Pomeranian Medical University in Szczecin

SYLLABUS of the MODULE (SUBJECT)
General Information

Module title: HISTORY OF MEDCINE	
Module type	Obligatory
Faculty PMU	Faculty of Medicine and Dentistry
Major	Medicine
Level of study	long-cycle (S2J)
Mode of study	full-time studies
Year of studies, semester	Year I, semester I
ECTS credits (incl. semester breakdown)	2
Type/s of training	3 e-learning lectures, 22 seminars ∑ 25
Form of assessment*	☐graded assessment: ☐descriptive ☐test ☐practical ☐oral ☐non-graded assessment ☒final examination ☐descriptive ☐test ☐practical ☒oral
Head of the Department/ Clinic, Unit	Assoc. Prof. Aleksandra Kładna, MD, PhD
Tutor responsible for the module	Assoc. Prof. Aleksandra Kładna, MD, PhD zhmel@pum.edu.pl
Department's/ Clinic's/ Unit's website	Zakład Historii Medycyny i Etyki Lekarskiej
Language	English

* replace ☐ into ☒ where applicable

Detailed information

Module objectives		The objectives of History of Medicine are as follows: • To equip students with the ability to conduct queries for data collection in medicine; • To help students understand the paths of development of medical profession and medical tradition through centuries; • To provide students with knowledge of the most crucial discoveries and developments in history of medicine; • To help students develop the ability to think critically and draw independent conclusions; • To inspire students to develop interest in the biographies and achievements of great scholars, researchers and practitioners of the past, with particular stress on Polish representatives of medical sciences; • To raise students' awareness of moral issues related to war; • To help students recognize and understand negative factors influencing the development of medical sciences in the past.
Prerequisite /essential requirements	Knowledge	Understands and delivers basic terms and definitions related to the academic field of history
	Skills	Is capable of carrying out basic analysis of historical sources
	Competences	Develops the habit to self-educate, communicate effectively, and work in teams.

Description of the learning outcomes for the subject /module

No. of learning outcome	Student, who has passed the (subject) knows /is able to /can:	SYMBOL (referring the standards)	Method of verification of learning outcomes*
W01	Cultural, ethnic, and national factors influencing human behavior	D.W19.	O, PS, PM, EU
W02	History of medicine, medicine of primitive peoples and ancient civilizations, and features characteristic of medieval medicine	D.W20.	O, PS, PM, EU
W03	Features characteristic of modern medicine, and its most important discoveries	D.W21.	O, PS, PM, EU
W04	The process of shaping new specialties within a scientific field – medical science and the achievements of the leading representatives of Polish and world's medicine	D.W22.	O, PS, PM, EU
W05	The fundamentals of evidence-based medicine	D.W23.	O, PS, PM, EU
U01	to show responsibility for improving one's own qualifications, and sharing knowledge with others.	D.U16.	O, PS, PM, EU
U02	to critically analyze, and draw correct conclusions from, medical literature, including English language one	D.U17.	O, PS, PM K, EU
K01	notices and recognizes his own limitations and makes a self-assessment of educational deficits and needs.	K.05	O
K02	Uses objective information sources	K.07	O

Table presenting LEARNING OUTCOMES in relation to the form of classes								
No. of learning outcome	**Learning outcomes**	**Type of training**						
		Lecture	**Seminar**	**Practical**	**Clinical classes**	**Simulations**	**E-learning**	**Other…**
W01	D.W1.		X				X	
W02	D.W4.		X				X	
W03	D.W7.		X				X	
W04	D.W19.		X				X	
W05	D.W20.		X				X	
U01	D.U16.		X					
U02	D.U17.		X					
K01	K.05		X					
K02	K.07		X					

