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| **Syllabus 2020/2021****training cycle: winter semester/summer semester** |  |
| **Description of the course** |  |
| **Module/Course** | **General surgery** |  |
| **Faculty** | Faculty of Dentistry |  |
| **Major**  | Faculty of Dentistry |  |
| **Specialties** |  |  |
| **Level of studies** | Uniform magister studies x\*1st degree studies  2nd degree studies  3rd degree studies  postgraduate studies  |  |
| **Form of studies** |  full-time x part-time |  |
| **Year of studies**  |  | **Semester** | x Winterx Summer |  |
| **Type of course** | x obligatory limited choice free choice / elective  |  |
| **Course** |  major x basic |  |
| **Language of instruction** |  Polish x English  other |  |
| \* mark  with an **X** |  |
| **Number of hours** |  |
| Form of education |  |
| Unit teaching the course | Lectures (L) | Seminars (SE) | Auditorium classes (AC) | Major Classes – not clinical (MC) | Clinical Classes (CC) | Laboratory Classes (LC) | Classes in Simulated Conditions (CSC) | Practical Classes with Patient (PCP) | Specialist Classes – magister studies (SCM) | Foreign language Course (FLC) | Physical Education obligatory (PE) | Vocational Practice (VP) | Self-Study (Student's own work) | E-learning (EL) |  |
| **Winter Semester** |  |
|  | **10** | **15** |  |  | **20** |  |  |  |  |  |  |  |  |  |  |
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| **Summer Semester** |  |
|  | **10** |  |  |  | **20** |  |  |  |  |  |  |  |  |  |  |
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| **TOTAL per year: 75** |  |
| **Educational objectives** (max. 6 items)**C1.** Understanding the principles of surgical management.**C2.** Knowledge of pathology, diagnosis and treatment of surgical diseases.**C3.** Ability to perform basic surgical procedures.**C4.** Ability to conduct in trauma, shock and sudden dangers of life. |  |
| **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* |  |
| **W 01** | E.W20.E.U1.E.U2. | Knows and respects for the principles of asepsis and antisepsis. Describes differential diagnosis of surgical diseases. Defines basic principles of surgical therapy  | oral answer, discussion | L, SE, CC |  |
| **U 01** | E.U3.E.U4.E.U17. E.U20 |  Recognizes the risks to health and life. Examines the patient. Performs first aid in cases of surgical emergencies (stopping bleeding, splinting limbs,wounds care, prevention of tetanus, HIV and viral hepatitis). Performs small surgical procedures Fills medical records. | presentation skills oral answer, discussion |  CC |  |
| **K 01** | D.W5.D.U3.D.W13. | Actively participates in surgical interventions. Cooperates in a operating team | oral answer, discussion | 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 .  |  |
| 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: .…2Skills: ….2Social competences: …..2 |  |
| **Student's amount of work (balance of ECTS points)** |  |
| **Student's workload** (class participation, activity, preparation, etc.) | **Student Workload (h)** |  |
| 1. Contact hours: | 75 |  |
| 2. Student's own work (self-study): | 75 |  |
| Total student's workload | 150 |  |
| **ECTS points for module/course** | 6 |  |
| Comments  |  |  |
| **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)1. Typical surgical disease: pathophysiology, diagnosis, investigation
2. Preparation of the patient and the team to surgery: asepsis, antisepsis, dispensary, ward, operation theatre
3. Basic surgery – practical
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| **Lectures**1. Wounds. Purulent infections of the skin. Burns and frostbites.
2. Injuries of the head, neck, thorax and abdomen.
3. Shock. Hemorrhages.
4. Vascular surgery
5. Malignant tumors. Principles of management in malignancies. Breast tumors.
6. Diseases of the esophagus, stomach and duodenum
7. Non-malignant intestinal diseases
8. Gastric cancer. Colorectal cancer
9. Diseases of the liver and pancreas that require operative treatment
10. Endoscopy and minimally invasive surgery
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| **Seminars*** 1. Asepsis and antisepsis
