

KYRGYZ STATE TECHNICAL UNIVERSITY

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Participation KSTU in projects of programs:

"TEMPUS":

1. Compact Project "Development of International Office of KTU" (Tempus –Tacis №UB CP-20598-1999);
2. Joint Project "Modernization of University library" (Tempus -Tacis №UM-JEP-22042-2001);
3. Joint Project "Resource Sharing Network of Academic and Research Libraries of Kyrgyzstan (KYR-LIB-NET)" (JEP_26219_2005);
4. SCM Project "Transferring of quality management models in KSTU functions and processes" (SCM T 078A06-KYR-2007);
5. 158677-TEMPUS-1-2009-1-DE-TEMPUS-JPCR "Higher Education Initiative for Informatics in Central Asia";
6. 159025-TEMPUS-1-2009-1-FR-TEMPUS-JPCR "Réseau Europe-Russie-Asie Centrale de Masters Informatique Seconde Compétence";
7. 158982-TEMPUS-1-2009-1-ES-TEMPUS-JPCR "Towards Sustainable Water Resources Management in Central Asia";
8. 511172-TEMPUS-1-2010-1-DE-TEMPUS-JPCR "Curriculum Invoking Bologna-aligned Education Leading to reform in Environmental Studies".
9. 530154-TEMPUS-1-2012-1-IT-TEMPUS-JPCR "Student Support and Development Services"
10. 530326-TEMPUS-1-2012-1-IT-TEMPUS-SMGR "Quality of Engineering Education in Central Asia"
11. 530183-TEMPUS-1-2012-DE-TEMPUS-SMGR "Qualification Frameworks in Central Asia: Bologna-Based Principles and Regional Coordination"
12. 544293-TEMPUS-1-2013-1-AZ-TEMPUS-JPCR "Foreign Languages Education for Professional Purposes"
13. 544319-TEMPUS-1-2013-1-FR-TEMPUS-JPCR "Réseau Professionnel de Masters "Informatique Seconde Compétence"
14. 543746-TEMPUS-1-2013-1-ES-TEMPUS-JPHES "InnoLabs in Central Asia for a sustainable catalyzation of innovation in the Knowledge Triangle"

"ERASMUS MUNDUS":

1. "Credit Transfer in Virtual and Distance Education", Action 3, (2007-2010);
2. "Transfer of Appropriate Requirements for Global Education and Technology", Action 2, (2010-2013);
3. "Mobility Academic Network between UA and Central Asia", Action 2, (2010-2013);
4. "Central Asia Student International Academic exchange with EU", Action 2, (2010-2013)
5. "Central Asia Student International Academic exchange with EU"- II, Action 2, (2011-2014)
6. "Academic Relationship for Central Asia with Destination Europe", Action 2, (2011-2014)
7. "Central Asia Student International Academic exchange with EU"- III, Action 2, (2012-2015)

KSTU proposals for participation on Program ERASMUS PLUS

KSTU invite you, as a coordinator to take part in preparation of the application under the projects with the following provisional contents:

1. Modernization of legal framework of governance by Universities of Kyrgyzstan;
2. Entrepreneurship as a second competence for engineers;
3. Establishment of cooperation of Universities, the Enterprises and the State in the field of electric power industry;
4. Creation of a joint Master programmer of energy saving in electric power industry;
5. Enhancing of student's services in management of University;
6. New Library Services at Central Asia Universities;
7. English For All in Universities of Central Asia, to Foster Education, Research and Innovation;
8. Creating a curriculum of Bachelors and Masters in the direction of Media Journalism;
9. The development of fashion design through the use of media technologies in education;
10. Internationalization of Universities in Central Asia through a network of departments of International Relations;
11. Network University Centre for Entrepreneurship Education

PRESENTATION of KSTU

Kyrgyz State Technical University (KSTU) is the oldest technical University in Kyrgyz Republic. 10 Institutes (4 of which is in region of Kyrgyzstan), 4 faculties, Institute of Electronics and Telecommunications (joint stock company “Kyrgyztelecom” and KSTU are founders), 5 scientific- research institutes are in University.

