

<i>Name of the course</i>	PSYCHIATRY			Code	
<i>Type of study program Cycle</i>	Integrated university studies, medicine			Year of study	III
<i>Credits (ECTS) :</i>	5	<i>Semester</i>	VI	Number of hours per semester (l+e+s)	90 (30+30+30)
<i>Status of the course:</i>	mandatory	<i>Preconditions:</i>	Passed all exams of the 2 nd year	<i>Comparative conditions:</i>	
<i>Access to course:</i>	3 rd year medical students			<i>Hours of instructions:</i>	According to schedule
<i>Course teacher:</i>	Associate professor Miro Klarić, MD, PhD				
<i>Consultations:</i>	Tuesdays and Thursdays 11,00 - 13,00 ^h or as agreed during the course				
<i>E-mail address and phone number:</i>	klaricmiro@gmail.com				
<i>Associate teachers</i>	<ul style="list-style-type: none"> - Senior assistant Bjanka Vuksan-Ćusa, MD, PhD - Senior assistant Marko Martinac, MD, PhD - Senior assistant Ruža Milićević, MD, MSc - Senior assistant Božo Petrov, MD, MSc - Senior assistant Marko Pavlović, MD, MSc - Senior assistant Martina Čorić-Krešić, MD, MSc 				
<i>Consultations:</i>	As agreed during the exercises				
<i>E-mail address and phone number:</i>					
<i>The aims of the course:</i>	<p>The aims of the course are:</p> <ul style="list-style-type: none"> - familiarization with determinants of mental health and mental health disorders - understanding mental illnesses within the biopsychosocial concept - recognition of clinical picture and differential diagnosis of mental disorders - familiarization with the organizational possibilities of mental health care - familiarization with the therapeutic possibilities of mild mental disorders - mastering the basic therapeutic algorithms 				
<i>Learning outcomes (general and specific competences):</i>	<p><u>General outcomes:</u></p> <ul style="list-style-type: none"> - Applying the independent learning through the study in the way of critical and self-critical questioning of scientific truth. - Remembering the possession of personal qualities including team work and personal contribution, interest, active listening, and building positive relationships with members of the group. 				

	<p><u>Specific outcomes:</u></p> <ul style="list-style-type: none"> - Understanding the basics of Psychiatry, mental diseases, mental disorders and mental retardation. - Remembering the methods and principles of determining the psychological status as part of a comprehensive examination of the patient in primary health care. - Synthesis of psychiatric diagnosis with differential diagnostic considerations. - Applying the appropriate psychopharmacological and psychosocial methods of treatment. - Remembering the psychiatric emergencies and applying the urgent therapy in outpatient conditions. - Remembering the mental disorders requiring complexed examination or hospital treatment and referral to an appropriate psychiatric service/department/hospital institution. - Applying the treatment of complexed and chronic mental disorders under the supervision of a physician psychiatrist. 			
<p>Course content (Syllabus):</p>	<p>The course Psychiatry consists of 10 units, two partial examinations during the exercises (a general psychopathology exam and a test in the form of a case report), two partial exams during the seminars, one in the form of an essay with two essay questions (at S15) and a multiple choice test consisted of 20 questions at the last seminar (S30), final written part of an exam as a multiple choice test consisted of 100 questions, practical and oral exam.</p> <p>Each thematic unit includes: 1-5 hours of lectures, 1-5 hours of seminars and 1-5 hours of exercises.</p>			
<p>Format of instruction (mark in bold)</p>	<p>Lectures</p>	<p>Exercises</p>	<p>Seminars</p>	<p>Independent assignments</p>
	<p>Consultations</p>	<p>Work with mentor</p>	<p>Field work</p>	<p>Other</p>
	<p>Remarks: The teaching from each unit begins with lectures, followed by seminars and exercises.</p> <p>During the seminars, students get problem-solving tasks in small groups. At the end of seminar, knowledge assessment is carried out through a quiz-test, and correct answers are analyzed with the clarification of problem assignments.</p> <p>During the exercises students, independently or with the help of assistants take psychiatric history and psychiatric status, present it in small groups, discuss the diagnosis and differential diagnosis considerations and plan diagnostic procedures and therapeutic possibilities.</p> <p>Additionally, students are introduced with work and participate in the work of group for psycho-social therapies at the Department for Psychiatry and Mental Health Center at Health Care Center Mostar.</p>			

