

26714 - Psychiatry

Syllabus Information

Academic Year: 2022/23

Subject: 26714 - Psychiatry

Faculty / School: 104 - Facultad de Medicina

Degree: 304 - Degree in Medicine

ECTS: 6.0

Year: 3

Semester: First semester

Subject Type: Compulsory

Module:

1. General information

2. Learning goals

3. Assessment (1st and 2nd call)

4. Methodology, learning tasks, syllabus and resources

4.1. Methodological overview

Learning process in this matter is based on the following principles:

This course has been structured in both 18 theoretical lessons and 18 workshops and monographic seminars (3 of them being “practical lessons”) and clinical practices.

Theoretical contents will be based on recommended bibliography, previously adapted to the student’s knowledge.

And a narrow link among theoretical lessons (which include clinical cases), seminars and workshops has been designed. It is intended in seminars, but especially in workshops, that students have an active participation. For this purpose, students have to prepare them previously.

If face-to-face activities are not possible due to sanitary conditions, convenient methodological adaptations (as partial audience activities with streaming broadcast, or even totally online activities, if needed) will be adopted (in a similar way to second term during 19-20 course). If in-person clinical practices are not possible, an online teaching system has been scheduled (a similar system as the used for Psychiatry Practicum during 19-20 course). All methodological modifications will be published.

4.2. Learning tasks

To reach the planned objectives, the designed program includes the following activities:

-Face-to-face activities (45%: 2.7 ECTS, 67.5 hours): The total 23 lessons will be developed in both 18 theoretical, “master” lessons and 18 workshops and seminars.

-Big groups (45%: 1.22 ECTS, 30.4 hours): 18 theoretical, “master” lessons, sequentially and logically distributed.

The course is divided into 3 major sections: General Introduction, Specific Part and Treatment. Nevertheless, from the beginning, and to expose students to clinical cases (in order to improve also the clinical practices), the course is distributed as follows:

I. Introduction:

- **1. The course's planning:** Where learning objectives, matter's program, practices' criteria, recommended bibliography are specified.
- **2. Introduction and key concepts:** This section includes the concept of Psychiatry, clinical history, an operative concept of psychotic disorder and psychosis, a brief and essential taxonomy of psychiatric disorders to locate every patient very early in the course and, finally, main doctrinal tendencies in Psychiatry.
- **3. How to reach soon the core of Psychiatry:** This section studies major psychiatric syndromes and which disorders include them. Together with the study of clinical evolution ways, from the beginning of the course, students are able to discuss the differential diagnosis of cases. It includes also which is considered normal and pathological in Psychiatry, as well as different management models of psychiatric disorders.
- **4. How to be ready very early to face the clinical challenge with patients:**
 - **a. Interview, clinical history, and clinical examination:** This part basically pretends to prepare students to discuss real clinical cases in their practices. It emphasizes clinical interview, psychiatric clinical history, and psychopathological examination.
 - **b. Diagnostic, aetiological and therapeutic schemes:** Together with the prior issues, the specific approach of diagnostic and aetiological schemes, as well as complementary diagnostic tests and therapeutic scheme complete the learning process in this issue, and students will be able to implement this knowledge in their clinical practices.

Both principles of basic, support psychotherapy and basic classification of psychotropic drugs (which students will see how are applied to clinical cases from the beginning of the course) will be presented.

- **5. Aetiological factors in Psychiatry:** They are studied, starting with a general scheme, and following with biological factors (genetic factors, structural abnormalities, CNS development disorders, and biochemical factors). Main biological hypotheses for psychiatric disorders are presented in this point. Among psychosocial factors, psychological ones are studied, together with psychological theories (psychoanalysis, conductism, cognitive-behavioral theories, existentialism, and other theories) are presented. Also, we study social factors and their theories, including clinical epidemiology, stress and life events.
- **6. Towards diagnosis and classification of psychiatric disorders:** Introduction section ends with a deeper study of clinical history and mental status examination, as well as complementary specific tests and explorations, including scales and questionnaires, laboratory tests and neuroimaging. Psychiatric taxonomy is also studied, using the WHO International Classification of Diseases, ICD-10.

II. Specific Part:

All psychiatric disorders are studied in this section, following ICD-10 taxonomy: organic disorders, substance abuse, schizophrenia, and chronic delusional disorders, affective disorders, neurotic disorders, post-stress and somatoform disorders, psychophysiological and "psychosomatic" disorders and personality disorders. Child and adolescent psychiatry, as well as geriatric psychiatry and suicide, are studied in specific lessons.

