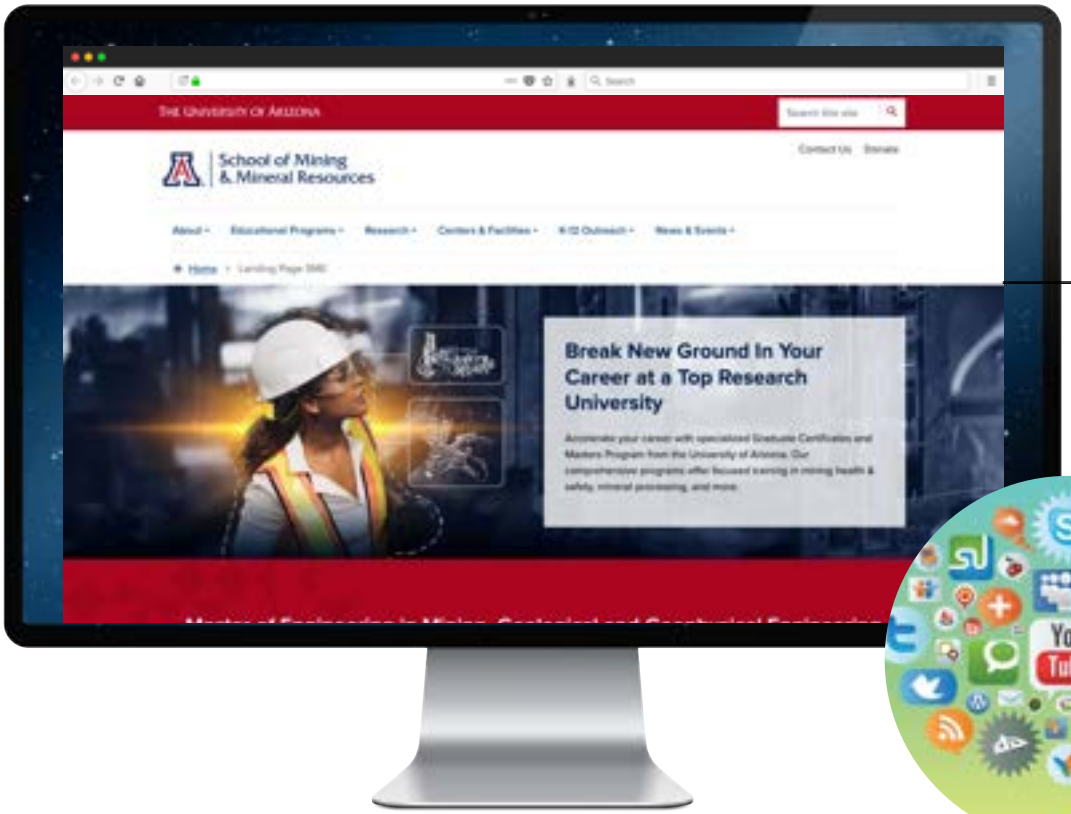
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Break New Ground In Your Career at a Top Research University


