**ACADEMIC DISCIPLINE OVERVIEW**

1. **Program data**

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| 1.1. Higher education institution | Grigore T. Popa University of Medicine and Pharmacy Iasi |
| 1.2. Faculty | Medical Bioengineering |
| 1.3. Department | Biomedical Sciences |
| 1.4. Field of study | Health |
| 1.5. The cycle of studies | Bachelor |
| 1.6. Study program / qualification | Balneo-physiokinetotherapy and rehabilitation – english language / Physiokinetotherapist |

**2. Discipline data**

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| 2.1. Name of the discipline / Code | | | | **Medical Deontology. Bioethics. Ethics and Academic Integrity** | | **RE1104** |
| 2.2. Teaching staff in charge with lectures | | | | **Associate Professor Magdalena Iorga, PhD** | | |
| 2.3. Teaching staff in charge with practical activities | | | | **Associate Professor Magdalena Iorga, PhD** | | |
| 2.4. Year of study | **I** | 2.5. Semester | **1** | 2.6. The type of assessment | **Colloquium, C1** | |
| 2.7. Discipline type | | **Mandatory** | | **Complementary discipline** | | |

**3. Estimated total time (hours/semester of didactic activity)**

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| 3.1. Number of hours / week: | | 3.2. Courses number of hours / week | | 3.3. Seminars / practical classes  number of hours / week | | | |
| Semester 1 | **2** | **1** | | **1** | | | |
| Semester 2 |  |  | |  | | | |
| 3.4. Total number of learning hours: | **28** | 3.5. Of which: Courses | **14** | 3.6. Of which: Seminars / practical classes: | | | **14** |
| 3.7. Distribution of individual study time: | | | | | Hours sem. 1 | Hours sem. 2 | |
| Study time using course book materials, bibliography and hand notes | | | | | 10 |  | |
| Supplementary documentation in the library, using specialised platforms via internet and by field work | | | | | 6 |  | |
| Preparation time for seminars / practical classes, study themes, reviews, portfolio and essays | | | | | 4 |  | |
| Tutorship | | | | | 4 |  | |
| Examinations | | | | | 2 |  | |
| Other activities | | | | | 2 |  | |
| Total hours of individual study (*without examinations*) | | | | | **22** |  | |
| 3.8. Total hours per semester | | | | | **50** |  | |
| 3.9. Number of credits | | | | | **2** |  | |

**4. Preconditions (where applicable)**

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| 4.1. of curriculum | No condition |
| 4.2. of competences | No condition |

5. **Conditions (where applicable)**

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| 5.1. for lectures | Video logistics support. |
| 5.2. for seminars / practical classes | Video logistics support |

**6. Specific competences acquired**

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| **Transversal**  **competencies** | **CT2** | Identification of roles and responsibilities in a multidisciplinary team and the application of communication techniques and effective work within the team and in relation to the patient  Appropriate application of the theoretical knowledge of Medical Ethics and Deontology to allow risk management to avoid medical malpractice situations.  Understanding of the complexity and diversity of bioethical aspects in health care system;  Understanding, building and using the ethical framework for different cases, and using the ethical norms to solve ethical problems which are relevant in different medical field. |

7**.** **Objectives of the study discipline (according to the grid of specific competences acquired)**

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| 7.1. General objective | To understand ethical and deontological concepts regarding  professional and social responsibility of the medical profession. |
| 7.2. Specific objectives | To achieve skills in ethics and to respect the deontology of the profession  Learn a necessary and appropriate bioethical terminology to properly conduct the medical professions;  Develop an understanding and knowledge of the notions which are specific to bioethics; Apply in the medical practice a personal and professional set of bioethical attitudes which allow professional performance in a competent and responsible way; |

