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| --- | --- | --- | --- | --- | --- | --- |
| Skills | -Theoretical  - Applied | PROGRAM LEARNING OUTPUTS | | | QF-HETR | BFQ |
| In the field based on pharmacology licensed skills, besides expanding and deepening their knowledge, they reach information by making scientific research and evaluate, interpret and practice it. | | | 1 | 1 |
| They have the technical skills to perform basic manipulation and applications in experimental animals. | | | 2 | 3 |
| THE QUALIFICATIONS FRAMEWORK FOR HIGHER EDUCATION IN TURKEY  (QF-HETR) | | BASIC FIELD QUALIFICATIONS (BFQ) | | |
| 1. Based on qualifications at the undergraduate level, be able to develop and deepen the knowledge in the same or a different field of study, at the level of expertise.  2. To be able to comprehend interdisciplinary interactions where the field is related. | | **1-** Based on qualifications at the undergraduate level, he/she has up-to-date knowledge in the field of health and develops, deepens them.  **2-** Comprehends and uses interdisciplinary interactions where the field is related.  **3-** **Has knowledge about the technological** equipment and devices **specific to the field at the level required by the health field.**  **4-** Has knowledge about statistics which is used continuously in health field studies, he/she uses relevant software effectively. | | |
| -Conceptual  - Cognitive | PROGRAM LEARNING OUTPUTS | | | QF-HETR | BFQ |
| Designs an original scientific research theme and constructs the experimental methods necessary to conduct the research related to the hypothesis that they reveal. | | | 1 | 2 |
| At the end of the scientific research he/she has done, structures the results in a scientific report. | | | 1 | 3 |
| Analyses his/her scientific thoughts and conveys them using scientific terminology in the framework of ethical rules. | | | 1,2 | 1,2 |
| THE QUALIFICATIONS FRAMEWORK FOR HIGHER EDUCATION IN TURKEY  (QF-HETR) | | BASIC FIELD QUALIFICATIONS (BFQ) | | |
| 1. To be able to use theoretical and practical knowledge in the field of expertise.  2. To be able to interpret the information gained in the field with the information from different disciplines and to be able to create new information.  3. To be able to solve the problems related to the field by using research methods. | | **1-** Uses theoretical and practical knowledge at the level of expertise in the field of health.  **2-** In order to integrate the information he/she has in the health field with the information from different disciplines and to create new information, he/she analyses and synthesizes them by using different research methods and brings solution proposal.  **3-** Writes the report of his/her research.  **4- Performs necessary examinations and solves problems by using technological tools including computer and devices specific to the field at an advanced level.**  **5-** Uses of statistical software effectively, selects, calculates and interprets statistical methods accurately.  **6-**Plans and makes experimental research. | | |
| Competencies | Ability to work independently and take responsibility | PROGRAM LEARNING OUTPUTS | | | QF-HETR | BFQ |
| Leads, evaluates the strategic performance of working groups and contributes to them. | | | 1,2 | 1,2 |
| Provides solutions to problems faced in pharmacology and scientific research. | | | 2 | 2 |
| THE QUALIFICATIONS FRAMEWORK FOR HIGHER EDUCATION IN TURKEY  (QF-HETR) | BASIC FIELD QUALIFICATIONS (BFQ) | | | |
| 1. To be able to independently carry out an activity that requires expertise in the field.  2. To be able to develop new strategic approaches for solving complex problems that are encountered and unpredictable in the field and to be able to produce solutions by taking responsibility.  3. To be able to lead the environment that needs to solve the problems related to the field. | **1-** In the issues that require expertise in the field of health care, constructs, brings solutions, solves the problems, evaluates obtained results and applies them when necessary.  **2-** In case of encountering complex situations that are not foreseen in health field related issues, he/she develops solution proposal and takes responsibility and produces solutions.  **3-** Carries out health studies independently and / or as a team.  **4-** Publishes a scientific article at a national journal or presents it at a scientific meeting.  **5-** Conducts scientific clinical and / or descriptive research / presentation / publication on priority issues related to field and community health. | | | |
