ANNOTATION

of the educational complex of discipline

"Biotechnological features of the production of plant products"

Direction of preparation: 19.04.01 Biotechnology

Educational program: "Agri-Food Biotechnology"

The educational-methodical complex of the discipline "Biotechnological features of the production of plant products" 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 the educational standard independently established by FEFU, approved by order of the rector of 07.07.2015 No. 12-13-1282 in this direction.

The discipline "Biotechnological features of the production of plant products" is included in the variable part of the curriculum.

The total complexity of mastering the discipline is 108 hours. The curriculum includes lecture classes (9 hours), practical classes (27 hours), independent student work (72 hours), term paper. The discipline is implemented in the 2nd year in the 4th semester.

The content of the discipline covers the following range of issues:

* traditional and modern directions of the use of plant materials in food biotechnology;
* structural features, chemical composition and properties of various types of plant materials intended for biotechnological processing;
* features of biotechnology of products from plant materials;
* regulatory and technical documentation in the field of circulation of plant raw materials and food products based on it.

The discipline “Biotechnological features of the production of plant products” is logically and meaningfully connected with such courses as “Modern trends in the development of biotechnology”, “Safety and biosafety of agri-food raw materials and food products”.

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).