Heat engineering and energy efficient technologies department
We invite you to apply to study for the qualification «THERMAL POWER ENGINEERING»

specializations:

✓ «Industrial and municipal thermal power engineering»
✓ «Energy management and energy efficiency»
Areas for studying:

- Energy efficiency and energy saving technologies
- Energy management and energy audit
- Renewable and alternative energy sources
- Ecology and waste energy using
Areas for studying:

- Heating, ventilation and air condition
- Heat supply
- Refrigeration engineering
Areas for studying:

- Heat technological equipment for industry and agro-industrial complex
- Heat and nuclear power plants
Employment perspectives:

- Thermal energy equipment design and exploitation companies
- Companies and departments that deal with assembly and adjustment of heating, ventilation, air condition and refrigerating systems
Employment perspectives:

- Heating supply mains, housing and communal services
- Heating and industrial boiler plants
Employment perspectives:

- Heat and nuclear power plants
- Enterprises for agro-industrial complex
- Utilities sectors at enterprises for engineering, metallurgy, chemical, light and food industries
Employment perspectives:

- Energy audit companies
- Energy service companies
- Departments and sectors for energy efficiency and control
General academic disciplines for the students of our department (bachelor’s level):

- Thermal processes and plants of industrial enterprises
- Energy carriers production and distribution
- Heat engines and superchargers
- Heating supply mains
- Boiler plants
- Air condition
- Refrigerating plants
- Foundations of energy saving
General academic disciplines for the students of our department (master’s level):

- Effective energy technologies and waste energy utilization
- Energy management and audit
- Plants and systems with renewable energy sources
- Energy ecology
- Ventilation systems design
- Heat and nuclear power plants
Today 18 university teachers work at our department including:
- 2 doctor of engineering science,
- 9 candidates of engineering science,
- 1 candidate of physical and mathematical science,
- among them 2 full professors and 9 associated professors.

The head of the department of heat engineering and effective energy technologies,
Doctor of engineering science, full professor
A.N. GANZHA