**SYLLABUS**

1. **Programme Details**

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| **1.1.** | **GRIGORE T. POPA UNIVERSITY OF MEDICINE AND PHARMACY IASI** | | | | | | | |
| **1.2.** | **FACULTY : MEDICINE / DEPARTMENT:** SURGERY II | | | | | | | |
| **1.3.** | **DISCIPLINE:** ABILITIES IN MEDICAL MANOEUVERS AND FIRST AID (SECOND MODULE) | | | | | | | |
| **1.4.** | **FIELD of STUDY:** **HEALTH** | | | | | | | |
| **1.5.** | **STUDY CYCLE: BACHELOR** | | | | | | | |
| **1.6.** | **PROGRAMME of STUDY: Medicine - English** | | | | | | | |
| 1. **Discipline Details** | | | | | | | | |
| **2.1.** | **Name of the Discipline:** ABILITIES IN MEDICAL MANOEUVERS AND FIRST AID (SECOND MODULE) | | | | | | | |
| **2.2.** | **Teaching staff in charge with lectures:** Prof. Univ. Dr. Diana Cimpoesu, Lecturer Dr. Anca Haisan, Lecturer Dr. Ovidiu Popa | | | | | | | |
| **2.3.** | **Teaching staff in charge with seminar activities:** SL Dr. Anca Haisan, SL Iulia Roca, SL. Dr. Ovidiu Popa, As.Drd. Gabriela Grigorasi | | | | | | | |
| **2.4. Year** | | **I** | **2.5. Semester** | **II** | **2.6. Type of evaluation** | C2 | **2.7. Discipline regimen** | Mandatory |

1. **Overall Time Estimates (hours/semester of didactic activity)**

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| --- | --- | --- | --- | --- | --- | --- |
| * 1. **Number of hours per week** | 6 | **Of which: 3.2. lectures** | | 3 | * 1. **seminar/ laboratory** | 3 |
| * 1. **Total hours in the curriculum** | 27 | **Of which: 3.5. lectures** | | 6 | **3.6. seminar/ laboratory** | 21 |
| **Distribution of time** |  |  | |  |  | Hours |
| **Study time using coursebook materials, bibliography and notes** | | | | | | 8 |
| **Further study time in the libray, online and in the field** | | | | | | 8 |
| **Preparation time for seminars / laboratories, homework, reports, portfolios and essays** | | | | | | 4 |
| **Tutoring** | | | | | | 2 |
| **Examinations** | | | | | | 3 |
| **Other activities** | | | | | | - |
| **3.7. Total hours of individual study** | | |  | | | 23 |
| **3.8. Total hours / semester** | | |  | | | 50 |
| **3.9. Number of credits** | | |  | | | 2 |

1. **Prerequisites (where applicable)**

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| **4.1. curriculum** | Not necessary |
| **4.2. competences** | Not necessary |

1. **Conditions (where applicable)**

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| **5.1. for lecture delivery** | Not necessary |
| **5.2. for seminar / laboratory delivery** | Not necessary |

1. **Specific Competences Acquired**

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| **Professional Competences (knowledge and skills)** | Perform basic cardiopulmonary resuscitation maneuvers in adults and children Performing automatic defibrillation Perform basic airway management Basic first aid in case of trauma (road accident, wounds, bleeding) |
| **Transversal Competences (roles, personal and professional development)** | Identify Critical Patient and First Aid maneuvers |

1. **Obiectives of the Discipline (related to the acquired competences)**

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| --- | --- |
| **7.1. General Obiective** | Performing Basic Life Suport |
| **7.2. Specific Obiectives** | Carrying out basic cardiopulmonary resuscitation maneuvers and automatic defibrillation on simulation manequins  Applying first aid measures in medical emergencies |

1. **Contents**

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| **8.1. Lecture** | **Teaching methods** | **Comments** |
| BLS Adult | -activ -interactiv  videoprojections | 2h |
| BLS Children | -activ -interactiv  videoprojections | 1h |
| Emergency aproach in trauma cases | -activ -interactiv  videoprojections | 2h |
| Haemostasis used in emergency | -activ -interactiv  videoprojections | 1h |
| **Bibliography**  1. D. Cimpoesu - Protocoale si ghiduri actuale in medicina de urgenta, Ed. Gr.T Popa 2011  2. Consiliul Roman de Resuscitare – Ghiduri in Resuscitare 2015  3. R. Arafat si col – Manualul de prim ajutor calificat in urgente, elaborat de Ministerul Sanatatii  4. Guidelines 2015 www.erc.edu | | |
| **8.2. Seminar / Laboratory** | **Teaching methods** | **Comments** |
| Basic airway management, Airway desobstuctins | Interactive  Practical demonstrations on manequin  Case simulation, Teamwork |  |
| Indication and technique for defibrilation | Interactive  Practical demonstrations on manequin  Case simulation, Teamwork |  |
| Administration of fluids and drugs in emergency | Interactive  Practical demonstrations on manequin  Case simulation, Teamwork |  |
| Emergency aproach in trauma; Primary evaluation | Interactive  Practical demonstrations on manequin  Case simulation, Teamwork |  |
| Haemostasys in emergency situations, local decontamination, wound treatment | Interactive  Practical demonstrations on manequin  Case simulation, Teamwork |  |
| transport and immobilization technique used in the trauma patient | Interactive  Practical demonstrations on manequin  Case simulation, Teamwork |  |
| **Bibliography**  1. D. Cimpoesu - Protocoale si ghiduri actuale in medicina de urgenta, Ed. Gr.T Popa 2011  2. Consiliul Roman de Resuscitare – Ghiduri in Resuscitare 2015  3. R. Arafat si col – Manualul de prim ajutor calificat in urgente, elaborat de Ministerul Sanatatii  4. Guidelines 2015 www.erc.edu | | |

1. **Correlations between the contents of the discipline and the expectations of the epistemic community, of profesional associations and of employers in the field**

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| Knowledge and skills are set as teaching objectives and specified as such in analytical programs reviewed annually. After analysis within the discipline, these are discussed and approved within the Curriculum Bureau, in the sense of harmonization with other disciplines. Throughout this process, the correspondence between content and the expectations of the academic community, community representatives, professional associations and employers is systematically assessed, as far as possible. As a primary goal, the discipline aims to provide students with the optimal prerequisites for the next years of study in the Bachelor's degree program, in order to successfully engage, immediately after graduation, in residential programs in Romania and other EU countries. |

1. **Evaluation**

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| **Type of activity** | **10.1. Evaluation criteria:** | **10.2. Methods of evaluation** | **10.3. Percentage of final grade** |
| **10.4. Lecture** | Grade for multiple choice test | standardized multiple choice test | 50% |
| **10.5. Seminar / Laboratory** | Average grade of ongoing examinations | ongoing evaluation | 10% |
| Grade for practical examination | practical exam | 40% |
| **Minimum standard of performance: at least grade 5 to pass the discipline** | | | |

**Date: Signiture of Didactic Co-ordinator**

**Prof. Univ. Dr. Diana Cimpoesu Signiture of Department Director**

**Prof. Univ. Dr. Dan Cobzeanu**