students

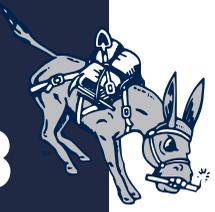
31% female

23% multiracial

4% international

50 states

77 countries





17:1 student to faculty ratio

43 average freshman class size

36 average upper level class size

#1 best value college in Colorado

#7 best value college nationally -PayScale



~1,500 students living in residence halls

8 residence halls on campus

26 research centers and institutes

10 makerspaces + workshops



\$73K average starting salary after graduation

#1 best college in Colorado for getting a job -Zippia

#4 brainiest U.S. college (Harvard was #5) -Lumosity

7 theme learning communities

- Adventure Leadership Community
- Athleticism and Wellness
- Engineering Grand Challenges
- Honors Explore Community
- Nucleus Scholars
- Oredigger Leadership Community
- Visual and Performing Arts

220+ student organizations



77% students with ≥ 1 internship or co-op

Positive outcomes six months after graduation **95%**

2021 Accepted Student Profile

12K applications received

500 intramural and club sport teams

44 All-Americans in '20-'21



7 fraternities

4 sororities



~1,400 incoming freshmen

~170 incoming transfers



18 Division II varsity sports

3.81-4.00 middle 50% unweighted GPA

1340-1490 middle 50% SAT composite (for applicants who chose to submit scores)

Men's Sports	Women's Sports
• Baseball	• Basketball
• Basketball	• Cross Country
• Cross Country	• Soccer
• Football	• Softball
• Golf	• Swimming
• Soccer	• Track & Field
• Swimming	• Volleyball
• Track & Field	
• Wrestling	

Life outside the classroom

with Casey, Biochemistry, Class of 2019



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



Just won the intramural flag football championships!



Whitewater rafting in Idaho Springs.



After playing in the 2018 Convocation.



Watching the Broncos!



Playing on the women's rugby team.



Hiking up South Table Mountain.



Nothing beats a concert at Red Rocks Amphitheater.



School photo booth during Rock the Lock.

MASTERS	ASI*	MINOR	MAJOR	Programs
				Advanced Manufacturing
				Aerospace Studies (Traditional and Air Force ROTC)
				Applied Mathematics & Statistics
				Computational & Applied Math Specialty
				Statistics Specialty
				Biochemistry
				Biology
				Biomechanical Engineering
				Biomedical Engineering
				Biophysics
				Business & Entrepreneurship
				Business Engineering & Management Science
				Chemical Engineering
				Biological Engineering Specialty
				Process Engineering Specialty
				Chemistry
				Biochemistry Track
				Environmental Chemistry Specialty
				Civil Engineering
				Computer Science
				Business Specialty
				Computer Engineering Specialty
				Data Science Specialty
				Research Honors Specialty
				Robotics & Intelligent Systems Specialty
				Culture, Creativity & Communication
				Digital Systems
				Economics
				Electrical Engineering
				Antennas & Wireless Communications Specialty
				Energy Systems & Power Electronics Specialty
				Information & Systems Sciences Specialty
				Integrated Circuits & Electronics Specialty
				Energy Engineering
				Community Development Specialty
				Corporate Sustainability Specialty
				Energy Studies Specialty
				Individualized Specialty
				Music, Audio Engineering & Recording Arts Specialty
				Robotics & Automation Specialty
				Water Security Specialty

MASTERS	ASI*	MINOR	MAJOR	Programs
				Engineering for Community Development
				Engineering Physics
				Entrepreneurship
				Environment & Sustainability Studies
				Environmental Chemistry
				Environmental Engineering Science
				Explosive Engineering
				Explosive Processing of Materials
				Geological Engineering
				Environmental, Engineering Geology & Geo-technics & Groundwater Engineering Specialty
				Minerals & Petroleum Exploration Engineering Specialty
				Geophysical Engineering
				Global Politics & Society
				Leadership in Social Responsibility
				Mathematical Sciences
				McBride Honors in Public Affairs
				Mechanical Engineering
				Metallurgical & Materials Engineering
				Midstream Engineering
				Military Science (Army ROTC)
				Mining Engineering
				Mining Engineering & Management
				Music, Audio Engineering & Recording Arts
				Music Technology
				Operations Research with Engineering
				Petroleum Data Analytics
				Petroleum Engineering
				Physics
				Polymer Chemistry
				Quantitative Biosciences & Engineering
				Quantum Engineering
				Space & Planetary Science & Engineering
				Structural Engineering
				Underground Construction & Tunneling
				Water Sustainability

Learn more about our undergraduate programs: mines.edu/academics/undergraduate-programs.

From Advanced Energy System to Humanitarian Engineering and Space Resources, we have more than 50 graduate programs. Learn more: gradprograms.mines.edu.

*ASI = Area of Special Interest



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

Theme Learning Communities let you live with students with similar academic or lifestyle interests.

Mind, body, soul

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

On-the-go fuel

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

Getting around

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

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.

