

# COURSE CATALOGUE 2020/2021









## Dentistry



Course title	ECTS	Semester
1. Clinical Courses - 164 credits		
Foreign Language I	4	I
Foreign Language II	4	II
Medical Chemistry	4	I
Body System I (Human Anatomy, Physiology, Imaging)	8 (3+3+2)	I
Cell Biology	5	I
Molecular Biology and Genetics	5	II
Introduction to Clinical Sciences I (Histology & Embryology Medical biochemistry)	6	II
Introduction to Clinical Sciences II (Histology & Embryology Medical biochemistry)	6	III
Basis of Diseases and Treatment (Pathology and Pharmacology)	8	IV
The body's immune system (Microbiology, Immunology)	7	IV
Behavioral Science	3	I
Psychology	3	II
Research Methods I (Argumentative Writing)	4	I
Research Methods II (IT Technologies )	3	III
Research Methods III	4	V
Evidence Based Medicine	2	VII
Epidemiology and Biostatistics	2	IX
Research Project	4	X
Medicine and Society I	4	III
Medicine and Society II	4	V
Medicine and Society III	3	VIII

Clinical Skills I (Clinical Skills I,Boiethics)	4	II
Clinical Skills II (Clinical Skills II, Communication skills)	4	III
Clinical Skills III (Infection Control and Waste Management in Dentistry)	2	VI
Clinical Skills IV(Dental Assistence)	4	IX
Methods of Diagnosis	6	V
Internal diseases I (Cardiovascular system, Respiratory system, Urology, Allergology)	6	VI
Infection Disesase	4	VI
Internal diseases II (Digestive system, endocrine system, metabolism, hematology, oncology)	7	VII
Dermatology	3	VII
Pediatrics	2	VIII
Nervous Diseases	4	VI
Surgery I	4	V
Surgery II	4	IX
Anesthesiology and Intensive Care	2	VIII
Otorhinolaryngology	2	VIII
Radiology	3	IV
Body SystemsII (Human Anatomy, Physiology, Imaging)	8 (3+3+2)	II
2. Block of Therapeutic Dentistry - 28 credits		
Operative Odontology Simulation Course	3	III
Dental Materials	2	III
Simulation Course of Endodontics	3	IV
Operative Odontology Clinical Course	3	V
Endodontic Clinical Course	3	VI
Basic Course of Periodontology	3	VII
Diseases of the Oral Mucosa I	3	VIII
Clinical Course of Periodontology	4	IX
Diseases of the Oral Mucosa II	4	X
3. Block of Surgical Dentistry - 23 credits		
Surgical Dentistry Simulation Course	3	IV
Oral Surgery I	3	V
Oral Surgery II	3	VI
Surgical Dentistry I	3	VII
Surgical Dentistry II	3	VIII
Surgical Dentistry III	4	IX

Surgical Dentistry IV	4	X
4. Block of Orthopedic Dentistry - 24 credits		
Orthopedic Dentistry Propaedeutic I	3	III
Orthopedic Dentistry Propaedeutic II	3	IV
Orthopedic Dentistry Phantom Course I	3	V
Orthopedic Dentistry Phantom Course II	3	VI
Private Orthopedic Dentistry I	3	VII
Private Orthopedic Dentistry II	3	VIII
Private Orthopedic Dentistry III	3	IX
Private Orthopedic Dentistry IV	4	X
5. Pediatric Dentistry - 36 credits		
Prevention of Oral Deasesas I	3	III
Prevention of Oral Diseases II	3	IV
Pediatric Dentistry I	3	V
Pediatric Dentistry II	3	VI
Pediatric Dentistry III	3	VII
Pediatric Dentistry IV	3	VIII
Pediatric Dentistry V	3	IX
Pediatric Dentistry VI	4	X
Pediatric Surgery I	3	VII
Pediatric Surgery II	3	VIII
Pediatric Surgery III	3	IX
Pediatric Surgery IV	3	X
6. Orthodontics - 12 credits		
Orthodontics I	3	VII
Orthodontics II	3	VII
Orthodontics III	3	IX
Orthodontics IV	3	X
7. Block of Elective Subjects - 13 credits		
Latin Language	2	I
History of Medicine	2	I
Intrduction to Sociology	2	I
Medical Materials	2	III
Medical Sociology	2	III

Ophtalmology	2	VI
Psychiatry	2	VI
Nutritionology	3	VIII
Narcology	3	VIII
Modern Sport Dentistry	4	X
Implantology	4	X
8. Free Credits - 4 Credits		
Volume of credits to be selected in the semester Free credits are selected from the relevant level programs at the University, in accordance with the prerequisites		



