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| Skills | -Theoretical-Applied | PROGRAM LEARNING OUTCOMES | THQF | MAC |
|  | number | number |
| Medical Genetics Master Program gives a chance to develop their own knowledge about genetics and medicine. It gives a chance to use and develop modern genetic analyses methods and techniques. | 1 | 1 |
| TURKEY HIGHER EDUCATION QUALIFICATIONS FRAMEWORK (THQF) | MAIN AREAS OF COMPETENCE (MAC) |
| 1.Ability to use previously gained practical and theoretical knowledges of this field. 2. Ability to integrate and synthesise gained knowledge with the knowledges from different fields and to create new knowledges | 1.Having both genetics and medical science background. |
| -Conceptual-Cognitive | PROGRAM LEARNING OUTCOMES | THQF | MAC |
|  |  | Be able to evaluate gained knowledges and skills in a critical approach and to self-leadership in learning | 1 | 1 |
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| TURKEY HIGHER EDUCATION QUALIFICATIONS FRAMEWORK (THQF) | MAIN AREAS OF COMPETENCE (MAC) |
| 1.Develop and deepen knowledge in the same or in a different field to the proficiency level based on Bachelor level qualifications.2. Be able to understand interdisciplinary relations between main field and related fields. | 1. Improve the integration of genetic data to scientific research areas from a global and social framework. |
| Competencies | Competence to Work Independently And Take Responsibility | PROGRAM LEARNING OUTCOMES | THQF | MAC |
| Be able to design and carry out experiments, evaluate and interpret data | 2,3 | 1 |
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| TURKEY HIGHER EDUCATION QUALIFICATIONS FRAMEWORK (THQF) | MAIN AREAS OF COMPETENCE (MAC) |
| 1.Independently conduct studies that require proficiency in the field.2.Take responsibility and develop new strategic solutions as a team member in order to solve unexpected complex problems faced within the applications in the field.3.Demonstrate leadership in contexts that require solving problems related to the field. | 1.Behave individually with the capacity for leadership and innovation |
| PROGRAM LEARNING OUTCOMES | THQF | MAC |
| Learning Competency | Be skilled in using, developing modern techniques and computational tools necessary for genetic screen | 1 | 1 |
| TURKEY HIGHER EDUCATION QUALIFICATIONS FRAMEWORK (THQF) | MAIN AREAS OF COMPETENCE (MAC) |
| 1. Evaluate knowledge and skills acquired at proficiency level in the field with a critical approach and direct the learning. | 1.Be able to integrate knowledge of genetic into spesific research filed and improve. |
|  | Communication And Social Competence | PROGRAM LEARNING OUTCOMES | THQF | MAC |
| Collaborate effectively as a teamworker in disciplinary and interdisciplinary fields | 1 | 1 |
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| TURKEY HIGHER EDUCATION QUALIFICATIONS FRAMEWORK (THQF) | MAIN AREAS OF COMPETENCE (MAC) |
| 1. Communicate current developments and studies within the field to both professional and non-professional groups systematically using written, oral and visual techniques by supporting with quantitative and qualitative data. | 1. Observe social connections and their conducting norms with a critical view and act to change them when necessary.
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| Specific AreasPerfection | PROGRAM LEARNING OUTCOMES | THQF | MAC |
| Be able to follow up the recent problems in national and international fields | 1 | 1 |
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| TURKEY HIGHER EDUCATION QUALIFICATIONS FRAMEWORK (THQF) | MAIN AREAS OF COMPETENCE (MAC) |
| 1. Audit the data gathering, interpretation, implementation and announcement stages by taking into consideration the cultural, scientific, and ethic values and teach these values.
2. Develop strategy, policy and implementation plans on the issues related to the field and assess the findings within the frame of quality processes.
 | 1.Be able to uncover problems in genetic related fields, hypothesize about solutions, prove hypotheses through computational and experimental methods2.Collaborate effectively as a teamworker in disciplinary and interdisciplinary fields  |