



# Pomorski Uniwersytet Medyczny w Szczecinie

## SYLLABUS of the MODULE (SUBJECT) General information

Module title: SURGERY AND ONCOLOGY	
Module type	Obligatory
Faculty PMU	Faculty of Medicine and Dentistry
Major	Medical and Dentistry
Specialty	-
Level of study	long-cycle
Mode of study	full-time/part-time
Year of studies, semester	Year 3 /semester VI
ECTS credits (incl. semester breakdown)	(3)
Type/s of training (Number of hours)	Lectures (16h) Seminars (10h) Practical classes (12h) incl. simulation (4h)
Form of assessment <sup>1</sup>	graded assessment <input type="checkbox"/> descriptive <input type="checkbox"/> test <input type="checkbox"/> practical <input type="checkbox"/> oral  <input type="checkbox"/> non-graded assessment  <input checked="" type="checkbox"/> final examination: <input type="checkbox"/> descriptive <input type="checkbox"/> test <input checked="" type="checkbox"/> practical <input checked="" type="checkbox"/> oral
Head of the Department /Clinic, Unit	Prof. dr hab. med. Józef Kładny
Tutor responsible for the module	dr n.med. Tariq Al-Amawi
Name and contact data of the unit	Department of General and Oncological Surgery SPSK1 ul. Unii Lubelskiej 1, 71-252 Szczecin Phone: 91 425 04 00 e-mail: sekr.chironkol@spsk1.szn.pl
Department's/ Clinic's/ Unit's website	www.pum.edu.pl
Language	Polish/English

<sup>1</sup>

<sup>1</sup> where applicable, replace ☐ into ☒

### Detailed information

Module objectives		Improving knowledge in the field of surgery and oncology - Teaching the basic principles of qualifying a patient for surgical treatment - Teaching the principles of preparing the patient for surgery - Training in practical surgical operations and procedures - Familiarizing with the basic methods of treatment of the most common neoplastic diseases.
Prerequisite /essential requirements	Knowledge	- Fundamentals of anatomy. - Pathophysiology of diseases of the digestive system, cardiovascular system, breast, skin and soft tissues. - Epidemiology of malignant neoplasms - Fundamentals of radiology - Laboratory diagnostics
	Skills	Hand disinfection, cannulation of peripheral veins, clinical examination of a patient, assessment of vital signs
	Competences	Demonstrates the habit of self-education and lifelong learning - accepts the need for ethical standards and legal conditions related to the profession. Ability to work in a team

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	knows the basic methods of medical examination and the role of additional examinations in diagnosing cancer, gastrointestinal tract diseases, peripheral circulatory system diseases and injuries	K_E.W02	EU
W02	knows etiopathogenesis and symptomatology of diseases of alimentary tract, breast, peripheral circulatory system and soft tissues	K_E.W03	EU
W03	knows principles of procedure in case of multi-organ injury	K_E.W04	EU
U01	Recognises: symptoms of acute abdominal conditions, gastrointestinal and breast cancer and peripheral cardiovascular diseases	K_E.W07	EU, EPR

U02	Can diagnose diseases of the breast, abdominal cavity, peripheral circulatory system and injuries	K_E.U01	EU, EPR
U03	Performs basic surgical procedures and treatments: hand disinfection, wound suturing, catheterization, gastric probe insertion	K_E.U20	EPR
K01	can co-operate with team members and care about occupational safety	K_K03	EU, EPR
K02	can make opinions on different aspects of professional activities	K_K10	EU, EPR

<b>Table presenting LEARNING OUTCOMES in relation to the form of classes</b>								
<b>No. of learning outcome</b>	<b>Learning outcomes</b>	<b>Type of training</b>						
		<b>Lecture</b>	<b>Seminar</b>	<b>Practical classes</b>	<b>Clinical classes</b>	<b>Simulations</b>	<b>E-learning</b>	<b>Other forms</b>
W01	K_E.W02	X	X			X		
W02	K_E.W03	X	X					
W03	K_E.W04	X	X					
U01	K_E.W07	X	X					
U02	K_E.U01				X			
U03	K_E.U20				X	X		
K01	K_K03				X	X		
K02	K_K10				X			

Table presenting TEACHING PROGRAMME			
No. of a teaching programme	Teaching programme	Number of hours	References to learning outcomes
<b>SUMMER SEMESTER</b>			
<b>Lectures (16h)</b>			
TK01	Acute abdominal conditions	2	W01, W02
TK02	Selected issues in colorectal surgery.	2	W01, W02
TK03	Selected issues in liver surgery	1	W01, W02
TK04	Selected issues in pancreatic and biliary surgery.	1	W01, W02
TK05	Selected issues in surgery of the stomach, duodenum and small intestine	2	W01, W02
TK06	Breast cancer: diagnosis and treatment.	2	W01, W02
TK07	Thoracic, abdominal and multiple injuries	2	W01, W02, W03
TK08	Selected issues in arterial surgery.	2	W01, W02
TK09	Selected issues in venous surgery	2	W01, W02
<b>Seminars (10h)</b>			
TK01	Cranio-cerebral injuries.	2	W01, W02
TK02	Fundamentals of oncology	2	W01, W02
TK03	Large bowel cancer	2	W01, W02
TK04	Stomach cancer	2	W01, W02
TK05	Malignant cancers of skin and soft tissues	2	W01, W02
<b>Practical classes (8h)</b>			
TK 01	Cranio-cerebral injuries. Multi-organ and multiple injuries	1	W01; W03; U02; U03; K01; K02;
TK 02	Traumatic injuries of the thorax. Abdominal organ injuries.	1	W01, U02, U03, K01, K02
TK 03	Injuries of upper and lower limbs and pelvis	1	W01, U02, U03, K01, K02
TK 04	Burn, frostbite	1	W01, U02, U03, K01, K02
TK 05	Abdominal hernias	1	W01, U02, U03, K01, K02
TK 06	Varicose veins of lower limbs. Venous thrombosis	1	W01; W02; U02; U03; K01; K02;
TK 07	Acute abdominal disorder	1	W01, W02, U01, U02, U03, K01, K02
TK 08	Colorectal and rectal surgery	1	W01; W02; U01; U02; K01; K02;
<b>Simulation 4h</b>			
TK01	Breast examination	1	W01; W02; U01; U02; K01; K02;
TK02	Diseases of the gastrointestinal tract (examination per rectum, insertion of a gastric probe). Diseases of the genitourinary system (bladder catheterization, examination per rectum)	1	W01; W02; U01; U02; K01; K02;
TK03	Wounds. Techniques for small procedures	2	W01; W02; U01; U02; K01; K02;
<b>Booklist:</b>			
Obligatory literature:			

J. Fibak <i>"Chirurgia"</i> PZWL W-wa 2014
Supplementary literature:

<b>Student's workload</b>	
Form of student's activity (in-class participation; activeness, produce a report, etc.)	Student's workload [h]
	Tutor
Contact hours with the tutor	38
Time spent on preparation to practical classes	
Time spent on reading recommended literature	10
Time spent on writing report/making project	
Time spent on preparing to colloquium/ entry test	
Time spent on preparing to exam	30
Other .....	
Student's workload in total	78
ECTS credits for the course (in total)	3

<b>Notes</b>

\* Selected examples of methods of assessment:

EP – written examination

EU – oral examination

ET – test examination

EPR – practical examination

K – colloquium

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...