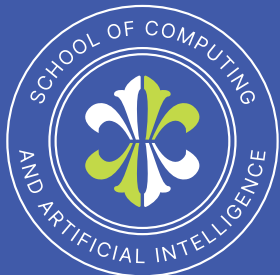


NU SCHOOL OF *COMPUTING* AND ARTIFICIAL *INTELLIGENCE*



Where Mathematics, Computing and
Artificial Intelligence Shape the Future

Eng



*SPARK
YOUR
LIGHT*

SCHOOL OVERVIEW

The School of Computing and Artificial Intelligence (SCAI) at Nazarbayev University brings together Mathematics, Computer Science, Artificial Intelligence, Data Science and Robotics within one interdisciplinary academic community.

NU SCAI combines strong theoretical foundations with practical learning, advanced research and technology development. Students gain opportunities to work on real-world problems, participate in research and develop technical, analytical and problem-solving skills required in rapidly evolving fields.

From undergraduate education to advanced Master's and doctoral research, NU SCAI prepares the next generation of scientists, engineers, researchers, technology professionals and innovators for careers in Kazakhstan and around the world.

WHY NU SCAI?

Interdisciplinary Education	Explore Mathematics, Computer Science, Artificial Intelligence, Data Science and Robotics within one academic ecosystem.
From Bachelor's to PhD	Follow a complete academic pathway from strong undergraduate foundations to advanced Master's study and doctoral research.
Research-Driven Learning	Engage with contemporary research, scientific methods and emerging technologies while developing independent problem-solving skills.
AI & Data Science	Build expertise in high-demand areas including artificial intelligence, machine learning, data analytics and intelligent systems.
Hands-On Experience	Apply knowledge through programming, laboratory work, projects, experimentation and research.
Flexible Specialisation	Shape your academic path through programme technical electives and interdisciplinary study opportunities.
Career-Ready Skills	Prepare for careers across technology, research, academia, industry, government and entrepreneurship.

AI RESEARCH & INNOVATION

Nazarbayev University is also home to the Institute of Smart Systems and Artificial Intelligence (NU ISSAI). In this premier AI research institute, researchers develop advanced AI technologies for Kazakhstan and the wider region.

NU ISSAI's work spans natural language processing, speech technologies, computer vision, multimodal AI, biometrics, medical imaging and AI for sustainability. Its research ecosystem includes locally developed AI models and platforms such as KAZ-LLM, Oylan, Mangisoz, Beynele, TiiSync and ISSAI Playground, as well as research opportunities for students through initiatives such as the Fall and Summer Research Programs.

Through NU ISSAI research initiatives, students can apply their theoretical knowledge to practical AI and machine learning projects and gain hands-on research experience.

ADVANCED AI RESEARCH

NLP · Computer Vision ·
Speech · Multimodal AI

AI MADE IN KAZAKHSTAN

KAZ-LLM · Oylan · Mangisoz ·
Beynele

FALL AND SUMMER RESEARCH PROGRAMS

AI & ML Research Experience

NU SCAI AT A GLANCE

70

FACULTY MEMBERS

32 Computer Science · 26
Mathematics · 12 Robotics
Engineering

2 107

CURRENT STUDENTS

1 728 Undergraduate · 281
Master's · 98 PhD

11

DEGREE PROGRAMMES

3 Bachelor's · 5 Master's · 3 PhD

5

ACADEMIC FIELDS

Mathematics · Computer Science
· Artificial Intelligence · Data
Science · Robotics

OUR PROGRAMMES

UNDERGRADUATE

01. Bachelor of Science
in Mathematics
02. Bachelor of Science
in Computer Science
03. Bachelor of Science
in Robotics Engineering

MASTER'S

01. Master of Science
in Applied Mathematics
02. Master of Science
in Computer Science
03. Master of Science
in Data Science
04. Master of Science
in Robotics
05. Master of Applied
Artificial Intelligence
& Data Science

PhD

01. PhD in Mathematics
02. PhD in Computer Science
03. PhD in Robotics
Engineering

FROM FOUNDATIONS TO INTELLIGENT SOLUTIONS

Mathematics	Build the foundations for modelling, analysis and computation.
Computer Science	Design software, algorithms and intelligent computing systems.
AI & Data Science	Turn data into insight and develop intelligent solutions.
Robotics	Bring intelligence into the physical world through autonomous and robotic systems.

