

SYLLABUS

Subject:	EPIDEMIOLOGY		
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. <i>16. – 20. 9. 2024</i>		Introduction to the Epidemiology. Classification of diseases from epidemiological point of view. <i>Ingrid Babinská Veronika Bednářová Monika Halánová Elena Hatalová</i>
2. <i>23. – 27.9. 2024</i>	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 Veronika Bednářová Elena Hatalová Lenka Petrová</i>
3. <i>30.9. – 04.10.2024</i>		Epidemiology of intestinal infections. General characteristics, transmission. Epidemiological features of intestinal diseases. Preventive measures. <i>Ingrid Babinská Veronika Bednářová Elena Hatalová Lenka Petrová</i>
4. <i>07. – 11.10. 2024</i>	Classification of infectious diseases, Principles of Control of Infectious Diseases. Epidemiological impact on disease reduction, elimination or eradication. <i>Monika Halánová</i>	Sources of infectious diseases. Carriage of pathogenic microorganisms. Presentation of seminars works. <i>Ingrid Babinská Veronika Bednářová Elena Hatalová</i>
5. <i>14. – 18.10. 2024</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>Veronika Bednářová Elena Hatalová Lenka Petrová</i>

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<p style="text-align: center;">6. 21. – 25.10. 2024</p>	<p>Epidemiology of human parasitic diseases. General characteristics, transmission. Preventive measures. Current epidemiology of selected parasitic diseases.</p> <p style="text-align: right;"><i>Elena Hatalová</i></p>	<p>Epidemiology of arthropod-borne diseases. General characteristics, transmission. Epidemiological features. Preventive measures.</p> <p style="text-align: right;"><i>Veronika Bednárová</i> <i>Elena Hatalová</i> <i>Lenka Petrová</i></p>
<p style="text-align: center;">7. 28.10. – 01.11.2024</p>		<p>Laboratory methods for detection of infectious agents</p> <p style="text-align: right;"><i>Veronika Bednárová</i> <i>Elena Hatalová</i></p>
<p style="text-align: center;">8. 04. – 08.11. 2024</p>	<p>Nosocomial infections. General characteristics, etiology, risk factors, sources, and localization. Control and prevention of NI.</p> <p style="text-align: right;"><i>Ingrid Babinská</i></p>	<p>Epidemic process. Characteristic and determinants. Presentation of seminars works.</p> <p style="text-align: right;"><i>Veronika Bednárová</i> <i>Elena Hatalová</i> <i>Ingrid Urbančíková</i> <i>Lenka Petrová</i></p>
<p style="text-align: center;">9. 11. – 15.11. 2024</p>		<p>Decontamination, disinfection, and sterilization – epidemiological approach. Methods and control of disinfection and sterilization. Central sterilization. Laboratory control of the effectiveness of hand disinfection.</p> <p style="text-align: right;"><i>Veronika Bednárová</i> <i>Elena Hatalová</i> <i>Lenka Petrová</i></p>
<p style="text-align: center;">10. 18. – 22.11. 2024</p>	<p>Epidemiological studies. Study designs, bias. Good clinical practice.</p> <p style="text-align: right;"><i>Beáta Čečetková</i></p>	<p>Nosocomial infections - Actual data concerning essential patterns and incidence rates of nosocomial infections.</p> <p style="text-align: right;"><i>Beáta Čečetková</i> <i>Simona Sonderlichová</i></p>
<p style="text-align: center;">11. 25. – 29.11. 2024</p>		<p>Epidemiology of zoonoses. General characteristics, transmission. Preventive and repressive measures.</p> <p style="text-align: right;"><i>Veronika Bednárová</i> <i>Elena Hatalová</i> <i>Ingrid Urbančíková</i></p>

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<p style="text-align: center;">12. 02. – 06.12. 2024</p>	<p>Public health preventive strategies. Primary, secondary, tertiary prevention.</p> <p style="text-align: right;"><i>Ingrid Urbančíková</i></p>	<p>Specific prophylaxis. Passive and active Immunization. Basic principles of vaccination, types of vaccination, contraindications.</p> <p style="text-align: right;"><i>Veronika Bednárová</i> <i>Ingrid Urbančíková</i> <i>Lenka Petrová</i></p>
<p style="text-align: center;">13. 09. – 13.12. 2024</p>		<p>Health of ethnic minorities and migrants.</p> <p style="text-align: right;"><i>Daniela Filáková</i> <i>Jana Plavnická</i></p>
<p style="text-align: center;">14. 16. – 20.12. 2024</p>	<p>Epidemiology of non-communicable diseases</p> <p style="text-align: right;"><i>Ingrid Urbančíková</i></p>	<p>Evaluation of the seminars. Credits.</p> <p style="text-align: right;"><i>Ingrid Babinská</i> <i>Veronika Bednárová</i> <i>Monika Halánová</i> <i>Elena Hatalová</i> <i>Ingrid Urbančíková</i></p>