

Course description

Part 1

General information about the course	
1. Major of study: medicine	2. Study level: unified MSc 3. Form of study: intramural
4. Year: V	5. Semester: X
6. Course name: Surgery – Core	
7. Course status: required	
8. Course objectives 1. Metabolic response to injury, fluid and electrolyte balance 2. Transfusion of blood components and plasma products 3. Nutritional support in surgical patients 4. Infections and antibiotics 5. Preoperative considerations, anaesthesia and analgesia 6. Principles of the surgical management of cancer 7. Trauma and multiple injury 8. Practical procedures and patient investigation 9. Postoperative care and complications 10. Minimally invasive surgery 11. The abdominal wall and hernia 12. The acute abdomen 13. The oesophagus, stomach and duodenum 14. The liver and biliary tract 15. The pancreas and spleen 16. The small and large intestine 17. The anorectum 18. Skin and subcutaneous lesions 19. The breast 20. Endocrine surgery 21. Vascular and endovascular surgery 22. Cardiothoracic surgery 23. Urological surgery 24. Neurosurgery 25. Transplantation surgery 26. Orthopaedic surgery Learning outcomes / reference to learning outcomes indicated in (underline as appropriate): <u>education standards (Regulation of the Ministry of Science and Higher Education) / Resolution of the Senate of the Medical University of Silesia (indicate terms specified in education standards / signs of learning outcomes approved by the Resolution of the Senate of the Medical University of Silesia)</u> For knowledge: student knows and understands: F.W 1, F.W 2, F.W3, F.W4, F.W5, F.W10, F.W13, F.W14, E.W7, E.W14, E.W24, EW.W26, E.W29, E.W34. For skills student can do: F.U2, F.U3, F.U4, F.U6, F.U7, F.U8, F.U9, F.U12, F.U22, F.U23, E.U1, E.U3, E.U7, E.U12, E.U14, E.U16, E.U20, E.U24, E.U25, E.U28, E.U29, E.U30, E.U32, E.U35, E.U36. For social competencies: student is ready to: D.W5, D.W14, D.W15, D.W16, D.W17, D.W18, D.U4, D.U5, D.U6, D.U7, D.U8, D.U9, D.U12, D.U13, D.U14, D.U15, D.U17.	

9. Number of hours for the course		375	10. Number of ECTS points for the course	18,5
11. Form of evaluation: exam / credit / grade credit				
12. Methods of verification and evaluation of learning outcomes				
Learning outcomes	Methods of verification		Methods of evaluation* / credit	
Knowledge	Credit Test exam		*	
Skills	Practical exam		*	
Competencies	Constant observation		*	

* For exams and grade credits the following evaluation system has been assumed:

Very good (5,0) – the assumed learning outcomes have been achieved and significantly exceed the required level

Better than good (4,5) – the assumed learning outcomes have been achieved and slightly exceed the required level

Good (4,0) – the assumed learning outcomes have been achieved at the required level

Better than satisfactory (3,5) – the assumed learning outcomes have been achieved at the average required level

Satisfactory (3,0) – the assumed learning outcomes have been achieved at the minimum required level

Unsatisfactory (2,0) – the assumed learning outcomes have not been achieved