FEATURED ALUMNI STORIES



BIBIGUL SHEKTYBAYEVA

BSc in Robotics Engineering
Software Developer at BMW
Germany

"My robotics education gave me a strong foundation in image processing, control theory and machine learning. At BMW, I have worked on autonomous driving systems and now apply AI to quality control. One of the most valuable skills I gained was learning how to follow new scientific research and continuously adapt as technology evolves."



ARUZHAN SABYRBEEK

BSc in Computer Science
PhD Student at Arizona State
University
USA

"I began research during my third year at NU and completed my bachelor's degree with five published papers. That experience helped me progress directly into a PhD at Arizona State University. The research opportunities and mentorship I received at NU played an important role in starting my academic career."

NU SCAI ALUMNI AROUND THE WORLD

SYMBAT DEMELKHAN BSc in Mathematics National Investment Corporation of the National Bank of Kazakhstan (NIC NBK) Kazakhstan	NAZ ZAKIYEVA BSc in Mathematics Assistant Professor, Waseda University Japan
AIDANA IMANGOZHINA BSc in Computer Science Software Engineer at Amazon, USA	NURBEK TAZHIMBETOV BSc in Mathematics Principal Engineer OPC, TSMC USA
YERKEBULAN MASSALIM MSc in Robotics Automation Engineer at Parrot France	ARUNA BIDOLLINA BSc in Mathematics Senior Actuarial Analyst Financial Institutions - WTW USA
AYAN MAZHITOV BSc in Robotics Engineering Machine Learning Engineer, Woven by Toyota, Japan	ASSAN TOLEUOV BSc in Computer Science Software Engineer at Meta USA

GLOBAL STUDENT MOBILITY



NU SCAI students can broaden their international experience through academic mobility opportunities at universities around the world. Depending on the program, students may study abroad for one semester or participate in short-term summer programs.

Freie Universität Berlin
Germany

Ulsan National Institute of Science
and Technology (UNIST)
South Korea

The Chinese University of Hong
Kong (CUHK)
Hong Kong SAR, China

University of Almería
Spain

Daegu Gyeongbuk Institute of
Science and Technology (DGIST)
South Korea

The Chinese University of Hong
Kong, Shenzhen
Shenzhen, China

ADA University
Azerbaijan

The University of Hong Kong
(HKU)
Hong Kong SAR, China

The Hong Kong University of
Science and Technology
(Guangzhou)
Guangzhou, China

Universiti Malaya
Malaysia

The Hong Kong University of
Science and Technology (HKUST)
Hong Kong SAR, China

Sabancı University
Istanbul, Turkey

GENERAL INFORMATION

Location: Astana, Kazakhstan
Language of Instruction: English
Degree Levels: Bachelor's · Master's · PhD
Academic Areas: Mathematics · Computer Science
· Artificial Intelligence · Data Science · Robotics

ADMISSIONS

Undergraduate programs
Entry requirements

01. Regular Admission
02. Financial aid & scholarships

Master's Programs
Entry requirements

01. Regular Admission
02. Financial aid & scholarships

PhD Programs
Entry requirements

01. Regular Admission
02. Financial aid & scholarships

ABOUT NU

CONNECT WITH US

Website: scai.nu.edu.kz
Instagram: [@nu.scaikz](https://www.instagram.com/nu.scaikz)
LinkedIn: [nuscaikz](https://www.linkedin.com/company/nuscaikz)
Address: Astana city,
010000
Republic of Kazakhstan
53, Kabanbay batyr ave. Block 6 & 7

Admissions General questions:
scai@nu.edu.kz
Undergraduate:
undergraduate_admissions@nu.edu.kz
Master's:
admissions.scai@nu.edu.kz
PhD:
phd_admissions@nu.edu.kz



apply.nu.edu.kz



scai.nu.edu.kz

13 900
alumni (2015–2025)

8 200+
publications in collaboration
with partner universities

270+
laboratories

8 000+
students in the 2025/26
academic year

founded in
2010

THE World University Rankings:
Ranks among the top 376-400 of
research universities worldwide.

#1 in Central Asia,
CIS and the Caucasus

TOP 17%
— ranking indicator

Students from
40
countries

70%
of faculty are international with
degrees from top universities

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

On-campus housing from
18 000
tenge/month

Faculty and staff from
62
countries

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

98%
are working or continuing
their studies