

**Univerzita Pavla Jozefa Šafárika v Košiciach, Lekárska fakulta**  
**Department of Public Health and Hygiene**

Hygiene 2022/2023

Course: Hygiene

Study program: General Medicine

Form of study: daily

Category of object: compulsory subject

Period: 4<sup>th</sup> year summer term

Form of teaching: lecture / seminars and practical exercise    hours: 1 lecture hrs. / 2 practical hrs. per week

Form completion: written exam computerized

Credits: 3

Room: ŠP3 and ŠP5

Teachers: Assoc. Prof. Rimárová Kvetoslava, CSc.

Prof. Kimáková Tatiana, PhD.

MVDr. Zlatana Sulínová, PhD.

Mgr. Erik Drabiščák, PhD.

| Week             | Lecture                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                  | Trieda SNP 1, P1 13,30-15,00                                                                                                                                                                                                                                                                                                                                                                                                               |
| 1.<br>17.2.2023  | Water quality – risk of chemical and infectious factors, communicable diseases related to water, water supplies, the sources of drinking water. Division of WHO of all diseases related to the water. Division of waterborne diseases, epidemiology of water related diseases.<br>Assoc. Prof. Rimárová Kvetoslava, CSc.                                                                                                                   |
| 3.<br>3.3.2023   | Air pollutants – SO <sub>2</sub> , NO <sub>x</sub> , VOC, ozone, heavy metals, PAH.<br>Air pollutants – PAH, CFC, CO, CO <sub>2</sub><br>Aluminum, asbestos, radioactive metals, arsenic, PCB, PBB, PCDD, pesticides.<br>Smog, categorization of smog.<br>Assoc. Prof. Rimárová Kvetoslava, CSc.                                                                                                                                           |
| 5.<br>17.3.2023  | Environmental health, hygiene, basic definition of prevention. Environmental factors and modifying factors.<br>Prof. Kimáková Tatiana, PhD.                                                                                                                                                                                                                                                                                                |
| 7.<br>31.3.2023  | Risk assessment steps, Risk assessment and risk management Principles of exposure assessment. NOAEL and LOAEL Overview of human exposure to chemicals, routes, magnitude, duration, frequency.<br>Assoc. Prof. Rimárová Kvetoslava, CSc.                                                                                                                                                                                                   |
| 9.<br>14.4.2023  | CINDI program, priorities. Primary, secondary and tertiary prevention. Examples of measures in primary, secondary and tertiary prevention. Disease categorization, old diseases – old problem, old diseases – new problem, new diseases – new problems.<br>Prof. Kimáková Tatiana, PhD.                                                                                                                                                    |
| 11.<br>28.4.2023 | Study design. Ecological studies, advantages and limitations, examples, solving the real situation. Cross-sectional studies, advantages and limitations, examples, solving the real situation. Case – control, advantages and limitations, examples, solving the real situation. Cohort studies–prospective and retrospective, advantages and limitations, examples, solving the real situation.<br>Assoc. Prof. Rimárová Kvetoslava, CSc. |
| 13.<br>12.5.2023 | Energetic and biologic values of food. Proteins, fats, saccharides, recommended daily allowances. Vitamins, minerals, recommended daily allowances.<br>Prof. Kimáková Tatiana, PhD.                                                                                                                                                                                                                                                        |