#### **Medical Doctor**

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Course title	ECTS	Semester
HUMAN BODY STRUCTURE AND FUNCTION - 1st year		
Body Systems I Locomotor and Integumentary Systems Anatomy Physiology Imaging	10	I
Gene, Cell and Tissue I Molecular Biology Biochemistry Medical Genetics Histology & Embriology	12	I
Georgian I	4	I
Body Systems II Cardiovascular and Respiratory Systems Anatomy Physiology Imaging	10	П
Gene, Cell and Tissue II Molecular Biology Biochemistry Medical Genetics Histology & Embriology	10	П
Scientific Reasoning I	2	П
Georgian II	4	П
HUMAN BODY STRUCTURE AND FUNCTION - 2nd year		
Body Systems III Digestive (GI, Liver, Nutrition) System, Hematology Anatomy Physiology Imaging	10	Ш
Gene, Cell and Tissue III Histology&Embriology Immunology Biophysics Biochemistry	11	III

Medicine and Society I Introduction to Public Health	3	Ш
Body Systems IV Endocrine, Renal and Reproductive systems Anatomy Physiology Imaging	10	IV
Gene, Cell and Tissue IV Immunology Microbiology	8	IV
Medicine and Society II Introduction to Public Health	4	IV
Scientific Reasoning II	2	IV

3rd year		
Propedeutics of internal deseases 2	6	VI
Private pharmacology	5	VI
General Surgery	5	VI
Private pathology	10	VI
4th year		
Neurology	5	VII
Otorhinolaryngology	4	VII
Internal Diseases 1	7	VII
Radiology and XR therapy	4	VII
Surgical diseases 1	4	VII
Dentistry and Maxillofacial Surgery	4	VII
Internal Diseases 2	6	VIII
Surgical disease 2	4	VIII
Dermatovenerology	4	VIII
Obstetrics	4	VIII
Pediatrics 1	4	VIII
Urology	3	VIII
5th year		
Infectious diseases 1	5	IX
Psychiatry	5	IX
Ophthalmology	3	IX
Gynecology	4	IX
Endocrinology	3	IX
Pediatrics 2 (Neonatology)	4	IX
Surgical Diseases 3	4	IX

Infectious diseases 2	4	X
Narcology	3	X
Emergency, first aid therapy	4	X
Phthisiopulmology	3	X
Family Medicine	4	X
Research skills 1	4	X
6th year		
Obstetrics and Gynecology	5	XII
Toxicology and emergency medicine	4	XII
Neurosurgery	3	XII
Research skills -2	4	XII



#### **International Relations**

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Course title	ECTS	Semester
Academic Writing	4	I
Introduction to International Relations	5	I
Introduction to International Law	4	I
History of Political Thought	4	I
History of Diplomacy	4	I
International Public Law	5	II
Political Ideologies	5	II
Political Systems and Regimes	5	II
Theories of International Relations	5	II
International Organizations and Integrative Projects	5	II
Research Skills	5	VII
Public Speaking	5	VII
Theories of War	4	VII
Holocaust Narrative	4	VII
Russian Foreign Policy	4	VII
International Political Economy	4	VII
European Union Law	4	VII
Negotiation skills	4	VIII
Political Public Relations	5	VIII
US Foreign Policy	5	VIII
European Union Economics	5	VIII

International Criminal Law	5	VIII
Comparative Politics	6	VII
Green Economics	5	VII
Hybrid Warfare	5	VII
Theories of International Relations	5	II
International Treaties	4	III
International Human Rights Law	4	III
Theories of European Integration	5	IV



#### **Informatics**

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Course title	ECTS	Semester
Computer Skills	5	I
Computer Hardware	5	I
Calculus 1	5	I
Web Design Fundamentals	5	II
Operating Systems	5	II
Calculus 2	5	II
Computer Networks	5	III
Web Programming (Front end)	5	III
System Administration Fundamentals	4	IV
Web Programming (Back end)	6	IV
Programming on the Arduino	5	IV
Artificial Intelligence Fundamental	4	V
Programming on the JVM 1	6	V
Programming on the JVM 2	6	VI
Mobile Applications Development	6	VII
Programming on the JVM 3	6	VII
Machine Learning	5	VIII



#### **Business Administration**

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Course title	ECTS	Semester	
Sales Management	4	V	
Project Management	5	V	
Financial Management	9	VII	
Strategic Management	9	VII	
Consumer Behavior	6	V	
Leadership	3	V/VI	
Financial Markets	3	V/VI	
Strategic Marketing	6	V	
Innovation Management	3	VI	
Corporate Finance	6	VI/VII	
International Marketing	6	VII/VIII	
Globalization and Economic Integration	3	VIII	



### **Psychology**



Course title	ECTS	Semester
Applied Behavior Analysis (ABA)	5	VII, VIII
Child Development Disorders	5	VII, VIII
Elementary Psychology 1	5	I
Statistical Data Analysis (SPSS)	5	VII





Law

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Course title	ECTS	Semester
International Treaty Law	4	VI
International Criminal Law	4	VI
European Union Law	4	VI