



# Pomeranian Medical University in Szczecin

## SYLLABUS of the MODULE (SUBJECT)

valid from the academic year 2017/2018

### General Information

Module title	<i>Tropical parasitic diseases</i>
Module type	<i>Facultative</i>
Faculty	<i>Faculty of Medicine</i>
Field of study	<i>Medicine</i>
Major	<i>Not applicable</i>
Level of study	long-cycle (S2J)
Mode of study	intramural
Year of studies, semester	<i>Year II, semester IV</i>
ECTS credits (incl. semester breakdown)	1
Type/s of training	<i>lectures (20h)</i>
Form of assessment	<p>- <i>graded assessment</i>: *</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> <i>descriptive</i></li> <li><input type="checkbox"/> <i>test</i></li> <li><input type="checkbox"/> <i>practical</i></li> <li><input type="checkbox"/> <i>oral</i></li> </ul> <p><b>X</b> <i>non-graded assessment</i> *</p> <p>- <i>final examination</i>: *</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> <i>descriptive</i></li> <li><input type="checkbox"/> <i>test</i></li> <li><input type="checkbox"/> <i>practical</i></li> <li><input type="checkbox"/> <i>oral</i></li> </ul>
Head of the Department/ Clinic, Unit	Prof. Elzbieta Kalisinska, DSc, PhD
Tutor responsible for the module	Prof. Elzbieta Kalisinska, DSc, PhD e-mail: <a href="mailto:ekalist@pum.edu.pl">ekalist@pum.edu.pl</a> Lidia Kołodziejczyk, PhD, Prof. e-mail: <a href="mailto:lkolo@pum.edu.pl">lkolo@pum.edu.pl</a> Natalia Lanocha-Arendarczyk PhD, e-mail: <a href="mailto:nlanocha@pum.edu.pl">nlanocha@pum.edu.pl</a>
Department's/ Clinic's/ Unit's website	<a href="https://www.pum.edu.pl/wydzialy/wydzial-lekarsko-biotechnologiczny/katedra-i-zaklad-biologii-i-parazytologii-medycznej">https://www.pum.edu.pl/wydzialy/wydzial-lekarsko-biotechnologiczny/katedra-i-zaklad-biologii-i-parazytologii-medycznej</a>
Language	English

\*replace ☐ with X where applicable

## Detailed information

<b>Module objectives</b>		Increase of knowledge of: <ul style="list-style-type: none"><li>biology of human tropical parasites (protozoans, helminthes and arthropods), pathogenicity, epidemiology and infection pathways,</li><li>elements of epidemiology, geographic areas, diagnostic techniques and prophylaxis of parasitic diseases and travel medicine</li><li>arthropods as biological vectors of viruses, bacteria and parasites</li></ul>	
Prerequisite /essential requirements	Knowledge	knowledge of biology, human anatomy, physiology and biochemistry; relationships between parasite and host	
	Skills	operates optic microscope and is able to take advantage of immersion.	
	Competences	self-education	
<b>Description of the learning outcomes for the subject /module</b>			
<b>No. of learning outcome</b>	<b>Student, who has passed the (subject) knows /is able to /can:</b>	<b>SYMBOL (referring the standards) ZEK</b>	<b>Method of verification of learning outcomes *</b>
W01	knows the epidemiology of transmission of diseases by viruses, bacteria, fungi and parasites and geographic areas of their occurrence	K_C.W13	Single-choice final test (FT)
W02	knows invasive forms or phases of development of selected parasitic fungi, protozoans, helminthes and arthropods and geographic areas of their occurrence	K_C.W15	
W03	describes principles of parasite-host interactions and knows basic symptoms caused by parasites	K_C.W16	
W04	knows and understands principles of microbiological and parasitological diagnostics	K_C.W18	
U01	Identifies most frequent parasites in humans on the basis of their structure, life-cycles and disease symptoms	K_C.U7	
K01	Demonstrates the awareness for self-education, understands the need for continuing professional education, can inspire and organize learning processes in others	K_K03	

Table presenting learning outcomes of the subject/module in relation to the form of classes									
No.	SYMBOL (referring the standards) ZEK	Type/s of training							
		Lecture	Seminar	Practical classes	Clinical classes	...	...	...	Other...
1.	K_C.W13	X							
2.	K_C.W15	X							
3.	K_C.W16	X							
4.	K_C.W18	X							
5.	K_C.U7	X							
6.	K_K03	X							
Module (subject) contents no.	Description of teaching programme	No. of hours		References to learning outcomes					
Lectures									
TK01	Leishmaniasis and other protozoan diseases	4		W01,W02,W03,W04, U01, K01					
TK02	Malaria and searching efficient methods of treatment	4		W01,W02,W03,W04, U01, K01					
TK03	The most important trematodiasis. Known and unknown nematodiasis (part 1)	4		W01,W02,W03,W04, U01, K01					
TK04	Known and unknown nematodiasis (part 2). African nematodiasis	4		W01,W02,W03,W04, U01, K01					
TK05	Arthropods as a vector of tropical diseases. Elements of travel medicine	4		W01,W02,W03,W04, U01, K01					
Booklist									
Obligatory literature:									
1. Peters W., Pasvol G. Atlas of tropical medicine and parasitology (2007) Elsevier Mosby, Sixth edition									
2. Bogitsh B.J., Carter C.E., Oeltmann T.N. (2011) Human Parasitology. Forth edition. Academic Press									
Supplementary literature:									
1. Buczek A. (editor) (2007) “Parasitology for Medical Students” Koliber Publ., Lublin 330 pp. ISBN 83-60497-30-3									

Student's workload (balance sheet of ECTS credits)			
Form of student's activity (in-class participation; activeness, produce a report, etc.)	Student's workload [h]		
	Tutor	Student	Average
Contact hours with the tutor	20		
Time spent on preparation to seminars/ practical classess			
Time spent on reading recommended literature	5		
Time spent on writing report/making project			
Time spent on preparing to colloquium/ entry test			
Time spent on preparing to exam	5		
Other .....			
Student's workload in total	30		
ECTS credits for the subject (in total)	1		
Remarks			

\* Selected examples of methods of assessment:

EP – written examination

EU – oral examination

ET – test examination

FT- Single-choice final test

EPR – practical examination

K – colloquium

R – report

S – practical skills assessment

RZĆ – 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...