



Oncologic Surgery													
Totally in winter semester	22					30							
Summer Semester													
Department of Gastrointestinal and General Surgery	3					9							
Department of Cardiac Surgery	6					8							
Department of Thoracic Surgery	9					5							
II Department of General and Oncologic Surgery	3					8							
Totally in summer semester	21					30							
TOTAL per year:													
	43					60							
Educational objectives (max. 6 items)													
C1. Diagnosis and qualification of patients to surgical treatment in acute and chronic surgical diseases, essentially concerning neoplastic diseases													
C2. Pediatric surgery													
C3. Basics and problem of modern transplantology													
C4. Principles of diagnosis and treatment of the most common urological diseases													
C5. Pathophysiology and treatment of burns													
C6. Basic ambulatory surgery principles													
Education result matrix for module/course in relation to verification methods of the intended education result and the type of class													
Number of course education result	Number of major education result	Student who completes the module/course knows/is able to				Methods of verification of intended education results (forming and summarising)				Form of didactic class **enter the abbreviation			
K 01	F	K1, K2, K3, K4, K5				Oral exam				L, CC			
S 01	F	S1-F, S6, S0				Oral exam				CC			
** L - lecture; SE - seminar; AC – auditorium classes; MC – major classes (non-clinical); CC – clinical classes; LC – laboratory classes; SCM – specialist classes (magister studies); CSC – classes in simulated conditions; FLC – foreign language course; PCP practical classes with patient; PE – physical education (obligatory); VP – vocational practice; SS – self-study, EL – E-learning .													
Student's amount of work (balance of ECTS points)													
Student's workload (class participation, activity, preparation, etc.)										Student Workload (h)			
1. Contact hours:										103			
2. Student's own work (self-study):										30			
Total student's workload										133			
ECTS points for module/course													
Comments										5,0			



Content of classes (please enter topic words of specific classes divided into their didactic form and remember how it is translated to intended educational effects)

Lectures- winter semester

II Department of General and Oncologic Surgery

1. Bleeding from gastrointestinal tract
2. Neoplasms of the breast
3. Early and advanced gastric cancer
4. Colonic and rectal cancer
5. Pancreatic field cancer

Department of Gastrointestinal and General Surgery

6. Esophageal cancer
7. Reconstructive esophageal surgery
8. Benign disease of the upper digestive tract
9. Acute abdominal diseases

Lectures –summer semester

Department of Cardiac Surgery

1. Surgical coronary revascularization. The role of cardiac surgeon in the heart failure treatment.
2. Surgical treatment of aortic diseases.
3. Past, contemporary and future of cardiac surgery. Modern operative technics

Department of Thoracic Surgery

4. Lung cancer-surgery
5. Invasive diagnostic procedures in thoracic neoplasms
6. Malformations of the thorax
7. Traumas of the thorax

Department of Gastrointestinal and General Surgery

8. Pancreas surgery
9. Oncologic diseases of the gastrointestinal tract

II Department of General and Oncologic Surgery

11. Role of nutritional treatment in surgery

Seminars-winter semester

Department of Cardiac Surgery

1. *Cardio-pulmonary by-pass and the circulatory assist devices.*
2. *The coronary artery disease. Heart revascularization indications.*
3. *The mechanical complications after myocardial infarct.*

Department of Thoracic Surgery

4. Surgical treatment of the lung cancer: diagnosis, indications, contraindications, preparation of a patient to thoracotomy, complications and treatment. Role of surgery in combined treatment of the lung cancer
5. Methods of invasive diagnostic procedures in thoracic diseases (bronchoscopy, US guided transbronchial and transoesophageal biopsy, peristernal mediastinotomy, mediastinoscopy, video-thoracoscopy, diagnostic thoracoscopy, interventional bronchoscopy)

II Department of General and Oncologic Surgery

6. Minimally invasive abdominal surgery-laparoscopy, endoscopy
7. Gastric cancers- surgical treatment. Early gastric cancer as a separate disease
8. Biliary tract neoplasms. Early and advanced stage of the disease
9. Surgery of the breast, TNM classification

Department of Gastrointestinal and General Surgery



- 10. Abdominal hernias
- 11. Anal and rectum diseases
- 12. Ileus
- 13. Digestive tract cancer diagnosis

Practical classes- summer semester

Department of Cardiac Surgery

- 1. Valvular heart disease. Heart neoplasms.
- 2. Selected congenital heart defects. Heart transplantation.
- 3. Aortic disease. Injury of heart and the great vessels.