More 21 600 students (including 1067 foreign students) study by use innovation technologies on educational programs: **46 directions of bachelor, 14 directions of master, and 4 specialties** with higher vocational education. It is using module and credit-systems of education; there is training on English and Dutch languages in special groups.

Faculties

- **Power Energy Faculty** prepares bachelors on directions: Electric Power and Electrical engineering, Heat-and-power engineering and heating engineering, Techno sphere safety and masters on direction: Electric Power and Electrical engineering.

- **Faculty of Information Technologies** prepares bachelors on directions: Management of Engineering Systems, Applied Mathematics and Informatics, Informatics and computer technique, Information Security, Software Engineering (**including training on English language**) and masters on directions: Management of Engineering Systems, Informatics and computer technique, Software Engineering.

- **Technological faculty** prepares bachelors on directions: Technosphere safety, Technology and designing products of light industry, Standardization, Metrology and Certification, Technology and the production of food from plant material, Commerce, Biotechnology, Technology and the production of food of animal origin, Production technology and catering, The Art of Costume and Textiles, Design, Technological machines and equipment.

- **Faculty of Transport and Machine Construction** prepares bachelors on directions: Exploitation of transport - technological machines and systems, Materials Science and Technology of Materials, Automation of technological processes and productions, Mechatronics and Robotics, Vocational training, Standardization, Metrology and Certification, Quality control, Technology printing and packaging production, Information Systems and Technology, Technology of transport processes, Mechanical Engineering and masters on directions: Information Systems and Technology, Technology of transport processes, Mechanical Engineering.

Educational Institutes

- **Kyrgyz-German Technical Institute** prepares bachelors (with studying in Russian and German languages) on directions: “Technologies, equipment and automation engineering industry”, “Power Energy engineering”, “Telematics”, “Logistics”, “Applied mechanics” with giving up the diplomas of KSTU and certificate of Berlin University of Applied Sciences (BUAS) and masters on direction “Power-machine construction” and “Logistics” with giving up the diplomas of KSTU and BUAS.

- **Institute of Management and Business** prepares bachelors on directions: Management, Economic, Commerce, Information Systems and Technology and masters on directions: Management, Economic.

- **Institute of distance education and increasing of qualifications.** Is carrying out part-time study on directions of bachelors are not regional and not joint faculties of KSTU.

- **Institute of Mining and Mountain Technologies** prepares bachelors on directions: Applied geology, The technology of geological exploration, Mining, Oil and Gas Business, Metallurgy and engineers on specialties’: Applied geology, The technology of geological exploration, Mining, Physical processes of mining or oil and gas production.

- **Institute of Electronics and Telecommunications** is created for target preparation of bachelors on directions: Information and communication technologies and communication systems, Radio engineering, Information Systems and Technology and masters on direction: Information and communication technologies and communication systems.

- **Institute of joint educational programs** prepares the bachelors on directions: Informatics and computer technique, Mechanical Engineering, Mechatronics and Robotics, Management, Information Systems and Technology, Power and Electrical Engineering, Computer Security, Software Engineering, Thermal Engineering and Heat Engineering, Management in technical systems, Exploitation of transport and technological machines and systems, Technology of transport processes, Technology and production of food of animal origin, Production technology and catering, Railway rolling stock **with giving up the diplomas of Moscow Power Engineering Institute, Tomsk Polytechnic University, Baltic State Technical University “VOENMEH”, St. Petersburg Institute of Fine Mechanics and Optics, Altai State Technical University, Kazan State Power Engineering University, Omsk State Transport University.** Institute of joint educational programs prepares the masters on directions: Applied mechanics, Management, Informatics and computer technique, Power and Electrical Engineering, Thermal Engineering and Heat Engineering with giving up the diplomas of **Moscow Power Engineering Institute, Tomsk Polytechnic University, Baltic State Technical University “VOENMEH”.**