

Syllabus for the academic year 2017/2018

Description of the course

Module/Course	Practice in the field of surgery in a clinic or department of surgery.	Group of detailed education results	
		Group code: F	Group name: Clinical Treatment Sciences
Faculty	Medicine		
Major	Medicine		
Specialties	not applicable		
Level of studies	Uniform master degree studies X		
Form of studies	full-time X part-time X		
Year of studies:	IV	Semester:	summer x
Type of course:	obligatory X optional X		
Type of Course:	major x		
Language of instruction	English X		

Number of hours: 60

Form of education: professional practice

Unit teaching the course: hospital department providing 24 hour health service in the field of surgery.	Lectures (L)	Seminars (SE)	Auditorium classes (AC)	Major - non-clinical Classes (MC)	Clinical Classes (CC)	Laboratory Classes (LC)	Classes in Simulated Conditions (CSC)	Practical Classes with Patient (PCP)	Specialist Classes - master degree studies (SCM)	Foreign Language Course (FLC)	Physical Education - obligatory (PE)	Vocational Practice (VP)	Self-Study (Time of student's own work)	E-learning (EL)
	Winter semester:													
	Summer Semester													
	Total per year:													
												60		
												60		

Educational objectives: (max. 6 items)

C1. practical improvement of professional skills acquired in the course of studying major subjects.

Education result matrix for module/course in relation to verification methods of the intended education results and type of class

Number of course education result	Number of education result from standards	Student who completes the module/course knows/is able to	Methods of verification of intended education results	Form of didactic class ** enter the abbreviation
U.01.	FU1.	assists in a typical surgical procedure, prepares the operation field and locally anaesthetizes the surgery area.	Medical Practice Documentation. Opinion of the Placement Supervisor from the hospital.	Vocational Practice
U.02.	FU2.	uses basic surgical instruments.		
U.03.	FU3.	observes the principles of the aseptics and antisepsis.		

U.04.	FU4.	dresses a simple wound, applies and changes sterile surgical dressing.		
U.05.	FU5.	performs peripheral insertion.		
U.06.	FU6.	examines nipples, lymph nodes, thyroid gland and abdominal cavity in the aspect of acute abdomen and performs finger examination through the anus.		
U.07.	FU7.	evaluates the results of the radiological examination in terms of the most common types of fractures, especially fractures of long bones.		
U.08.	FU8.	performs temporary immobilization of the limb, selects the type of immobilization necessary for use in typical clinical situations and controls the correctness of the limb blood supply after applying the immobilizing dressing.		
U.09.	FU9	controls external bleeding.		

Please mark on the scale 1-5 how the above education effects place your classes in the following categories: transfer of knowledge, transfer of skills: Knowledge (K): ++, Skills (S): +++

Student' s amount of work (balance of ECTS points)

Student's workload	Student Workload (h)
1. Hours of classes at the University:	60
2. Time of student's own work:	0
Total student's workload:	60
ECTS points for module/course:	2.0
Comments:	

Content of classes:

Other:

1. Organization of the surgical department (admission room, operating theater, dressing rooms), admission rules, record keeping and discharge.
2. Surgical instruments and apparatus used in the surgical department.
3. Medical examination and diagnostic procedures, especially in emergency cases. Principles of wound dressing, suturing.
4. Mastering the desmurgy technique. General principles and methods of anaesthesia for the patient.
5. Participation in medical visits and morning reports of the doctor on duty.
6. Participation in the work of the department: performing basic procedures, e.g.: changing dressings, removing stitches, administering infusions, collecting material for diagnostic tests under the supervision of a physician, etc.
7. Principles of aseptics and antisepsis and techniques of washing oneself for surgical procedure.
8. Participation (assistance) in operations in the operating room. At the request and under the supervision of a physician, filling out an attachment for a pathomorphological examination
9. Sanitary - epidemiological regulations, in force at the surgical department and methods used to prevent hospital infections.
10. Participation in multidisciplinary consultations.
11. Proper interpretation of laboratory, imaging and pathomorphological test results.

Basic literature: Surgery Crash Course; Dean Horton Szar, Helen Sweetland

Supplementary literature: Oxford Handbook of Clinical Surgery., GR Mc Latchie, Oxford Med. Press.

Requirements concerning didactic aids: equipment of the hospital surgical department, specialist literature.

Preliminary conditions: completed classes in the 4th year of study

Conditions to receive credit for the course: Completion of the internship program confirmed by the tutor's opinion on the part of the entity, entries of practical skills into the student's book and verification of the placement supervisor on the part of the University

Grade:	Not applicable
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: tel. and e-mail address:

Clinic or department of surgery - units which concluded arrangements and agreements with the University.