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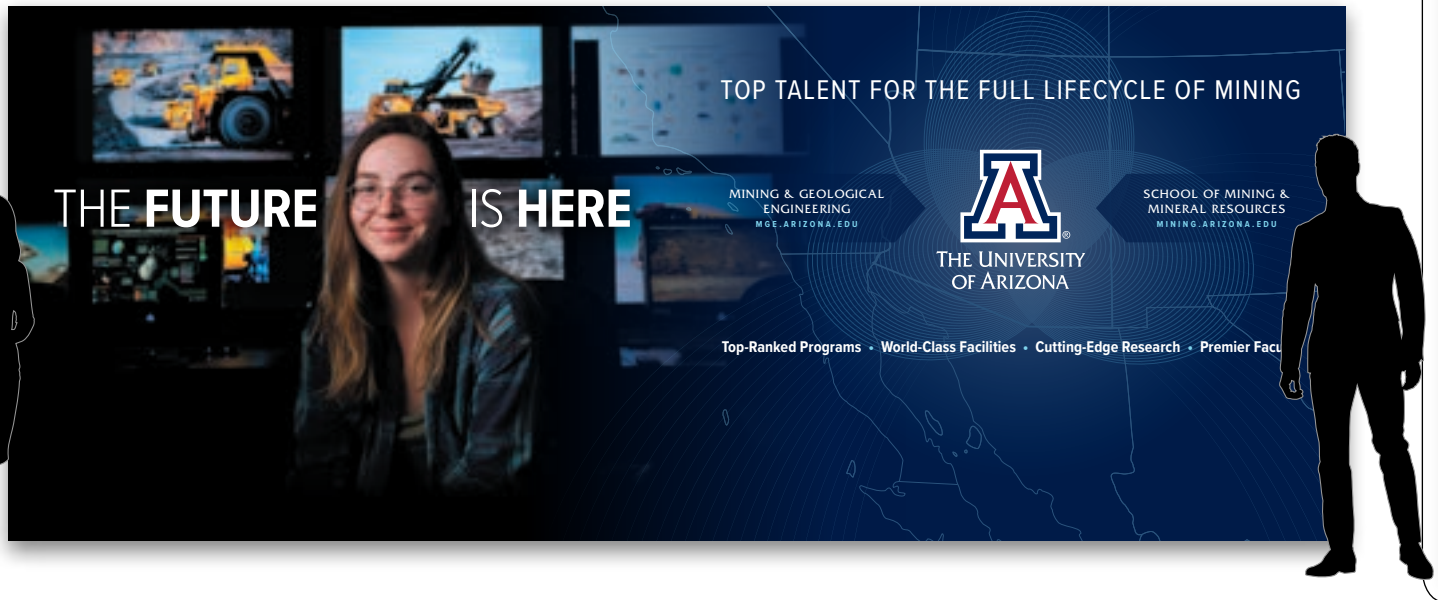
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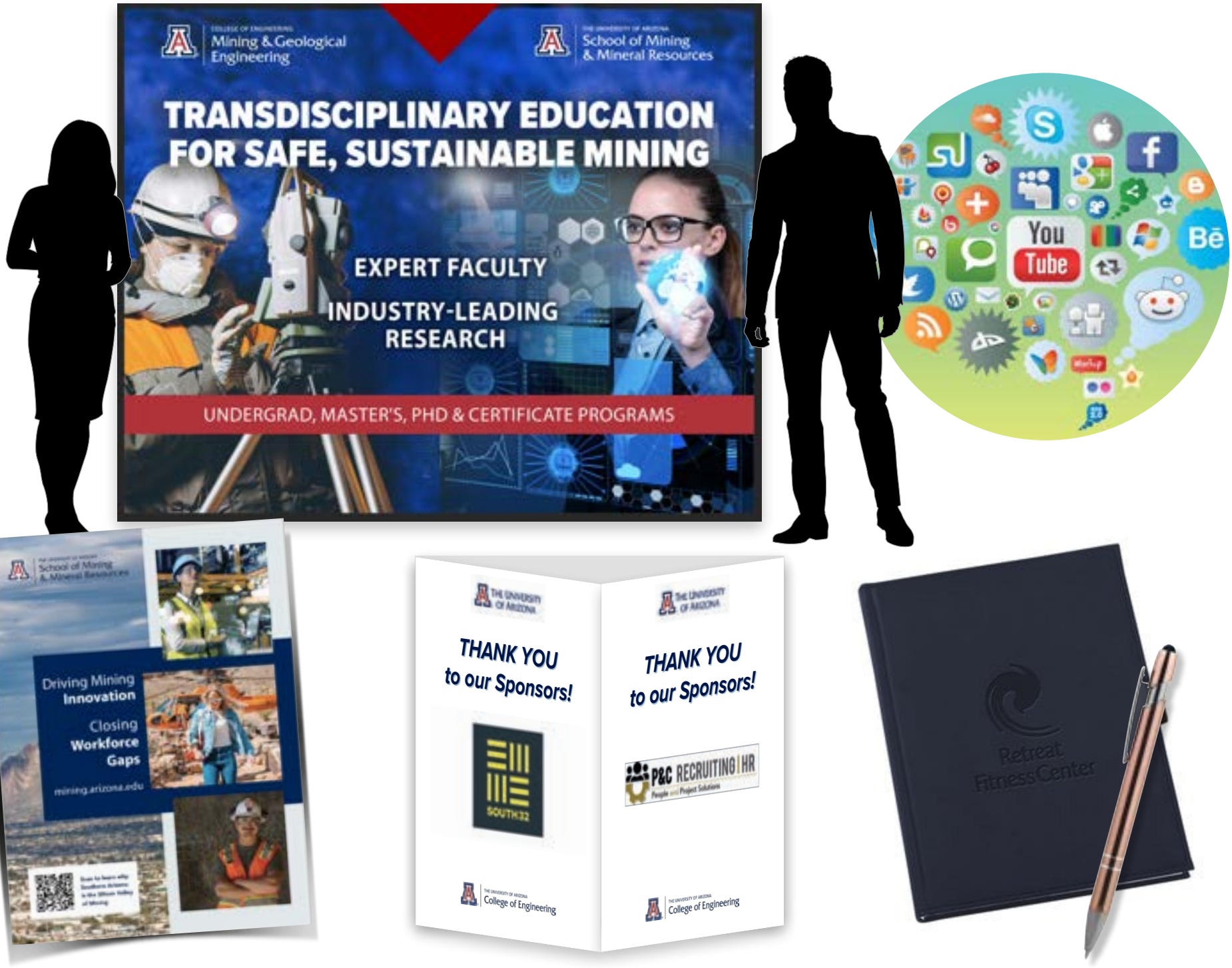
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EXPERT FACULTY
INDUSTRY-LEADING RESEARCH
UNDERGRAD, MASTER'S, PHD & CERTIFICATE PROGRAMS
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Closing Workforce Gaps
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Environmental and Water Resource Economics
Environmental Science
Natural Resources
College of Engineering
Biosystems Engineering
Chemical Engineering
Civil Engineering
Computer Science and Engineering
Electrical and Computer Engineering
Engineering Management
Environmental Engineering
Industrial Engineering
Materials Science and Engineering
Mechanical Engineering
Mining Engineering
Software Engineering
Systems Engineering
College of Humanities
Interdisciplinary Studies
College of Information Science
Information Science
College of Science
Applied Physics
Biology
Chemistry
Computer Science
Geoscience
Hydrology and Atmospheric Sciences
