

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>

Week	Lectures	Seminars
1. 16. – 19. 9. 2025		Introduction to the Epidemiology. Classification of diseases from epidemiological point of view. <i>Veronika Bednárová</i> <i>Elena Hatalová</i> <i>Lenka Petrová</i>
2. 22. – 26.9. 2025	Epidemiologic methods. Measuring health and disease – health indicators, normality, diagnostic tests in epidemiology, screening. <i>Peter Kolarčík</i>	Epidemiology of airborne infections. General characteristics, transmission. Epidemiological features of airborne diseases. Preventive measures. <i>Ingrid Babinská</i> <i>Veronika Bednárová</i> <i>Elena Hatalová</i> <i>Lenka Petrová</i>
3. 29.9. – 03.10.2025		Epidemiology of intestinal infections. General characteristics, transmission. Epidemiological features of intestinal diseases. Preventive measures. <i>Ingrid Babinská</i> <i>Veronika Bednárová</i> <i>Elena Hatalová</i> <i>Lenka Petrová</i>
4. 06. – 10.10. 2025	Classification of infectious diseases, Principles of Control of Infectious Diseases. Epidemiological impact on disease reduction,elmination or eradication. <i>Elena Hatalová</i>	Presentation of seminars works. Sources of infectious diseases. Carriage of pathogenic microorganisms. <i>Veronika Bednárová</i> <i>Elena Hatalová</i> <i>Lenka Petrová</i> <i>Ingrid Urbančíková</i>

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5. 13. – 17.10. 2025		Epidemiology of infections of the skin and external mucosae. General characteristics, transmission. Epidemiological features. Preventive measures and control in developed and developing countries. <i>Veronika Bednárová</i> <i>Elena Hatalová</i> <i>Lenka Petrová</i>
6. 20. – 24.10. 2025	Epidemiology of human parasitic diseases. General characteristics, transmission. Preventive measures. Current epidemiology of selected parasitic diseases. <i>Elena Hatalová</i>	Epidemiology of arthropod-borne diseases. General characteristics, transmission. Epidemiological features. Preventive measures. <i>Veronika Bednárová</i> <i>Elena Hatalová</i> <i>Lenka Petrová</i>
7. 27.10. – 31.10.2025		Laboratory methods for detection of infectious agents <i>Veronika Bednárová</i> <i>Elena Hatalová</i>
8. 03. – 07.11. 2025	Nosocomial infections. General characteristics, etiology, risk factors, sources, and localization. Control and prevention of NI. <i>Ingrid Babinská</i>	Presentation of seminars works. Epidemic process. Characteristic and determinants. <i>Veronika Bednárová</i> <i>Elena Hatalová</i> <i>Ingrid Urbančíková</i> <i>Lenka Petrová</i>
9. 10. – 14.11. 2025		Epidemiology of zoonoses. General characteristics, transmission. Preventive and repressive measures. <i>Veronika Bednárová</i> <i>Elena Hatalová</i> <i>Ingrid Urbančíková</i>
10. 17. – 21.11. 2025	Public health preventive strategies. Primary, secondary, tertiary prevention. <i>Ingrid Urbančíková</i>	Health of ethnic minorities and migrants. <i>Daniela Filákovská</i> <i>Jana Marošníková</i>

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11. 24. – 28.11. 2025		Specific prophylaxis. Passive and active Immunization. Basic principles of vaccination, types of vaccination, contraindications. <i>Veronika Bednárová</i> <i>Ingrid Urbančíková</i> <i>Lenka Petrová</i>
12. 01. – 05.12. 2025	Epidemiological studies. Study designs, bias. Good clinical practice. <i>Beáta Čečetková</i>	Nosocomial infections - Actual data concerning essential patterns and incidence rates of nosocomial infections. <i>Beáta Čečetková</i> <i>Simona Sonderlichová</i>
13. 08. – 12.12. 2025		Decontamination, disinfection, and sterilization – epidemiological approach. Methods and control of disinfection and sterilization. Central sterilization. Laboratory control of the effectiveness of hand disinfection. <i>Veronika Bednárová</i> <i>Elena Hatalová</i> <i>Lenka Petrová</i>
14. 15. – 19.12. 2025	Epidemiology of non-communicable diseases <i>Ingrid Urbančíková</i>	Evaluation of the seminars. Credits. <i>Veronika Bednárová</i> <i>Monika Halánová</i> <i>Elena Hatalová</i> <i>Lenka Petrová</i> <i>Ingrid Urbančíková</i>