

***Postgraduate degree program: 09.06.01. Information Science and Computer Engineering
Focus of the postgraduate program: Automation and Management of Industry Technological
Processes and Production***

Institute of High Technologies

Department of Automation and Management

Qualification: Researcher. Teacher-Researcher.

Duration: 4 years

Teaching form: on-campus

The goal of the postgraduate program is to train highly qualified researchers and research teachers for higher education institutions and research institutions, private and public companies involved in solving problems of informatization and automation.

The field of professional activity of the graduates who have mastered the postgraduate program embrace the areas of science, engineering, technology and pedagogy, covering a set of tasks in the field, including the development of the theory, the creation, implementation and operation of promising computer systems, networks and complexes, mathematical tool and software.

The objects of professional activity of the graduates who have mastered the postgraduate program are the chosen field of scientific knowledge as well as scientific tasks of the interdisciplinary nature containing:

- computing machinery, complexes, systems and networks;
- software of computer equipment and automated systems (programs, software systems and complexes);
- mathematical, informational, technical, linguistic, software, ergonomic, organizational and legal support of automated information, computing, designing and control systems;
- high performance computing and supercomputers;
- technologies developing computer hardware and software products.

As a graduate in this area of the training, you can carry out professional activities at various organizations and institutions as follows:

- ✓ educational establishments;
- ✓ research organizations;
- ✓ project and design organizations.