Physics
College of Social and Behavioral Sciences
American Indian Studies
Anthropology
Communication
Environmental Studies
Geography
Law
Public Management and Policy
Sociology
Eller College of Management
Accounting
Business Administration
Business Economics
Business Management
Economics
Management Information Systems
Mel & Enid Zuckerman College of Public Health
Public Health
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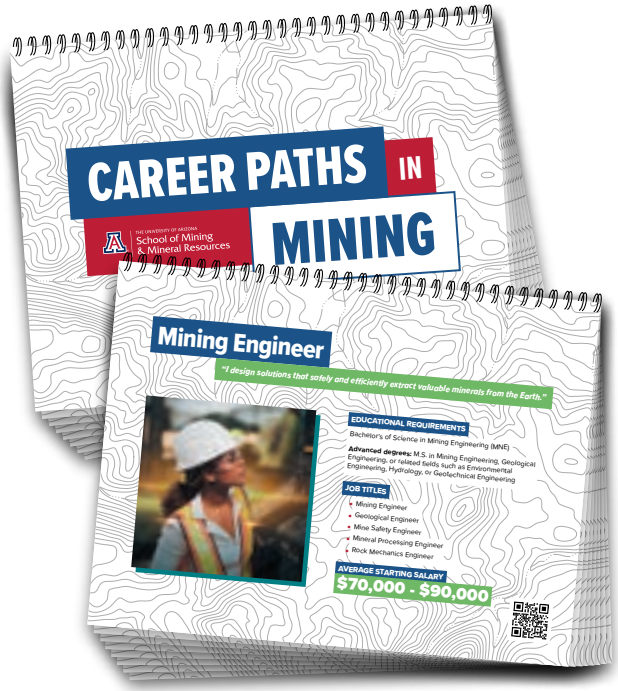
CAREER PATHS IN MINING
THE UNIVERSITY OF ARIZONA
School of Mining & Mineral Resources
Mining Engineer
"I design solutions that safely and efficiently extract valuable minerals from the Earth."
EDUCATIONAL REQUIREMENTS
Bachelor's of Science in Mining Engineering (MNE)
Advanced degrees: M.S. in Mining Engineering, Geological Engineering, or related fields such as Environmental Engineering, Hydrology, or Geotechnical Engineering
JOB TITLES
Mining Engineer
Geological Engineer
Mine Safety Engineer
Mineral Processing Engineer
Rock Mechanics Engineer
AVERAGE STARTING SALARY
$70,000 - $90,000


