[Medicinski fakultet u Rijeci]

**Curriculum**
**2022/2023**

[Za kolegij]

# Psychiatry

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|---|---|
| Study program: | **Medical Studies in English (R)**<br>[Sveučilišni integrirani prijediplomski i diplomski studij] |
| Department: | **[Katedra za psihijatriju i psihološku medicinu]** |
| Course coordinator: | **izv. prof. dr. sc. Grković Jasna, dr. med.** |
| Year of study: | **4** |
| ECTS: | **5** |
| Incentive ECTS: | **0 (0.00%)** |
| Foreign language: | **Possibility of teaching in a foreign language** |

## Course information:

The course **“Psychiatry”** is the required fourth-year course of the Integrated Undergraduate and Graduate University Study of Medicine in English. It consists of 96 hours of class: lectures (18 hours), seminars (40 hours), practicals (38 hours) (ECTS 5).

Psychiatry is a clinical discipline that helps students to achieve knowledge about psychiatric disorders that are common in general practice. Students need to understand and master their skills in communication with the psychiatric patient, with accent on biopsychosocial understanding of mental illnesses. During the course, students will learn how to recognize and treat different acute and chronic mental disorders common in general practice. Also, they will learn to distinguish what mental disorders could be cured within the primary health care setting and which should be referred to the specialist in psychiatry. During the course, students will get to know the method of interviewing and approaching the patients with mental disorders. Also, they should familiarize themselves to symptoms, syndromes, and entities in psychiatric psychopathology. Students will learn about main groups of psychiatric disorders, including basic therapy principles. It is necessary that students understand prodromal psychiatric symptoms and identify and diagnose mental illnesses, as well as learn how to provide treatment or referral to a specialist. They will hear about the principles of classification of psychiatric disorders. Because of the increase in the incidence and prevalence of substance abuse disorders, these critical issues will be addressed. Patients with mental disorders are often experiencing problems with reintegration, therefore we educate students about options in resocialisation in terms of community-oriented psychiatry. We should also accustom students to the ethical issues and stigmatisation in psychiatry.

Upon completing the course, students will be able to:

- demonstrate the knowledge of the mental health from the perspective of biopsychosocial concept

- recognise different clinical pictures and differentiate among the mental health diagnoses

- develop a treatment plan for disorders that can be cured within the primary health care setting

**- identify the organisational model of mental health care**

## List of assigned reading:

Black DW, Andreasen NC. INTRODUCTORY TEXTBOOK OF PSYCHIATRY; Seventh Edition. American Psychiatric Association; VA, US 2020 ( e-book)

https://doi.org/10.1176/appi.books.9781615373758

## List of optional reading:

Sadock BJ, Sadock VA, Ruiz P.: Kaplan & Sadock’s SYNOPSIS OF PSYCHIATRY, Eleventh Edition, Wolters Kluwer, 2015

## Curriculum:

### [Seminari] list (with titles and explanation):

**S-1-3 Interviewing and Assessment/Mental Status / General Psychopathology**

The goal is to acquaint the student with the method of taking an anamnesis and a psychiatric interview, as well as possible communication difficulties.The outcome is an overview of an effective way of psychiatric interview that provides the possibility of assessing the patient's psychological status

**S-4-6 Comprehensive Treatment Principles**

In psychiatry, general therapeutic principles include a biological approach, a psychotherapeutic approach, and sociotherapeutic methods of treatment. The outcome is familiarizing the student with the possibility of combining these methods and mastering the principles of the biopsychosocial approach in the treatment of mental disorders.

**S-7-9 Neurocognitive Disorders**

The aim is to show the forms of this group of disorders and the methods of their treatment. The outcome is the recognition of the psychological consequences of permanent or temporary brain damage.

**S-10-12 Substance-Related Disorders**

The goal is to become familiar with forms of addiction and their characteristics, as well as the possibility of their treatment. The outcome is an introduction to the problem of addiction, its etiology and therapeutic options

**S-13-15 Schizophrenia and Other Psychotic Disorders**

CSchizophrenia is the most severe psychiatric disorder of insufficiently defined etiology. The goal is to get acquainted with knowledge from this field, but also with questions that are still open. The outcome is recognition of the basic features of schizophrenia and schizophrenia-like diseases as well as therapeutic principles

**S-16-18 Shizofrenija i druga psihotična stanja /rani prediktori psihoza/shizofrenija/ostale psihoze**

Shizofrenija predstavlja najteži psihijatrijski poremećaj nedovoljno definirane etiologije. Cilj je upoznati se sa saznanjima iz ovog područja ali i pitanjima koja su još uvijek otvorena. Ishod je prepoznavanje osnovnih značajki shizofrenije i shizofreniji sličnih oboljenja kao i terapijskih principa.

