ANNOTATION

of the educational complex of discipline

“Design and organization of production of agri-food biotechnology”

Direction of preparation: 04.19.01 Biotechnology

Educational program: "Agri-Food Biotechnology"

The educational-methodical complex of disciplines “Engineering and Industrial Organization / Engineering and Organization of Production” was developed for 2nd year students in the direction 19.04.01 “Biotechnology” master's program “Agri-Food Biotechnology” in accordance with the requirements of OS HE according to the research results.

The discipline "Design and organization of production of agri-food biotechnology / Engineering and Organization of Production" is included in block B1.V.OD.3.4 and refers to the compulsory disciplines of its variable part of the preparation for the master's program 04.19.01 Biotechnology.

The total complexity of mastering the discipline is 3 credits, 108 hours. The curriculum is designed for lecture classes (18 hours), practical classes (18 hours), independent work of the student (63 hours). The discipline is on sale in the 2nd year in the 3rd semester.

The educational program of the course is aimed at the formation of an appropriate level of study of various design methods of food industry enterprises, design stages, a complex of pre-design and design work, design of the technological part, selection of the technological scheme and construction of process schedules; calculation and selection of technological equipment; calculation of the areas of the main production, warehouses, expeditions; calculation of labor.

The discipline is aimed at the formation of professional competencies.

Educational complex includes:

* the work program of the discipline;
* educational and methodological support of students' independent work (Appendix 1);
* appraisal fund (appendix 2)