



FROM HERE,  
**ANYWHERE**

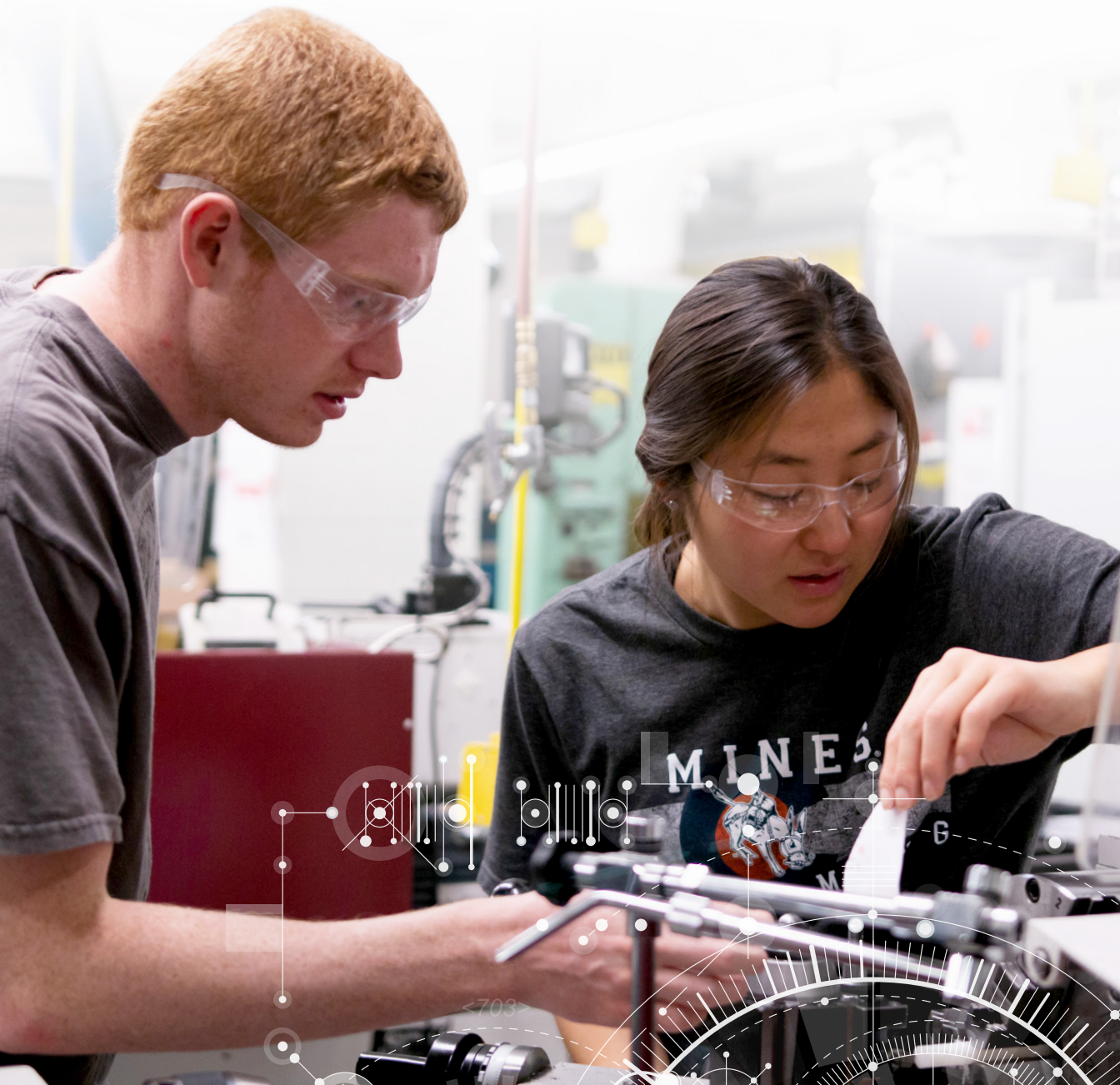


**COLORADO SCHOOL OF MINES**  
EARTH ▲ ENERGY ▲ ENVIRONMENT



# 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](https://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.



4,757  
undergrads



1,286  
grad students

29%  
female

18%  
multiracial

12%  
international

50  
states

68  
countries

200+  
student organizations



7  
fraternities

17%  
students in Greek Life

4  
sororities

17:1  
student to faculty ratio

33  
average freshman  
class size

25  
average upper  
level class size

\$66K  
average starting salary  
after graduation

80%  
students with ≥ 1  
internship or co-op

287  
STEM employers at  
fall Career Day



#1  
best value college  
in Colorado

best value college  
nationally

#11

—SmartAsset



#1  
public university in the West with the  
highest salaries 10 years after graduation  
—The Wall Street Journal  
in mineral & mining engineering  
—QS Global Ranking