| Week                              | Practical<br><b>Department of Public Health and Hygiene, Šrobárova 2, Košice</b>                                                                                                                                                                                                                                                                                                              |           |             |             |                |
|-----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|-------------|----------------|
| 1.<br>13.2.<br>–<br>17.2.<br>2023 | Introduction to the subject. Possible field visit. Organization of the semester. Demands for exam. Environmental health. Hygiene and preventive medicine, strategies for primary prevention, population and high risk strategy, prevention paradox.                                                                                                                                           |           |             |             |                |
|                                   |                                                                                                                                                                                                                                                                                                                                                                                               | 8,00-9,30 |             |             |                |
|                                   | Monday                                                                                                                                                                                                                                                                                                                                                                                        | 3ab ŠP5   |             |             | Mgr. Drabiščák |
|                                   |                                                                                                                                                                                                                                                                                                                                                                                               | 8,00-9,30 | 10,00-11,30 | 11,45-13,15 |                |
|                                   | Monday                                                                                                                                                                                                                                                                                                                                                                                        | 16ab ŠP3  | 10ab ŠP3    | 15ab ŠP3    | prof. Rimárová |
|                                   |                                                                                                                                                                                                                                                                                                                                                                                               | 8,00-9,30 | 9,45-11,15  | 11,30-13,00 |                |
|                                   | Tuesday                                                                                                                                                                                                                                                                                                                                                                                       | 9ab ŠP3   | 5ab ŠP3     | 8ab ŠP3     | prof. Rimárová |
|                                   |                                                                                                                                                                                                                                                                                                                                                                                               | 8,00-9,30 | 10,00-11,30 | 11,45-13,15 |                |
|                                   | Wednesday                                                                                                                                                                                                                                                                                                                                                                                     | 7ab ŠP3   | 13ab ŠP3    | 4ab ŠP3     | prof. Rimárová |
|                                   |                                                                                                                                                                                                                                                                                                                                                                                               | 8,00-9,30 | 9,45-11,15  | 11,30-13,00 |                |
|                                   | Thursday                                                                                                                                                                                                                                                                                                                                                                                      | 2ab ŠP3   | 12ab ŠP3    | 6ab ŠP3     | prof. Rimárová |
|                                   |                                                                                                                                                                                                                                                                                                                                                                                               | 8,00-9,30 | 9,45-11,15  | 11,30-13,00 |                |
|                                   | Friday                                                                                                                                                                                                                                                                                                                                                                                        | 11ab ŠP3  | 1ab ŠP3     | 14ab ŠP3    | prof. Rimárová |
| 2.<br>20.2.<br>–<br>24.2.<br>2023 | Water quality – chemical health, water pollution sources, nitrates.<br>Laboratory methods for determination of drinking water. Water quality – communicable diseases related to water, water supplies, the sources of drinking water. Division of WHO of all diseases related to the water. Division of waterborne diseases, epidemiology of water related diseases.<br>Possible field visit. |           |             |             |                |
|                                   |                                                                                                                                                                                                                                                                                                                                                                                               | 8,00-9,30 |             |             |                |
|                                   | Monday                                                                                                                                                                                                                                                                                                                                                                                        | 3ab ŠP5   |             |             | prof. Rimárová |
|                                   |                                                                                                                                                                                                                                                                                                                                                                                               | 8,00-9,30 | 10,00-11,30 | 11,45-13,15 |                |
|                                   | Monday                                                                                                                                                                                                                                                                                                                                                                                        | 16ab ŠP3  | 10ab ŠP3    | 15ab ŠP3    | Mgr. Drabiščák |
|                                   |                                                                                                                                                                                                                                                                                                                                                                                               | 8,00-9,30 | 9,45-11,15  | 11,30-13,00 |                |
|                                   | Tuesday                                                                                                                                                                                                                                                                                                                                                                                       | 9ab ŠP3   | 5ab ŠP3     | 8ab ŠP3     | Mgr. Drabiščák |
|                                   |                                                                                                                                                                                                                                                                                                                                                                                               | 8,00-9,30 | 10,00-11,30 | 11,45-13,15 |                |
|                                   | Wednesday                                                                                                                                                                                                                                                                                                                                                                                     | 7ab ŠP3   | 13ab ŠP3    | 4ab ŠP3     | Mgr. Drabiščák |
|                                   |                                                                                                                                                                                                                                                                                                                                                                                               | 8,00-9,30 | 9,45-11,15  | 11,30-13,00 |                |
|                                   | Thursday                                                                                                                                                                                                                                                                                                                                                                                      | 2ab ŠP3   | 12ab ŠP3    | 6ab ŠP3     | Mgr. Drabiščák |
|                                   |                                                                                                                                                                                                                                                                                                                                                                                               | 8,00-9,30 | 9,45-11,15  | 11,30-13,00 |                |
|                                   | Friday                                                                                                                                                                                                                                                                                                                                                                                        | 11ab ŠP3  | 1ab ŠP3     | 14ab ŠP3    | Mgr. Drabiščák |

