**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: Medical emergencies and first aid RE 1206** | | | | | | | |
| **2.2.** | **Module leader: Lecturer Covali Roxana, Ph-D** | | | | | | | |
| **2.3.** | **Seminar leader: Lecturer Covali Roxana, Ph-D** | | | | | | | |
| **2.4. Year of study** | | **2nd** | **2.5. Semester in which is taught** | **I** | **2.6. Evaluation type** | colloquium | **2.7. Subject status** | Mandatory/ D.S. |

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** |  | **3.3. practical classes/clinical training** | 1 |
| **3.4. Total number of learning hours** | 14 | **3.5. Courses** |  | **3.6. practical classes/clinical training** | 14 |
| **3.7. Distribution of the available time** | | | | | Hours |
| **Study based on the manual, lecture support, bibliography and hand notes** | | | | | 12 |
| **Supplementary documentation in the library, using specialized platforms via internet and by field work** | | | | | 12 |
| **Preparation for seminars / practical classes, study themes, reviews, portfolio, and essays** | | | | | 12 |
| **Tutorship** | | | | | 2 |
| **Examinations** | | | | | 3 |
| **Other activities** | | | | |  |
| **3.8. Total hours of individual study** | | | | | 36 |
| **3.9. Total hours pes semester** | | | | | 50 |
| **3.10. Number of credits** | | | | | 2 |

1. **Preconditions (where applicable)**

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| **4.1.** of curriculum | Anatomy, Physiology |
| **4.2.** of competences | Knowledge of macroscopic and microscopic structure of the organs. Knowledge of techniques of exploring and evaluation of organ functionality |

1. **Conditions (where applicable)**

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| **5.1.** for lectures | Projector |
| **5.2.** for seminars / practical classes | Students will wear protection equipment (white coat), in order to enter the wards |

1. **Specific competences acquired**

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| Professional competences (expressed as knowledge and abilities) | C5.4 Critical interpretation of functional assessment scores, permanently updated according to international standards  C6.4 Development of adequate scores to evaluate functional deficit reduction and socio-professional independence gained after therapy |
| Transverse competences (of role, of professional development, personal) | Identifying roles and responsabilities in a multidisciplinary team.  Application of relationship techniques.  Efficiency in teamwork and in patient relationship. |

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

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| **7.1.** General objective | Familiarity with the methods of first aid, medical terms and pathology . |
| **7.2.** Specific objectives | To familiarize the students with the administration of drugs and with specific maneuvres to protect and care of the patients, especially the seriously ill patients |

1. **Contents**

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| **8.1. Practical classes** | **Teaching methods** | **Observations** |
| Influence of environmental factors on the body | Interactive lecture, discussions, explanations | 2 h |
| Acute fatigue and recovery after effort | Interactive lecture, discussions, explanations | 2 h |
| Food supplements and effort supporters | Interactive lecture, discussions, explanations | 2 h |
| Cardio-respiratory resuscitation maneuvers | Interactive lecture, discussions, explanations | 4 h |
| Heimlich maneuver | Interactive lecture, discussions, explanations | 2 h |
| Bandages, compresses, and scrubs | Interactive lecture, discussions, explanations | 2 h |
| **Bibliography**  **mandatory**  C. Paiu – *Elemente de curs si LP Hemodializa Transfuzii*, *Elemente de curs si LP ATI*  **selective**  *Elemente de curs si LP Neonatologie*, Facultatea de Bioinginerie Medicala, U.M.F. Iasi, 2002  2. C.Paiu – *Tratat de pediatrie* (sub red. C.Iordache), Editura Gr.T.Popa, 2011 | | |

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** | Knowledge of the theoretical notions and aspects presented during the courses | Written examination | 50% |
| **Seminar/practical classes** | Practical topics | Practical work examination | 40% |
|  | Mark during the schoolyear | 10% |
| **Minimal performance standard:**  -Knowing the first aid maneuvres , blood groups, and indications for transfusion | | | |

**Date: Signature of head of discipline**

20.09.2019 **Lecturer Covali Roxana**, Ph-D

**Department approval date**

30.09.2019

**Signature of department director**

Lecturer Daniela-Viorelia Matei, Ph-D