Student responsibilities	Attendance and active participation in all forms of teaching. Preparation of teaching units for seminars. Active participation in seminars and exercises. Reading the teaching texts and developing own critical thinking about the teaching material, and expression of those opinions. Final exam; Attendance and active participation in all teaching units, passed all preliminary exams, quizzes at seminars, final written exam, practical and oral exam.			
Screening student work (mark in bold)	Class attendance	Class participations	Seminar essay	Practical training
	Oral exam	Written exam	Continuous assessment	Essay
Detailed evaluation within a <i>European system of points</i>				
STUDENTS RESPONSIBILITIES	HOURS	PROPORTIONS OF ECTS CREDITS	PROPORTION S OF MARK	
Class attendance and participations	15	0,5	0	
Seminar essay	15	0,5	11%	
Preliminary exam	30	1	22%	
Written exam	45	1,5	33%	
Practical exam	15	0,5	11%	
Oral exam	30	1	23%	
Further clarification:				
<p>The student's work is assessed and evaluated during the course and at the final exam. During the course, seminar works and four preliminary examinations (colloquia) will be organized: a general psychopathology partial exam, a test in the form of a case report and two assessments during the seminars.</p> <p>Seminar essay includes written work and presentation. Evaluation of the seminar work will be carried out according to the regulations of the study, ie the written work (70% of the grade) and the presentation (30% of the grade) will be evaluated.</p> <p><u>Written part:</u></p> <ul style="list-style-type: none"> • The essay is comprehensive, grammar and spelling are correct – excellent (5) • The essay meets the form and content but minor grammar and spelling mistakes are noted – very good (4) • The essay meets the form and content but major grammar and spelling mistakes are noted - good (3) • The essay meets the formal criteria, but major content deficiencies are noted – sufficient (2) • The essay is not written, it is plagiarism or doesn't meet the formal criteria - insufficient (1). 				

Presentation:

- The essay is excellently presented, almost without linguistic errors, excellent co-operation and relationship with listeners - excellent (5)
- The essay is very well presented, with minor grammatical or pronunciation errors, very good relationship with listeners – very good (4)
- The essay is well presented, occasional errors in pronunciation or grammar - good (3)
- The essay is presented with quite often mistakes in pronunciation and grammar - sufficient (2)
- The essay is not presented or is presented with a lot of errors in grammar, pronunciation, slurred speech – insufficient (1).

This partial assessment lasts for 45 minutes and is evaluated with a maximum of 11 points.

- excellent (5) - 11 points
- very good (4) - 8 points
- good (3) - 5 points
- sufficient (2) - 2 points
- insufficient (1) - 0 points

Two partial examinations (general psychopathology and a test in the form of a case report) are carried out during the exercises. Exam on general psychopathology will be organized at Exercise 14 and is in a form of multiple choice test (with 5 answers) consisted of 30 questions. This assessment lasts for 45 minutes and is evaluated according to the regulations of the study (91-100% correct answers - excellent (5), 79-90% very good (4), 67-78% good (3), 55 -66% sufficient (2), 0 to 54% insufficient (1)) with a maximum of 6 points:

- excellent (5) - 6 points
- very good (4) - 4.5 points
- good (3) -3 points
- sufficient (2) - 1.5 points
- insufficient (1) - 0 points.

The test in the form of a case report is carried out in the penultimate exercise (E27, E28) and consists of a case report in a way patient presents him/herself at the first visit to the doctor. Based on the data in the test, student considers differential diagnostic possibilities and clinical procedures that need to be taken (preliminary diagnosis, diagnostic guidelines, differential diagnosis, therapeutic guidelines and algorithms). This partial assessment lasts for 45 minutes and is evaluated with a maximum of 6 points.

- excellent (5) - 6 points
- very good (4) - 4.5 points
- good (3) -3 points
- sufficient (2) - 1.5 points
- insufficient (1) - 0 points.

Two partial exams will be held at seminars, one in the form of an essay (S15) and one in the form of a 30-question test with 4 and 5 answers. The essay is consisted of 2 seminar questions with the maximum duration of 45 minutes. It is evaluated with a maximum of 5 points:

- excellent (5) - 5 points
- very good (4) - 4 points
- good (3) -3 points
- sufficient (2) - 1 point
- insufficient (1) - 0 points.

