**SOCIAL MEDICINE**

**Table 2.**

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| **1. PURPOSE AND OBJECTIVES OF TRAINING** | |
| Social medicine teaching aims at enabling students to distinguish between different levels of studying health and the specific tasks of health professionals on the level of public health. The course also aims at developing skills of autonomous analysis and evaluation of public health indicators and relating this study to appropriate measures at local, national and international level.  The programme is organized in two parts:   1. Fundamental part of public health – scope and methods of public health 2. The practice of public health   At the end of the course students should be able to:   * Define the subject field of social medicine; * Apply the socio-medical approach and to prepare social history of disease; * Define health and public health; * Enlist the main public health indicators; * Be familiar with the main principles of organization and functioning of health systems and the main criteria for health systems assessment; * Be familiar with the key strategies of WHO for primary health care development and health promotion; * Determine the main medico-social problems of the vulnerable groups of the population: children, mothers, elderly, disabled; * Be able to calculate and interpret demographic and morbidity indicators as well as indicators for assessment of hospital beds utilization; * Distinguish between different levels of prevention and suggest measures for each of it in relation to specific leading public health problems * Prepare self-administered questionnaire for specific scientific purposes; * Prepare appropriate health education materials. | |
| **2. TEACHING TEAM (FACULTY TEACHERS)** | |
| **Lecturer:**   * **Prof. Dr. Silviya Aleksandrova-Yankulovska,** DM, PhD, DSc, MAS, Master in Medicine, Master in Bioethics; room 311, tel.: 064 884 196   E- mail: [silviya\_aleksandrova@mu-pleven.bg](mailto:silviya_aleksandrova@mu-pleven.bg)  **Staff, providing practicals:**   * Assoc. Prof. Stela Georgieva, MD, PhD * Assoc. Prof. Mariela Kamburova, MD, PhD * Chief Assistant Prof. Dima Canova, MD, PhD | |
| **3. PROGRAMME OF STUDY (CURRICULUM)** | |
| Social medicine education is compulsory and is placed in second year, third and fourth semester of the curriculum of medicine. Additionally, at sixth year social medicine is part of the internship on public health together with infectious diseases, epidemiology and hygiene and the respective state exam. The mission of social medicine study is to contribute to the development of a well-rounded (holistic) medical professional, who will demonstrate knowledge and competence with compassion in dealing with primary health care, desire for lifelong learning, evidence-based practice, interdisciplinary team work, and professional and ethical behaviour in practice in order to improve and sustain the health of the population.  The Program in Social Medicine is originally developed in the Department of Public Health Sciences according to the System of quality of education. The content of the programme is up-to-date with the international public health education.  **File: Учебна програма-СМ-АЕО.docx** | |
| **4. LECTURE COURSE** | |
|  | The lecture course is intended for medical students. The course comprises 15 hour-lectures in two semesters.  **To the lecture course…** |
| **5. ADDITIONAL MATERIALS** | |
| For Section “Sociology” you can additionally read the article *Provoost, V et al. (2018). ‘No daddy’,‘A kind of daddy’: words used by donor conceived children and (aspiring) parents to refer to the sperm donor. Culture, health & sexuality, 20(4), 381-396*, which will give you very good idea of how sociological methods are applied in research. This particular study applies interviews.  **File: Article research based on interview.pdf**  For Section “Epidemiology” two additional materials are provided:   1. Full text classical book of Bonita R, Beaglehole R and Kjellstrom T. (2006). Basic Epidemiology, 2nd edition. World Health Organization, which goes in details of all topics within our programme on epidemiology.   **File: Beaghole Bonita Basic Epidemiology.pdf**   1. Lecture of Johns Hopkins BLOOMBERG School of Public Health. Cohort studies, which presents more details about this fundamental type of epidemiological study.   **File: Cohort studies additional lecture.pdf** | |
| **6. PRACTICALS** | |
| Practicals in social medicine complement the presentation of theoretical concepts and provide opportunity for their implementation for solution of practical public health tasks.    **The theses of the practicals can be found following the link below.**  **File: Практически упражнения тезиси - AEO-СМ – Формуляр.doc**  **Theses of Practical 3 (file: Practical-3-Sociology-Questionnaire.pdf)**  **Theses of Practical 4 (file: Practical-4-Sociology-Interview&Observation.pdf)**  **Theses of Practical 5 is not provided as it consists of colloquium on sociology which is postponed**  **Theses of Practical 6 (file: Practical-6-Epidemiology-Measuring.pdf)**  **Theses of Practical 7 (file: Practical-7-Epidemiology-Comparing.pdf)**  **Theses of Practical 8 (file: Practical-8-Epidemiology-Studies-1.pdf)**  **Theses of Practical 9 (file: Practical-9-E;pidemiology-Studies-2.pdf)** | |
| **7. EXAMINATION SYNOPSIS IN SOCIAL MEDICINE** | |
| The synopsis includes both lectures and textbook materials on the topics.  **File: Конспект за изпит – АЕО - формуляр.docx** | |
| **8. TEST QUESTIONS AND PROBLEMS (TESTS COURSE)** | |
| Students have to pass three tests in the first semester.   * The first test is on Sociology. * The second test is on Epidemiology. * The third test is on morbidity.   The tests will be re-scheduled in consideration to the face-to-face teaching time by the end of the semester or alternative form of one combined test will be applied at the end of the semester. Currently, you have access to sample test questions at the end of each practical.  **Training test samples can be found at the end of each practical.** | |
| **9. GENERAL COMMENTS AND RECOMMENDATIONS** | |
| This section contains instructions on how to prepare for the course. During the semester follow the information on the information board at the department in regards to schedules of lectures, seminars, upcoming tests, halls and catch-up classes.  **The general comments and recommendations can be found using the link below.**  **File: Общи бележки и препоръки АЕО СМ.doc** | |
| **10. FORUM ON THE DISCIPLINE** | |
| The forum on social medicine is developed to give opportunity for communication between the students and the faculty. | |
| **11. CONSULTATIONS** | |
| Consultations will be provided on request with different distant means of communication including scheduled skype meetings. | |

