Learning Outcomes for the Program: Master in Food Systems

**Knowledge: the graduate knows and understands**

K\_W01 knows and understands to an in-depth degree the facts, objects and phenomena, as well as the main development trends in the discipline of management and quality science, and advanced research methodology in this discipline

K\_W02 knows and understands at an advanced level the principles, procedures and practices of effective organization management related to: analyzing, planning, organizing, motivating, controlling and coordinating with regard to the entire organization and individual functions

K\_W03 knows and understands to a greater extent selected facts, objects and phenomena, as well as the main development trends in the discipline of food and nutrition technology, and complementary disciplines in the field of agricultural sciences

K\_W04 knows and understands the fundamental dilemmas of modern civilization related to the food system, including the management of innovations and new technologies, marketing and consumption of food products

K\_W05 knows and understands the complex processes and phenomena occurring in various types of food system organization and in the world around them, including the principles of industrial property protection and copyright

K\_W06 knows and understands the basic principles of creating and developing various forms of entrepreneurship in the food system

K\_W07 knows and understands the fundamental dilemmas of modern civilization related to the food system in the field of nutrition, food production and ensuring food safety

K\_W08 knows and understands the complex processes and phenomena occurring in the process of food design and production, and the conditions of this process

**Skills: the graduate can**

K\_U01 can use the theory of the discipline of management and quality sciences and complementary sciences to identify, diagnose and solve problems related to key functions in the organization, and to integrate them within the organizational strategy, formulating and verifying hypotheses, using the appropriate selection of sources, and adapting existing or developing new methods

K\_U02 can correctly interpret social, political, legal and economic phenomena and their impact on the functioning of the organization and the entire economy, using the right selection of sources and methods

K\_U03 can use their knowledge in the field of food technology and nutrition, as well as complementary disciplines in the field of agricultural sciences to formulate and solve complex and unusual problems and perform tasks in an innovative way

K\_U04 is able to independently, and as a team member, prepare analyzes and diagnoses regarding the functioning of the organization, present them in a communicative manner, and conduct a debate on the analyzed issues

K\_U05 is able to analyze a problem in the field of food and nutrition, and then communicate the results of their work, conclusions or solutions in a communicative manner, as well as undertake a discussion on the analyzed problem

K\_U06 can plan and organize their own work and a teamwork

K\_U07 has the ability to self-educate and improve the acquired qualifications.

**Social competences: the graduate is ready to**

K\_K01 is ready to evaluate and critically approach situations and phenomena, and to consult experts in the event of difficulties in solving the problem on their own

K\_K02 is ready to comply with ethical standards and act in the public interest

K\_K03 is ready to think and act in an entrepreneurial way

K\_K04 is ready to perform responsible professional roles in the field of food system management