Knowledge assessment in a form of test will be carried out during the last seminar (S30) and evaluated according to the regulations of the study (91-100% correct answers - excellent (5), 79-90% very good (4), 67- 78% good (3), 55-66% sufficient (2), 0 to 54% insufficient (1)).

This partial exam lasts for 45 minutes and is evaluated with a maximum of 5 points:

- excellent (5) - 5 points
- very good (4) - 4 points
- good (3) -3 points
- sufficient (2) - 1 point
- insufficient (1) - 0 points.

The final exam consists of a written, practical and oral part. All the students who attended classes regularly and who passed all partial exams (a general psychopathology exam, a test in the form of a case report and two exams at the seminars) have a right to approach to the final exam.

The written part of the final exam will be carried out in the form of a test consisted of 100 questions with 4 or 5 answers, and will last for 90 minutes. The questions entire teaching materials in Psychiatry. The test will be evaluated according to the regulations of the study, ie 91-100% of correct answers - 5 (excellent), 79-90% - 4 (very good), 67-78% - 3 (good), 55-66% - 2 (sufficient), 0 to 54% - 1 (insufficient). Written part of the exam is evaluated with a maximum of 44 points.

- excellent (5) - 33 points
- very good (4) - 25 points
- good (3) -17 points
- sufficient (2) -9 points
- insufficient (1) - 0 points.

The practical part of the exam consists of two parts: taking the history and the examination of the patient, and the oral presentation. The total duration of the practical part of the exam is 60 minutes and is evaluated with a maximum of 11 points.

- excellent (5) - 11 points
- very good (4) - 8 points
- good (3) - 5 points
- sufficient (2) - 2 points
- insufficient (1) - 0 points.

The oral part of the exam is evaluated with a maximum of 23 points. Students draw a card with three questions from the entire teaching material of Psychiatry.

- excellent (5) - 23 points
- very good (4) - 17 points

- good (3) -11bodova
- sufficient (2) - 5 points
- insufficient (1) - 0 points.

Final grade:

The final grade is the sum of:

Seminar essay mark (11%) + continuous assessment during the course – four partial exams (22%) + written part of the exam (33%) + practical part of the exam (11%) + oral part of the exam (23%).

Required literature:	<ol style="list-style-type: none"> 1. Frančišković T.& Moro Lj. et al. Psihijatrija. Medicinska Naklada Zagreb, 2011. 2. Kaplan HI &Sadock BJ. Priručnik kliničke psihijatrije. «Naklada Slap», Jastrebarsko, 1999. 3. Kaplan HI &Sadock BJ. Priručnik za uporabu lijekova u psihijatriji. «Naklada Slap», Jastrebarsko, 1998.
Optional literature:	<ol style="list-style-type: none"> 1. Klarić M. &Babić D.Gerontopsihijatrija. In: Šantić Ž. et al. Medicinska gerontologija u kliničkoj praksi. Sveučilište u Mostaru, Medicinski fakultet: Grafotisak Grude; 2015;37-561. 2. Klarić M. & Mandić V. Serotonin i depresija kod žena. In: Jakovljević M. et al. Serotonin i depresija - mitovi i činjenice. Zagreb:Pro Mente; 2013;168-177. 3. Klarić M. &Lovrić S. Odnos između psihotraume i psihoze - uloga dopamina. In: Jakovljević M. et al. Dopamin u zdravlju i bolesti – mitovi i činjenice. Zagreb:Pro Mente; 2015;248-261. 4. Jakovljević M. Shizofrenija u teoriji i praksi. Pro Mente Zagreb. 2011. 5. Jakovljević M. et al. Nove ideje i koncepti u suvremenoj psihijatriji. Pro Mente d.o.o. Zagreb; 2008. 6. Jakovljević M. et al. Ličnost, tjeskoba i depresija u suvremenoj medicini. Pro Mente. Zagreb. 2006. 7. Jakovljević M: Depresivni poremećaji – Od ranog prepoznavanja do uspješnog liječenja. Pro Mente, Zagreb, 2003. 8. Frančišković T., Grković J., Kaštelan A.: Radna bilježnica iz psihijatrije za studente medicine. Medicinska naklada, Zagreb, 2014 9. Begić D.: Psihopatologija, Medicinska naklada, Zagreb, 2014. 10. HotujacLj., Jakovljević M.: Psihijatrija, Medicinska naklada, Zagreb, 2006.
Additional information about the course	<p>Monitoring methods of teaching quality:</p> <ul style="list-style-type: none"> - student questionnaire - quality analysis by students and teachers - exam results analysis - report of the office for teaching quality - self-evaluation, external evaluation (visit of team for quality control)