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| 3.<br>27.2.<br>–<br>3.3.<br>2023  | <p>Physical factors in environmental and occupational health, Noise, occupational and environmental aspects, decibels. Hertz frequency, Lehman s classification. Lehman s classification.</p> <p>Noise, aural effect, extraaural effect, psychological effect of the noise.</p> <p>Hospital hygiene, ecology of hospital facilities, six basic areas /infectious, radiation, chemical, psychological, physiology of work, accidents.</p> <p>Model situation in the physical factors of occupation. Possible field visit.</p> | <table><tr><td></td><td>8,00-9,30</td><td></td><td></td><td></td></tr><tr><td>Monday</td><td>3ab ŠP5</td><td></td><td></td><td>Mgr. Drabiščák</td></tr><tr><td></td><td>8,00-9,30</td><td>10,00-11,30</td><td>11,45-13,15</td><td></td></tr><tr><td>Monday</td><td>16ab ŠP3</td><td>10ab ŠP3</td><td>15ab ŠP3</td><td>prof. Rimárová</td></tr><tr><td></td><td>8,00-9,30</td><td>9,45-11,15</td><td>11,30-13,00</td><td></td></tr><tr><td>Tuesday</td><td>9ab ŠP3</td><td>5ab ŠP3</td><td>8ab ŠP3</td><td>prof. Rimárová</td></tr><tr><td></td><td>8,00-9,30</td><td>10,00-11,30</td><td>11,45-13,15</td><td></td></tr><tr><td>Wednesday</td><td>7ab ŠP3</td><td>13ab ŠP3</td><td>4ab ŠP3</td><td>prof. Rimárová</td></tr><tr><td></td><td>8,00-9,30</td><td>9,45-11,15</td><td>11,30-13,00</td><td></td></tr><tr><td>Thursday</td><td>2ab ŠP3</td><td>12ab ŠP3</td><td>6ab ŠP3</td><td>prof. Rimárová</td></tr><tr><td></td><td>8,00-9,30</td><td>9,45-11,15</td><td>11,30-13,00</td><td></td></tr><tr><td>Friday</td><td>11ab ŠP3</td><td>1ab ŠP3</td><td>14ab ŠP3</td><td>prof. Rimárová</td></tr></table> |             | 8,00-9,30      |  |  |  | Monday | 3ab ŠP5 |  |  | Mgr. Drabiščák |  | 8,00-9,30 | 10,00-11,30 | 11,45-13,15 |  | Monday | 16ab ŠP3 | 10ab ŠP3 | 15ab ŠP3 | prof. Rimárová |  | 8,00-9,30 | 9,45-11,15 | 11,30-13,00 |  | Tuesday | 9ab ŠP3 | 5ab ŠP3 | 8ab ŠP3 | prof. Rimárová |  | 8,00-9,30 | 10,00-11,30 | 11,45-13,15 |  | Wednesday | 7ab ŠP3 | 13ab ŠP3 | 4ab ŠP3 | prof. Rimárová |  | 8,00-9,30 | 9,45-11,15 | 11,30-13,00 |  | Thursday | 2ab ŠP3 | 12ab ŠP3 | 6ab ŠP3 | prof. Rimárová |  | 8,00-9,30 | 9,45-11,15 | 11,30-13,00 |  | Friday | 11ab ŠP3 | 1ab ŠP3 | 14ab ŠP3 | prof. Rimárová |
|                                   | 8,00-9,30                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |             |                |  |  |  |        |         |  |  |                |  |           |             |             |  |        |          |          |          |                |  |           |            |             |  |         |         |         |         |                |  |           |             |             |  |           |         |          |         |                |  |           |            |             |  |          |         |          |         |                |  |           |            |             |  |        |          |         |          |                |
| Monday                            | 3ab ŠP5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |             | Mgr. Drabiščák |  |  |  |        |         |  |  |                |  |           |             |             |  |        |          |          |          |                |  |           |            |             |  |         |         |         |         |                |  |           |             |             |  |           |         |          |         |                |  |           |            |             |  |          |         |          |         |                |  |           |            |             |  |        |          |         |          |                |
|                                   | 8,00-9,30                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 10,00-11,30                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 11,45-13,15 |                |  |  |  |        |         |  |  |                |  |           |             |             |  |        |          |          |          |                |  |           |            |             |  |         |         |         |         |                |  |           |             |             |  |           |         |          |         |                |  |           |            |             |  |          |         |          |         |                |  |           |            |             |  |        |          |         |          |                |
| Monday                            | 16ab ŠP3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 10ab ŠP3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 15ab ŠP3    | prof. Rimárová |  |  |  |        |         |  |  |                |  |           |             |             |  |        |          |          |          |                |  |           |            |             |  |         |         |         |         |                |  |           |             |             |  |           |         |          |         |                |  |           |            |             |  |          |         |          |         |                |  |           |            |             |  |        |          |         |          |                |