Secure, High-Paying Jobs
Wide Variety of Career Opportunities
Significant Scholarships Available
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WHAT DOES A MINING & GEOLOGICAL ENGINEER DO?
Mining and geological engineers focus on designing safe and efficient mines for extracting gems, minerals and metals.
In this role, you'll help plan and execute mining projects and ensure compliance with civil, environmental and safety regulations. You may work to improve mining processes, develop or implement new technologies, and help manage the impact of mining activities. You'll collaborate with geologists and other specialists to evaluate earth materials and ensure successful resource extraction, providing economic growth and ensuring sustainable mineral resources for the world.
PREPARING FOR A MINING & GEOLOGICAL ENGINEER CAREER
Our dynamic MGE programs at the University of Arizona blend rigorous academic coursework with hands-on experience, preparing you with the knowledge and skills companies are looking for and paving the way for an exciting, limitless career.
Choose from four tracks in high-demand fields: mining, metallurgy, environmental protection, and manufacturing. Explore how our world-class faculty, state-of-the-art facilities, and industry connections can help you carve out a successful and impactful career.
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Mining & Geological Engineering
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Career Advancement Opportunities
Travel & Exploration
Geosciences
"I uncover Earth's history and help find the resources that power the future."
AVERAGE STARTING SALARY
$60,000 - $85,000
JOB TITLES
Geologist
Hydrologologist
Environmental Geologist
Exploration Geologist
Geophysicist
WHAT DOES AN EXPLORATION GEOLOGIST DO?
Exploration geologists are vital in responsibly developing natural resources they are essential for modern life, while balancing environmental and economic considerations.
In this role, you'll use geological knowledge and advanced technology to locate and assess valuable minerals and metals, helping to determine the economic feasibility of mining projects. You'll work with engineers, environmental scientists, and economists to integrate geological findings with other resource development aspects, and spend time in the field conducting surveys and collecting samples to evaluate mineral potential.
PREPARING FOR AN EXPLORATION GEOLOGIST CAREER
Embark on an exciting journey through the dynamic field of Geoscience at the University of Arizona. Our undergraduate program offers a comprehensive education that combines cutting-edge research, hands-on fieldwork, and expert faculty guidance.
Whether you're passionate about exploring nature, understanding resource management, or delving into Earth's history, our program equips you with the knowledge and skills to make a significant impact on the world.
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Geosciences
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Exciting Career Paths
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• $2000 Scholarships
• Fulfills Gen Ed Requirements
• Paid Internships
• Choose Your Track & Classes
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Mining Engineering & Mineral Processing
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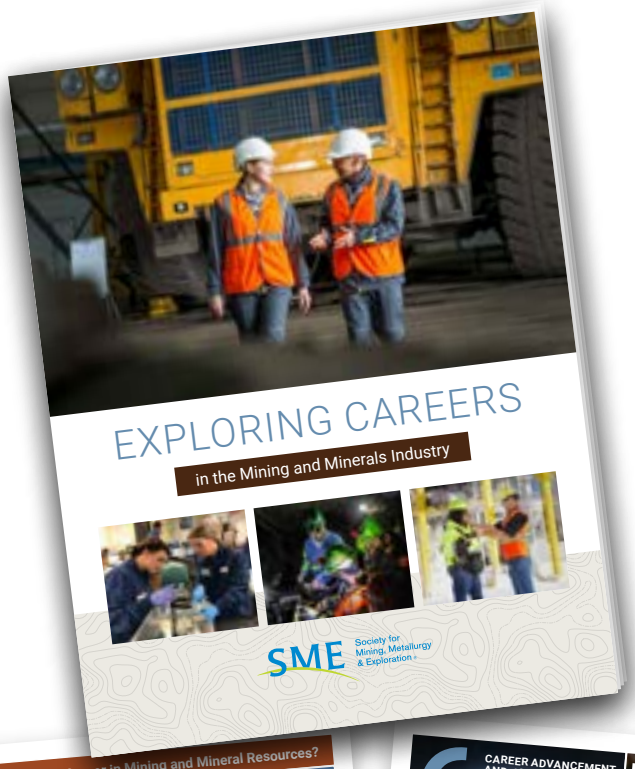
Mining & Geological Engineering