**8. Contents**

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| **8.1. Lectures** | | **Teaching methods** | **Observations** |
| 1 | Ethics.Bioethics and Ethics applied in the medical field. | Lectures | 2 hours |
| 2 | Deontology code in physiokinetotherapy profession. | Lectures | 2 hours |
| 3 | Informed consent, confidentiality and professional rules. | Lectures | 2 hours |
| 4 | Academic integrity. Ethics in research | Lectures | 2 hours |
| 5 | Ethics in medical research and pharmaceutical research. | Lectures | 2 hours |
| 6 | Ethics in academic reseearch. Ethics in using human being in research. Ethics in research among medical students. | Lectures | 2 hours |
| 7 | Health care staff and patient – ethics and deontology issues. | Lectures | 2 hours |

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| **8.2. Practical activities - seminar** | | **Teaching methods** | **Observations** |
| 1 | Informed consent.Beneficience and maleficience. | Debate | 2 hours |
| 2 | Health care provider and patient - Confidentiality. | Debate | 2 hours |
| 3 | Professional responsability. | Debate | 2 hours |
| 4 | Ethics in medical research and clinical settings | Case studies. Debate, brainstorming. | 2 hours |
| 5 | Ethics in pharmaceutical, medical and clinical settings. | Case studies. Debate, brainstorming. | 2 hours |
| 6 | Ethics in research. Student”s research. | Portfolios. | 2 hours |
| 7 | Academic integrity. | Portfolios. | 2 hours |

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| **8.3. Bibliography:** |
| ***Mandatory:*** |
| 1. Madgalena Iorga, Camelia Soponaru. Medical psychology and counseling. 2018, Ed Junimea. 2. Vincent Kortleve. Communication skills for physiotherapists. 2021. Elsevier. 3. Akira Akabayashi, Bioethics Across the Globe, Springer, 2020 |
| ***Elective:***   1. Academic ethics and integrity a guide to good practice. Edited by Beatrice Gabriela Ioan, Authors (in alphabetical order) Irina Draga Căruntu, Daniela Cristina Dimitriu, Simona Eliza Giușcă, Bianca Hanganu, Beatrice Gabriela Ioan, Veronica Mocanu, Liviu Oprea, UMF Iasi, 2018 2. Jenny Krutzinna, Luciano Floridi ,The Ethics of Medical Data Donation, Springer, 2019 |

**9. *Correlation of the discipline contents with the expectations of the epistemic community, professional associations, and representative employers from the afferent program field***

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| Knowledge and abilities are established as didactic objectives and specified as such in the analytic programs that are revised yearly. After their analysis by the study discipline staff, these are discussed and approved in the Curricular Committee, towards curricular harmonization among the various study disciplines. Along this entire process systematic evaluation is performed, directly if possible, regarding the correspondence of the contents to the expectations of the academic community and of the representatives of the social community, professional associations, and employers. |

**10. Evaluation**

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| Type of activity | Assessment criteria | Evaluation methods | Contribution to the final grade |
| Lectures | Acquiring theoretical notions and presented in the course | Written exam.  MCQ Examination | 80 % |
| Practical activities | Activities carried out in laboratory and conducted quality essays. | Colloquium practical activity | Admitted/ Rejected |
| Individual study | Preparation time for seminars / practical classes, study themes, reviews, portfolio and essays.  Study time using coursebook materials, bibliography and hand notes, documentation in the library, using specialised platforms via internet and by field work. | Tests during the semester | 20 % |
| Minimal performance standard:  Knowledge of the principles and theories of ethics and medical deontology, the basic elements of informed consent, the essential ethical requirements of moral development and professional behaviour. | | | |

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| Date | Holder of course / signature, | Holder of practical activities / signature, |
| 8.09.2024 | Associate Professor Magdalena Iorga, PhD | Associate Professor Magdalena Iorga, PhD |

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| Date of approval in the Department Council/Teaching Council, | | |
| 19.09. 2024 |  | Department director / signature, |
|  |  | Associate Professor Daniela-Viorelia Matei, MD, PhD |