


School of Mining and Geosciences



**Professor,
Dean, School of Mining
and Geosciences**

A man with short grey hair, wearing a dark suit, white shirt, and a red patterned tie, stands with his arms crossed and a slight smile. A large orange quotation mark is positioned to his right.

Welcome to the School of Mining and Geosciences (SMG) at Nazarbayev University — the place where the future of energy, mining, and natural resources begins. Located in the vibrant capital of Astana, SMG offers students a unique opportunity to learn from world-renowned professors, train in cutting-edge laboratories, and gain real experience in Kazakhstan's rich geological landscapes.

At SMG, you will not just study — you will become part of a global community of explorers, innovators, and problem-solvers who are shaping the future of energy, mining, and environmental

**Randy D.
Hazlett**



Programs list BA/ Masters/Phd and duration

Bachelor's degree (BSc, 4 years, 250 ECTS)

- Geology
- Mining Engineering
- Petroleum Engineering

Doctor of Philosophy (PhD, 4 years, 240 ECTS)

- Mining Engineering
 - Petroleum Engineering
-

Master's degree (MSc, 2 years, 120 ECTS)

- Geosciences
- Mining Engineering
- Petroleum Engineering



Why choose this school?



Global Faculty –

Learn from international professors actively engaged in world-class research.

Cutting-Edge Labs –

Train in unique facilities, including Central Asia's only full-scale Drilling Simulation Laboratory, Rock Mechanics testing centers and advanced analytical tools like SEM, TEM, XRF, and XRD.

Field Trips –

Go beyond classrooms into the Karatau Mountains, oilfields, and underground mines. Gain first-hand experience through expeditions and industry internships.

Partnerships with Industry –

Intern at world-leading companies such as Tengizchevroil, KMG, Schlumberger, Halliburton, KazMinerals, Kazatomprom, and ERG.

High Employability –

93% of our graduates launch their careers within 1–2 months of graduation in oil & gas, mining, and environmental sectors.

Career-Ready Skills –

From GIS and geostatistics to mine design software and numerical simulators, you'll graduate with the exact skills industry demands.





Career opportunities

98% of graduates at NU are employed or continue their studies within the first year after graduation.

With NU on your CV, you are not just employable — you are in demand.

Выпускники SMG востребованы в ключевых отраслях мировой экономики:

1. Oil & Gas Exploration
2. Mineral Exploration & Mining Operations
3. Environmental Consulting & Monitoring
4. Water Resource Management
5. Geotechnical & Civil Engineering
6. Geoinformatics & Remote Sensing
7. Governmental Geological Surveys
8. Academic & Industrial Research Institutions

Where Our Alumni Work:

Tengizchevroil (TCO), KazMunayGas (KMG), NCOC, Schlumberger, Halliburton, ERG, KazMinerals, Kazzinc, Kazatomprom, SRK Consulting, KATCO, KMG Engineering, National Geological Survey of Kazakhstan.





Alisher Igizgali

**BSc Geology,
Class of 2024**

NU SMG gave me everything: modern labs, fieldwork in the Karatau Mountains, and real project experience with oil & mining companies. The supportive faculty helped me grow technically and professionally. It's the best place to start your journey in geosciences.



Razida Kenes

**BSc Petroleum
Engineering,
Class of 2023**

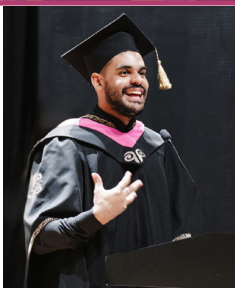
At SMG, I worked on a real project with KazMunayGas, presented at international conferences, and gained skills that prepared me for studies abroad. NU gave me confidence — and lifelong friends.



Meruyert Khudaibergen

**BSc Mining Engineering,
Class of 2023**

SMG offered top-tier teaching, strong mentoring, and internships that helped me land a job at a British consulting company. My passion for Mining Engineering started here.



Jose Villero-Mandon

**MSc Petroleum
Engineering,
Class of 2024**

The curriculum challenged me, the faculty inspired me, and the international opportunities shaped me. SMG helped me grow as an engineer, researcher, and person.



Aida Sagindykova

**MSc Petroleum
Engineering,
Class of 2022**

I joined NU after Open Day — and it changed my life. Now I work at Schlumberger with international assignments in UAE, India, and Kazakhstan. SMG gave me real-world skills and global opportunities.



Nursulu Alnazar

**MSc Mining Engineering,
Class of 2019**

At NU, I gained confidence and industry experience in underground mines like Voskhod and Kazzinc. Now I'm a Geotechnical Engineer at KAZ Minerals. This place shaped my career and belief in myself.



12,000+

alumni
(2015–2025)

98%

are working or
continuing their
studies

15

years —
founded in 2010

70%

of faculty are international
with degrees from top
universities

8000+

students in the 2025/26
academic year

Students from
34+ countries.

Faculty and staff
from **62 countries.**

250+

laboratories

6300+

publications

114

patents

/ 94,5% of students
are provided with
on-campus housing

/ 94-hectare campus —
shops, cinema, sports,
residences, 24/7 security

/ Accommodation
from 18,000 tenge/
month

Rankings:

THE World University
Rankings:

401+

Ranks among the top

18–23%

of research universities
worldwide

#1

in Central Asia
and the Caucasus

International Accreditation:

QAA, AMBA, European University Association,
World Federation for Medical Education (WFME),
Joint Commission International (JCI)



apply.nu.edu.kz



[tuition fees](#)

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