

Faculty of Engineering

Department of Computer Engineering

Purpose of the Department

Computer engineering department offer a high quality education which complies with world standards in education. The department aims at preparing highly qualified engineers who provides the services in the field of information technologies, contributing to the economic development not only in Kyrgyz Republic but in Central Asia and in other countries of the region.

Employment Perspectives

Graduates of the Department of Computer Engineering play huge role in the process of development, management and implementation of products and services in the IT industry, such as banking, e-government, e-learning, distance education and other domains.

Department of Ecological Engineering

Purpose of the Department

The Department of Ecological Engineering aims towards the continuous development of society, environmental education and transfer of experience to new generations during the transition period. Programs for the protection of the environment are of primary concern in professional education and training.

Employment prospective

Graduates of this department have a wide range of employment opportunities:

- In factories and small organizations;
- In secondary schools, high schools and universities;
- In the State Agency on Environment Protection and Forestry;
- With the environmental police;
- In sanitary-epidemiological service;
- Department of Water Resources and Irrigation;
- In geological agencies;
- National Agency for Standards and Metrology;
- In the state forest service;
- With the financial police;
- Department of Tourism;
- In civil society organizations;
- In the "green" movement;
- In international organizations, foundations and environmental projects.

Department of Food Engineering

Purpose of the Department

This department aims to prepare students to acquire up-to-date knowledge and skills in order to fulfill the needs and expectations of industry and society and to play a leading role in the advancement in these areas. In addition, the department strives to educate future engineers in the food industry with skills in effective oral and written communication, realizing the importance and need to protect natural resources for future generations.

Employment prospective

Especially in recent years, due to a major breakthrough in the field of food engineering, graduates of this department have a wide range of employment opportunities not only in food industry, but also in the public sector and in institutions of higher education. Our graduates can find jobs in all fields of the food industry, including process design, production planning, manufacturing, processing, quality control and marketing of food products.

Department of Chemical Engineering

Purpose of the Department

Department of the Chemical Engineering aims to serve for the community mainly in two aspects: It aims to give a chemical engineering education to the prospective engineers who have the capacity and encourage to serve for the society in all kinds of chemical industries. It also aims to make the department the one the best research centers in the region in related topics.

Employment Prospective

Graduates of the Department of Chemical Engineering can work,

- In plants for the production of plastics, cement, glass, semiconductors and petrochemicals, catalysts, agricultural chemicals, specialty chemicals etc.
- Energy and fuels such as oil, gas, coal, biofuels- energy conversion and storage technologies
- Environmental, health, safety issues and standardization services
- Paints, varnishes, pigment, polymers,
- Pulp and paper technologies,
- Rubber, rubber products, synthetic fibers, textiles and films,
- Soaps, detergents, perfumes, fats, oils and cosmetics
- Research institutions and laboratories,