



Pomeranian Medical University in Szczecin

SYLLABUS of the MODULE (SUBJECT)

General Information

Code		Title	History of Medicine
Module type			<i>Obligatory</i>
Faculty			<i>Faculty of Medicine</i>
Field of study			<i>medicine (KL)</i>
Major			<i>not applicable</i>
Level of study			<i>II level/ long-cycle (2J)</i>
Mode of study			<i>intramural</i>
Year of study			<i>I</i>
Semester			<i>winter</i>
ECTS points			<i>2</i>
Types of training			<i>seminars (25 hours)</i>
Tutor responsible for the module			Aleksandra Kładna, MD, PhD e-mail: zhmel@pum.edu.pl
Tutors conducting the subject			Aleksandra Kładna, MD, PhD zhmel@pum.edu.pl Joanna Nieznanowska MD, PhD zhmel@pum.edu.pl Renata Paliga, MD, PhD zhmel@pum.edu.pl
WWW			www.pum.edu.pl
Language			English

Detailed information

Module objectives		<p>The goals of the history of Medicine course:</p> <ul style="list-style-type: none"> • independent performing of search queries in medical sciences • explaining the patterns in the historical development of medical professions • orientation in the most important discoveries and achievements in medical sciences over the past centuries • showing the need for critical assessment of medical sciences and for the development of one's critical reasoning skills • encouraging physicians-to-be to learn about the achievements of the greatest doctors of the past, including representatives of Polish medicine • showing moral problems embedded in medical practice in times of war • pointing to negative factors affecting the development of medical sciences over the centuries
Prerequisite /essential requirements	Knowledge	<i>explains terms related to history of medicine</i>
	Skills	<i>knows how to use historical sources properly</i>
	Competences	<i>shows satisfactory self-education habit and communication skills</i>

Description of the learning outcomes for the subject /module			
Number of learning outcome	Student, who has passed the (subject) Knows /is able to /can:	SYMBOL (referring the standards) EKK	Method of verification of learning outcomes
KL2JPW16	understands cultural, ethnic and national determinants of human behavior	K_D.W16	Continuous assessment during seminars
KL2JPW17	knows the prehistory of medicine, the history of medicine in ancient cultures and in the middle ages	K_D.W17	Continuous assessment during seminars
KL2JPW18	knows the characteristic features of modern times medicine and its greatest discoveries	K_D.W18	Continuous assessment during seminars
KL2JPW19	knows how new medical disciplines develop and evolve, knows the achievements of the greatest representatives of medicine in Poland and worldwide	K_D.W19	Continuous assessment during seminars
KL2JPW20	knows the premises of Evidence based Medicine	K_D.W20	Continuous assessment during seminars
KL2JPU07	is able to teach others	K_D.U7	Continuous assessment during seminars
KL2JPU13	knows and observes the rules of professional ethical conduct	K_D.U13	Continuous assessment during seminars

KL2JPU16	exhibits responsible attitude to own professional training, continuous education and participation in further development of medical sciences	K_D.U16	Continuous assessment during seminars
KL2JPU17	recognizes own limitations, deficits and educational needs, takes active steps to increase one's own knowledge and skills	K_D.U17	Continuous assessment during seminars
KL2JPU18	knows how to analyze historical texts critically and how to draw conclusions from them, can plan own education	K_D.U18	Oral examination with the source query
KL2JPK01	understands the need for continuous self-education; can inspire and organize others to self-educate	K_D.K01	
KL2JPK03	is aware of the impact of social and cultural diversity on individual assessment of life situation	K_D.K03	
KL2JPU05	accepts the need to be proficient in a foreign language	K_D.K05	

Matrix presenting the learning outcomes of the subject/module in relation to the form of classes

Number of learning outcome	Student, who has passed the (subject) Knows /is able to /can:	Types of training							
		Lecture	Seminar	Laboratory classes	Project work	Clinical classes	Classes	Practical classes	Other
KL2JPW16	understands cultural, ethnic and national determinants of human behavior		X						
KL2JPW17	knows the prehistory of medicine, the history of medicine in ancient cultures and in the middle ages		X						
KL2JPW18	knows the characteristic features of modern times medicine and its greatest discoveries		X						
KL2JPW19	knows how new medical disciplines develop and evolve, knows the achievements of the greatest representatives of medicine in Poland and worldwide		X						
KL2JPW20	knows the premises of Evidence based Medicine		X						
KL2JPU07	is able to teach others		X						
KL2JPU13	knows and observes the rules of professional ethical conduct		X						
KL2JPU16	exhibits responsible attitude to own professional training, continuous education and participation in further development of medical sciences		X						