| PROGRAM LEARNING OUTPUTS | | | QF-HETR | BFQ |
| Learning Competency | Promotes lifelong learning awareness, including advances in science and technology. | | | 1 | 1,2 |
| Shares scientific information at an international level and uses his/her personal and professional critical thinking skills. | | | 1 | 1 |
| THE QUALIFICATIONS FRAMEWORK FOR HIGHER EDUCATION IN TURKEY  (QF-HETR) | BASIC FIELD QUALIFICATIONS (BFQ) | | | |
| 1. To be able to critically evaluate and direct his/her knowledge and skills in the field. | **1-**Evaluates the knowledge about the health field with a critical approach and directs his/her learning.  **2-** Applies the principles of professional development and lifelong learning related to the health field in the studies that carry out.  **3-**Conducts statistical analysis at the level that he/she can read and evaluate a scientific article, follows evidence-based practices, and conducts research that will produce evidence in the field of professional practice. | | | |
|  | Communication and Social Competence | PROGRAM LEARNING OUTPUTS | | | QF-HETR | BFQ |
| Communicates verbally and in writing at least one foreign language. | | | 3 | 3 |
| Uses and develops information and communication technologies with the computer knowledge required by the profession. | | | 4 | 1 |
| THE QUALIFICATIONS FRAMEWORK FOR HIGHER EDUCATION IN TURKEY  (QF-HETR) | BASIC FIELD QUALIFICATIONS (BFQ) | | | |
| 1. To be able to transfer current developments and their own studies with quantitative and qualitative data in a systematic way in written, verbal and visual manner to the groups in the field and outside the field.  2. To be able to critically review, develop and, if necessary, act to change social relations and the norms that direct these relationships.  3. To be able to communicate and discuss in writing, speaking using a foreign language at least at European Language Portfolio B2 General Level.  4. To be able to use advanced computer software and information and communication technologies at the level required by the field. | **1-** Discusses and shares the knowledge about health, current developments and their own work in a systematic way in written, oral and visual manner with the same group or outside groups.  **2-** Critically examines social relations and the norms that guide those relationships in the field and professional environment and improves them.  **3-**Communicates and discusses in writing, speaking using a foreign language at least at European Language Portfolio B2 General Level. | | | |
| Area Specific Competency | PROGRAM LEARNING OUTPUTS | | | QF-HETR | BFQ |
| He/she becomes aware of professional and ethical responsibility, social sensitivity. | | | 1 | 2,7 |
| Discusses the appropriateness of ethical aspects of scientific research. | | | 1 | 2,7 |
| He/she can compare by evaluating the results of drug treatments applied in the field of community health. | | | 1 | 4 |
| THE QUALIFICATIONS FRAMEWORK FOR HIGHER EDUCATION IN TURKEY  (QF-HETR) | BASIC FIELD QUALIFICATIONS (BFQ) | | | |
| 1. During the collection, interpretation, application and announcement of data related to the field, to be able to control and evaluate them considering social, scientific, cultural and ethical values.  2. To be able to develop strategy, policy and implementation plans on issues related to the field and to be able to evaluate the obtained results within the framework of quality processes.  3. To be able to use knowledge, problem solving and / or application skills in their field in interdisciplinary studies. | **1-**Interprets strategy and policy development and implementation plans on health issues and evaluates the results in a scientific and ethical framework.  **2-** Collects, registers, interprets, announces the data related to the health considering social, scientific and ethical values and teaches these values.  **3-**Implements his/her knowledge and problem solving skills in interdisciplinary studies.  **4-** Evaluates current developments in the health in terms of national values and country facts considering the child and the family, which are the basic unit of the society.  **5-**Develops strategy, policy and implementation plans for health issues and evaluates the obtained results within the framework of quality processes.  **6-**contributes to national and international health policy studies for the furtherance of health.  **7-** **Knows the importance of ethical principles and ethics committees for the individuals and society** and behaves ethically. | | | |