



**ESKİŞEHİR OSMANGAZİ UNIVERSITY**  
**GRADUATE SCHOOL OF NATURAL AND APPLIED SCIENCES**



**BIOTECHNOLOGY and BIOSAFETY DEPARTMENT PhD PROGRAMME LEARNING OUTCOMES**

<b>LO 1</b>	use theoretical and practical knowledge with biotechnology education.
<b>LO 2</b>	analyze concepts and ideas related to biotechnology by scientific methods and interpret and find solutions to them.
<b>LO 3</b>	identify problems in health, food, agriculture, environment and industry and gain skills about these problems in the context of sustainable processes.
<b>LO 4</b>	gain skills to work with the interdisciplinary team as a leader.
<b>LO 5</b>	gain awareness of working environment safety and quality management.
<b>LO 6</b>	discuss about biosafety issues related to biotechnology applications as the owner with detailed information.
<b>LO 7</b>	gain skills of using high-level mental processes such as creative and critical thinking, initiative and decision-making as a researcher, producer and entrepreneur and capable person.
<b>LO 8</b>	contribute to manpower in native biotechnology industry.
<b>LO 9</b>	have professional and social ethics.
<b>LO 10</b>	gain abilities of following, reading comprehension, writing and interpreting by using advanced scientific developments and information technology related to their fields.
<b>LO 11</b>	gain transferring of knowledge and experience in the field as a written, oral and visual skills.
<b>LO 12</b>	gain testing skill observed knowledge by using information technology.
<b>LO 13</b>	communicate orally and in writing using a foreign language in the European Language Portfolio.
<b>LO 14</b>	contribute to the projects with social responsibility by considering national priorities.
<b>LO 15</b>	develop a positive attitude for lifelong learning.