

**MED 3003 - GERIATRICS**

Course Name	Code	Semester	Type of course	Theory (hours)	Application (hours)	ECTS
GERIATRICS	MED 3003	VI	Mandatory	18	38	4
Faculty, the educational program and education level	Faculty of Medicine, one-cycle Educational Program "Medicine"					
Author (s)	<b>Neriman Tsintsadze</b> – Assoc. Professor, MD, PhD <b>Mobile pphone:</b> 599 17 01 88; <b>E-mail:</b> <a href="mailto:dr.neriman@mail.ru">dr.neriman@mail.ru</a> Consultation day: individually					
Educational course format	Lecture Practical work Clinic Duty					
Educational course loading	<b>Total:</b> 120 Hours <b>Contact hours:</b> 60 h 1. Lecture – 18 h 2. Team work – 38 h 3. Midterms – 2 h 4. Final exam -2 h <b>Independent work</b> – 60 h					
Prerequisites	None					
The purpose (s) of tutorial course/modules	The student should acquire and apply competencies composed of knowledge, skills and attitudes in the area of Geriatrics: the elements of age biology, human physiology and functional systems age dynamics, age and disease, relatively widespread forms, etiopathogenesis, clinical picture, diagnosis and treatment of the basic principles.					
Teaching methods	<b>Lectures will be conducted</b> based on verbal explanation method, notes –taking and include: <b>probleme-based study</b> –problem formation and solving in the frame of learning subject; <b>explanation method</b> - answer the students' questions during the lecture <b>Practical work (Curacy)</b> Curacia considers teaching in the clinical environment and include: <b>Discussion</b> -student not only answer the question, but argue. Student groups should defend their opinion, justify and nullify the opponent's arguments. <b>Brainstorm</b> - definition of their own opinions, criticism, exclusion, selection of criteria; all the different opinion listening and discussion, searching for the creative approach to the problem solving; <b>Action-oriented teaching</b> - interpretation of theoretical and practical cases of patients.					

**Assessment criteria**

**Maximum score- 100**

**Midterm assessment -60**

- Attendance – 5 score;
- Clinical Duty (3 duties X 5scores for each)–15 scores:
- Activity on Application – 10 scores:
- Discussion-10 scores
- Midterm Exam – 20 scores

**Group Work are Assessed Based on the Following Criteria** (maximum 10 point)

**10 scores-** Student has been able to present complete and thorough knowledge of the subject, a substantial amount of detailed and relevant information. Demonstrate considerable depth of understanding of the studied main and additional literature. Bring forward a balanced view of the main arguments on the issues.

**9 scores** - Student has been able to bring forward a consistent number of deductions on most of the topics tackled. make very good comments on the different perspectives on most of the issues. Demonstrates knowledge of the main readers.

**8 scores** - Student has been able to bring forward a consistent knowledge, Has properly developed terminology. Demonstrates knowledge of the main readers.

**7 scores** - Student has been able to present some factual information sufficiently linked with the topic. Demonstrate a good understanding of the topics selected. make a good attempt to bring forward a balanced view of some arguments on the issues. Terminology is partially developed.

**6 scores** - Student has been able to make some good comments on the different perspectives on some of the issues. Make poor deductions on most of the topics tackled. analyse some causes and results of human interactivity related to the issues.

**5 scores** - Student has been able to demonstrate inconsistent comments on the different perspectives on some of the issues. Terminology is partially developed. Present mediocre level of knowledge. Make poor deductions.

**4 scores** - Student demonstrates general overview of the topics. Terminology is not developed. Information sufficiently linked with the topic. Demonstrate irrelevant understanding of the literature.

**3 points** – Student demonstrates general/superficial and inconsistent knowledge of the subject. No sufficient knowledge of the literature.

**2 scores** - Student demonstrates general comments, no knowledge of the terminology, no consistency.

**1 score** – Student demonstrates insufficient answer, not terminology awareness, chronologic manner of the answer, mostly wrong, no knowledge of literature.

**0 score:** Student demonstrates not even elementary knowledge of the topics.

**Discussion assessment criteria (10 scores- max.)**

1. Argumentativeness of represented factual material -2 scores;
2. Complexity of represented factual material -2 scores;
3. Discussion activity – 2 scores;
4. Debating and listening culture - 2 scores;
5. Keeping within the time-limit – 2 scores.