EXPLORING CAREERS
in the Mining and Minerals Industry
SME
Society for Mining, Metallurgy & Exploration

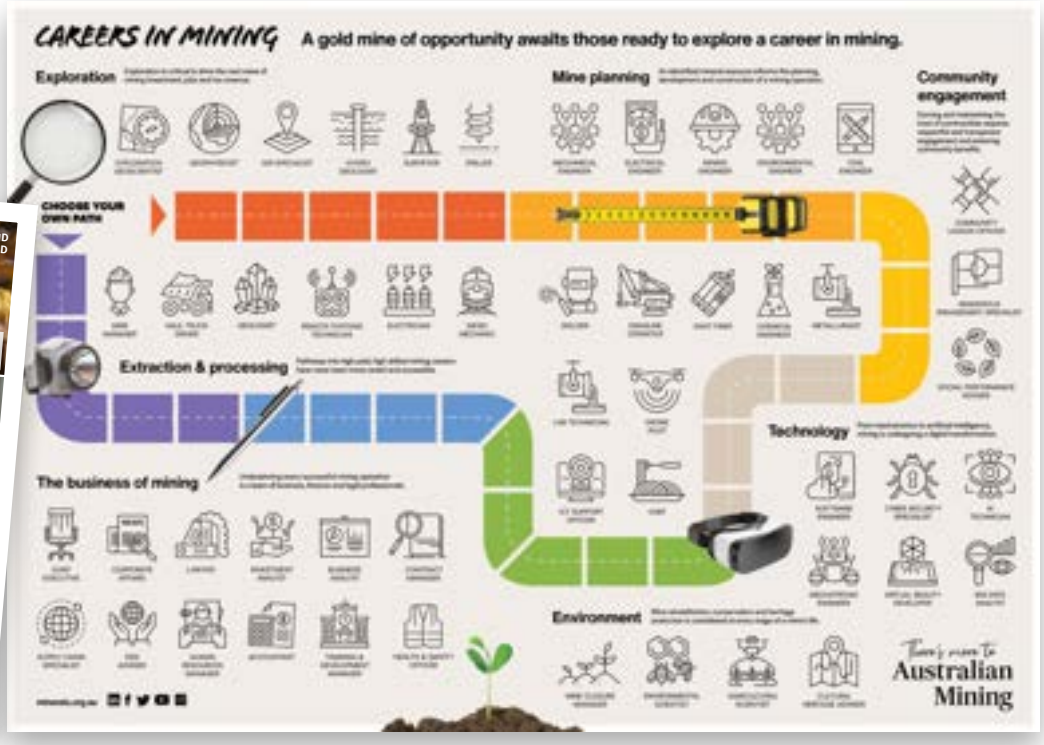

RECLAMATION
ENVIRONMENTAL ENGINEER
MEC


MINING
MINING ENGINEER
MEC


EXPLORATION
EXPLORATION GEOLOGIST
MEC


Why Explore a Career in Mining and Mineral Resources?
1 LOVE WHAT YOU DO
2 MAKE A DIFFERENCE
3 MONEY MATTERS
4 THE PLACES YOU'LL GO
5 BE A CREATIVE PROBLEM-SOLVER
SME MEC MINERALS EDUCATION COALITION
LEARN MORE about careers in mining and mineral resources at MineralsEducationCoalition.org/careers


6 CAREER ADVANCEMENT AND JOB SECURITY
7 SAFE AND SOUND
8 DIVERSITY WELCOME
9 VARIETY IS THE SPICE OF WORK
10 CONTRIBUTIONS THAT COUNT
11 TEAM WORK MAKES THE DREAM WORK


CAREERS IN MINING
A gold mine of opportunity awaits those ready to explore a career in mining.
Exploration
Mine planning
Community engagement
CHOOSE YOUR OWN PATH
Extraction & processing
The business of mining
Technology
Environment
There's more to Australian Mining


