



ESKİŞEHİR OSMANGAZİ UNIVERSITY
GRADUATE SCHOOL OF NATURAL AND APPLIED SCIENCES



AGRICULTURAL BIOTECHNOLOGY DEPARTMENT PhD PROGRAMME LEARNING OUTCOMES

LO1	To acquire an agricultural biotechnology expertise that will provide permanent solutions to current problems and serve different sectors by using the knowledge on the subjects covered by the agricultural biotechnology discipline, having grasped current knowledge and techniques in the field of agricultural biotechnology.
LO2	Identifying and defining complex agricultural problems, creating algorithms and using analysis tools, and developing appropriate models and analyses for this purpose.
LO3	To gain the skills of coordinating the tools and equipment in laboratory studies, together with designing solutions for bottlenecks and problems that cannot be foreseen at the beginning, in field studies.
LO4	Despite the problems that may be encountered, to be able to collect data, diagnose the collected data with experimental methods, determine these problems and design experiments to solve them.
LO5	To be able to take project responsibility in the light of the knowledge learned in the field of agriculture and biotechnology, to anticipate the risks to be encountered and to bring solutions, to ensure sustainability by renewing oneself in the profession, to synthesize in the face of problems.
LO6	To be able to access up-to-date information in the field of agricultural biotechnology and gain the ability to develop oneself by following the technological developments in the field.
LO7	Having knowledge about the necessary standards in all professional activities and considering ethical values.
LO8	To be able to acquire sufficient knowledge and techniques about agricultural biotechnology, to be able to successfully use the knowledge individually and in collaborative work teams.
LO9	To be able to prepare and transfer an evaluation report about the design and experiment results in the field of agricultural biotechnology, and to acquire the ability to take/give instructions in cases that may arise in this process.
LO10	To develop appropriate modern techniques for the detection and solution of complex problems encountered in agricultural biotechnology applications and to gain the ability to use information technologies effectively.

LO11

To be able to evaluate the effects of agricultural biotechnology applications with their health, ecological, social and legal dimensions and to be able to realize their effects on engineering applications.