

Digital Agriculture Department Master's Program Outcomes

1. To be able to complete the knowledge with scientific methods by using the knowledge that continues the development in the field of study and to gain the culture of applying this knowledge with scientific, social and ethical responsibility.
2. To be able to comprehend the interdisciplinary interaction related to the field of agriculture, to develop and deepen their knowledge at the level of expertise in the relevant program field.
3. To be able to use theoretical and applied knowledge at the level of expertise acquired in the field of agriculture, to create new knowledge by integrating and interpreting knowledge from engineering and different disciplines, and to solve encountered problems using research methods.
4. Ability to critically evaluate one's knowledge and skills in the field of agriculture, direct one's learning, conduct it independently, develop new strategic approaches to solve complex and unforeseen problems, take responsibility, and produce solutions through leadership.
5. By supporting current developments in the field of agriculture and its own studies with quantitative and qualitative data, by using information and communication technologies along with computer software at the required level, by examining social relations and the norms that direct these relations from a critical perspective, and by developing them and changing them when necessary, Ability to systematically convey information to groups other than others, in written, oral and visual form.
6. Being able to communicate verbally and in writing by using a foreign language at a sufficient level, and being able to convey one's own work in written, verbal and/or visual form on international platforms in one's field.
7. To be able to supervise the collection, interpretation, implementation and announcement of data related to the field of agriculture by taking into account social, scientific, cultural and ethical values, to teach these values, to develop strategies, policies and implementation plans on relevant issues and to evaluate the results obtained within the framework of quality processes, to be able to internalize Ability to use knowledge, problem solving and/or application skills in interdisciplinary studies.
8. To be able to apply the acquired knowledge and skills in interdisciplinary studies and to have reached a standard knowledge and competence that will enable access to doctoral degree programs.

Skills and Competences (Master)

KNOWLEDGE -Theoretical -Applied	Skills - Conceptual/Cognitive -Applied	PERSONAL AND PROFESSIONAL COMPETENCES			
		Competence of independent study and responsibility	Competence of Learning	Communication and social competence	Field-specific and professional competence
To be able to develop and deepen their knowledge of the same or a different field based on their qualifications	To be able to use theoretical and practical knowledge in the field of expertise	To be able to perform and solve a study independently that requires expertise related to the field, to evaluate the results and to apply them when necessary	To be able to critically evaluate the knowledge related to the field, to guide learning and to carry out advanced studies independently	To be able to explain the current developments of the field and their own studies in a systematic manner in written, oral and visual ways	To be able to develop strategy, policy and implementation plans related to the field and to be able to evaluate the obtained results within the framework of quality processes
To be able to develop and deepen their knowledge in the field of expertise based on their master's competencies and to reach original studies to bring innovation to the field	To be able to create new information by integrating the information in their field with information from different fields; to be able to solve problems requiring expertise by using scientific research methods	To be able to develop new strategic approaches for the solution of unforeseen problems encountered in applications related to the field and to be able to produce solutions by taking responsibility	To be able to develop a positive attitude towards life-long research and analysis	To be able to critically examine the social relations and the norms that guide these relations, to be able to develop them and to change them when necessary	To be able to consider social, scientific and ethical values, and to teach and control these values in the course of collecting, interpreting and announcing data
Being able to comprehend interdisciplinary interactions that are related to field	To be able to analyse the problems related to the field using research and analysis methods	To be able to lead the field in cases which require problem solving		To be able to use computer software along with information and communication technologies at advanced level as required by the field	To be able to use their field information, problem solving and application skills in interdisciplinary studies