#### 2018 Accepted Student Profile

12.6k  
applications received

~1,150  
incoming freshmen

175  
incoming  
transfers



3.75–4.00  
middle 50% unweighted GPA

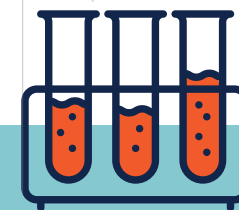
1330–1470  
middle 50%  
SAT composite

30–34  
middle 50%  
ACT composite

1,200  
students living in  
residence halls

26  
research centers  
and institutes

8  
makerspaces +  
workshops



7  
theme learning communities

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

570  
intramural and club  
sport teams

12

Academic  
All-Americans in '17-'18

18

Division II varsity sports



#### Men's Sports

- Baseball
- Basketball
- Cross Country
- Football
- Golf
- Soccer
- Swimming
- Track & Field
- Wrestling

#### Women's Sports

- Basketball
- Cross Country
- Soccer
- Softball
- Swimming
- Track & Field
- Volleyball



# Life outside the classroom

with Casey, Biochemistry, Class of 2019



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



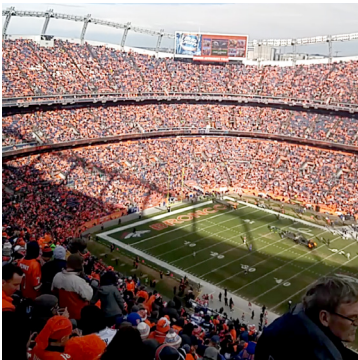
Just won the IM flag football  
championships!



Whitewater rafting in Idaho Springs.



Just played at the 2018 Convocation.



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.

MASTERS	AS*	MINOR	MAJOR	Programs
●	●	●		Advanced Manufacturing
		●		Aerospace Studies (Air Force ROTC)
				Applied Mathematics & Statistics
●	●	●	●	Computational & Applied Math Emphasis
●	●	●	●	Statistics Emphasis
●				Applied Physics
	●			Biochemistry
		●		Biology
		●		Biomechanical Engineering
		●		Biomedical Engineering
		●		Biophysics
		●		Business & Entrepreneurship
			●	Chemical Engineering
			●	Biological Engineering Track
			●	Process 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
		●		Culture, Creativity & Communication
		●		Digital Systems
	●	●	●	Economics
●	●	●	●	Electrical Engineering
			●	Antennas & Wireless Communications Emphasis
		●	●	Energy Systems & Power Electronics Emphasis
		●	●	Information & Systems Sciences Emphasis
			●	Integrated Circuits & Electronics Emphasis
	●	●		Energy
●				Engineering & Technology Management
				Engineering
			●	Community 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

MASTERS	AS*	MINOR	MAJOR	Programs
			●	Engineering Physics
	●			Entrepreneurship
		●		Environment & Sustainability Studies
	●			Environmental Chemistry
●	●		●	Environmental Engineering
		●		Explosive Engineering
		●		Explosive Processing of Materials
●				Geochemistry
	●	●		Geological Engineering
●			●	Environmental, Engineering Geology & Geotechnics & Groundwater Engineering Emphasis
●			●	Minerals & Petroleum Exploration Engineering Emphasis
●				Geology
●		●	●	Geophysical Engineering
●				Geophysics
		●		Global Politics & Society
●				Hydrology
		●		Leadership in Social Responsibility
●				Materials Science
	●	●		Mathematical Sciences
		●		McBride Honors in Public Affairs
●	●	●	●	Mechanical Engineering
●		●	●	Metallurgical & Materials Engineering
		●		Midstream 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
	●			Polymer Chemistry
●				Quantitative Biosciences & Engineering
	●			Space & Planetary Science & Engineering
●				Space Resources
		●		Structural Engineering
●	●	●		Underground Construction & Tunneling
		●		Water Sustainability

Learn more about undergraduate degree programs: [mines.edu/academics](https://mines.edu/academics)

\*Area 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.

