[Medicinski fakultet u Rijeci]

Curriculum
2022/2023

[Za kolegij]

Neurology

Study program:	**Medical Studies in English (R)** [Sveučilišni integrirani prijediplomski i diplomski studij]
Department:	**[Katedra za neurologiju]**
Course coordinator:	**izv.prof. prim. dr. sc. Vuletić Vladimira, dr. med.**
Year of study:	**4**
ECTS:	**4.5**
Incentive ECTS:	**0 (0.00%)**
Foreign language:	**Possibility of teaching in a foreign language**

Course information:

The course “Neurology” is a compulsory course in the 4th year of the Integrated Undergraduate and Graduate Study of Medicine and consists of 20 hours of lectures, 35 hours of seminars and 30 hours of exercises (4.5 ECTS). Most of the course is conducted at the Clinic of Neurology of the Clinical Hospital Center Rijeka, except for lectures that are held in the central lecture room of Rijeka locality of the Clinical Hospital Center Rijeka.

Course objective: Acquisition of basic knowledge and clinical skills in the field of neurology. The aim is to acquaint students with new knowledge about the functioning of the brain, the current possibilities of the neurological profession and to enable easier understanding and access to neurological patients. Students will be introduced to the specifics of neurological propaedeutics and the basics of clinical neurological examination. The aim of the course is also to acquaint students with neurological diseases, diagnostics, differential diagnosis and treatment. The seminars will cover the anatomical and physiological examination of the relevant neurological area, the functions of the cerebral nerves, sensory, motor, vegetative and higher nervous functions, and topical diagnostics. Students will be introduced to the methods of examination and pathological changes of certain neurological functions and their correct interpretation during practicals.

Course content: Cerebrovascular diseases; Tumors of the central nervous system; Epilepsy and other paroxysmal conditions; Demyelinating diseases; Extrapyramidal diseases; Dementia; Headaches and other painful conditions; Neuromuscular diseases; Diseases and injuries of the spinal cord and nerve roots; Emergencies in neurology.

Class organization: The estimated duration of classes is 8 weeks in total. Active participation is expected and monitored during the seminars, along with short (approx. 10 min.) independent Powerpoint presentations on a given topic of the seminar, the teacher will discuss the topic with students and at the end of each seminar students will receive 5 questions from the given topic, either orally or in writing. During practicals, the teacher will demonstrate the neurological exam and evaluate the active participation of students in performing the neurological exam. There will be a mandatory oral colloquium held at the end of Seminars and Practicals. A final exam will be held at the end of the course, in both written and oral form, during which the student will demonstrate practical knowledge of neurological propaedeutics according to the Skills Catalog Booklet. By completing all teaching activities, the student can achieve a maximum of 50 points (up to 50% of the grade) and at the final exam 50 points. The student will gain 4,5 ECTS by fulfilling all the above obligations.

List of assigned reading:

1. Roger Simon, David Greenberg, Michael Aminoff et al. Lange Clinical Neurology, McGraw-Hill Education, 10th ed, 2017.

2. William W. Campbell et al. DeJong’s The Neurologic Examination. LWW, 8th ed, 2019.

List of optional reading:

Curriculum:

Student obligations:

Students are required to attend regularly and actively participate in all forms of the classes

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

Knowledge assessment (method of taking the exam, description of the written / oral part of the exam, method of scoring during classes, grading criteria)

Student assessment is carried out according to the current Ordinance on studies at the University of Rijeka, and according to the Ordinance on student assessment at the Medical Faculty in Rijeka (adopted by the Faculty Council of the Medical Faculty in Rijeka)

Student work will be evaluated and graded during classes and at the final exam. Out of a total of 100 points, a student can achieve a maximum of 70 points during classes, and 30 points at the final exam. A total of 4.5 ECTS.

I During classes, the following is evaluated:

1. acquired knowledge - up to 30 points
2. activity and knowledge during classes - up to 20 points

1. Acquired knowledge (up to 30 points)

During the classes, the acquired knowledge will be assessed with one colloquium (oral) after the completion of all seminars and practicals in terms of agreement (depending on the number of students) on working days with the possibility of inclusion of Saturday. The colloquium has to take place before the final exam. The maximum number of points is 60. Examiners are teachers of both seminars and practicals.

Colloquium: Neurological status + Clinical topical diagnostics

Grades from the colloquium will be converted into points as shown in the table:

I. Excellent 30
II. Very good 25
III. Good 20
IV. Sufficient 15

2.Activity and knowledge in teaching (up to 20 points)

Students' knowledge and activity are assessed in all exercises (except P1) orally with a practical part in each exercise leader. In the end, the total average grade obtained is converted into points:

I. 4,8-5 20 points
II. 4,4-4,7 18 points
III. 3,7-4,2 16 points
IV. 3,0-3,6 14 points
V. 2,4-2,9 12 points
VI. 2,0-2,3 10 points

A student can take the Final Exam when he / she passes the Colloquium, i.e. when he / she achieves a minimum number of points of 15 and a passing grade in the final practicals (a total of at least 25 points). A student who did not collect 15 points from the Colloquium or who for justified reasons could not take the Colloquium in the given term, can take one remedial colloquium because otherwise he / she will not be able to take the final exam. The term of the "corrective" colloquium will be determined between the 1st and 2nd term of the final exam. The examiner at the remedial colloquium will be a teacher. A student who passed the colloquium but wants a higher grade and thus more points according to the final exam will be allowed a corrective colloquium, but the previous result is deleted and the one that is achieved in the correctional.

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

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COURSE HOURS 2022/2023

Neurology

List of lectures, seminars and practicals:

EXAM DATES (final exam):