

## **Processes, Apparatus and Machinery Industry III**

Credit module "Processes, Apparatus and Machinery Industry III. Hydrodynamic, Mechanic and Mass Transfer Processes" is the theoretical basis of designing equipment for the implementation of technological schemes of production of pharmaceuticals and biotechnology. In credit modules studied mass transfer processes, based on the fundamental laws of conservation, equilibrium and mass transfer, and equipment to implement them. A key role in the study loan module plays: physical and mathematical modeling, which allows you to make the transition from laboratory and theoretical studies to implementation processes in industry (large-scale transition).

Credit module based on knowledge obtained by students in the study of subjects humanities, science and professional practice cycles, namely higher mathematics, physics, chemistry, physical chemistry and others.