

SYLLABUS

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

<i>Week</i>	<i>Lectures</i>	<i>Seminars</i>
<b>1.</b> <i>16. – 20. 9. 2024</i>		Introduction to the Epidemiology. Classification of diseases from epidemiological point of view.  <i>Ingrid Babinská Veronika Bednárová Monika Halánová Elena Hatalová</i>
<b>2.</b> <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 Bednárová Elena Hatalová Lenka Petrová</i>
<b>3.</b> <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 Bednárová Elena Hatalová Lenka Petrová</i>
<b>4.</b> <i>07. – 11.10. 2024</i>	Classification of infectious diseases, Principles of Control of Infectious Diseases. Epidemiological impact on disease reduction,elmination or eradication.  <i>Monika Halánová</i>	Sources of infectious diseases. Carriage of pathogenic microorganisms. Presentation of seminars works.  <i>Ingrid Babinská Veronika Bednárová Elena Hatalová</i>
<b>5.</b> <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 Bednárová</i>

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		<i>Elena Hatalová</i> <i>Lenka Petrová</i>
<b>6.</b> 21. – 25.10. 2024	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>
<b>7.</b> 28.10. – 01.11.2024		Laboratory methods for detection of infectious agents  <i>Veronika Bednárová</i> <i>Elena Hatalová</i>
<b>8.</b> 04. – 08.11. 2024	Nosocomial infections. General characteristics, etiology, risk factors, sources, and localization. Control and prevention of NI.  <i>Ingrid Babinská</i>	Epidemic process. Characteristic and determinants. Presentation of seminars works.  <i>Veronika Bednárová</i> <i>Elena Hatalová</i> <i>Ingrid Urbančíková</i> <i>Lenka Petrová</i>
<b>9.</b> 11. – 15.11. 2024		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>
<b>10.</b> 18. – 22.11. 2024	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>

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<p style="text-align: center;"><b>11.</b> 25. – 29.11. 2024</p>		<p>Epidemiology of zoonoses. General characteristics, transmission. Preventive and repressive measures.</p> <p><i>Veronika Bednárová Elena Hatalová Ingrid Urbančíková</i></p>
<p style="text-align: center;"><b>12.</b> 02. – 06.12. 2024</p>	<p>Public health preventive strategies. Primary, secondary, tertiary prevention.</p> <p><i>Ingrid Urbančíková</i></p>	<p>Specific prophylaxis. Passive and active Immunization. Basic principles of vaccination, types of vaccination, contraindications.</p> <p><i>Veronika Bednárová Ingrid Urbančíková Lenka Petrová</i></p>
<p style="text-align: center;"><b>13.</b> 09. – 13.12. 2024</p>		<p>Health of ethnic minorities and migrants.</p> <p><i>Daniela Fil'akovská Jana Plavnická</i></p>
<p style="text-align: center;"><b>14.</b> 16. – 20.12. 2024</p>		<p>Evaluation of the seminars. Credits.</p> <p><i>Ingrid Babinská Veronika Bednárová Monika Halánová Elena Hatalová Ingrid Urbančíková</i></p>