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.



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

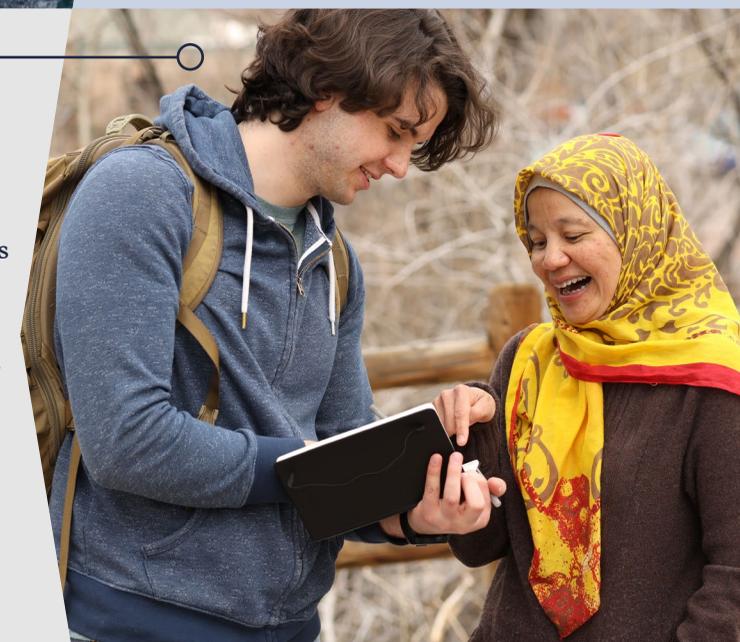
Women in Science, Engineering and Mathematics (WISEM)

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



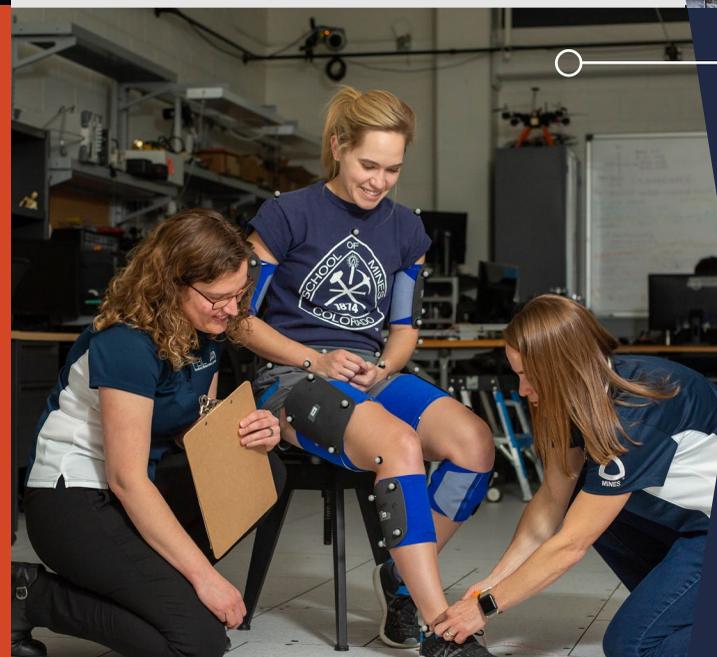
Honors at Mines

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. More about Honors at Mines: thorson.mines.edu
mines.edu/mcbride
mines.edu/honors/leadership-by-design



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. Learn more at: mines.edu/mep



Undergraduate Research

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



Outstanding Oredigger Outcomes

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



No. 2 return on investment

Money Magazine

Learn more about career services and outcomes:
mines.edu/careers



See for yourself

The best way to find your fit is to visit! Bring your questions, sense of curiosity and adventure as you join us on-campus or from the comfort of your own home. Experience campus and connect with our community through daily in-person and virtual info sessions, in-person and virtual campus tours and other visit programs.

Plan your visit: tour.mines.edu/visit

Can't miss deadlines



September 15

Priority I application deadline

November 1

Priority II application deadline

January 15

Regular application deadline

March 1

Financial aid priority deadline

May 1

National commitment day

Note: Select "early action" if you are using the common application and applying for priority deadline I or II.



"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

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)

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

Admissions process

- **Step 1:** Complete and submit the online application (our Golden application or the Common App)
- **Step 2:** Submit the \$25 application fee or \$50 international application fee
- **Step 3:** Submit an official or unofficial high school transcript
- **Step 4:** Check the status of your application and decision in your Applicant Portal

Optional, but strongly recommended:

- Essay or personal statement
- Letter of recommendation



Photo Credit: Rachael Lamman, Class of 2021

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.