MINING-RELATED DEGREES
With 41 mining-related degrees, you can find your path to limitless opportunities in this industry!
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College of Engineering
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Civil Engineering
Computer Science and Engineering
Electrical and Computer Engineering
Engineering Management
Environmental Engineering
Industrial Engineering
Materials Science and Engineering
Mechanical Engineering
Mining Engineering
Software Engineering
Systems Engineering
College of Humanities
Interdisciplinary Studies
College of Information Science
Information Science
College of Science
Applied Physics
Biology
Chemistry
Computer Science
Geoscience
Hydrology and Atmospheric Sciences
Physics
College of Social and Behavioral Sciences
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Business Management
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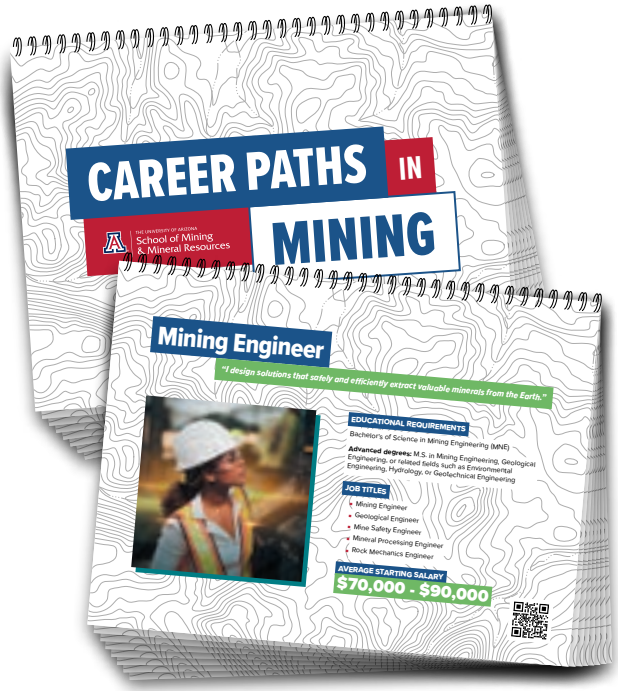
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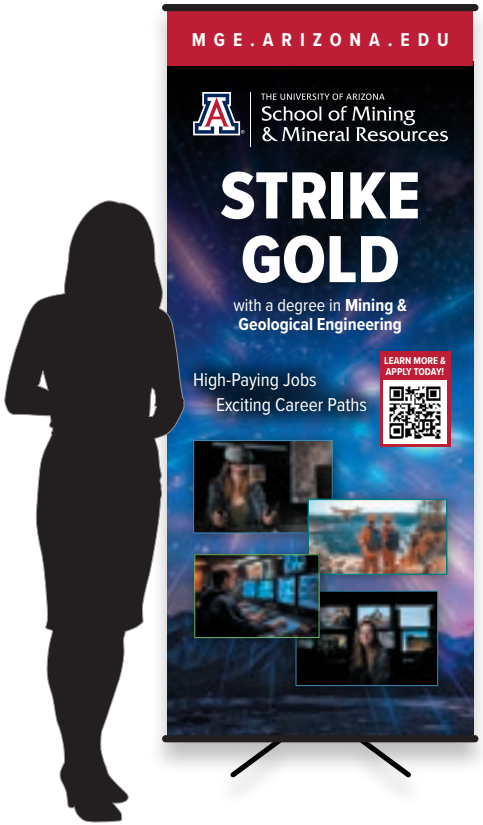
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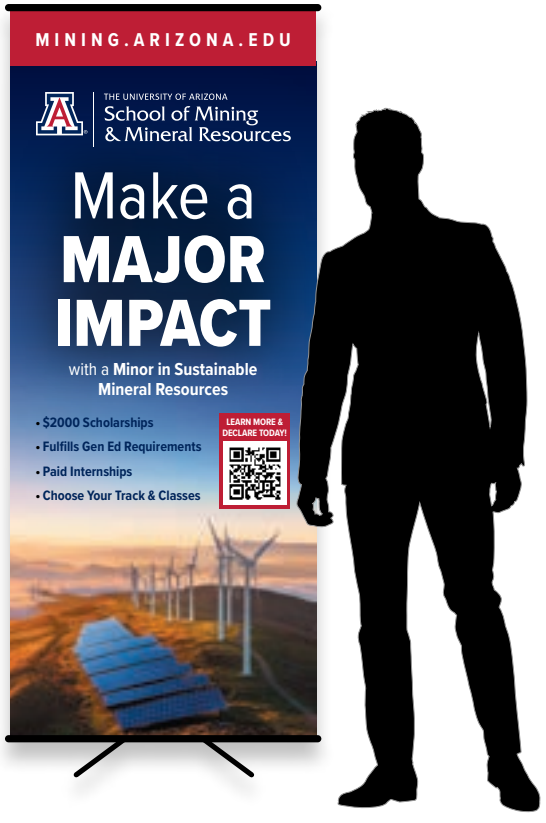
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STAND NEXT TO A 2-STORY HAUL TRUCK


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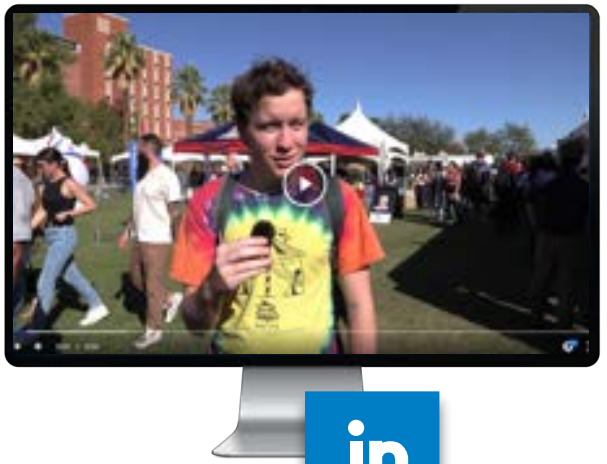


