



COURSE UNIT (MODULE) DESCRIPTION

Course unit (module) title	Code
Introduction to Medical Studies	

Academic staff	Core academic unit(s)
Coordinating: Assoc. Prof. dr. Aistis Žalnora Other: asist. Monika Ramonaitė, asist. dr. Eglė Sakalauskaitė-Juodeikienė, dr. Daiva Milinkevičiūtė-Kastunovič Prof. (HP) dr. Jūratė Šipylaitė; doc. dr. Robertas Badaras, doc. dr. Andrius Klimašauskas, doc. Dr. Mindaugas Šerpytis, jaun. asist. Gintarė Šostakaitė, lekt. Aušra Bučaitė-Matulianecė, lekt. Vilma Kuzminskaitė, lekt. Gabrielė Ledinauskienė, lekt. Rūta Misiūnienė, lekt. Eglė Ruzgytė-Norvydė, lekt. Tomas Strainys, lekt. Lukas Gambickas, lekt. Dainius Trybė	Vilnius University, Faculty of Medicine, Institute of Health Sciences, Centre for Health Ethics, Law and History; Institute of Clinical Medicine, Clinic of Anaesthesiology and Intensive Care, Santariskiu str. 2, Vilnius

Study cycle	Type of the course unit
Integrated	Compulsory

Mode of delivery	Semester or period when it is delivered	Language of instruction
Lectures and seminars, practice in the operating theatre, intensive care unit and simulator class.	Year I, semester I	English

Requisites	
Prerequisites: none	Co-requisites (if relevant): none

Number of ECTS credits allocated	Student's workload (total)	Contact hours	Individual work
3	90	46	44

Purpose of the course unit		
The purpose of this course is: to develop the student's ability to evaluate past medical events and current medicine in the wider social context of the development of scientific and social history, logically express thoughts, learn to think critically and self-critically, learn to debate, develop information gathering and analysis skills, to boost honesty, a complex approach to problem solving, responsibility as well as other humanistic values, constant interest in Lithuanian and world medicine history and new scientific achievements, general history and culture as well as to incite their interest in new scientific discoveries and both national and global science and culture. To provide Basic Life Support and the First aid.		
Learning outcomes of the course unit	Teaching and learning methods	Assessment methods
-to be able to think critically; - to be creative and proactive; - to be able to strive for goals persistently; - to be sociable, pleasant and friendly.	Lectures, seminars, presentations, to provide contradictory arguments, discussions.	Presentation. Collecting activity points during seminars.

<ul style="list-style-type: none"> - to recognize the limits of own's competencies; - to oppose and debate, speak publicly, - to respect the opponent's opinion. -to be able critically evaluate the achievements, challenges and limits of current medical science 	Lectures, seminars, presentations, to provide contradictory arguments, discussions.	Colloquium and exam in a written form. Answers to closed type questions. Activity scoring during seminars.
<ul style="list-style-type: none"> - to be able to analyze and make generalizations; - to learn to work in a team, cooperate and seek agreement in group tasks. - to be able to learn independently both during the studies and in the life time; - to be able to conduct scientific research. 	Lectures, seminars, presentations, to provide contradictory argument, discussions.	Answer to the open and closed type questions. Collecting activity points during seminars.
<ul style="list-style-type: none"> - to understand cultural and environmental diversity; - to seek for knowledge in various fields of science and humanities; not to restrict the area of interest to the bio-medical sciences only, but rather evaluate medicine in a broader social context 	Lectures, seminars, presentations, to provide contradictory arguments, discussions.	Answer to the open and closed type questions. Collecting activity points during seminars.
<ul style="list-style-type: none"> -to apply scientifically based evidences in practice; - to be able to conduct search of required medical literature and evaluate it critically. 	Lectures, seminars, presentations, to provide contradictory arguments, discussions.	Answer to the open and closed type questions
Be able to perform Basic Life Support and the First aid according to European Resuscitation Council guidelines.	Practical training in simulator classes and workshop-stations, seminars.	Continuous evaluation of knowledge and skills achieved in simulator classes.

Content	Contact hours							Individual work: time and assignments	
	Lectures	Tutorials	Seminars	Workshops	Laboratory work	Internship	Contact hours, total	Individual work	Tasks for individual work
1. Introduction to history of medicine subject. The object of medical history. Medicine in the primitive societies. Medicine in Ancient civilizations	1		2				3	2	To read required literature, to prepare for the presentations
2. Medicine in Ancient Greece. Hippocratic tradition	1		2				3	2	To read required literature, to prepare for the presentations
3. Medicine in ancient Rome	1		2				3	3	To read required literature, to prepare for the presentations
4. Medicine in Western Europe and Islamic countries in the Middle Ages. Medieval epidemics.	1		2				3	3	To read required literature, to prepare for the presentations
5. Renaissance medicine in Europe. Medicine in the Grand Duchy of Lithuania in the 16th-18th centuries	1		2				3	3	To read required literature, to prepare for the presentations
6. Enlightenment medicine in 18-th century- early 19-th century in	1		2				3	3	To read required literature, to prepare for the presentations

