**ACADEMIC DISCIPLINE OVERVIEW**

1. **Program data**

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| **1.1.** | **GRIGORE T. POPA UNIVERSITY OF MEDICINE AND PHARMACY IASI** | | | | | | | |
| **1.2.** | **FACULTY OF MEDICAL BIOENGINEERING** | | | | | | | |
| **1.3.** | **PROGRAMME:** Physio-kinetotherapy and rehabilitation | | | | | | | |
| **1.4.** | **STUDY FIELD:** Health | | | | | | | |
| **1.5.** | **STUDY CYCLE**: UNDERGRADUATE | | | | | | | |
| **1.6.** | **STUDY PROGRAMME:** INENGLISH | | | | | | | |
| 1. **Subject data** | | | | | | | | |
| **2.1.** | **Subject: Techniques of complementary therapy** | | | | | | | |
| **2.2.** | **Module leader: Lecturer Matei Daniela** | | | | | | | |
| **2.3.** | **Seminar leader: Lecturer Matei Daniela** | | | | | | | |
| **2.4. Year of study** | | **III** | **2.5. Semester in which is taught** | **II** | **2.6. Evaluation type** | C | **2.7. Subject status** | Elective |

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

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| --- | --- | --- | --- | --- | --- |
| **3.1.Number of hours / week** | 1 | **3.2. Courses number of hours / week** | 0,5 | **3.3.Seminar / l practical classes** | 0,5 |
| **3.4. Total number of learning hours** | 14 | **3.5. Courses** | 7 | **3.6. Seminar / practical classes** | 7 |
| **3.7. Distribution of the available time** | | | | | Hours |
| **Study based on the manual, lecture support, bibliography and hand notes** | | | | | 15 |
| **Supplementary documentation in the library, using specialised platforms via internet and by field work** | | | | | 10 |
| **Preparation for seminars / practical classes, study themes, reviews, portofolio, and essays** | | | | | 11 |
| **Tutorship** | | | | |  |
| **Examinations** | | | | | 2 |
| **Other activities** | | | | |  |
| **3.8. Total hours of individual study** | | | | | 36 |
| **3.9. Total hours per semester** | | | | | 50 |
| **3.10. Number of credits** | | | | | 2 |

1. **Preconditions (where applicable)**

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| **4.1.** of curriculum | Anatomy, Massage, Complementary techniques |
| **4.2.** of competences | Knowing the macroscopic and microscopic structure of organs and body systems |

1. **Conditions (where applicable)**

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| **5.1.** for lectures | Video logistical support. |
| **5.2.** for seminars / practical classes | Students will have the appropriate equipment |

1. **Specific competences acquired**

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| Professional competences (expressed as knowledge and abilities) | C2.2 Basic knowledge of opportunity for explanation and interpretation programs tailored physiotherapy treatment  C2.4 Implementation of new technique of complementary therapy  C5.1 Description muscular and articular techniques, functional assessment scores and appreciation of the quality of life of patients with disabilities. |
| Transverse competences (of role, of professional development, personal) | CT1. Identify objectives to be achieved, the resources available, the conditions for completion of their work flow, working time, deadlines and related risks CT2. Identifying roles and responsibilities in a multidisciplinary team and application techniques and effective work relationships within the team and the relationship with the patient |

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

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| **7.1.** General objective | Establishing the role of complementary therapy in relation with other physical therapies. |
| **7.2.** Specific objectives | To assimilate the theoretical basis of the techniques of complementary techniques. |

1. **Contents**

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| **8.1. Lecture** | **Teaching methods** | **Observations** |
| Integrated, complementary and alternative medicine.  Acupuncture, api-phytotherapy, homeopathy, Bach flower therapy, laser therapy, aromatherapy and chromotherapy. | PowerPoint presentations, video presentations, interactive discussions | 2 hours |
| Scientific foundations and principles of homeopathy. | PowerPoint presentations, video presentations, interactive discussions | 2 hours |
| Drugs, remedies, techniques commonly used in trauma. | PowerPoint presentations, video presentations, interactive discussions | 2 hours |
| Drugs, remedies, techniques commonly used in neurological diseases. | PowerPoint presentations, video presentations, interactive discussions | 1 hours |
|  | | |
| **8.2. Seminar / practical classes** | **Teaching methods** | **Observations** |
| Principles of acupuncture, api-phytotherapy, homeopathy, Bach flower therapy, laser therapy, aromatherapy and chromotherapy. | Presentation of clinical cases | 1 hours |
| Materia Medica Homeopathy and constitutional types | Presentation of clinical cases | 2 hours |
| Drugs, remedies, techniques commonly used in trauma. | Presentation of clinical cases | 2 hours |
| Drugs, remedies, techniques commonly used in neurological diseases. | Presentation of clinical cases | 2 hours |
| **Bibliography**  Courses and seminars/practical applications  [Marius Negomireanu](http://www.librarie.net/cautare-rezultate.php?au=29090). Homeopatie - introducere in teoria si practica homeopatiei clasice   |  | | --- | | [Editura de Vest](http://www.librarie.net/cautare-rezultate.php?editura_id=50); 2005, ISBN: 973-36-0401-1 |   Dr. V. Krishnamoorty. Homeopatia în accidente şi traumatisme  Ruth Werner, A Massage Therapist's Guide to Pathology, 5th Edition 2012  Bach Edward. Terapia prin flori. Editura Herald, 2008, ISBN: 978-973-111-067-7 | | |

1. **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. |

1. **Evaluation**

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| **Type of activity** | **Type of activity** | **Evaluation methods** | **Contribution to the final grade** |
| **Lecture** | Acquiring theoretical aspects and concepts presented in the course | Written exam | 50% |
| **Seminar/practical classes** | Practical works topics | Colloquium for practical work | 40% |
| Activity during the semester |  | 10% |
| **Minimal performance standard:**  **A**pplication of different complementary techniques in recovery and rehabilitation | | | |

**Date of completion: Signature of head of discipline**

**Lecturer Matei Daniela, Ph-D**

20.01.2017

**Department approval date**

30.01.2017 **Signature of department director**

Lecturer Daniela-Viorelia Matei, Ph-D