Department of thoracic surgery

- 4. Mediastinal diseases (pneumomediastinum, mediastinitis, neoplasms and cysts-symptoms, invasive diagnostic procedures, surgical indications. Role of surgery in pleural diseases. Surgical indications, pleural drainage, treatment methods
- 5. Role of surgery in treatment of thoracic infections (tuberculosis, pyothorax, mycoses)

II Department of General and Oncologic Surgery

- 6. Abdominal cavity traumas. Diagnosis and treatment
- 7. Bleeding from The digestive tract-types, diagnosis and treatment
- 8. Contemporary principles of peritonitis treatment. Multiorgan failure-diagnosis and treatment
- 9. Oncological diseases of the digestive tract. Principles of surgical treatment

Department of Gastrointestinal and General Surgery

- 9. Esophageal diseases
- 10. Surgical diseases of the large intestine
- 11. Pancreas and biliary system diseases
- 12. Biomarkers in gastrointestinal neoplasms.

Basic literature: (list according to importance, no more than 3 items)

- 1. Garden O.J. (Ed.): Principles and practice of surgery. Davidson series. Elsevier 2007
- 2. Lawrence P.F. (Ed.): Essentials of Surgery. Williams and Wilkins 1992
- 3. Sweetland H., Conway K.: Surgery. Crash Course. Mosby 2004

Suplementary literature: (wymienić wg istotności, nie więcej niż 3 pozycje)

- 1. F.G.Pearson'a , Churchill Livingstone; 2 edition (July 2002): Thoracic Surgery

Didactic resources requirements (e.g. laboratory, multimedia projector, other...)

TV, computers, TV room, view from operating theater

Conditions to receive credit for the course

Grade:	Criteria (only for courses/modules ending with an examination)
Very Good (5.0)	
Good Plus (4.5)	



Good (4.0)	
Satisfactory Plus (3.5)	
Satisfactory (3.0)	

Name and address of module/course teaching unit, contact: telephone and e-mail address

Department of Gastrointestinal and General Surgery: Prof. Krzysztof Grabowski,
tel.717842752;
e-mail: krzysztof.grabowski@umed.wroc.pl

Department of Cardiac Surgery: M.D. Ph.D. Marek Jasiński, Andrzej Dumański, Anna Goździk, Rafał Nowicki, Jacek Jakubaszko, Maciej Rachwałik, Tomasz Płonek

Department of Thoracic Surgery: M.D.Ph.D. lek. Piotr Błasiak, dr Konrad Pawelczyk

II Department of General and Oncologic Surgery: dr Adam Skalski, dr Grzegorz Marek, lek. Krzysztof Kotulski, lek. Wojciech Hap

Department of Gastrointestinal and General Surgery: dr Renata Taboła, dr hab. Jerzy Błaszczuk, lek. Bartłomiej Czapła, lek. Kamila Fudalej, dr hab. Katarzyna Augoff

Coordinator / Person responsible for module/course, contact: telephone and e-mail address

Prof. Artur Pupka

List of persons conducting specific classes: full name, degree/scientific or professional title, discipline, performed profession, form of classes.

.....
.....

Date of Syllabus development

.....

Syllabus developed by

dr med. Piotr Szlachowski
SPECJALISTA CHIRURG
5308719

Signature of Head of teaching unit

Uniwersytet Medyczny we Wrocławiu
KATEDRA I KLINIKA
CHIRURGII PRZEWODU POKARMOWEGO
I. CHIRURGII OGÓLNEJ
kierownik

prof. dr hab. Krzysztof Grabowski

Signature of Faculty Dean

Wrocław Medical University
FACULTY OF MEDICINE
VICE-DEAN FOR STUDIES IN ENGLISH
Prof. Andrzej Hendrich, PhD