**S-16-18 Mood Disorders**

Depression is one of the most common mental disorders. A depressive episode can be part of different clinical entities. The goal is to get acquainted with all forms of mood disorders and therapeutic algorithms. The outcome is the achievement of certainty in the diagnosis and assessment of a depressive state and the determination of the degree of depression that can be treated in a family medicine doctor's office.

**S-19-21 Anxiety Disorders/Somatic Symptom Disorders /Dissociative Disorders**

The goal is to acquaint the student with the ways in which a psychological conflict is transformed into an anxiety, conversion, dissociative or somatoform symptom. The outcome is the recognition of clinical pictures within anxiety disorders as well as familiarization with therapeutic possibilities

**S-22-24 Trauma and Stressor Related Disorders**

The goal is to show the features of a group of disorders caused by stressors of various intensities up to traumatic stressors, and to determine the differences between them. The outcome is an understanding of the mechanism of the occurrence of these disorders, their features and treatment options.

**S-25-27 Personality Disorders / Borderline**

Personality disorders are an area of constant controversy both in the assessment of clinical pictures and in classification efforts. The aim is to describe the clinical features of these disorders; master the basic principles of recognition and treatment.

**S-28-30 Sleep Disorders/ Eating Disorders**

The goal is to become familiar with the basic groups of sleep and wakefulness disorders and the mechanisms of their occurrence, as well as therapeutic possibilities. The goal is also to become familiar with the spectrum of eating disorders, especially anorexia / bulimia. The outcome is mastering the treatment of basic sleep disorders and

recognizing the signs of eating disorders and the possibilities in their treatment.

**S-31-33 Neurodevelopmental Disorders**

Disorders of developmental age include disorders of the same spectrum of mental disorders as in adults, but also specific disorders related to a particularly sensitive time and area of psychological maturation. All of them have characteristics, among other things, the developmental stage in which they occur. The outcome is an introduction to the spectrum of mental disorders of childhood and adolescence, their specificities, and the importance of involving parents in therapeutic procedures.

**S-34-36 Community Psychiatry/ Consultation-Liaison Psychiatry**

Aspects of the organization of the psychiatric service, which could cover a wide range of interventions for chronic mental patients, but also for all other patients who develop somatic diseases due to psychological reasons or vice versa, are covered in this teaching unit. The purpose is to get acquainted with the possibilities and models of the organization of psychiatry in the community and its advantages, and to get acquainted with the possibilities of collaborative psychiatry. Legal aspects of mental disorders resulted in the formation of a special branch - forensic psychiatry. On the other hand, a number of specific circumstances resulting from the treatment of mental disorders give special importance to the adherence to ethical norms in psychiatric treatment. An additional specificity of mental disorders is the stigma that accompanies them and has consequences on the course of treatment and on the quality of life of people with mental disorders. The aim of this seminar is to point out these specificities. The outcome is familiarization and awareness of the ethical specifics and significance of stigmatization for people with mental disorders.

**S-37-39 Legal and Ethical Issues/Stigma**

Legal aspects of mental disorders resulted in the formation of a special branch - forensic psychiatry. On the other hand, a number of specific circumstances resulting from the treatment of mental disorders give special importance to the adherence to ethical norms in psychiatric treatment. An additional specificity of mental disorders is the stigma that accompanies them and which has consequences on the course of treatment and on the quality of life of people with mental disorders. The aim of this seminar is to point out these specificities. The outcome is familiarization and awareness of the ethical specifics and significance of stigmatization for people with mental disorders.

**S-40 Midterm Exam II**

Intended for writing the II partial exam, which will test the acquired knowledge of all lectures and seminar topics

**[Vježbe] list (with titles and explanation):**

**P1-P3 Psychiatric Interview**

Performing and practicing psychiatric interviewing and psychiatric history taking. Student should be able to complete a comprehensive evaluation of the patient’s mental status

**P4-P6 Tests in Psychiatry /Medical Records/Mental Health and Civil Issues**

**The aim is to discuss the methods of promoting and protecting mental health. Legal issues of involuntary treatment and hospitalization, as well as restraining measures, are discussed**

**P7-P9 Diagnosis and Triage/Psychiatric Emergencies**

The aim is to explain psychiatric emergencies, especially violent behaviors, suicide, and suicidal behavior. Student should learn how to assess and manage psychiatric emergencies

**P10-P12 Psychiatric Intensive Care; Delirium**

The aim is to explain principles of psychiatric intensive care – discussing acutely psychotic patient, agitated patient, patient in crisis etc. Student should know and recognize psychiatric conditions that require intensive psychiatric treatment

