[Medicinski fakultet u Rijeci]

Curriculum
2022/2023

[Za kolegij]

Infectology with Clinical Microbiology

Study program:	**Medical Studies in English (R)** [Sveučilišni integrirani prijediplomski i diplomski studij]
Department:	**[Katedra za zarazne bolesti]**
Course coordinator:	**izv. prof. dr. sc. Cekinović Grbeša Đurđica, dr. med.**
Year of study:	**4**
ECTS:	**8**
Incentive ECTS:	**0 (0.00%)**
Foreign language:	**Possibility of teaching in a foreign language**

Course information:

“Infectious diseases and clinical microbiology” course comprises general matter: pathogenesis and etiology of infectious diseases, epidemiology of infectious diseases, clinical course of an infective disease and general signs and symptoms of an infectious disease as well as immune response to infective agent, diagnostic techniques used in infectious diseases and antimicrobial treatment. Specific matter in infectious diseases covers infectious diseases syndromes and infections of particular organic systems: respiratory tract infections, gastrointestinal infections, hepatibiliary tract infection, central nervous system infections, skin, bone, joint and soft tissue infections, urinary tract infections, bloodstream infections and sepsis. More, this course covers fever with rash, fever of unknown origin, zoonoses, and infections in immunocompromised patients and healthcare-associated infections. Protozaoal infections, infections with anaerobic bacteria, HIV infection and other causative agents in infectious diseases are covered in this course. Separately, immunization and vaccines are emphasized as a key component of infectious disease burden control.

This course appends the matter of previous courses like internal medicine, physiology, pathophysiology, immunology, pharmacology, pathology and microbiology.

Lessons are organizes as lectures, seminars anf practical excercises wich mutually interfere and append and all forms of lessions are obligatory to master the course.

Seminars are integrated with seminars in clinical microbiology and present a learning unit. Microbiological part of the seminar covers pathogenesis of a particular infectious disease, virulence factors of pathogens and immune response pathways in order to resolve infection. Infectious diseases specialist guides second part of the seminar in order to present the clinical signs and symptoms of previously presented infectious disease, either in a bedside manner or as a case-report.

Students will be provided with all lectures synopses

Lectures will be held in main lecture room of The Clinical hospital center Rijeka and lecture room of Clinic for infectious diseases. Seminars will be held in a lecture room of Clinic for infectious diseases. Practical exercises will be performed in the Clinic for infectious diseases, Clinical hospital center Rijeka. All forms of lessions are obligatory, as regulated by Statue of the Faculty of Medicine in Rijeka.

List of assigned reading:

Southwick FS. Infectious Diseases: Clinical Short Course, 4 th Ed. McGraw Hill Education, 2020.

List of optional reading:

Harrison´s Principles of Internal Medicine, 20th Ed. McGraw Hill Education, 2018. Mandell, Douglas, and Bennett´s Principles and Practice of Infectious Diseases, 9th Ed. Churchill, Livingstone (Elsevier), 2020 Red book: 2021-2024 Report of the Committee on Infectious Diseases 32nd Ed. Itasca, IL, American Academy of Pediatrics, 2021.

Curriculum:

Student obligations:

All forms of classes are obligatory. Student has not fulfilled the requirements prescribed by the study programme, in case he/she was absent more than 30% of the course hours in all the course sections (lectures, seminars or practical work). These students must enroll again in the course in the next academic year. Student that has ≤30% of seminars or practical work default need to compensate the practical work in other time point or to pass the preliminary exam of the default seminar.

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

1. Students evaluations will be conducted according to the Ordinance on Student Grading at the faculty of Medicine in Rijeka

2. Total percentage of students´ success during the course constitutes up to 60% of the grade and 40% passing the final exam.

During the course student constitutes max. up to 60 % of the grade via 2 small exams formed as an essay. Each essay contains 5 (five) themes that students answer in writing in period of 60 minutes. Small test essays will be conducted during the ordinary session and students can achieve up to 30% of grade on each.

3. Students who achieve ≥30 % of the final grade can take final exam.

In the final exam the maximum is 40%.

I. 35-40% Excellent (5)
II. 30-34% Very good (4)
III. 25-29% Good (3)
IV. 20-24% Sufficient (2)

Final exam is constituted from practical and oral part. Total credits at the final exam may be max. 40%.

Pass grades:

1. 90-100% (5), A Excellent
2. 75-89,9% (4), B Very good
3. 60-74,9% (3), C Good
4. 50-59,9% (2), D, Sufficient
5. 0-49,9% (1), F Insufficient

Before taking the final exam student must present his Transcript of records signed by the Head of the course.

4. Student who has achieved ≤30 % of the final grade don´t have the right to take the final exam and must enroll again in the course in the next academic year.

5. All forms of classes are obligatory. Student has not fulfilled the requirements prescribed by the study programme, in case he/she was absent more than 30% of the course hours in all the course sections. These students must enroll again in the course in the next academic year.

6. Student that has ≤30 % of seminars or practical work default need to compensate the practical work in other time point or to pass the preliminary exam of the default seminar.

7. First exam essay includes principles of infectious diseases (Infectious diseases in general), Diagnostics and Therapy of infectious diseases. First exam essay will be held on March 17 th 2025 at 08:00 am in the lecture room of the Clinical hospital center Rijeka.

8. Second exam essay´s themes are Infections caused by Streptococci, Infections caused by Staphylococci, Respiratory tract infections, Infections of the gastrointestinal system and Viral hepatitis. Second exam essay will be held on March 31 st 2025 at 08:00 am in the lecture room of the Clinical hospital center Rijeka.

9. Repeat examination for one of exam essays will be held at single time point between two time dates of final exames for students who achieved ≤30 % of the final grade and those who were unable to attend exam essay due to illness. Repeat examination contains themes of the exam essay at which the student scored inferior result. Student can retake only ONE exam essay. Students who have achieved ≤30 % of the final grade after repeat examination don´t have the right to take the final exam and must enroll again in the course in the next academic year.

10. Final exam dates are 23.4.2025.; 17.06.2025., 07.07.2025., 09.09.2025. and 23.09.2025. The final exam results will be published on the web pages and on the notice board.

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

All changes in course programme and important informations regarding the Course will be announced on the web pages and on the notice board of the Department of infectous diseases placed in the atrium of the Clinic for infectious disease, Clinical Hospital Centre Rijeka. Time dates and hours for students consultations with lecturers, students personally arrange with the lecturer via e-mail or on site. Department´s officer Sanja Rivetti is available from Monday to Friday in period 8-12 am, contact phone number. +385 51 658 271; e-mail: infektologija@kbc-rijeka.hr

COURSE HOURS 2022/2023

Infectology with Clinical Microbiology

List of lectures, seminars and practicals:

EXAM DATES (final exam):
