Name of the course	**Clinical propedeutics**				**Code**	
Type of study program Cycle	Integrated University Study, Medicine				**Year of study**	III
Credits (ECTS) :	**5**	*Semester*	VI		Number of hours per semester (l+e+s)	30+60
Status of the course:	mandatory	*Preconditions:*	Passed all exams of the 2nd year	*Comparative conditions:*		
Access to course:	Third year medical students			*Hours of instructions*:		According to schedule

Course teacher:	Professor Mladen Mimica, MD, PhD
Consultations:	As agreed
E-mail address and phone number:	mladen.mimica@tel.net.ba
Associate teachers:	Professor Izet Hozo, MD, PhD Professor Monika Tomić, MD, PhD Professor Milenko Bevanda, MD, PhD Professor Žarko Šantić, MD, PhD Assistant professor Mirjana Vasilj, MD, PhD Emil Babić, MD, PhD Sanda Miljko, MD, MSc Sanja Selak, MD, MSc Mile Volarić, MD, MSc
Consultations:	As agreed
E-mail address and phone number:	
The aims of the course:	Clinical propedeutics course is an introduction to clinical medicine. Students gain knowledge and skills necessary for patients' examination and meet the leading signs and syndromes in internal medicine.
Learning outcomes (general and specific competences):	General outcomes: • Understanding the Clinical propedeutics and clinical examination as base for branches of clinical medicine. Specific outcomes: • Applying a medical history taking, communication and care for patient. • Evaluation of essential and non-essential data. • Understanding, remembering and analyzing the key ethical and legislative principles of the independent approach to the patient and his family.

	• Understanding the theoretical basis of inspection, palpation, percussion, auscultation. • Analyzing the vital signs - heart rate, blood pressure, respiration, body temperature. • Applying the inspection of the head and neck, percussion and auscultation including a description of the mechanisms of changing percutaneous sound. • Remembering the theoretical part of the physical examination of the heart (percussion and auscultation of the heart). • Understanding the topography of the abdomen and remembering the technique of physical examination of the abdomen. • Analyzing the clinically significant changes in peripheral arterial pulse. • Evaluation of differential diagnosis of chest pain and abdominal pain. • Analyzing the most common causes of cough and hemoptysis. • Understanding the mechanisms of oedema appearance. • Remembering the manifestations of gastrointestinal bleeding (hematemesis, melena, haematochesia, occult blood). • Understanding the most common cause of bleeding from the gastrointestinal tract. • Synthesis and evaluation of the differential diagnosis of icterus, ascites and cardiac arrest.
Course content (Syllabus):	Introduction to clinical medicine and basic concepts of disease. Introducing students with clinical medicine; theoretical knowledge and practical skills required for a clinical examination of the patient and history taking; Physical examination of the patient - inspection, palpation, percussion, auscultation; General status of patients; Inspection of the head, neck and chest; Examination of the lungs and heart; Examination of the abdomen and extremities; Symptoms and signs of a disease (chest pain, abdominal pain, cough, and hemoptysis, dyspnea, hypoxia, polycythemia, cyanosis, edema, shock, cardiovascular collapse, heart failure, sudden death, gastrointestinal bleeding, jaundice, abdominal swelling, meteorism, ascites, micturition disorders; Basic laboratory and instrumental tests in clinical medicine; Qantitative aspects of clinical judgment. Interpretation of etiology and leading signs and symptoms of illness of the internal organs (the organ systems); introduction to the basic laboratory and instrumental examinations and proper interpretation of their results in diagnostic process.

Format of instruction (mark in bold)	**Class attendance**	**Class participations**	**Seminar essay**	**Practical training**
	Oral exam	Written exam	**Continuous assessment**	Essay
	Remarks:			
Student responsibilities				
Screening student work (mark in bold)	**Lectures**	**Exercises**	Seminars	Independent assignments
	Consultations	**Work with mentor**	**Field work**	Other
	Remarks:			
Required literature:	Hozo Izet et al: Internistička propedeutika s vještinama komuniciranja u kliničkoj medicini, Hrvatsko gastroenterološko društvo, 2013.			
Optional literature:	Metelko Ž., Harambašić,H., et al: Internistička propedeutika i osnove fizikalne dijagnostike, Medicinska naklada, Zagreb, 1999			
Additional information about the course	Monitoring methods of teaching quality: - student questionnaire - quality analysis by students and teachers - exam results analysis - report of the office for teaching quality - external evaluation (visit of team for quality control)			

ANEX: Calendar classes

The number of teaching units	**TOPICS AND LITERATURE**
I.	Title: General propedeutics
	Short description: Introductory lecture. Introduction to hospital work. The concept of illness. Relationship of a doctor and a patient. Medical secret.
	Literature: required and optional
II.	Title: Anamnesis
	Short description: General information about the patient. Family history. Personal anamnesis. Social anamnesis
	Literature: required and optional
III.	Title: Examination of the patient
	Short description: Inspection, palpation, percussion, auscultation. Head and neck status. status. Chest status.

	Literature: required and optional
IV.	Title: Examination of the patient
	Short description: Lungs' examination. Heart examination, pulse, blood pressure. Abdominal status. Examination of legs and arms.
	Literature: required and optional
V.	Title: Basic laboratory tests.
	Short description:
	Literature: required and optional
VI.	Title: Instrumental tests
	Short description: ECG. X rays of the lungs and bones Endoscopic examinations. Ultrasound. Tests with radioisotopes. Computerized tomography. Nuclear magnetic resonance.
	Literature: required and optional
VII.	Title: Propedeutic of cardiovascular diseases.
	Short description:
	Literature: required and optional
VIII.	Title: Propedeutic of gastrointestinal, hepatal and pancreatic diseases
	Short description:
	Literature: required and optional
IX.	Title: Propedeutic of renal diseases
	Short description:
	Literature: required and optional
X.	Title: Propedeutika of hematologic diseases
	Short description:
	Literature: required and optional
XI.	Title: Propedeutika of endocrine and metabolic diseases
	Short description:
	Literature: required and optional
XII.	Title: Propedeutika of respiratory diseases
	Short description:
	Literature: required and optional
XIII.	Title: Propedeutics in surgery
	Short description:
	Literature: required and optional
XIV.	Title: Propedeutics in infectology
	Short description:
	Literature: required and optional
XV.	Title: Propedeutics in dermatovenerology
	Short description:
	Literature: required and optional
XVI.	Title: Propedeutics in neuropsychiatry
	Short description:
	Literature: required and optional