Infectious Diseases Courses

Q9 & Q10 - the autumn semester (September - January)

Students who take the courses above, can combine or follow this track of research programmes.

Course Coordinators

MEDMINT16: Global Health and Infectious Diseases
Dr. J. Spanx, Dept. of Health Evidence
Dr. A. Toonstra, Dept. of Medical Microbiology

MEDMINT10: Pediatric Infectious Diseases and Immunity
Dr. H. van Bever, MD, Dept. of Pediatrics
Dr. L. van Sleeuwen, Dept. of Pediatrics

MEDMINT14: Control of Infectious Diseases
Dr. J. Hoekstra, MD, Dept. of Public Health
Dr. M. Keuter, MD-PhD, Dept. of Medical Microbiology

MEDMINT19: Principles and practices of infectious diseases
Dr. I. Kramer, MD-Phil, Dept. Infectious Diseases
Dr. D. Stens, MD, Dept. of Medical Microbiology

For more information about the content of the courses, please contact: Dr. foekje Stelma, MD
Radboudumc; F: 010 469 51068 for WhatsApp only (Mon-Thur 9.00 till 17.00):
Email: Foekje.Stelma@radboudumc.nl
Telephone: +31 24 361 9041
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Telephone: +31 24 361 9041

Change perspective

Infectious Diseases and Global Health

BLEEDING DRUG RESISTANT INFECTIONS

Drug resistant infections are emerging globally. Radboudumc has a global network through MSF (Médecins Sans Frontières) and other global networks to perform research and find the evidence to prevent, diagnose and treat infectious diseases. Together with experts, and based on our studies, we offers policy makers and help to reduce the growing burden of drug resistant infections.

International Office

The international office consists of: Cindy van Ooij, International Office and Executive Coordinator

You can reach us on:
I: www.radboudumc.nl/internationaloffice
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E: Cindy van Dijk, International Officer and Erasmus Coordinator
Loes Vaessen, Marketing, Recruitment & Admissions Officer
Guusje Jongen & Carly Pepers, Junior international officers

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This flyer concerns the previous academic year. No rights may be derived from its contents.
The focus is clinical infectious diseases and rational antibiotic use in the Dutch situation and across borders. This minor is internationally oriented and suitable for medical students.

The student will acquire basic and advanced understanding and skills in the management of individual patients with infectious diseases, including tropical infectious diseases.

The student will study the principles of rational use of antibiotics for both bacterial and fungal infections and understand the consequences and management of antibiotic resistance. Students will learn to distinguish between appropriate and inappropriate use of antimicrobials on a patient level. You will also gain knowledge of immunology and how to apply this knowledge for better understanding of immune system and critical aspects of good health governance.

The focus on rational antibiotic policy, infection control and surveillance. This minor is designed for students with an interest in public health policy.

You will acquire essential scientific knowledge and skills to provide rational antibiotic stewardship, infection prevention and control of infectious diseases in health and community settings. After completion of the minor, students are able to:

• Gain profound understanding of how genetic diversity and antigenic variation of microorganisms result in the development of antibiotic resistance in infectious diseases and to participate in multidisciplinary antibiotic stewardship teams.
• Understand the interplay between immunity and pathogenesis, and the transmission and evolution of infectious diseases.

Course code: MEDM1N53

Clinical infectious diseases and Global Health

The focus is rational infectious diseases, which are open to exchange students. In this brochure you will find the course descriptions as well as information how to enrol for these courses.

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Course code: MEDM1N46

Pediatric Infections

The focus is children’s infectious diseases. The minor is a research minor focusing on research with a strong clinical impact.

After completion of the minor, students are able to:

• Explain the different components of the developing immune system of the child from late gestation through the first years of life and to understand vulnerability to, and presentation of, specific pathogens.
• Define the impact of infectious diseases and the associated clinical, social and economic consequences.
• Apply practical knowledge on important aspects in the design of clinical trials (stewardship) and will learn how to apply infection control and antimicrobial and infection prevention guidelines (on a basic level).
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Course code: MEDM1N46

Global Health and Infectious Diseases

The focus is global health and research within this field. Part of this minor is a visit to a global health institution.

You will acquire essential scientific knowledge and skills to analyse global health issues in the field of infectious diseases, thereby linking molecular, clinical and population level aspects.

You will learn to critically assess information that an aim at reducing the global burden of infectious diseases and how to address these issues in low and middle income countries. After completion of the minor, students are able to:

• Critically assess molecular and biological approaches to fundamental research on infectious diseases that are of global importance.
• Understand the pathogenesis of certain infectious diseases and the options and limitations of infectious disease control.
• Apply practical knowledge on important aspects in the design of programmes evaluation and clinical trials, and get hands-on experience in the leading, analysis and interpretation of research data that informing public health decisions.
• Analyse mathematical models on the impact, costs and cost-effectiveness of antimicrobial control interventions, and use multiple criteria decision analysis for priority setting of health interventions.
• Analyse and the basic building blocks of a national health system and critical aspects of good health governance.

Course code: MEDM1N46

Control of Infectious Diseases

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