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HUDBAY
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FREE
eegee's
TICKET REQUIRED
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Chill out with Ice Crea
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Grab a MONSTER!
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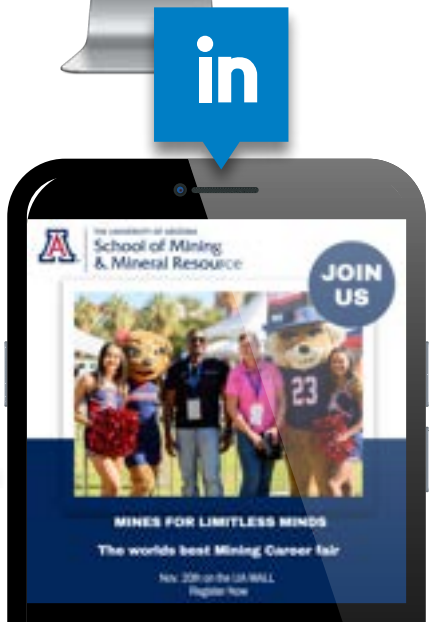
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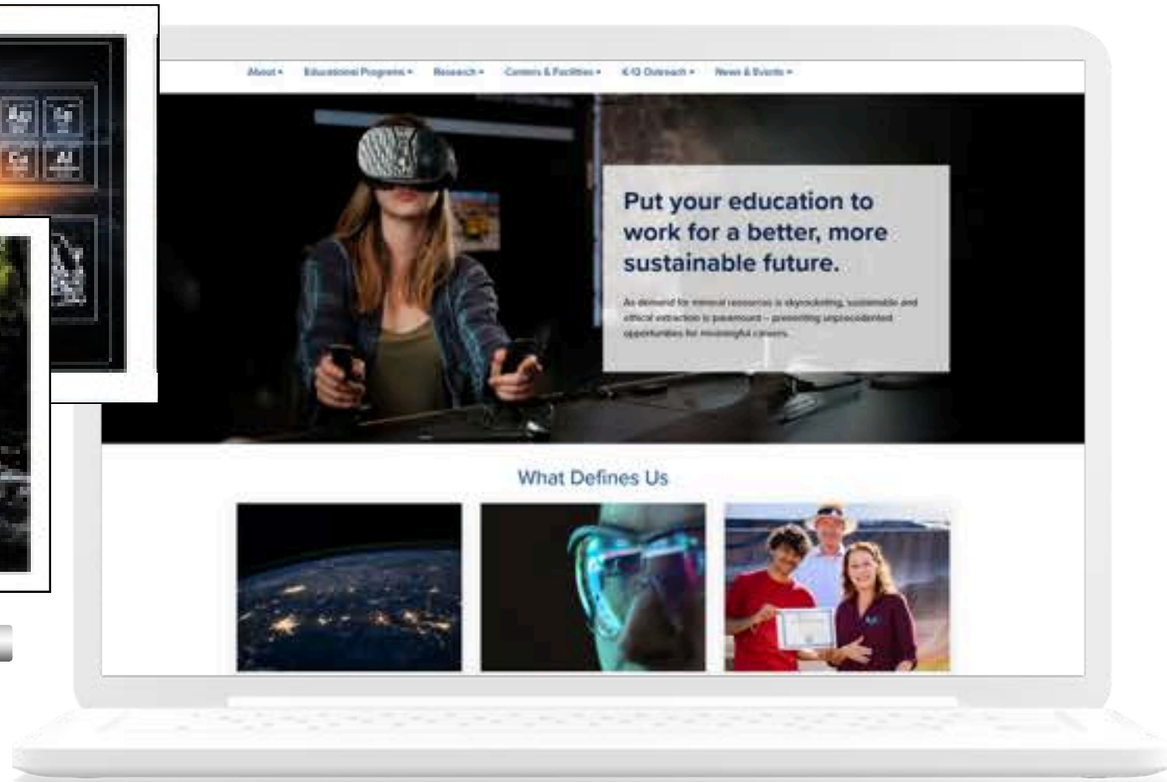
Put your education to work for a better, more sustainable future.
What Defines Us


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Significant Scholarships Available
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Career Advancement Opportunities
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Top-Tier Faculty
Retirement Research
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Mining Education, Reimagined.
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BACHELOR OF SCIENCE HYDROLOGY & ATMOSPHERIC SCIENCES
METEOROLOGY & ATMOSPHERIC SCIENCES TRACK
Further Details & Information »
Save lives and help communities by investigating and communicating weather and atmospheric conditions.
Meteorologists and atmospheric scientists evaluate weather and climate conditions related to air quality, drought, flooding, and extreme events. They also analyze effects of climate change on atmospheric behavior and develop solutions to mitigate societal and environmental impacts.
This program prepares students to examine past and present weather and climate conditions and evaluate future changes. Students analyze data using computational methods and communicate their findings to specific audiences. Career opportunities include government agencies, climate & environmental consulting firms, broadcast outlets, utility companies, research organizations, and forecast offices.
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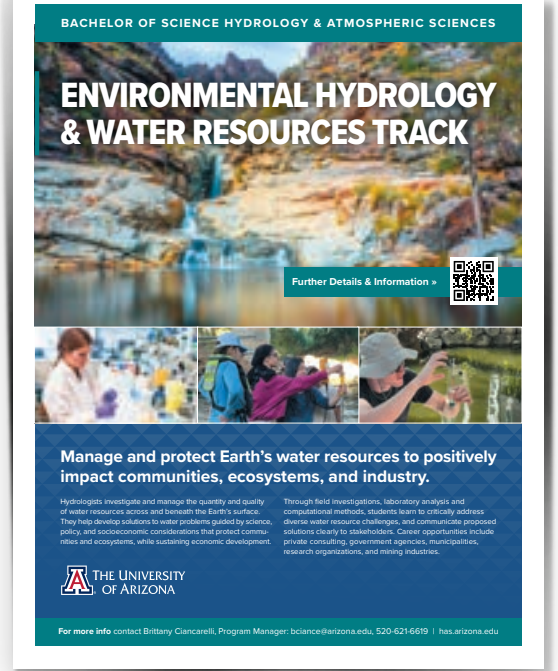
For more info contact Brittany Ciancarelli, Program Manager: bciance@arizona.edu, 520-621-6619 | has.arizona.edu