	2. Learning the principles of work In a surgical ward.
	3. Methods of surgical treatment
	4. Indications for surgical treatment.
	5. Preparing the patient and he surgical team for an operation
	6. Diagnosing surgical diseases, indications and sequence of diagnostic procedures
	7. First aid and treatment in injuries and surgical emergencies.
	8. Learning the principles of prevention of surgical infections, particularly HIV and viral hepatitis B and C.
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| **Practical classes**1. Aseptic and antiseptic procedures in surgery
2. Routine preparation of the surgical team and the patient to an operation
3. The operating theatre. Surgical instrument, types of sutures and knots used in surgery
4. Wounds
5. The art of wound dressing
6. Technique of wound dressing
7. Technique of minor surgical procedures
8. Surgical aspects of minor surgical procedures (taking history, physical examination, documentation).
9. Surgical infections
10. Bone fractures, distortions and dislocations of joints
11. First aid in surgical emergencies; basic rules of medical first aid
12. Acute and chronic limb ischemia. Surgical venous diseases of the leg
13. Principles of surgical endocrinology
14. Gastric and duodenal ulcers
15. Gastric cancer. Colorectal cancer
16. Hernias
17. Symptoms and signs, diagnosis and treatment of acute abdominal diseases( surgical emergencies)
18. Breast tumors: principles of treatment
19. Principles of proctology
20. Presenting the current cases. Getting the credit
 |  |
| **Other****1.****2.****3.***etc. …* |  |
| **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](https://www.eu.elsevierhealth.com/author/courtney_m_townsend) & [R. Daniel Beauchamp](https://www.eu.elsevierhealth.com/author/r_daniel_beauchamp) & [B. Mark Evers](https://www.eu.elsevierhealth.com/author/b_mark_evers) & [Kenneth L. Mattox](https://www.eu.elsevierhealth.com/author/kenneth_l_mattox). 20162. 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](https://www.amazon.com/John-L-Cameron/e/B001HPI86K/ref%3Ddp_byline_cont_ebooks_1)  (Author), [Andrew M. Cameron](https://www.amazon.com/s/ref%3Ddp_byline_sr_ebooks_2?ie=UTF8&field-author=Andrew+M.+Cameron&text=Andrew+M.+Cameron&sort=relevancerank&search-alias=digital-text) (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 ofstudent 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 med by the student to pass it and criteria for specific grades)IMPORTANT! Class attendance cannot be a condition for passing the subject.The positive opinion according to the theoretical and practical knowledge acquired during the courseThe positive results of tests and oral answer during clinical classesThe positive result of the exam at the end of the course |  |
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| **Grade:** | **Criteria** (only for courses/modules ending with an examination) |
| Very Good(5.0) | The student knows, understands and explains the pathomechanisms, diagnosis and treatment of all the diseases, taking into account all aspects of surgical instruments. Fully able to apply the acquired practical skills |
| Good Plus (4.5) | The student knows, understands and explains over 90% of these theoretical issues. Fully able to apply the acquired practical skills |
| Good(4.0) | The student knows and understands 80% of the theoretical issues and is able to apply them in practice. Able to perform all operations of processed treatment |
| Satisfactory Plus (3.5) | The student knows and understands more than 70% of these theoretical issues and knows how to apply them in practice. Able to do most learned surgical procedures |
| Satisfactory (3.0) | The student knows and understands min. 60% of these theoretical issues and knows how to perform basic surgical treatment |
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|  | **Name and address of module/course teaching unit, contact: telephone and e-mail address***Wydział Lekarsko-Stomatologiczny. UMW**Uniwersytecki Szpital Kliniczny im. Jana Mikulicza Radeckiego**50-556 Wrocław ul. Borowska 213**Klinika Chirurgii Ogólnej, Małoinwazyjnej i Endokrynologicznej**Kierownik: prof. dr hab. Jerzy Rudnicki**Sekretariat: tel. 717343000 fax: 717343009**Email:* *ws-11@umed.wroc.pl***Coordinator / Person responsible for module/course, contact: telephone and e-mail address***prof.**dr hab. Jerzy Rudnicki Email:* *ws-11@umed.wroc.pl***List of persons conducting specific classes: full name, degree/scientific or professional title, discipline, performed profession, form of classes**.* 1. dr n. med. Maciej Sebastian lekarz chirurgia ogólna, CC, SE, L
	2. dr n. med. Maciej Sroczyński lekarz, chirurgia ogólna, CC, SE
	3. lek. Mateusz Szmit lekarz, CC, SE

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| **Date of Syllabus development**  | **Syllabus developed by**  |
| 14.06.2020 | dr n. med. Maciej Sebastian |
| **Signature of Head of teaching unit** |
| Prof. dr hab. Jerzy Rudnicki…………………………………………………… |

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