III. Treatments and assistance:

In this section, the different psychotropic treatments are studied, as well as electro-convulsive therapy and psychotherapies. For learning purposes, a relevant part of these contents has been included in the specific part. Final lesson study, in a general sense, psychiatric assistance.

Along with the program aspects, relatives to evolution and development of the discipline are included and, specifically, an introduction to research in Psychiatry.

2: Small groups (45%: 1.22 ECTS, 30.4 hours). Theoretical program is completed with 18 Seminars and Workshops, as well as with clinical practices.

- **Seminars:** They are related to basic lessons of the general program. Different clinical cases will be presented with the active participation of students. Furthermore, some seminar will include a bigger proportion of contents about models and scientific approaches.
- Timetable for seminars and workshops will be available in the noticeboard of Psychiatry Area. Small groups of 4-5 students will work under teachers' supervision.
- **Workshops:** They are eminently practical, with the especially active participation of students. There will be a special dedication to research projects in Psychiatry.
- **Clinical practices:** Clinical contact with patients in hospitals, with the correspondent distribution of students, according to the transversal organization chart.
- **Tutorials:** They are both face-to-face and personal, with the previous appointment with the teacher, and online, using a standard timetable. Group tutorials are also available, with seminars and workshops' teachers.
- At the beginning of the academic term, students will be distributed among available teachers, according to their teaching commitments. The main objective is to reach adequate academic guidance of the students.

3: Distance learning (55%: 3.30 ECTS, 82.5 hours): This is the autonomous work of the students, dedicated to study the theoretical lessons and to prepare seminars and workshops before and after them.

4.3. Syllabus

The course will address the following topics:

Introduction:

- Topic 1. History and current concept of Psychiatry. Contemporary doctrinal tendencies. Relationships with other knowledge areas and medical specialties.
- Topic 2. Major psychopathological syndromes.
- Topic 3. Psychiatric interview. Psychopathological examination. Complementary explorations (EEG, neurophysiological and neuro-radiological explorations). Psychological tests, scales and questionnaires.
- Topic 4. Classification of psychiatric disorders. Current taxonomies.
- Topic 5. General aetiology of psychiatric disorders. Normal and pathological in Psychiatry. Psychiatric epidemiology. Evolution forms of psychiatric disorders. Biological bases of psychiatric disorders. Psychological and social bases of psychiatric disorders.

Specific part:

- Topic 6. Organic mental disorders. Dementias.
- Topic 7. Delirium.
- Topic 8. Other psychiatric disorders with organic bases. Psychiatric aspects of epilepsy.
- Topic 9. Mental and behavioral disorders due to substance abuse: Aetiopathogenic, classification, social and personal problems.
- Topic 10. Schizophrenia and chronic delusional disorders.
- Topic 11. Affective disorders.
- Topic 12. Neurotic, stress and somatoform disorders, Concept and classification. Anxiety disorders.
- Topic 13. Phobic, obsessive-compulsive and dissociative disorders.
- Topic 14. Somatoform disorders.
- Topic 15. Psychiatric and behavioural disorders associated to physiological dysfunctions and physical factors. Eating behaviour and sleep disorders. Sexual dysfunctions.
- Topic 16. Personality and behavioural disorders in adults.
- Topic 17. Development and behavioural disorders in childhood and adolescence.
- Topic 18. Geriatric psychiatry: Disorders in the elderly, apart from dementias.
- Topic 19. Suicide and suicide risk. Evaluation, aetiopathogenic, prevention and treatment.

Treatments and assistance:

- Topic 20. Biological treatments in Psychiatry. Psychotropic drugs., Electro-convulsive therapy.
- Topic 21. Psychotherapies.
- Topic 22. Prevention of psychiatric disorders and mental hygiene. Modern psychiatric assistance. Consultation-liaison psychiatry. Psychiatric legislation. Psychiatric rehabilitation.

4.4. Course planning and calendar

Face-to-face activities timetable and the deadline for works:

- Lectures: 3 lessons each week (alternative with seminars) = 18 hours.
- Seminars: 1 per week for 16 weeks.
- Workshops: 1 every 2-3 weeks for 16 weeks.
- Small groups work (4-5 students), distributed along seminars and workshops will be done and presented before the deadlines established by teachers in charge.
- Evaluation: Information is available at: <https://medicina.unizar.es/tercer-curso#horario5>

4.5. Bibliography and recommended resources

Recommended bibliography:

<http://psfunizar10.unizar.es/br13/egAsignaturas.php?codigo=26714>