BACHELOR OF SCIENCE HYDROLOGY & ATMOSPHERIC SCIENCES
ENVIRONMENTAL HYDROLOGY & WATER RESOURCES TRACK
Further Details & Information »
Manage and protect Earth's water resources to positively impact communities, ecosystems, and industry.
Hydrologists investigate and manage the quantity and quality of water resources across and beneath the Earth's surface. They help develop solutions to water problems guided by science, policy, and socioeconomic considerations that protect communities and ecosystems, while sustaining economic development.
Through field investigations, laboratory analysis and computational methods, students learn to critically address diverse water resource challenges, and communicate proposed solutions clearly to stakeholders. Career opportunities include private consulting, government agencies, municipalities, research organizations, and mining industries.
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For more info contact Brittany Ciancarelli, Program Manager: bciance@arizona.edu, 520-621-6619 | has.arizona.edu


Bachelor of Science in Hydrology and Atmospheric Sciences
"I manage and protect water resources, ensuring clean and sustainable water for all."


Our Mission
To provide a student-centered, efficient and effective program to teach the concepts and skills needed to succeed
Program Details
Ranked #2 in the U.S.
in Water Resources
- 2023 Global Ranking of Academic Subjects
The Courses
Hydrology & Atmospheric Sciences
ONE YEAR MASTER'S IN HYDROGEOLOGY
We are water.


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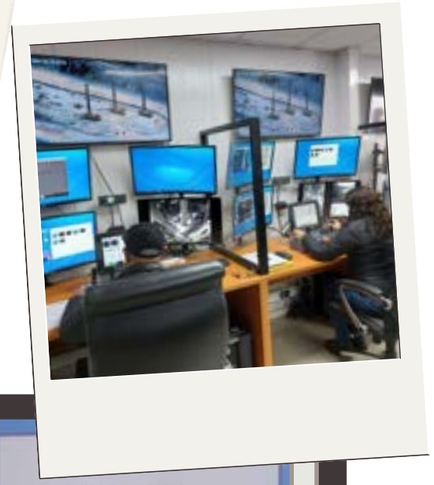

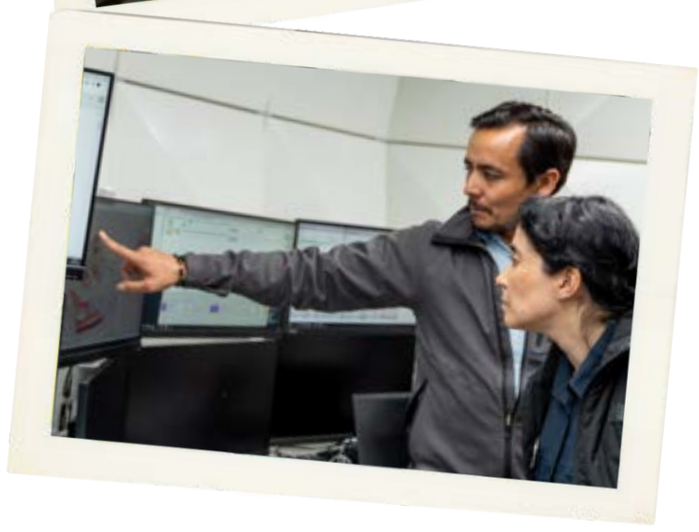

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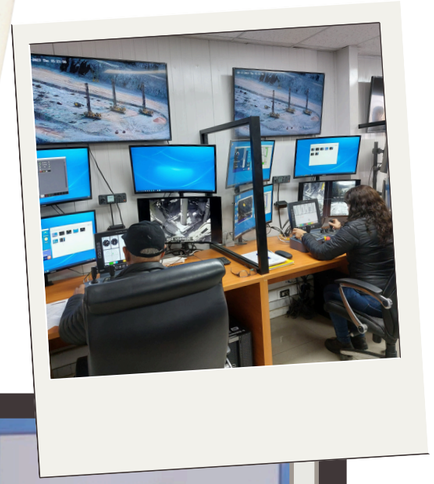

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