**Table 2.**

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| **Lecture 1: Social medicine as a science - 17.02.2020/ 25.02.2020** |
| Definition. Structure. Methods. Development of concepts. The education in social medicine. Social determinants of health and disease.  [pdf-icon Presentation of Lecture 1.](http://do2.mu-pleven.bg/mod/resource/view.php?id=13664) Files: Lecture 1-Introduction.pptx |
| **Lecture 2: Sociology as applied to medicine and health care system - 02.03.2020/ 10.03.2020** |
| Surveys (self-administered questionnaire and interview). Observation. Social experiments. Secondary (document) analysis.  [pdf-icon Presentation of Lecture 2](http://do2.mu-pleven.bg/mod/resource/view.php?id=13664) Files: Lecture 2 – Sociology.pptx |
| **Lecture 3: Epidemiology – Part 1 – 16.03.2020/ 24.03.2020** |
| **Definition and scope of epidemiology. Basic concepts. Measuring disease frequency. Comparing disease occurrence.**  [pdf-icon Presentation of Lecture](http://do2.mu-pleven.bg/mod/resource/view.php?id=13664) 3 Files: Lecture 3 – Epidemiology Part 1.pptx |
| **Lecture 4: Epidemiology – Part 2 – 30.03.2020/ 03.04.2020** |
| Types of studies. Descriptive and analytical studies.  [pdf-icon Presentation of Lecture](http://do2.mu-pleven.bg/mod/resource/view.php?id=13664) 4 Files: Lecture 4 – Epidemiology Part 2.pptx |
| **Lecture 5: Epidemiology – Part 3 – 13.04.2020/ 28.04.2020** |
| Experimental studies. Biases. Causation in epidemiology.  [pdf-icon Presentation of Lecture](http://do2.mu-pleven.bg/mod/resource/view.php?id=13664) 5 Files: Lecture 5 – Epidemiology Part 3.pptx |
| **Lecture 6: Prevention and health promotion – 04.05.2020/ 12.05.2020** |
| Definitions. Levels of prevention – primordial, primary, secondary, tertiary.  pdf-icon Presentation of Lecture 6 Files: Lecture 6 – Prevention&Promotion.pptx |
| **Lecture 7: Morbidity – 18.05.2020/ 26.05.2020** |
| Public health–concept. Measurement, sources and methods of studying morbidity.  pdf-icon Presentation of Lecture 7 Files: Lecture 7 – Morbidity.pptx |
| **Lecture 8: Demographic approaches to health assessment. Demography statics. – 01.06.2020** |
| Definitions. Population size. Population structure by sex, place of living and age. Population aging.  [pdf-icon Presentation of Lecture](http://do2.mu-pleven.bg/mod/resource/view.php?id=13664) 8 Files: Lecture 8 – Demography introduction.pptx |