

Naziv predmeta	Izborni predmet: Zagonetka boli		
Kod			
Vrsta	Pretklinički/klinički/javnozdravstveni		
Razina	Temeljna		
Godina	1-6	Semestar	II, IV, VI, VIII, X, XII
ECTS	1,5		
Nastavnik	Prof. dr. Damir Sapunar, dr.med.; doc. dr. sc. Livia Puljak, dr.med., Sandra Kostić, mag. ing. biotech., Adriana Banožić, mag. psihol.		
Kompetencije koje se stječu	Razumijevanje i usvajanje temeljnih znanstvenih i kliničkih znanja neophodnih za multidisciplinarni pristup liječenju boli.		
Preduvjeti za upis	Histologija, Embriologija, Anatomija, Neuroznanost, Fiziologija		
Sadržaj	Temeljne odrednice fenomena boli; Pregled trenutnog znanja anatomije, fiziologije, biokemije i farmakologije važnog za razumijevanje sustava percepcije boli; "Gate Control" teorija boli (Melzack and Wall); Psihološki aspekti boli, te utjecaj spola, kulture i okolinskih činitelja na odnos prema boli; Definicija i taksonomija boli; Temeljenje razlike akutne i kronične boli; Generalizirani i regionalni bolni sindromi; Metode simptomatske kontrole; Multidisciplinarni pristup terapiji i dijagnostici; Etički i kulturološki aspekti boli.		
Preporučena literatura	Bonica's Management of Pain, Editor(s): Loeser, John D. 3rd Edition 2001 Lippincott Williams & Wilkins		
Dopunska literatura	Patrick D. Wall - Pain, Ronald Melzack - The puzzle of pain; Jr., Frank T. Vertosick - Why We Hurt: The Natural History of Pain; Ronald Melzack - The Challenge of Pain; David B. Morris - The Culture of Pain		
Oblici provođenja nastave	Šest nastavnih modula na Merlin sustavu za udaljeno učenje; elektronski forumi, komuniciranje s nastavnikom u realnom vremenu. Svaki dan u 14 h se studenti trebaju na internetu prijaviti u predmet i razgovarati s nastavnikom o gradivu koje su prethodno pripremili. Predavanja, seminari i vježbe		
Način provjere znanja i polaganja ispita	Ocjena će se definirati na temelju ukupne aktivnosti polaznika tijekom cijelog predmeta a uključivat će aktivno sudjelovanje u raspravama, kratke pismene testove, pripremu materijala za raspravu na seminarima.		
Jezik poduke i mogućnosti praćenja na drugim jezicima	Hrvatski (moguće održavanje nastave i na engleskome jeziku)		
Način praćenja kvalitete i uspješnosti izvedbe svakog predmeta i /ili modula	-Analiza kvalitete nastave od strane studenata i nastavnika, -Analiza prolaznosti na ispitima, -Izvešća Povjerenstva za kontrolu provedbe nastave, -Izvaninstitucijska evaluacija (posjet timova za kontrolu kvalitete Nacionalne agencije za kontrolu kvalitete, uključenje u TEEP).		

Course title	Course title - Elective course: The Puzzle of Pain		
Course code			
Type of course	Preclinical/Clinical/PublicHealth		
Level of course	Advanced		
Year of study	1-6	Semester	II, IV, VI, VIII, X, XII
ECTS (Number of credits allocated)	1.5		
Name of lecturer	Professor Damir Sapunar, MD, PhD, Professor Livia Puljak, MD, PhD, Sandra Kostić, Adriana Banožić		
Learning outcomes and competences	Understand and adopt basic scientific and clinical information essential to an understanding of the fields of pain research and multidisciplinary management.		
Prerequisites	Histology, Embryology, Anatomy, Neuroscience, and Physiology course		
Course contents	Basic Considerations of Pain; Overview of our current understanding of the anatomy, physiology, biochemistry, and pharmacology of the peripheral nerves, spinal cord, and brain; Gate Control Theory (Melzack and Wall); Psychological aspects of pain, and influences of gender, social, cultural, and environmental factors relevant to pain; Definitions and taxonomy of pain; Fundamental differences in the phenomena of acute and chronic pain; Generalized i Regional Pain Syndromes; Methods for Symptomatic Control; Multidisciplinary pain diagnosis and treatment; Ethical and cultural aspects of pain.		
Recommended reading	Bonica's Management of Pain, Editor(s): Loeser, John D. 3rd Edition © 2001 Lippincott Williams & Wilkins		
Supplementary reading	Patrick D. Wall - Pain, Ronald Melzack - The puzzle of pain; Jr., Frank T. Vertosick - Why We Hurt: The Natural History of Pain; Ronald Melzack - The Challenge of Pain; David B. Morris - The Culture of Pain		
Teaching methods	Learning in an online environment. Students are required to log in every day at 2 pm, in a chat room with a teacher, and discuss teaching materials that they have studied before the lesson.		
Assessment methods	Summative (formal) and formative (informal) assessments comprised of a mix of essays, quizzes, case studies, learning activities or literature critiques.		
Language of instruction	English and Croatian		
Quality assurance methods	Quality control analysis by the students and peers. Passing exams proportion analysis. University of Split Committee for the teaching quality control report. Extramural evaluation. (National agency team for quality control, TEPP).		