



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



**MATHEMATICS-COMPUTER MSc PROGRAMME LEARNING OUTCOMES**

<b>LO1</b>	Through scientific research in the field of reaches the knowledge widely and in-depth, evaluates, comments and applies the knowledge.
<b>LO2</b>	With current techniques and methods applied in the field has information on level of expertise of these constraints.
<b>LO3</b>	Using the uncertain, limited or incomplete data with scientific methods completes the knowledge and implements; able to use together information from different disciplines.
<b>LO4</b>	Aware of new and developing applications related to professions, learn and examine these applications when needed.
<b>LO5</b>	Ability to formulate and identify problems that are related to study field, develop methods for solving problems and apply innovative methods in solution.
<b>LO6</b>	Ability to develop new and / or original ideas and methods; design complex systems or processes and develop innovative / alternative solutions in his design.
<b>LO7</b>	Theoretical, experimental and modeling based design research and practice; examines the complex problems encountered in this process and solutions.
<b>LO8</b>	Ability to work effectively in inner or multi-disciplinary teams, is able to lead in the such team and able to develop solution approaches in complex cases; work independently and take responsibility.
<b>LO9</b>	Ability to communicate in written and oral forms, use at least one foreign language European Language Portfolio C1 General Level.
<b>LO10</b>	The process and results of the studies, at this or outside areas national and international environment be transfer systematically and clearly written or oral.
<b>LO11</b>	The stages of collection, interpretation, dissemination of data and all events in profession supervise social, scientific and effect values.
<b>LO12</b>	The techniques necessary for the study field, the skills and gain the ability of using modern tools on level of expertise.