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| Skills | -Theoretical-Applied | PROGRAM LEARNING OUTCOMES | THQF | MAC |
| Content | number | number |
|  He/She should have theoretical knowledge in biostatistical topics that is specific to the field of health. It should have the ability to make scientific studies that will bring innovation into the level of expertise by using theoretical knowledge. | 7 | 721 |
|  He/She should have the ability to apply the acquired theoretical knowledge in multidisciplinary medical studies. |
| TURKEY HIGHER EDUCATION QUALIFICATIONS FRAMEWORK (THQF) | MAIN AREAS OF COMPETENCE (MAC) |
| 1. Having advanced theoretical and practical knowledge using Books with up-to-date information in the field and computer-aided special statistical package programs
 | 1. Having knowledge on biostatistical topics that is specific to the field of health
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| -Conceptual-Cognitive | PROGRAM LEARNING OUTCOMES | THQF | MAC |
|  Combining biostatistics information with information from other disciplines in the health field. To gain the ability to respond to questions or hypotheses encountered in the field or clinic by using advanced statistical methods in all scientific studies specific to the health field. | 7 | 721 |
|   To be able to use the theoretical knowledge they have to solve problems in the field and clinic with using statistical package programs and to gain the ability to interpret these analyzes with all the details | 7 | 721 |
| TURKEY HIGHER EDUCATION QUALIFICATIONS FRAMEWORK (THQF) | MAIN AREAS OF COMPETENCE (MAC) |
| 1. He / She should be able to evaluate and use advanced theoretical and practical knowledge in his / her field with a systematic approach2. To develop a new idea, method, or application that brings innovation in the field of biostatistics or to apply a known method to different fields3. To be able to make critical analysis, synthesis and evaluation of new and complex ideas about biostatistics | 1. To use advanced statistical software which is unique to the field with the technological tools required by the field of Biostatistics and to develop creative solutions to problems in the health field by interpreting the analysis results of these software at a good level2. To be able to synthesize new and complex information in the field of biostatistics3. To be able to use both theoretical and practical knowledge in the field of biostatistics for clinical solutions |
| Competencies | Competence to Work Independently And Take Responsibility | PROGRAM LEARNING OUTCOMES | THQF | MAC |
|  To be able to develop new strategic approaches for solving complex problems encountered in applications related to biostatistics and health field and to be able to produce scientific solutions by taking responsibility | 7 | 721 |
|  Being able to independently carry out a work about the field which requires expertise or to work jointly with different areas of expertise to solve health problems related to gathering | 7 | 721 |
| TURKEY HIGHER EDUCATION QUALIFICATIONS FRAMEWORK (THQF) | MAIN AREAS OF COMPETENCE (MAC) |
| 1. Using an advanced theoretical and practical knowledge in his / her field, he / she can independently carry out an original work2. He/ She can Publish a scientific study of the field of biostatistics in national or international competent journals and expand the boundaries of information in the field3. He/She can lead in biostatistics and in environments where it is necessary to solve problems with different areas of specialization | 1. Being aware of the duties and responsibilities of scientific studies that he/she has undertaken2. Be able to use technological tools, equipment and biostatistical or other software related to their own expertise in the field of health3. He/She identifies complex problems related to his/her expertise in the field of health and brings them to solution by scientific methods, solves the problems, evaluates the results obtained and applies them |
| PROGRAM LEARNING OUTCOMES | THQF | MAC |
| Learning Competency |  When using knowledge and skills related to the field of expertise in the field of health; Being able to gain the skills of being an observer, interrogator and investigator | 7 | 721 |
|  To be able to learn and develop any new scientific ideas and methods related to the field of specialization | 7 | 721 |
| TURKEY HIGHER EDUCATION QUALIFICATIONS FRAMEWORK (THQF) | MAIN AREAS OF COMPETENCE (MAC) |
| 1. To be able to find, apply and develop new ideas and methods in the solution of problems and making decisions by using creative and critical approach to the events in the field of health by using advanced theoretical and practical information | 1. He/She uses theoretical and applied biostatistical methods in the field of specialization for solutions in different specialist fields
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|  | Communication And Social Competence | PROGRAM LEARNING OUTCOMES | THQF | MAC |
|  To have the ability to be ethical and reliable in collaborations in his/her own field of expertise (In interdisciplinary studies) or in different areas of health, and to be able to communicate effectively with the working team. | 7 | 721 |
|  To be able to convey the knowledge, skills and experiences related to the health field in writing and orally | 7 | 721 |
| TURKEY HIGHER EDUCATION QUALIFICATIONS FRAMEWORK (THQF) | MAIN AREAS OF COMPETENCE (MAC) |
| 1. Discussing or advocating common terms, specific opinions about the field of specialization. Having effective communication skills demonstrating competence in the field of health2. Communicating effectively in the field of health or with different areas of specialization3. Present oral and visual presentations at national or international conventions and meetings | 1. By transferring the knowledge and skills acquired in the field to different fields of expertise, he/she can support solving the scientific problems in advanced level |
| Specific AreasPerfection | PROGRAM LEARNING OUTCOMES | THQF | MAC |
|  He/She should be able to develop a new scientific method, to present it to practice and to be able to do original work with scientific studies that he/she has done or is going to make about the field of Biostatistics specialty. | 7 | 721 |
|  To be able to transform the knowledge and skills related to biostatistics into projects and activities in the framework of the social responsibility approach, jointly with different areas of expertise | 7 | 721 |
| TURKEY HIGHER EDUCATION QUALIFICATIONS FRAMEWORK (THQF) | MAIN AREAS OF COMPETENCE (MAC) |
|  1. He/She should be able to establish functional interactions by using strategic decision-making processes in solving problems related to the field of Biostatistics expertise2. By contributing to the resolution of problems related to other areas of expertise in the field of health care, they should be able to effectively support them in the evaluation of hypotheses they have established | 1. He/She uses the theoretical and practical knowledge for the solution of health problems in the field of biostatistics 2. He/She leads the congress, courses, symposiums and similar scientific activities in the field of biostatistics3. He/She organizes educational activities and social activities to support the development of scientific studies in the field of biostatistics |