|                                   | 8,00-9,30                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 9,45-11,15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 11,30-13,00 |                |  |  |  |        |         |  |  |                |  |           |             |             |  |        |          |          |          |                |  |           |            |             |  |         |         |         |         |                |  |           |             |             |  |           |         |          |         |                |  |           |            |             |  |          |         |          |         |                |  |           |            |             |  |        |          |         |          |                |
| Tuesday                           | 9ab ŠP3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 5ab ŠP3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 8ab ŠP3     | prof. Rimárová |  |  |  |        |         |  |  |                |  |           |             |             |  |        |          |          |          |                |  |           |            |             |  |         |         |         |         |                |  |           |             |             |  |           |         |          |         |                |  |           |            |             |  |          |         |          |         |                |  |           |            |             |  |        |          |         |          |                |
|                                   | 8,00-9,30                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 10,00-11,30                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 11,45-13,15 |                |  |  |  |        |         |  |  |                |  |           |             |             |  |        |          |          |          |                |  |           |            |             |  |         |         |         |         |                |  |           |             |             |  |           |         |          |         |                |  |           |            |             |  |          |         |          |         |                |  |           |            |             |  |        |          |         |          |                |
| Wednesday                         | 7ab ŠP3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 13ab ŠP3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 4ab ŠP3     | prof. Rimárová |  |  |  |        |         |  |  |                |  |           |             |             |  |        |          |          |          |                |  |           |            |             |  |         |         |         |         |                |  |           |             |             |  |           |         |          |         |                |  |           |            |             |  |          |         |          |         |                |  |           |            |             |  |        |          |         |          |                |
|                                   | 8,00-9,30                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 9,45-11,15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 11,30-13,00 |                |  |  |  |        |         |  |  |                |  |           |             |             |  |        |          |          |          |                |  |           |            |             |  |         |         |         |         |                |  |           |             |             |  |           |         |          |         |                |  |           |            |             |  |          |         |          |         |                |  |           |            |             |  |        |          |         |          |                |
| Thursday                          | 2ab ŠP3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 12ab ŠP3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 6ab ŠP3     | prof. Rimárová |  |  |  |        |         |  |  |                |  |           |             |             |  |        |          |          |          |                |  |           |            |             |  |         |         |         |         |                |  |           |             |             |  |           |         |          |         |                |  |           |            |             |  |          |         |          |         |                |  |           |            |             |  |        |          |         |          |                |
|                                   | 8,00-9,30                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 9,45-11,15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 11,30-13,00 |                |  |  |  |        |         |  |  |                |  |           |             |             |  |        |          |          |          |                |  |           |            |             |  |         |         |         |         |                |  |           |             |             |  |           |         |          |         |                |  |           |            |             |  |          |         |          |         |                |  |           |            |             |  |        |          |         |          |                |
