

Study program: Integrated academic studies in medicine			
Type and level of the study program: integrated academic studies			
Course title: Surgery (M5-SURG)			
Teacher: Antić B. Jelena, Bogdanović R. Jovo, Bukarica S. Svetlana, Varga J. Jan, Velicki U. Lazar, Veljković Ž. Radovan, Vicko F. Ferenc, Vojinov S. Saša, Vuleković B. Petar, Gajdobranski P. Đorđe, Gojković D. Zoran, Grebeldinger P. Slobodan, Đilvesi G. Đula, Živojinov D. Srđan, Ivanov Đ. Dejan, Ilić D. Miroslav, Janjić J. Nataša, Jeremić P. Dimitrije, Jovanović A. Mladen, Jokić R. Radoica, Kuhajda M. Ivan, Levakov V. Ivan, Marinković D. Marija, Milankov M. Vukadin, Milošević P. Zoran, Nikolić R. Jelena, Nikolić S. Dragan, Ninković S. Srđan, Pasternak J. Janko, Protić B. Mlađan, Rašović V. Predrag, Redžek J. Aleksandar, Rosić I. Milenko, Savić D. Dragan, Stanković S. Milan, Šušak S. Stamenko			
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. Townsend C, Beauchamp RD, Evers BM. Sabiston Textbook of Surgery, 19th edition. Elsevier Saunders, 2012. 2. Brunnicardi 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	15	Practical	10
Practices	15	Oral	60
Colloquium		
Essay			