Western Europe and Vilnius University									
7. The birth of modern medicine: cell pathology and microbiology in Western Europe and Lithuania in the 19th century. Epidemics of modern times.	1		2				3	3	To read required literature, to prepare for the presentations
8. Medical science and practice in the second half of the 19th century. Nursing, midwifery. Women in medicine	1		2				3	3	To read required literature, to prepare for the presentations.
9. Public health and health protection in late 19th century – early 20th century Europe and Lithuania	1		2				3	3	To read required literature, to prepare for the presentations
10. Clinical medicine and the modern hospital: anatomy, surgery in the 19th century. - at the beginning of the 20th century	1		2				3	3	To read required literature, to prepare for the presentations
11. Basic Life Support	2		2	2			6	6	To read Basic Life Support guidelines and prepare for practicals
12. First aid during critical illness and medical studies. Bleeding, stroke, myocardial infarction, allergy, choking, hyperthermia, hypothermia	2		2	2			6	6	To read the guidelines for the First aid in different situations and prepare for practicals
13. Principles of tactical medicine	2						2	2	
14. First aid for poisoning	2						2	2	
Total:	18		24	4			46	44	

Assessment strategy	Weight %	Deadline	Assessment criteria
Presentation	20 %	During the semester	Assessment: 1-10 points out of 10 Assessment criteria of the presentation: 1. All structural parts (introduction, results, conclusions, questions, references) are obligatory. 2. The content of the presentation corresponds to the subject. 3. The duration of the report corresponds to the scheduled time. 4. The presentation is delivered fluently.
Colloquium (history of medicine)	20 %	October	The colloquium- 20 closed questions. Every question is evaluated 0,5 points.
Test for Basic Life Support and the First Aid only	20 %	During the last practical	The test is composed of 30 questions (of different complexity, from understanding to assessment). The assessment is as follows: 10 (Excellent): Excellent performance, outstanding knowledge and skills. 95-100 % correct answers. 9 (Very good): Strong performance, good knowledge and skills 85-94 % correct answers. 8 (Good): Above the average performance, knowledge and skills 75-84 % correct answers. 7 (Highly satisfactory): Average performance, knowledge and skills with unessential shortcomings 65-74 % correct answers. 6 (Satisfactory): Below average performance, knowledge and skills with substantial shortcomings. 55-64 % correct answers. 5 (Sufficient): Knowledge and skills meet minimum criteria. 45-54 % correct answers.

			4, 3, 2, 1 (Insufficient): Knowledge and skills do not meet minimum criteria/below minimum criteria. 0-44 % correct answers. Failed.
Exam (history of medicine)	40%	January	Exam test includes 20 closed type questions. Every question is evaluated 0,5 points.

Author (-s)	Publishing year	Title	Issue of a periodical or volume of a publication	Publishing house or web link
Required readings				
R. Porter	1998	The Greatest Benefit to Mankind. A Medical History of Humanity From Antiquity to the Present. Chapters: III,IV,V,VIII,IX,X,	-	London
L. Magner	2011	A History of Medicine. Chapters: 9, 11,13,14	-	New York, London
Žalnora A.	2018	The role of the Hygiene Department of Stephen Bathory University in the development and promotion of public health in Vilnius in the years 1922-1939/ Studia Historiae Scientiarum https://ojs.ejournals.eu/SHS/article/view/SHS.18.004.9324	Nr. 17	Crakow
Duffin J.	2001	History of Medicine: A Scandalously Short Introduction	-	Toronto
European Resuscitation Council	2021	European Resuscitation Council Guidelines 2021		https://cprguidelines.eu/
Recommended readings				
McGrew R. E.	1985	Encyclopedia of medical history	-	Montreal
Kenneth F. Kiple,	2003	The Cambridge Historical Dictionary of Disease		Bowling Green State University, Ohio
Ramonaitė M.	2017	„The career of the doctor of medicine and philosophy Stefano Lorenzo Bisio in the Grand Duchy of Lithuania“	Lithuanian historical studies 21:31–59	
Sakalauskaitė-Juodeikienė E.	2023	“Heroic” medicine in neurology: A historical perspective.	<i>Eur J Neurol</i> 2023; 00:1-8. doi:10.1111/ene.16135	

Sakalauskaitė-Juodeikienė E, Eling P.	2021	„Hildegard of Bingen (c. 1098 - 1179) on sleep and dreams in her <i>Causae et curae</i> and <i>Physica</i> : a historical perspective.“	Sleep Medicine 2021; 88: 7-12.	
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