

Equipment for Heat and Mass Transfer

Credit module " Equipment for Heat and Mass Transfer" is part of a professional - oriented training cycle specialist - " Equipment of Pharmaceutical and Biotechnological Productions "

The basis of mastering the credit quality module " heat and mass transfer equipment" is a series of courses for a bachelor degree - Mechanical Engineering.

The purpose of the credit module - providing future professionals knowledge of patterns of processes in microbiology and pharmaceutical industries, with a view to their use in analysis, calculation and design of equipment for them.

Task of credit module. The student must master the skills, based on the equations of statics and kinetics processes out calculation methodology and perform calculations technological equipment; by analyzing designs biotechnological equipment variants make the best selection circuit devices, machines and installations for process implementation problems.