2021-22

Cost to attend Mines



	Colorado	Out-of-state
Tuition	\$17,160	\$38,460
Room & Board	\$15,286	\$15,286
Fees	\$2,378	\$2,378
Books & Supplies	\$1,500	\$1,500
Personal Expenses	\$1,879	\$1,879
Total Cost	\$38,203	\$59,503

Financial Aid



85%

Students who received some type of financial assistance

Learn more about Financial Aid:
finaid.mines.edu

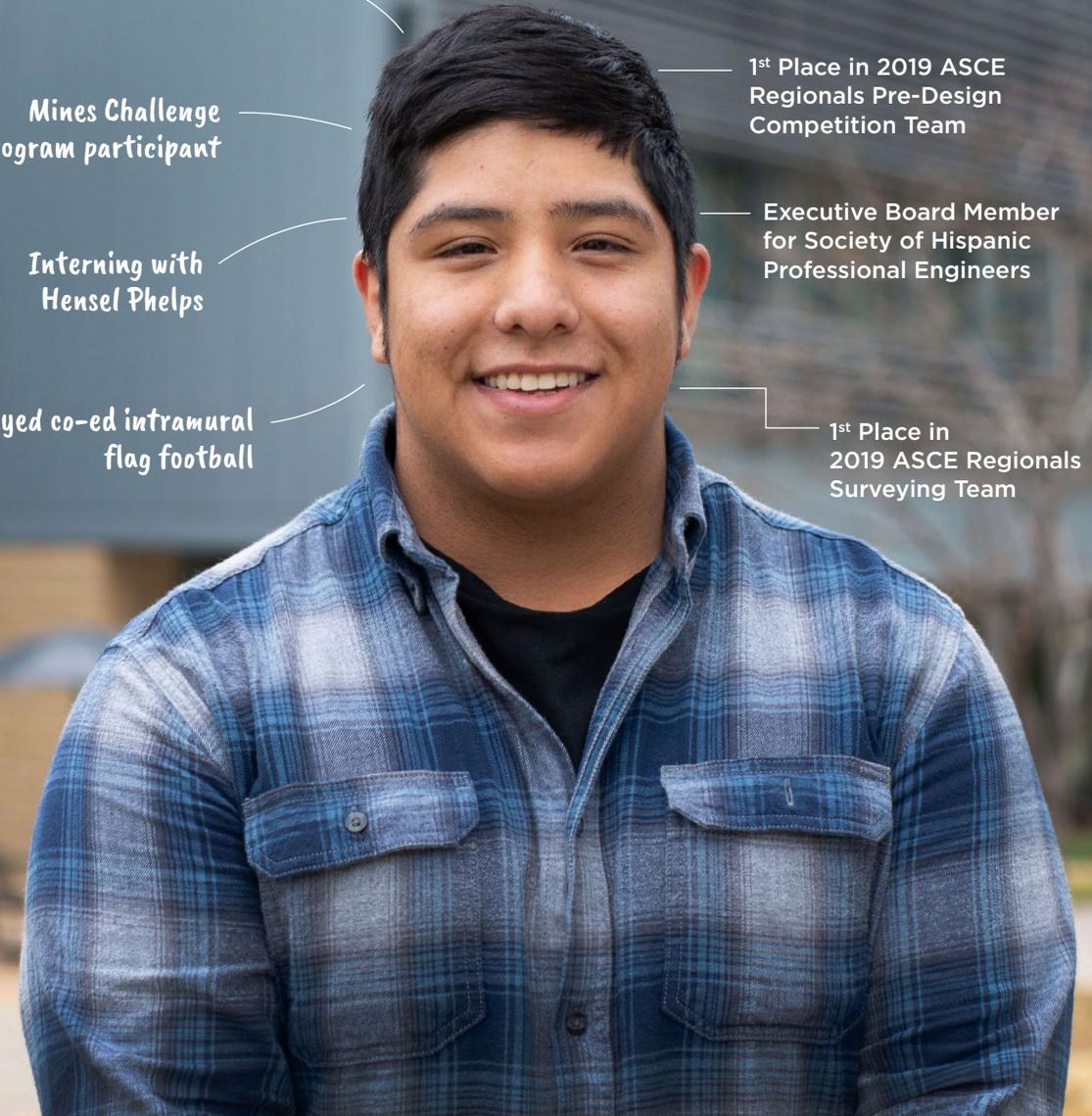


“Mines students have the technical skills and drive to find business solutions for our clients and the ability to collaborate with a diverse group of people.”

- Lindsey Sittko, HR, Fast Enterprise

Meet Adrian Perez '21

- First-generation student
- Mines Challenge program participant
- Interning with Hensel Phelps
- Played co-ed intramural flag football
- Civil engineering major
- 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



20% OFF

OR USE CODE WELCOME21

MINES BOOKSTORE COUPON



MINES.BNCOLLEGE.COM OR ON-CAMPUS
NO EXPIRATION DATE. ONE-TIME USE. GOOD IN-PERSON OR ONLINE.

*Cannot be used on textbooks or any course materials

Office of Admissions
1812 Illinois Street
Golden, Colorado 80401
(303) 384-2027
admissions@mines.edu
mines.edu/admissions

Connect with our community
mines.edu/connect



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.

2022 cycle