	<p><b>Midterm Exam – 20</b></p> <p>Is held in the written test form (test consists of 40 multiple-choice questions, each question is rated as 0.5 score).</p> <p>Minimal score of midterm assessment (for final exam admission) – is 11; to take in account that student will receive the maximum score at the final exam.</p> <p><b>Final Exam – 40 score max.</b></p> <p>Is held in the written test form (test consists of 80 questions, each question is rated as 0.5 score)</p> <p>Students have to score equal or more than 70% from final exam maximum score (40X70/100=28 maximum 28 scores from the overall 40) to pass the final examination.</p> <p>Credit will be given to the student if he has collected at minimum 51 scores out of 100.</p> <p>The students' assessment has to be done in the following way:</p> <p><b>Positive rate:</b></p> <p>(A) Excellent- 91 or more scores;  (B) Very Good- 81-90 scores;  (C) Good- 71-80 scores;  (D) Satisfactory- 61-70 scores;  (E) Enough- 51-60 scores;</p> <p><b>Negative rate:</b></p> <p>(FX) Failure - 41-50 scores, which means that a student needs to work more and an independent and considerable further work is required to pass the exam once again to be re-awarded;  (F) Fail - 40 scores or less, which means that the student's diligence is not sufficient and student has to learn the subject all over again.</p> <p>Student can pass the additional exam during the same semester.</p> <p>The time interval between the final and the additional exams should be not less than 10 days</p>
<b>The basic literature</b>	1. KV Krishna Das. <b>Textbook of Medicine (Volume I-II)</b> , 2004. IV. P 537. (Code/Number CS 010-003; CS 010-004)
<b>The auxiliary literature</b>	1. Edited by: NK Gami. <b>Bedside Approach to Medical Therapeutics with Diagnostic Clues</b> . 2005. P 654. (Code/Number CS 010-005) 2. Joyce P.Doyle, Laura J.Martin. <b>Ambulatory Medicine Case Book</b> . 2001. P 609. (Code/Number CS 010-006)

#### The tutorial/training course content

№	Subjects	Theory	Practice
1	Geriatrics as a scientific- practical direction of natural, medical and social sciences. senility Biology.	3	3
2	Human physiological and functional systems dynamic of age	3	6

3	Organization of body functional, development, age, and Disease: Cardio-vascular senility and Respiratory Disease	3	9
	<b>Mid-term exam</b>		2
4	Nervous and Muscular-skeletal System Diseases. Senility Depression	3	9
5	Infectious and senility	3	6
6	Geriatric aspects of General oncology. Senility	3	5
	<b>Final exam</b>		2

### Learning Outcomes

Criteria	General (Transferable) Competences	Subject Specific Competences
<b>Knowledge and understanding</b>	Has deep and consistent knowledge of the study area, which enables to elaborate /develop new, original ideas. Understands the approaches for solving problems.	The student will have knowledge about the most distributed diseases among the elderly people, their physical examination, preliminary and differential diagnoses and treatment principles..
<b>Ability of knowledge application</b>	Can act efficiently in a new and unpredicted, multidisciplinary environment; can apply new, original approaches to address the package problems. Can apply the modern methods and approaches in the implementation of the research. Is able to easily master the new practical working methods and technologies. Is able to clearly identify and formulate the problems, analyse the expected / potential outcomes and make final decision. Knows additional resources within the area of specialization and can effectively apply them in case of necessity. Is able to work independently, has good time management and priority setting skills, can meet tight deadlines and has a good sense of responsibility. Can develop an accurately plan resources related to one's activities.	Student will be able to: <ul style="list-style-type: none"> <li>• Collect the patients anamnesis and taking medical history;</li> <li>• provide subjective and objective research and planning the care and cure measures</li> </ul>
<b>Analysis and Synthesis (ability to do the appropriate conclusions)</b>	Can critically assess complex and controversial data, independently analyze and render the conclusions based on the analysis, can apply in practice the deductions, has a critical approach to new information, can integrate various data and sum them up to come to package solution, come up with arguments and counter arguments while analyzing the obtained results.Can bear responsibility for the performed work and can assess and criticize it.	The student will be able to analyse the medical history data, patient's complaints, clinical symptom, laboratory and instrumental research data, associated with the aging and make proper conclusions.

<p><b>Communicative Skills</b></p>	<p>Can manage the information, can obtain information from various sources and verify them, can process large volumes of information and assess the information critically. Can support professional activity by the knowledge based experience.</p> <p>Is able of independent decision making, can determine package problems, and their solutions, analysis of the expected results and come up with final decision. Is aware of additional resources and can effectively use them. Is able of conclusion making, argumentation and communicate the research methods with the academic and professional foreign languages community, taking into consideration the achievements of taking into consideration the achievements of academic honesty standards, information and communication technologies.</p> <p>Is able to observe, to listen, to put questions, and has others not verbal communication skills.</p> <p>Is able to participate in the meetings and express their opinions verbally and in writing, to conduct negotiations and resolve the conflict situation in professional context.</p> <p>Can work in a team, as a regular member and as a leader. Can distinctly formulate the tasks. Can reach agreement with the team members, coordinate their activities, adequately assess abilities of the team members, manage situations during conflicts and force majeureIs able to easily adapt in a new environment, has skills of practical team work, has ethics of professional subordination /adaptation.</p>	<p>Student can communicate with patients their relatives and colleagues within the specialty</p>
<p><b>Life-long learning ability</b></p>	<p>Can fully use study resources in consequence, can manage one's own learning process. Understands the importance of life-long learning. Is an independent learner. Understands and specifics of the learning process. Is able to develop a successful strategic plan for learning.</p>	<p>Student can search needed information in scientific sources and use this data in practice</p>
<p><b>Values</b></p>	<p>Can assess one's owns and other's attitude towards to values, and can contribute to the establishment of new values.</p>	<p>Student acknowledges the necessity of Geriatrics basis knowledge and protects value of the relationship with the elderly people.</p>