KL2JPU17	recognizes own limitations, deficits and educational needs, takes active steps to increase one's own knowledge and skills		X						
KL2JPU18	knows how to analyze historical texts critically and how to draw conclusions from them, can plan own education		X						
KL2JPK01	understands the need for continuous self-education; can inspire and organize others to self-educate		X						
KL2JPK03	is aware of the impact of social and cultural diversity on individual assessment of life situation		X						
KL2JPK05	accepts the need to be proficient in a foreign language		X						

Module (subject) contents			
Symbol of teaching programme	Content of teaching programme	References to learning outcomes	
TK01	Introduction to Medical History. Historical sources. Period of the oldest civilizations.	KL2JP W16 KL2JP W17 KL2JP W18	KL2JP W19 KL2JP W20
TK02	Medical education in ancient Greece and Rome: schools and their representatives	KL2JP W16 KL2JP W17 KL2JP W18	KL2JP W19 KL2JP W20
TK03	Surgery and medicine.	KL2JP W16 KL2JP W17 KL2JP W18	KL2JP W19 KL2JP W20
TK04	The development of medicine in the Middle Ages.	KL2JP W16 KL2JP W17 KL2JP W18	KL2JP W19 KL2JP W20
TK05	The origins of university education.	KL2JP W16 KL2JP W17 KL2JP W18	KL2JP W19 KL2JP W20
TK06	Development of clinical medicine - schools and education systems	KL2JP W16 KL2JP W17 KL2JP W18	KL2JP W19 KL2JP W20
TK07	The contribution of William Harvey and the influence of his experiments on the development of medical sciences	KL2JP W16 KL2JP W17 KL2JP W18	KL2JP W19 KL2JP W20
TK08	The history of experimental sciences in the nineteenth century	KL2JP W16 KL2JP W17 KL2JP W18	KL2JP W19 KL2JP W20
TK09	Social Medicine	KL2JP W16 KL2JP W17 KL2JP W18	KL2JP W19 KL2JP W20

TK10	Natural and medical sciences in the nineteenth century	KL2JP W16 KL2JP W17 KL2JP W18	KL2JP W19 KL2JP W20
TK11	The story of antibiotics, sulfonamides, enzymes, hormones and vitamins	KL2JP W16 KL2JP W17 KL2JP W18	KL2JP W19 KL2JP W20
TK12	Medicine of the twentieth century, with particular emphasis on the war period	KL2JP W16 KL2JP W17 KL2JP W18	KL2JP W19 KL2JP W20
TK13	Representatives of Polish medicine in the light of achievements of world medicine	KL2JP W16 KL2JP W17 KL2JP W18	KL2JP W19 KL2JP W20

References and educational resources

1. Brzeziński T.(red.):Historia medycyny (wyd. IV). PZWL,Warszawa 2004
2. Gutt R.W.:Dzieje nauki o krwi.PZWL,Warszawa,1975
3. Gutt R.W.: Wybrane zagadnienia z dziejów nauki o chorobie.Wyd.PAN,1986
4. Kładna A.:Rozwój diagnostyki a postęp medycyny.Rozprawa doktorska.PAM,1986
5. Szumowski W.:Historia medycyny. PZWL,Warszawa 1961
6. Seyda B.: Dzieje medycyny w zarysie część I i II. PZWL, Warszawa 1962
7. Lyons A.S., Petrucelii R.J.:Ilustrowana historia medycyny. Penta, Warszawa 1996
8. Szumowski W.: Historia medycyny filozoficznie ujęta. Antyk, Warszawa 2008
9. Szumowski W.:Logika dla medyków.Druk W.L. Anczyca i Spółki w Krakowie, Kraków 1939
10. Supady J.: Historia dentystyki.Wydawnictwo Adi, Łódź,2007
11. Scientific periodicals devoted to the history of medicine (Archiwum Historii i Filozofii Medycyny, Medycyna Nowożytna, Vesalius, np.Gutt R. Rozważania o historii, filozofii i socjologii medycyny. Arch. Hist. i Fil. Med.1981
12. Students are encouraged to use other sources (monographs, popular scientific publications, periodicals)

Student's workload (balance sheet of ECTS points)

Form of student's activity (in-class participation; activeness, produce a report, etc.)	Workload [h]		
	Tutor	Student	Average
activities that require direct participation of tutors		30	
Preparation to the classes		10	
Reading of the indicated/specified literature			
Report writing/project making			
Time spent to prepare for the exam		15	
Other			
Student's workload in total		55	

ECTS points for the subject	2
Remarks at the end	

Methods of assessment, for example:

E – exam- problem resolving

S – verifying of practical skills

R – report

D – discussion

P – presentation

Others-