**P13-P15 Anxiety Disorders/PTSD**

Psychiatric interview, mental status examination & Discussion

**P16-P18 Depression/Mania**

Psychiatric interview, mental status examination & Discussion

**P19-P21 Schizophrenia**

Psychiatric interview, mental status examination & Discussion

**P22-P24 Neurocognitive Disorders**

Psychiatric interview, mental status examination & Discussion

**P25-P27 Addictive Disorders**

Psychiatric interview, mental status examination & Discussion

**P28-30 Adolescent Psychiatry/ Midterm Exam I**

Psychiatric interview, mental status examination & Discussion. Midterm Exam I-Case Report

**P31-P38 THE WORK AND ORGANISATION OF THE DEPARTMENT OF PSYCHIATRY**

Practical leader agrees the time of the practical hours with the students. It can be carried out during regular working hours, afternoon working hours or on duty of the practical leader, considering that it does not conflict with other student obligations. The practicals aim to acquaint the student with the organization of work at the Department of Psychiatry, which includes emergency psychiatric admission, treatment in divisions, treatment in day hospital facilities, and treatment at the Polyclinic of the Department of Psychiatry

**[Predavanja] list (with titles and explanation):**

**L1 Diagnosis/ Classification**

The goal is to clarify diagnostic and classification procedures

systems in psychiatry. The outcome implies the mastery of general principles up to date

valid classification system and navigating them as well as labeling diagnostic entites

**L2-3 Neurocognitive Disorders (Delirium & Dementia)**

The aim of the lecture is to acquaint the student with the clinical manifestation, etiology, diagnostic and therapeutic possibilities in patients who develop delirium or suffer from dementia

**L4-5 Substance-Related and Addictive disorders – Alcohol-related disorders; Psychoactive substances –related disorders; Non-substance-related disorders**

The goal is to acquaint students with the clinical manifestations of the disease of addiction, etiology and complications on the somatic, psychological and social level.The student will get to know the clinical course, features of intoxication, tolerance and abstinence, as well as therapeutic options for the treatment of addiction diseases.

**L6-7 Schizophrenia and Other Psychotic Disorders**

The goal is to know how to define psychosis, to describe the basic features of psychosis, to become familiar with the etiological theories of the origin of psychosis, clinical manifestations and therapeutic possibilities. The student will learn to recognize the basic signs and symptoms of psychotic disorders, and will become familiar with current therapeutic options.

**L8-9 Mood Disorders**

The student will master the division of mood disorders, their features, mutual differences and the basics of the treatment algorithm

**L10-11 Anxiety Disorders**

The aim is to describe the clinical manifestations of neurotic, dissociative and somatoform disorders. Acquaint the student with the possibilities of diagnosis and treatment of the mentioned disorders.

**L-12 PTSD**

The goal is to get acquainted with mental disorders caused by various forms of stressors. The student will understand the mechanisms of the pathological response to trauma, and will be able to describe the clinical manifestation of post-

traumatic stress disorder and modern therapeutic options

**L-13,14 Sleep Disorders; Eating Disorders**

Students will be familiar with sleep and eating disorders. They will adopt a division of sleep and eating disorders. They will be able to describe the clinical manifestations of sleep and eating disorders. They will become familiar with modern treatment algorithms for the mentioned disorders

**L-15 Personality Disorders**

The goal is to provide an overview of the differential features of personality disorders as well as a series of difficulties encountered in the treatment process. The student will understand the role of personality disorders on the course and therapeutic achievements of the treatment of comorbid mental and somatic disorders.

**L-16,17 Child and Adolescent Disorders**

The goal is to acquaint the student with the specifics of the manifestation, diagnosis and treatment of mental disorders in children and adolescents

**L-18 Closing Lecture**

It is intended as an evaluation class, with the opportunity for students to give feedback on the quality and usefulness of the lectures in conversation with the course leader, and to ask questions about possible ambiguities and give their suggestions for improving the teaching part of the course. Students will be informed in more detail about the continuation of teaching activities in rotating groups at the clinic. We also want to encourage reflection on the field of mental disorders as well as changes in attitudes.

## Student obligations:

Regular attendance at all classes of the Psychiatry Course, and preparation for seminars according to the program.

## Exam (exam taking, description of the written/oral/practical part of the exam, point distribution, grading criteria):

Student grading will be conducted according to the Ordinance on Student Grading at the Faculty of Medicine in Rijeka. The student's work is evaluated during the course and the final exam. Students may achieve up to 50% of the grade during the course and 50% at the final exam. 50% of the grade is obtained during the course by taking two midterm exams.

1. The **first midterm** exam is performed during the last practical in the form of a case report. Maximum credits = 30; Sufficient = 15 credits.

