





Distance learning (asynchronous)																				
<b>Summer Semester</b>																				
Direct (contact) education					180															
Online learning (synchronous)																				
Online learning (asynchronous)																				
<b>TOTAL per year:</b>																				
Direct (contact) education					180															
Online learning (synchronous)																				
Online learning (asynchronous)																				
Educational objectives (max. 6 items)																				
C1. To make the student know the principles of diagnosing and treating the most common acute and chronic conditions that require surgical intervention.																				
C2. To make the student know the principles of qualifying the patient for surgical treatment, both elective and emergency.																				
C3. To train the student in filling medical records of a surgical department.																				
C4. To make the student familiar with the principles of preparing the patient for an operation and the principles of postoperative care.																				
C5. To make the student familiar with adequate behavior within the operating theatre, using aseptic procedures, basic surgical terminology and tools and techniques of surgical procedures.																				
C6. To train the student in the techniques of common ambulatory and bedside surgical procedures.																				
<b>Education result matrix for module/course in relation to verification methods of the intended education result and the type of class</b>																				
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 <i>**enter the abbreviation</i>																
S 01	F.U1	Assist for a typical surgical procedure, prepares the operating field and applies local anaesthesia	oral answer, discussion	CC																
S 02	F.U2	Use common surgical tools	oral answer, discussion	CC																
S 03	F.U3	Abide by the rules of asepsis	oral answer, discussion	CC																
S 04	E.U36	Manage injuries (apply a wound dressing or immobilization, cleanse and suture the wound)	oral answer, discussion	CC																
S 05	F.U6	Examine the breasts, lymph nodes, thyroid and abdomen	oral answer, discussion	CC																



10. Assisting to rectoscopy and digital rectal examinations.  
11. Assisting to the work in an Outpatient Surgical Clinic, including outpatient surgical procedures (wound care, excising superficial lesions, incisions of abscesses, removing ingrown nails).

**Other**

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

1. Sabiston Textbook of Surgery, 20th Edition. The Biological Basis of Modern Surgical Practice Editors: Courtney M. Townsend & R. Daniel Beauchamp & B. Mark Evers & Kenneth L. Mattox. 2016
2. SCHWARTZ'S PRINCIPLES OF SURGERY 2-volume set 11th edition, 2019

Additional literature and other materials (no more than 3 items)

1. Current Surgical Therapy 13th Edition by John L. Cameron (Author), Andrew M. Cameron (Author), 2019

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

Seminar room, computer, multimedia projector, set of surgical tools and sutures, trainers, bandages, splints and orthopedic stabilizers, operating and interventional rooms, surgical ward

Preliminary conditions (minimum requirements to be met by the student before starting the module/course)

Knowledge of anatomy and physiology. The basic minimum knowledge of the pathology and pathophysiology. Getting acquainted with the currently applicable regulations USK in the field of student activities

Conditions to receive credit for the course (specify the form and conditions of receiving credit for classes included in the module/course, admission terms to final theoretical or practical examination, its form and requirements to be met by the student to pass it and criteria for specific grades)

The positive opinion according to the theoretical and practical knowledge acquired during the course  
The positive results of tests and oral answer during clinical classes

<b>Grade:</b>	<b>Criteria</b> (only for courses/modules ending with an examination)
	Not applicable
	<b>Criteria</b> (only for courses/modules ending with e credit)
<b>Credit</b>	The positive opinion according to the theoretical and practical knowledge acquired during the course The positive results of tests and oral answer during clinical classes

<b>Grade:</b>	<b>Not applicable</b>
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		for acute abdominal signs, and performs digital rectal examination		
S 06	F.U9	Control external bleeding	oral answer, discussion	CC
<p>** 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.</p>				
<p>Please mark on scale 1-5 how the above effects place your classes in the following categories: communication of knowledge, skills or forming attitudes: Knowledge: ....5 Skills: ....5 Social competences: .....5</p>				
<b>Student's amount of work (balance of ECTS points)</b>				
<b>Student's workload</b> (class participation, activity, preparation, etc.)			<b>Student Workload (h)</b>	
1. Contact hours:			180	
2. Online learning hours (e-learning):				
3. Student's own work (self-study):			90	
Total student's workload			270	
ECTS points for module/course			12	
Comments				
<b>Content of classes</b> (please enter topic words of specific classes divided into their didactic form and remember how it is translated to intended educational effects)				
Lectures Not applicable				
Seminars Not applicable				
Classes				
<ol style="list-style-type: none"> <li>1. Participating in admitting patients, examining and preparing them for elective surgical operations.</li> <li>2. Participating in everyday work at a surgical department, taking care of patients, ward rounds, clinical and laboratory tests, ordering medical treatment.</li> <li>3. Participating in everyday changing wound dressings and treatment of complicated wounds, removing drains, pulling sutures</li> <li>4. Assisting to bedside procedures, including catheterizing urinary bladder and placing a nasogastric tube.</li> <li>5. Participating in diagnosing and treating postoperative complications.</li> <li>6. Assisting to filling in medical records.</li> <li>7. Assisting to major surgical procedures of general, oncological, endocrine, and vascular surgery, open and laparoscopic.</li> <li>8. Participating in qualifying for and conducting parenteral and enteral nutrition.</li> <li>9. Participating in surgical emergency calls, diagnosing, qualifying and preparing patients for emergency procedures, assisting to emergency operations.</li> </ol>				



Unit realizing the subject	Department of General, Minimally Invasive and Endocrine Surgery
Unit address	Borowska Street 213, 50-556 Wrocław
Telephone	71 7343000
E-Mail	<a href="mailto:ws-11@umed.wroc.pl">ws-11@umed.wroc.pl</a>

Person responsible for module	Prof. dr hab. Jerzy Rudnicki
Coordinator	Prof. dr hab. Jerzy Rudnicki
Telephone	71 7343001
E-Mail	<a href="mailto:jerzy.rudnicki@umed.wroc.pl">jerzy.rudnicki@umed.wroc.pl</a>

List of persons conducting specific classes				
Full name	Degree/scientific or professional title	Discipline	Performed profession	Form of classes
Maciej Sebastian	MD, PhD	medicine	Adjunct, surgeon	CC

Date of Syllabus development

23.11.2020

Syllabus developed by

Maciej Sebastian MD, PhD

Signature of Head of teaching unit

Prof. dr hab. Jerzy Rudnicki

Signature of Faculty Dean

Wrocław Medical University  
Faculty of Health Sciences  
Medical Studies  
prof. Barbara Wójcikowska, PhD



