

Molecular Biology and Genetics (Master) (with Thesis) (English)			
Master	TR-NQF-HE: Level 7	QF-EHEA: Second Cycle	EQF-LLL: Level 7

Program Information

Molecular Biology and Genetics is one of the largest, open to development and respected disciplines. Intense competition in the field of genetics occurs not only in national markets, but also in international markets. It is an important advantage to have a command of advanced technology and genetic applications in production processes. Accordingly, the fields of application of Molecular Biology and Genetics, which have focused on intensive use in medicine, industry and agriculture in recent years, include the industrial production of various hormones, antibodies, antibiotics, the industrial use of biomolecules obtained from living things that can survive in extreme conditions, the production of plants and animals with superior properties, vaccine, pesticide, organ and tissue production, suppression of disease-causing genes. All these technological developments make it possible to treat various genetic-based diseases that cannot be treated with traditional methods, disorders seen in the developmental period and diseases originating from the immune system.