

SYLLABUS

Subject:	<i>EPIDEMIOLOGY</i>		
Study Programme:	<i>General Medicine</i>	Study Period:	<i>7th semester</i>
Evaluation:	<i>Exam</i>	Subject Type:	<i>compulsory</i>
Content:	2 L/odd calendar week + 2 S/week		<i>Total 42 hours</i>

<i>Week</i>	<i>Lectures</i>	<i>Seminars</i>
1. <i>16. – 18. 9. 2026</i>		Introduction to the Epidemiology. Classification of diseases from epidemiological point of view. <i>Elena Hatalová Lenka Petrová</i>
2. <i>21. – 25.9. 2026</i>	Epidemic process. Characteristic and determinants. <i>Elena Hatalová</i>	Epidemiology of airborne infections. General characteristics, transmission. Epidemiological features of airborne diseases. Preventive measures. <i>Slavomíra Slabá Elena Hatalová Lenka Petrová</i>
3. <i>28.9. – 02.10.2026</i>		Epidemiology of intestinal infections. General characteristics, transmission. Epidemiological features of intestinal diseases. Preventive measures. <i>Slavomíra Slabá Elena Hatalová Lenka Petrová</i>
4. <i>05. – 9.10. 2026</i>	Classification of infectious diseases, Principles of Control of Infectious Diseases. Epidemiological impact on disease reduction, elimination or eradication. <i>Elena Hatalová</i>	Presentation of seminars works. Sources of infectious diseases. Carriage of pathogenic microorganisms. <i>Slavomíra Slabá Elena Hatalová Lenka Petrová Ingrid Urbančíková</i>
5. <i>12. – 16.10. 2026</i>		Critical interpretation of epidemiological data <i>Daniela Filáková</i>

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6. 19. – 23.10. 2026	Epidemiology of human parasitic diseases. General characteristics, transmission. Preventive measures. Current epidemiology of selected parasitic diseases. <i>Elena Hatalová</i>	Epidemiology of infections of the skin and external mucosae. General characteristics, transmission. Epidemiological features. Preventive measures and control in developed and developing countries. <i>Slavomíra Slabá Elena Hatalová Lenka Petrová</i>
7. 26.10. – 30.10.2026		Epidemiology of arthropod-borne diseases. General characteristics, transmission. Epidemiological features. Preventive measures. <i>Slavomíra Slabá Elena Hatalová Lenka Petrová</i>
8. 02. – 06.11. 2026	Epidemiology of zoonoses. General characteristics, transmission. Preventive and repressive measures. <i>Monika Halánová</i>	Decontamination, disinfection, and sterilization – epidemiological approach. Methods and control of disinfection and sterilization. Central sterilization. Laboratory control of the effectiveness of hand disinfection. <i>Slavomíra Slabá Elena Hatalová Lenka Petrová</i>
9. 09. – 13.11. 2026		Presentation of seminars works. Epidemic process. Characteristic and determinants. <i>Slavomíra Slabá Elena Hatalová Ingrid Urbančíková Lenka Petrová</i>
10. 16. – 20.11. 2026	Epidemiological studies. <i>Beáta Čečetková</i>	Nosocomial infections - Actual data concerning essential patterns and incidence rates of nosocomial infections. <i>Beáta Čečetková Simona Sonderlichová</i>

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11. 23. – 27.11. 2026		Epidemiological studies. Study designs, bias. Good clinical practice. <i>Beáta Čečetková</i> <i>Simona Sonderlichová</i>
12. 30.11. – 04.12. 2026	Public health preventive strategies. Primary, secondary, tertiary prevention. <i>Ingrid Urbančíková</i>	Specific prophylaxis. Passive and active immunization. Basic principles of vaccination, types of vaccination, contraindications. <i>Ingrid Urbančíková</i> <i>Elena Hatalová</i> <i>Lenka Petrová</i>
13. 07. – 11.12. 2026		Health of ethnic minorities and migrants. <i>Daniela Fil'akovská</i> <i>Jana Marošníková</i>
14. 14. – 18.12. 2026	Epidemiology of non-communicable diseases. <i>Ingrid Urbančíková</i>	Evaluation of the seminars. Credits. <i>Slavomíra Slabá</i> <i>Elena Hatalová</i> <i>Lenka Petrová</i> <i>Ingrid Urbančíková</i>

Course guarantor: Assoc. Prof. MUDr. Ingrid Urbančíková, PhD., MPH

Head of the Department of Epidemiology: Prof. MUDr. Monika Halánová, PhD.