Annexes: calendar classes

<i>The number of teaching units</i>	TOPICS AND LITERATURE
I.	<p>Title: Psychiatry in modern medicine</p> <p>Short description: Why study psychiatry? A brief history of psychiatry. Where does modern psychiatry go? A small psychiatric glossary. Modern nosology and classification of mental disorders. Relationship between physician and patient.</p> <p>Literature: required and optional</p>
II.	<p>Title: General psychopathology</p> <p>Short description: Mental health and mental disorders. Healthy and Pathological Personality. Normal and impaired psychosocial development. Models of mental disorders. Mental function disorders and signs and symptoms of the disease. An overview of the most important psychopathological syndromes. Psychiatric interview. Examination of Psychiatric Status.</p> <p>Literature: required and optional</p>
III.	<p>Title: The basic paradigm of etiologic concepts in psychiatry</p> <p>Short description: Biological Psychiatry: The Basics of Functional Neuroanatomy and Psychophysiology. The basics of psychoneurobiochemistry. Basics of psychiatric genetics. Basics of psychoneuroendocrinology. Brain Imaging. Psychodynamic paradigm - Psychodynamics of personality. Phases of psycho-sexual development of personality. Psychological defense mechanisms. The paradigm of learning. Cognitive and behavioral paradigm. Diathesis-stress paradigm.</p> <p>Literature: required and optional</p>
IV.	<p>Title: Social Psychiatry</p> <p>Short description: The Basics of Social Pathology. Cultural Specificity of Mental Disorders. Social therapeutic methods. The role of a social worker. Psychiatry in the community. Psychiatry and spirituality.</p> <p>Literature: required and optional</p>
V.	<p>Title: Clinical Psychiatry</p> <p>Short description: Organic and Symptomatic Mental Disorders (F00-F09). Mental disorders and behavioral disorders due to the use of psychoactive substances (F10-F19). Schizophrenia, schizotypal and other delusional disorders (F20-F29). Affective Disorders and Mood Disorders (F30-F39). Neurotic Disorders. Mental disorders specifically associated with stress. Crisis situations. Adjustment disorders. (F40-F48). Psychosomatic medicine and collaborating (liaison) psychiatry. Behavioral syndromes associated with physiological disorders and physical factors (F50-F55). The basics of medical sexology. Personality Disorders and Adult Behavioral Disorders (F60-F69). Mental Retardation (F70-F79). The Basics of Pediatric and Adolescent Psychiatry. Psychological Development Disorders (F80-F87). Disorders of behavior and feelings that occur in childhood and adolescence (F90-F98). The</p>

	Basics of Gerontopsychiatry. Specific psychiatric disorders in women. Emergency psychiatric conditions and their disposal. Diagnostic procedures in psychiatry.
	Literature: required and optional
VI.	Title: Methods of treatment in psychiatry
	Short description: Biological methods of treatment (psychopharmacological therapy, sleep deprivation, light therapy, hormonal therapy). Psychotherapeutic treatment methods. Sociotherapy.
	Literature: required and optional
VII.	Title: The basics of forensic psychiatry
	Short description: Ethical and Legal Aspects of Psychiatry. Forced hospitalization and treatment. Criminal responsibility. Working ability.
	Literature: required and optional
VIII.	Title: Ethics in psychiatry
	Short description: Human rights of mentally ill persons. Clinical trials on mentally ill persons. The issue of medical secret.
	Literature: required and optional
IX.	Title: Organization of psychiatric department
	Short description: Contemporary concepts. Primary Health Care Physician in the Protection of Mental Health.
	Literature: required and optional
X.	Title: Scientific Research in Psychiatry
	Short description: Double-blind controlled research. Naturalistic studies. Case report. Evidence-based medicine in psychiatry.
	Literature: required and optional