

Study program: Integrated academic studies in medicine				
Type and level of the study program: integrated academic studies				
Course title: Surgery (M5-SURG)				
Teacher : Aleksandar J. Redžek, Biljana G. Drašković, Goran S. Marušić, Dejan Đ. Ivanov, Dragan D. Savić, Dušan M. Marić, Katarina A. Šarčev, Ljiljana V. Gvozdrenović, Petar B. Vuleković, Radoica R. Jokić, Stamenko S. Šušak, Tomislav D. Petrović, Aleksandar M. Komarčević, Ana S. Uram Benka, Arsen A. Uvelin, Vladimir M. Papić, Vladimir V. Harhaji, Gordana V. Jovanović, Dragan S. Nikolić, Jovo R. Bogdanović, Lazar U. Velicki, Milorad R. Bijelović, Mladen A. Jovanović, Nataša J. Janjić, Saša C. Vojinov, Srđan C. Ninković, Ferenc Φ. Vicko				
Course status: compulsory				
ECTS Credits: 16				
Condition: Radiology; Special pharmacology (exam); Internal medicine (attend)				
Course aim The aim of this course is to provide students with knowledge how to estimate health status of population and to recognize and implement measures of prevention and control of surgical diseases.				
Expected outcome of the course: Students acquire knowledge about surgery techniques which they need to implement in routine work with patients. They need to become familiar with legislation in the context of surveillance. Students need to acquire skills to manage surgery patients, including reporting and CPR.				
Course description <i>Theoretical education</i> <ol style="list-style-type: none"> 1. Diagnostic surgical procedures; war surgery 2. Organization and management of the injured in peace time and wars 3. Asepsis in war surgery 4. Wounds, war wounds, surgery infections 5. Surgery terminology and classification of surgical interventions 6. Postoperative complications, alentheses in surgery 7. Surgical principles in oncology 8. Neck and breast surgery 9. Abdominal surgery 10. Specific characteristics of pediatric surgery; emergencies in neonatal surgery 11. Thoracic surgery: pleura, lungs, mediastinum, thoracic injuries 12. Cardiosurgery and vascular surgery 13. Surgical management of burns, basic principles of esthetic surgery, skin and soft tissue tumors, general principles and methods in skin defect reconstruction, hand injuries and diseases 14. Neurosurgery 15. Urology 16. Orthopedic surgery <i>Practical education: exercises, other forms of education, research related activities</i> <ol style="list-style-type: none"> 1. Principles, methods, sterilization and disinfection in surgery, asepsis in surgery and in war surgery 2. Physical examination of surgical patients, diagnostic surgical procedures 3. Types of immobilization 4. Initial hospitalization and management of the injured 5. Surgical wound care 6. Surgical infection treatment 7. Initial treatment of patients with burns 8. Small surgical interventiona 9. Operating rooms 10. Postoperative care 11. Characteristics of thoracic surgery, cardiosurgery, oncologic surgery, pediatric surgery, plastic and reconstructive surgery, vascular surgery, neurosurgery, urology, abdominal surgery, orthopedic surgery, locomotor apparatus injury management 				
Literature <i>Compulsory</i> <ol style="list-style-type: none"> 1. Towsend C, Beauchamp RD, Evers BM. Sabiston Textbook of Surgery, 19th edition. Elsevier Saunders, 2012. 2. Brunicardi FC. Schwartz's Principles of Surgery, 10th edition. McGraw Hill Education, 2015. <i>Additional</i> Outlines of lectures				
Number of active classes				Other:
Lectures: 90	Practice: 135	Other types of teaching:	Research related activities:	
Teaching methods				
Student activity assessment (maximally 100 points)				
Pre-exam activities	points	Final exam	points	
Lectures	10	Written	10	
Practices	20	Oral	50	
Colloquium	10		
Essay				