[Medicinski fakultet u Rijeci]

Curriculum
2022/2023

[Za kolegij]

Forensic Medicine

Study program:	**Medical Studies in English (R)** [Sveučilišni integrirani prijediplomski i diplomski studij]
Department:	**[Zavod za sudsku medicinu i kriminalistiku]**
Course coordinator:	**Prof.dr.sc. Cuculić Dražen, dr. med.**
Year of study:	**6**
ECTS:	**3**
Incentive ECTS:	**0 (0.00%)**
Foreign language:	**Possibility of teaching in a foreign language**

Course information:

Forensic Medicine is a compulsory course in the sixth year of the Integrated Undergraduate and graduate university study of medicine. The course consists of 20 hours of lectures, 10 hours of seminars and 20 hours of practicals, which is a total of 50 teaching hours (3 ECTS). It is held at the Faculty of Medicine and the post-mortem examination room of the Department of Forensic Medicine and Criminalistics (located at the Department of Pathology and Pathological Anatomy).

Course objective:

Acquisition of basic knowledge and skills in the field of forensic medicine.

Course content:

The course consists of three basic units: medical aspects of death, pathology of trauma and medicine and law.

COURSE LEARNING OUTCOMES:

I. COGNITIVE DOMAIN - KNOWLEDGE Students must adopt theoretical foundations on damage to health, determination of death, sudden and natural death, thanatology and examination of the dead body, trauma pathology, mechanical injuries, asphyxial and physical injuries, craniocerebral injuries, forensic toxicology, the role of expert witnesses and their expertise in road traffic accidents, bodily injuries in criminal proceedings, professional and criminal liability of physicians.

II. PSYCHOMOTOR DOMAIN - SKILLS At the end of this course students should be able to use this acquired knowledge to: independently examine a dead body, recognize signs of death to determine the cause of death, fill out appropriate documentation, properly identify, classify and describe injuries to living persons and dead bodies, determine injury severity, suspect a violent death, set indications for a coroner's or medicolegal autopsy and perform examinations and sampling for chemical and toxicological analysis (in living patients as well as in dead bodies)

Course teaching: Classes are held in the form of lectures, seminars and practicals. The estimated duration of classes is a total of 3 weeks. During seminar classes, for which the student is expected to be adequately prepared, the teacher focuses on important parts of the teaching unit, presents cases from practice related to the teaching unit and involves students in active discussion. During practical classes, the teacher performs an autopsy and monitors students' active involvement in the discussion of the findings and their opinions at the end of the autopsy.

The student is required to prepare the learning material to be discussed. There will be one mandatory written midterm exam during the course and an oral final exam. By completing all class activities and taking the obligatory written midterm exam and oral final exam, the student acquires 3 ECTS credits. **The teacher evaluates students' participation in seminar classes (demonstrated knowledge, understanding, problem-solving skills, reasoning, etc.)**

List of assigned reading:

1. Payne-James J, Jones R M. Simpson's Forensic Medicine, 14th Edition. Milton: CRC Press LLC, 2019

List of optional reading:

1. DiMaio V J M, Molina D K. Di Maio's Forensic Pathology, 3rd Edition. CRC Press, 2021.

2. Saukko P, Knight B. Knight's Forensic Pathology, 4th Edition. CRC Press, 2015.

Curriculum:

Student obligations:

Students are required to regularly attend classes (lectures, seminars and practicals) and actively participate in all forms of teaching, which includes preparing for units covered in seminars using the required literature

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

ECTS grading system:

Student grading is conducted according to the current University of Rijeka Study Regulations and the Ordinance on Student Assessment and Evaluation at the Faculty of Medicine in Rijeka (adopted by the Faculty Council of the Faculty of Medicine in Rijeka). Student work is assessed and evaluated during classes and on the final exam. Out of 100 grade points, the student c **an achieve 70 grade points** during classes and **30 grade points** on the final exam.

I. During classes, the following is evaluated (up to a maximum of 70 grade points):

a. activity in lectures, seminars and practicals (up to 10 grade points)
b. written midterm exam (up to 60 grade points).

Students are allowed to miss 30% of classes solely for health reasons, which must be justified by a medical certificate. Attendance at lectures, practicals and seminars is mandatory. It is possible to make up for missed practicals and seminars by prior contacting the course coordinator If a student disrupts the class (lectures, seminars, practicals), the teacher may remove them from class, which is recorded as absenteeism.

The student does not fulfill their obligations if they miss more than 30% of teaching hours for each form of teaching (lectures, seminars or practicals).

If a student justifiably or unjustifiably misses more than 30% of classes, they cannot continue to attend the course and cannot take the final exam. In that case, the student achieves 0 ECTS credits and an F grade.

a. Activity during classes (lectures, seminars and practicals) will be graded as follows:

I. 70–85 % - 5 grade points
II. 86–100% - 10 grade points

b) Written midterm exam (up to 60 grade points)

All students are required to take a written midterm exam on which they can achieve a maximum of 60 grade points.

The written midterm exam is held at the end of the second week of classes, after the lectures and seminars. The written midterm exam includes 60 questions from the material covered in lectures and seminars and is written for 60 minutes.

Students who missed the midterm exam for justified reasons have the opportunity to retake the midterm exam one week later.

The written midterm exam includes material from teaching units (seminars and lectures): thanatology, mechanical injuries, asphyxial and physical injuries, craniocerebral injuries, mechanical injuries to the torso, vital reactions, iatrogenic injuries and resuscitation injuries, identification based on DNA analysis, expert testimony in criminal and civil proceedings, expert testimony on bodily injuries in criminal proceedings, traffic trauma and expert testimony in road accidents, forensic toxicology, infanticide and unlawful termination of pregnancy, criminal and civil liability of physicians, criminal offenses against sexual freedom and morality.

The written midterm exam consists of 60 multiple answer questions with one correct answer. Each correctly answered question carries 1 point. The criterion for achieving grade points is 50% of correctly answered questions. Students who do not meet the criteria for achieving grade points (those who do not correctly solve more than 50% of the test) have the right to repeat the midterm exam one week later.

II. Final exam (up to 30 grade points)

The final exam is oral and is worth 30 grade points (range 15–30).

Success in the final exam is converted into grade points as follows:

I. insufficient 0 points
II. sufficient 15 points
III. good 20 points
IV. very good 25 points
V. excellent 30 points

Allowed to take the final exam:

Students who achieved at least 35 grade points (50% of the maximum 70 grade points) can take the final oral exam. They can achieve a maximum of 30 grade points on the final exam.

Not allowed to take the final exam:

Students who scored 0 to 29.9 grade points during classes or missed more than 30% of classes are evaluated with an insufficient (1 or F) grade and cannot take the final exam. They must re-enroll in the course in the following academic year.

III. The final grade is the sum of the ECTS grade points achieved during the course and at the final exam:

I. A (90-100%) excellent (5)
II. B (75-89.9%) very good (4)
III. C (60-74.9%) good (3)
IV. D (50-59.9%) sufficient (2)
V. F (students who achieved less than 35 grade points during classes or didn’t pass the final exam) insufficient (1)

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

Teaching content and all information related to the course can be found on the SharePoint portal for internal communication of the Department of Forensic Medicine and Criminalistics.

COURSE HOURS 2022/2023

Forensic Medicine

List of lectures, seminars and practicals:

EXAM DATES (final exam):