2. The **second midterm** exam is a written test with multiple responses, and it will be held at the last seminar. Maximum credits = 20; Sufficient =10 credits.

Students can retake the midterm exam only if they have not achieved the minimum score, or if they did not approach the exam. The retake of the exam is determined in the schedule.

**Only the students who have gained 25 or more credits at the midterm exams can take the final exam**.

Students who have gained less than 25 credits or were absent for more than 30% of teaching classes (i.e. 30% of lectures, 30% of the seminars, 30% of practicals) - can not take the final exam.

**The final exam is an oral exam - maximum credits = 50 ; sufficient = 25 credits.**

The final exam consists of five questions related to the course topics, and answers are rated 0 to 10 credits.

The final grade is done according to the number of credits collected through the midterm and final exams:

90-100 points .... excellent (5) A; 90-100%

75-89 points ..... very good (4) B; 75 to 89%

60-74 points ..... good (3) C; 60-74%

50-59 points .....sufficient (2) D; 50-59%

0-49 points.....insufficient (1) F; 0-49 %

## Other notes (related to the course) important for students:

**The scheduled order of practicals may be changed due to patients currently admitted and in treatment (hospital or outpatient setting).**

## COURSE HOURS 2022/2023

Psychiatry

| **[Predavanja]**<br>(Place and time or group) | **[Vježbe]**<br>(Place and time or group) | **[Seminari]**<br>(Place and time or group) |
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## List of lectures, seminars and practicals:

| [PREDAVANJA] (TOPIC) | Number of hours | Location |
|---|---|---|
| L1 Diagnosis/ Classification | 1 | |

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|---|---|---|
| L2-3 Neurocognitive Disorders (Delirium & Dementia) | 2 | |
| L4-5 Substance-Related and Addictive disorders – Alcohol-related disorders; Psychoactive substances –related disorders; Non-substance-related disorders | 2 | |
| L6-7 Schizophrenia and Other Psychotic Disorders | 2 | |
| L8-9 Mood Disorders | 2 | |
| L10-11 Anxiety Disorders | 2 | |
| L-12 PTSD | 1 | |
| L-13,14 Sleep Disorders; Eating Disorders | 2 | |
| L-15 Personality Disorders | 1 | |
| L-16,17 Child and Adolescent Disorders | 2 | |
| L-18 Closing Lecture | 1 | |

| [VJEŽBE] (TOPIC) | Number of hours | Location |
|---|---|---|
| P1-P3 Psychiatric Interview | 3 | |
| P4-P6 Tests in Psychiatry /Medical Records/Mental Health and Civil Issues | 3 | |
| P7-P9 Diagnosis and Triage/Psychiatric Emergencies | 3 | |
| P10-P12 Psychiatric Intensive Care; Delirium | 3 | |
| P13-P15 Anxiety Disorders/PTSD | 3 | |
| P16-P18 Depression/Mania | 3 | |
| P19-P21 Schizophrenia | 3 | |
| P22-P24 Neurocognitive Disorders | 3 | |
| P25-P27 Addictive Disorders | 3 | |
| P28-30 Adolescent Psychiatry/ Midterm Exam I | 3 | |
| P31-P38 THE WORK AND ORGANISATION OF THE DEPARTMENT OF PSYCHIATRY | 8 | |

| [SEMINARI] (TOPIC) | Number of hours | Location |
|---|---|---|
| S-1-3 Interviewing and Assessment/Mental Status / General Psychopathology | 3 | |
| S-4-6 Comprehensive Treatment Principles | 3 | |
| S-7-9 Neurocognitive Disorders | 3 | |
| S-10-12 Substance-Related Disorders | 3 | |
| S-13-15 Schizophrenia and Other Psychotic Disorders | 3 | |
| S-16-18 Shizofrenija i druga psihotična stanja /rani prediktori psihoza/shizofrenija/ostale psihoze | 3 | |
| S-16-18 Mood Disorders | 3 | |
| S-19-21 Anxiety Disorders/Somatic Symptom Disorders /Dissociative Disorders | 3 | |
| S-22-24 Trauma and Stressor Related Disorders | 3 | |
| S-25-27 Personality Disorders / Borderline | 3 | |

| | | |
|---|---|---|
| S-28-30 Sleep Disorders/ Eating Disorders | 3 | |
| S-31-33 Neurodevelopmental Disorders | 3 | |
| S-34-36 Community Psychiatry/ Consultation-Liaison Psychiatry | 3 | |
| S-37-39 Legal and Ethical Issues/Stigma | 3 | |
| S-40 Midterm Exam II | 1 | |

**EXAM DATES (final exam):**

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