Table presenting TEACHING PROGRAMME			
No. of a teaching program	**Teaching programme**	**No. of hours**	**References to learning outcomes**
Winter semester			
Lectures e-learning 3h			
TK01	Introduction to History of Medicine. Historical sources. First civilisations.	2	D.W19.; D.W20.; D.W21.; D.W22.; D.W23.
TK02	Surgery *versus* medicine.	1	D.W19.; D.W20.; D.W21.; D.W22.; D.W23.
Seminars 22h			
TK03	Medical education and training in ancient Greece and Rome: major schools and representatives.	2	D.W19.; D.W20.; D.W21.; D.W22.; D.W23.; D.U16.; D.U17.; K05.; K.07
TK04	Surgery *versus* medicine.	1	D.W19.; D.W20.; D.W21.; D.W22.; D.W23.; D.U16.; D.U17.; K05.; K.07
TK05	Development of medicine in the Middle Ages.	2	D.W19.; D.W20.; D.W21.; D.W22.; D.W23.; D.U16.; D.U17.; K05.; K.07
TK06	The beginnings of university medical teaching.	2	D.W19.; D.W20.; D.W21.; D.W22.; D.W23.; D.U16.; D.U17.; K05.; K.07
TK07	The development of clinical schools and medical training systems.	2	D.W19.; D.W20.; D.W21.; D.W22.; D.W23.; D.U16.; D.U17.; K05.; K.07
TK08	William Harvey's experiments and their impact on the development of biomedical sciences.	2	D.W19.; D.W20.; D.W21.; D.W22.; D.W23.; D.U16.; D.U17.; K05.; K.07
TK09	Experimental research in the 19th century.	2	D.W19.; D.W20.; D.W21.; D.W22.; D.W23.; D.U16.; D.U17.; K05.; K.07
TK10	Social medicine	1	D.W19.; D.W20.; D.W21.; D.W22.; D.W23.; D.U16.; D.U17.; K05.; K.07

TK11	Natural and medical sciences in the 19th century	2	D.W19.; D.W20.; D.W21.; D.W22.; D.W23.; D.U16.; D.U17.; K05.; K.07
TK12	The development of antibiotic, sulphonamide, enzyme, hormone, and vitamin treatments.	2	D.W19.; D.W20.; D.W21.; D.W22.; D.W23.; D.U16.; D.U17.; K05.; K.07
TK13	Medicine in the 20th century, especially in war time.	2	D.W19.; D.W20.; D.W21.; D.W22.; D.W23.; D.U16.; D.U17.; K05.; K.07
TK14	Polish medicine, its major representatives, and its contributions to the world's medicine	2	D.W19.; D.W20.; D.W21.; D.W22.; D.W23.; D.U16.; D.U17.; K05.; K.07

Booklist
Obligatory literature:
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. Szumowski W.: Historia medycyny. PZWL, Warszawa 1961
5. Seyda B.: Dzieje medycyny w zarysie część I i II. PZWL, Warszawa 1962
6. Szumowski W.: Historia medycyny filozoficznie ujęta. Antyk, Warszawa 2008
Supplementary literature:
1. Lyons A.S., Petrucelii R.J.: Ilustrowana historia medycyny. Penta, Warszawa 1996
2. Kładna A.: Rozwój diagnostyki a postęp medycyny. Rozprawa doktorska.PAM,1986
3. Szumowski W.: Logika dla medyków. Druk W.L. Anczyca i Spółki w Krakowie, Kraków 1939
4. Supady J.: Historia dentystyki. Wydawnictwo Adi, Łódź,2007
5. Scientific periodicals on history of medicine
6. Students are encouraged to use other resources (monographs, popular publications, web resources)

Student's workload	
Form of student's activity (in-class participation; activeness, produce a report, etc.)	Student's workload [h]
	Tutor
Contact hours with the tutor	25
Time spent on preparation to seminars/ practical classess	10
Time spent on reading recommended literature	20
Time spent on writing report/making project	
Time spent on preparing to colloqium/ entry test	10
Time spent on preparing to exam	
Other …..	
Student's workload in total	65

ECTS credits for the subject (in total)	2
Remarks	

* Selected examples of methods of assessment:
EP – written examination
EU – oral examination
ET – test examination
EPR – practical examination
K – colloqium
R – report
S – practical skills assessment
RZC – practical classes report, incl. discussion on results
O – student's active participation and attitude assessment
SL – lab report
SP – case study
PS - assessment of student's ability to work independently
W – entry test
PM – multimedial presentation
other…