List of persons conducting specific classes: full name, degree/scientific or professional title, discipline, performed profession, form of classes : not applicable

Person responsible for the course:

MD , Ph.D. Tomasz Jurek, MD, Ph.D. Krzysztof Maksymowicz,
Dean's Office Section for the Course of Studies, 5, J. Mikulicz-Radecki Street, 50-345 Wrocław,
room 104. phone: 71 784 16 62

Date of Syllabus development

30.06.2017

Wrocław Medical University
WYDZIAŁ LEKARSKI
Opiekun Praktyk Zawodowych
Syllabus developed by
dr hab. n. med. mgr prawa Tomasz Jurek
prof. nadzw.
Signature of the Head of Teaching Unit

Not applicable

Signature of the Dean of the Faculty of Medicine

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

Syllabus for the academic year 2017/2018

Description of the course

Module/Course	Practice in the field of intensive care in the Hospital Anaesthetic and Intensive Care Unit.	Group of detailed education results	
		Group code: F	Group name: Clinical Treatment Sciences
Faculty	Medicine		
Major	Medicine		
Specialties	not applicable		
Level of studies	Uniform master degree studies X		
Form of studies	full-time X part-time X		
Year of studies:	IV	Semester:	summer x
Type of course:	obligatory X optional X		
Type of Course:	major x		
Language of instruction	English X		

Number of hours: 60

Form of education: professional practice

Unit teaching the course	Lectures (L)	Seminars (SE)	Auditorium classes (AC)	Major - non-clinical Classes (MC)	Clinical Classes (CC)	Laboratory Classes (LC)	Classes in Simulated Conditions (CSC)	Practical Classes with Patient (PCP)	Specialist Classes - master degree studies (SCM)	Foreign Language Course (ELC)	Physical Education - obligatory (PE)	Vocational Practice (VP)	Self-Study (Time of student's own work)	E-learning (EL)
Hospital Anaesthetic and Intensive Care Unit														
Winter semester:														
Summer Semester												60		
Total per year:												60		

Educational objectives:

C1. practical improvement of professional skills acquired in the course of studying major subjects.

Education result matrix for module/course in relation to verification methods of the intended education results and type of class

Number of course education result	Number of education result from standards	Student who completes the module/course knows/is able to	Methods of verification of intended education results	Form of didactic class ** enter the abbreviation
U.01.	F.07	administers peripheral injections	Medical Practice Documentation.	Vocational Practice
U.02.	F.U10	carries out basic resuscitation procedures by using the automatic external		

U.03.	F.U11	defibrillator and other rescue operations and provides first aid	Opinion of the Placement Supervisor from the hospital.	Vocational Practice
		acts in accordance with the current algorithm of advanced resuscitation actions	Medical Practice Documentation.	
U.04.	F. U12	acts in accordance with the current algorithm of advanced resuscitation actions	Opinion of the Placement Supervisor from the hospital.	Vocational Practice
			Medical Practice Documentation.	
U.05.	FU21.	assesses the condition of the unconscious patient in accordance with the applicable international point-based scales	Opinion of the Placement Supervisor from the hospital.	Vocational Practice
			Medical Practice Documentation.	Vocational Practice

Please mark with crosses on the scale 1-3 how the above education effects place your classes in the following categories: transfer of knowledge, transfer of skills: Knowledge (K): ++, Skills (S): +++

Student' s amount of work (balance of ECTS points)

Student's workload	Student Workload (h)
1. Hours of classes at the University:	60
2. Time of student's own work:	0
Total student's workload:	60
ECTS points for module/course:	2.0
Comments:	

Content of classes:

Other:

1. **Monitoring and documentation in the Intensive Care Unit.**
2. **Acid-base and water-electrolyte balance with interpretation of tests.**
3. **Treatment of respiratory failure, principles of oxygen therapy.**
4. **Cannulation of the respiratory tract.**
5. **Electrocardiotherapy: defibrillation, cardioversion, electrical stimulation of the heart, intravenous fluid therapy: puncture of central veins.**
6. **Principles of measuring pressure by means of an invasive method. Hemodynamic monitoring. Principles of artificial feeding.**
7. **Principles of renal replacement therapy.**
8. **Diagnosis and treatment in the Intensive Care Unit.**
9. **Patient preparation and basic methods of general anaesthesia. Regional anaesthesia.**
10. **Sudden cardiac arrest.**
11. **Postoperative analgesia.**

Basic literature:	
1. Not applicable	
Didactic resources requirements: equipment of the Intensive Care and Anaesthesiology Unit.	
Preliminary conditions: completed classes in the 4th year of study	
Conditions to receive credit for the course: Completion of the internship program confirmed by the tutor's opinion on the part of the entity, entries of practical skills into the student's book and verification of the placement supervisor on the part of the University	
Grade:	Not applicable
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: tel. and e-mail address:
Clinics or departments- units which concluded arrangements and agreements with the University.

List of persons conducting specific classes: full name, degree/scientific or professional title, discipline, performed profession, form of classes : not applicable

Person responsible for the course:

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Dean's Office Section for the Course of Studies, 5, J. Mikulicz-Radecki Street, 50-345 Wrocław,
room 104. phone: 71 784 16 62

Date of Syllabus development

30.06.2017

Syllabus developed by
Uniwersytet Medyczny we Wrocławiu
WYDZIAŁ LEKARSKI
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mgr Andrzej

Signature of the Head of Teaching Unit

Not applicable

Signature of the Dean of the Faculty of Medicine

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