



ALMATY UNIVERSITY OF POWER ENGINEERING AND TELECOMMUNICATIONS (ENERGO UNIVERSITY)

Quick Facts

Location (city, state): Almaty

Website: <https://aues.edu.kz/en>

Undergraduate student enrollment: 5 609

Public/Private: Private

Graduate student enrollment: 3 79

Type of Institution: Non-profit joint stock company

Institutional Description (limit 250 words):

Almaty University of Power Engineering and Telecommunications (AUPET) named after G.Daukeyev is a leading research university in Central Asia specializing in energy, telecommunications, information, and aerospace technologies.

Since its establishment in 1975, AUPET has been preparing Bachelor's, Master's, and PhD's specialties, and has gained a reputation as the best university in the fields of energy, informatics, and telecommunications.

With almost 100% graduate employment and ranking in the top 10 of the National Rating of the Best Technical Universities of Kazakhstan, AUPET offers exceptional educational opportunities.

The University for today:

- cooperates with more than 70 universities from 23 countries;
- conducts a double degree program with a German university;
- develops joint educational programs with German, Russian and Kyrgyz universities;

is working on scientific projects:

- International projects (USAID, Erasmus, Horizon Europe, from US Embassy with University of Cincinnati);
- scientific projects of grant financing jointly with Kazakh universities Eurasian State University, Satbaev University, Kazakh National Agrarian Research University etc.

Partnership Information

Possible Academic Areas of Collaboration:

- Computer Science and AI
- Cybersecurity
- Telecommunications Engineering
- Energy Engineering and Management
- Electrical Engineering and Smart Grid
- Renewable energy
- Industrial Systems and Automation Engineering
- Mechatronics Engineering
- Aerospace Engineering
- Health, Safety and Environmental Engineering
- Electrical Vehicle Engineering
- Water and Wastewater Engineering.

Institutional Strengths:

AUPET has a number of strengths that make it an attractive partner for cooperation. Here are some of them:

- Academic expertise: The University has extensive academic experience and expertise in the field of energy and communications. The training programs developed by the university are of high quality and relevance, and the teachers are leading experts in their fields.
- Modern infrastructure: AUPET has modern infrastructure and equipment, which provides students and teachers with access to advanced technologies and resources for research and training.
- Research activity: The University is actively engaged in research activities in the field of energy,

communications and related fields. It is a center for innovative developments and technological solutions that contribute to the development of the industry.

- International cooperation: AUPET is actively developing international cooperation with universities and organizations around the world. This creates opportunities for the exchange of experience, joint research and projects, as well as for the mobility of students and teachers.
- Active participation in the industry and with stakeholders: AUPET closely cooperates with industrial enterprises, organizations and government agencies, which provides students with practical experience and employment opportunities after graduation.

Partnership Interests: (*e.g., faculty exchanges, student exchange, dual degrees, joint research, distance learning, etc.*)

Students and faculty exchange, dual degree programs, joint research, joint publication of articles, internships for students and faculty, scientific guidance for undergraduates and graduate students, summer/winter schools

Interest in Partnership: Why are you interested in partnering with a U.S./Kazakh institution? What do you hope to gain from such a partnership?

AUPET can be interested in partnering with a U.S./Kazakh institution for several reasons, aiming to achieve various benefits from such collaboration:

- Enhanced Academic Opportunities: Partnering with a reputable institution can provide AUPET students and faculty with access to a broader range of academic programs, courses, and resources. This can enrich the educational experience, offer specialized training in specific fields, and foster interdisciplinary collaborations.
- Research Collaboration: Collaborating with a U.S. or Kazakh institution can facilitate joint research projects, exchanges of scientific expertise, and access to funding opportunities. This can lead to advancements in research, innovation, and technology transfer, benefiting both institutions and contributing to the development of relevant industries.
- Internationalization: Partnering with an institution from another country promotes internationalization efforts at AUPET, fostering cultural exchange, global perspectives, and cross-cultural understanding among students, faculty, and staff. It can also attract international students and faculty, enriching the university's diversity and global reputation.
- Professional Development: Collaborating institutions can offer faculty and staff exchange programs, professional development opportunities, and training workshops, enhancing their skills, knowledge, and teaching methodologies. This contributes to the professional growth and career advancement of academic personnel at AUPET.
- Student Mobility and Exchange: Partnership agreements often include student exchange programs, study abroad opportunities, and joint degree programs, allowing students from both institutions to study and experience academic life in different cultural contexts. This promotes personal growth, intercultural competence, and global citizenship among students.

Main Partnership Contact: (name, title, email):

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