## 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 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!

## 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.



## 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](https://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](https://mines.edu/wisem)



## Honors at Mines

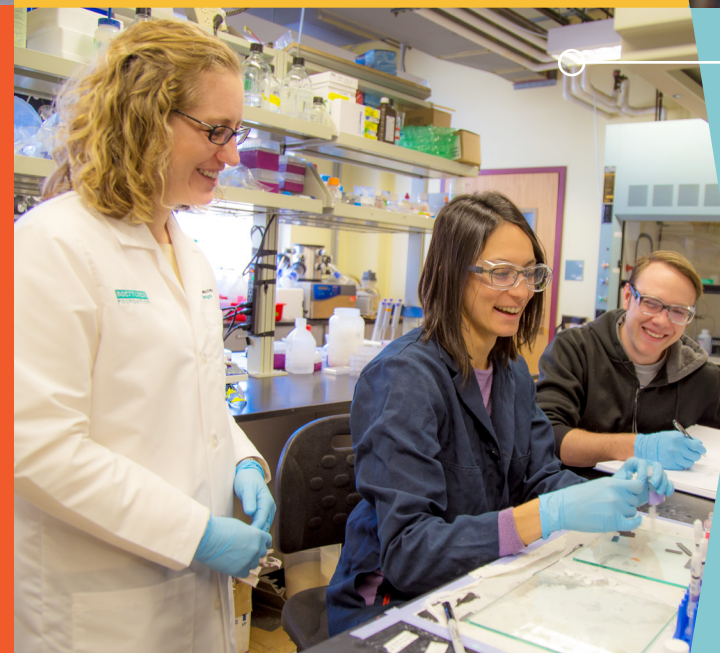
In the Thorson First Year Honors program, you'll be immersed in a year-long exploration of engineering and science, design, ethics and the arts. As a sophomore, you can join the McBride Honors Program to continue building your leadership, critical thinking and effective communication skills. Learn more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

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



## 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](https://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



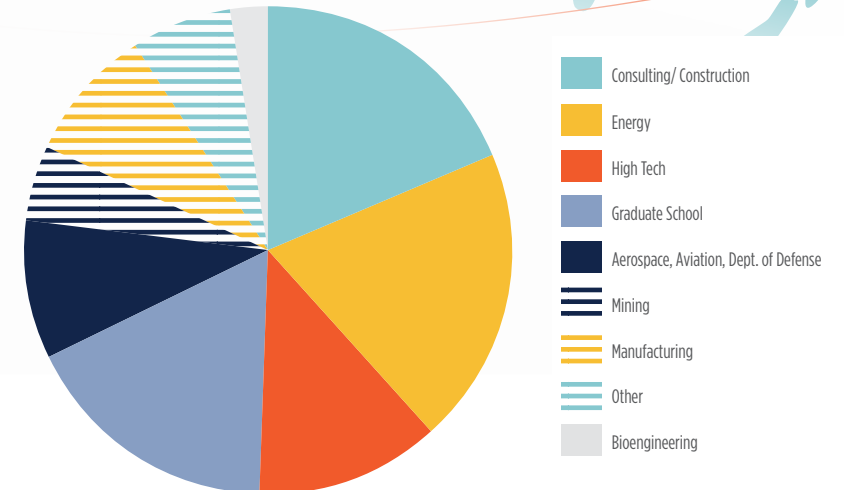
**Scott Bennett '00**  
General Manager, AllightSykes  
Perth, Australia



**Dingxin Cai '18**  
Graduate Student, UC Berkeley,  
Berkeley, Calif.



**Matthew McNew '13**  
Engineering Manager, Pivotal,  
Chicago







# 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](https://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

## The nitty gritty

### Can't-miss deadlines

<b>November 1</b> Priority application	<b>March 1</b> Financial aid priority	<b>May 1</b> National commitment
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### 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](https://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](https://mines.edu/undergraduate-admissions)




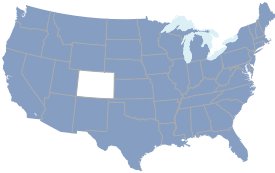


# Crunching the numbers

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.

2018-19

## Cost to attend Mines

	<div>Colorado</div>	<div>Out-of-state</div>
Tuition	\$16,650	\$36,270
Room & Board	\$13,169	\$13,169
Fees	\$2,314	\$2,314
Books & Supplies	\$1,500	\$1,500
Personal Expenses	\$1,870	\$1,870
Total Cost	<b>\$35,503</b>	<b>\$55,123</b>



### Financial Aid

80%

Students who received some type of financial assistance

Learn more about Financial Aid:  
[finaid.mines.edu](https://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 Daniel Martinez '18

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





Office of Admissions  
1812 Illinois Street  
Golden, Colorado 80401

303.384.2027  
admissions@mines.edu  
[mines.edu](https://mines.edu)

**Connect with our community**  
[mines.edu/connect](https://mines.edu/connect)



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. 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](https://mines.edu/equal-opportunity).