| Friday                            | 11ab ŠP3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 1ab ŠP3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 14ab ŠP3    | prof. Rimárová |  |  |  |        |         |  |  |                |  |           |             |             |  |        |          |          |          |                |  |           |            |             |  |         |         |         |         |                |  |           |             |             |  |           |         |          |         |                |  |           |            |             |  |          |         |          |         |                |  |           |            |             |  |        |          |         |          |                |
| 4.<br>6.3.<br>–<br>10.3.<br>2023  | <p>Vitamins, water soluble, fat soluble vitamins A,D,E,K. Hypovitaminosis, avitaminosis, hyper – vitaminosis.</p> <p>Mineral substances in nutrition: phosphorus, calcium, magnesium, iron, iodine, flour, selenium, zinc.</p> <p>Chemical food contamination - mercury, lead, cadmium, pesticides. Possible field visit.</p>                                                                                                                                                                                                | <table><tr><td></td><td>8,00-9,30</td><td></td><td></td><td></td></tr><tr><td>Monday</td><td>3ab ŠP5</td><td></td><td></td><td>Mgr. Drabiščák</td></tr><tr><td></td><td>8,00-9,30</td><td>10,00-11,30</td><td>11,45-13,15</td><td></td></tr><tr><td>Monday</td><td>16ab ŠP3</td><td>10ab ŠP3</td><td>15ab ŠP3</td><td>prof. Rimárová</td></tr><tr><td></td><td>8,00-9,30</td><td>9,45-11,15</td><td>11,30-13,00</td><td></td></tr><tr><td>Tuesday</td><td>9ab ŠP3</td><td>5ab ŠP3</td><td>8ab ŠP3</td><td>prof. Rimárová</td></tr><tr><td></td><td>8,00-9,30</td><td>10,00-11,30</td><td>11,45-13,15</td><td></td></tr><tr><td>Wednesday</td><td>7ab ŠP3</td><td>13ab ŠP3</td><td>4ab ŠP3</td><td>prof. Rimárová</td></tr><tr><td></td><td>8,00-9,30</td><td>9,45-11,15</td><td>11,30-13,00</td><td></td></tr><tr><td>Thursday</td><td>2ab ŠP3</td><td>12ab ŠP3</td><td>6ab ŠP3</td><td>prof. Rimárová</td></tr><tr><td></td><td>8,00-9,30</td><td>9,45-11,15</td><td>11,30-13,00</td><td></td></tr><tr><td>Friday</td><td>11ab ŠP3</td><td>1ab ŠP3</td><td>14ab ŠP3</td><td>prof. Kimáková</td></tr></table> |             | 8,00-9,30      |  |  |  | Monday | 3ab ŠP5 |  |  | Mgr. Drabiščák |  | 8,00-9,30 | 10,00-11,30 | 11,45-13,15 |  | Monday | 16ab ŠP3 | 10ab ŠP3 | 15ab ŠP3 | prof. Rimárová |  | 8,00-9,30 | 9,45-11,15 | 11,30-13,00 |  | Tuesday | 9ab ŠP3 | 5ab ŠP3 | 8ab ŠP3 | prof. Rimárová |  | 8,00-9,30 | 10,00-11,30 | 11,45-13,15 |  | Wednesday | 7ab ŠP3 | 13ab ŠP3 | 4ab ŠP3 | prof. Rimárová |  | 8,00-9,30 | 9,45-11,15 | 11,30-13,00 |  | Thursday | 2ab ŠP3 | 12ab ŠP3 | 6ab ŠP3 | prof. Rimárová |  | 8,00-9,30 | 9,45-11,15 | 11,30-13,00 |  | Friday | 11ab ŠP3 | 1ab ŠP3 | 14ab ŠP3 | prof. Kimáková |
|                                   | 8,00-9,30                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |             |                |  |  |  |        |         |  |  |                |  |           |             |             |  |        |          |          |          |                |  |           |            |             |  |         |         |         |         |                |  |           |             |             |  |           |         |          |         |                |  |           |            |             |  |          |         |          |         |                |  |           |            |             |  |        |          |         |          |                |
| Monday                            | 3ab ŠP5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |             | Mgr. Drabiščák |  |  |  |        |         |  |  |                |  |           |             |             |  |        |          |          |          |                |  |           |            |             |  |         |         |         |         |                |  |           |             |             |  |           |         |          |         |                |  |           |            |             |  |          |         |          |         |                |  |           |            |             |  |        |          |         |          |                |
|                                   | 8,00-9,30                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 10,00-11,30                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 11,45-13,15 |                |  |  |  |        |         |  |  |                |  |           |             |             |  |        |          |          |          |                |  |           |            |             |  |         |         |         |         |                |  |           |             |             |  |           |         |          |         |                |  |           |            |             |  |          |         |          |         |                |  |           |            |             |  |        |          |         |          |                |
| Monday                            | 16ab ŠP3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 10ab ŠP3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 15ab ŠP3    | prof. Rimárová |  |  |  |        |         |  |  |                |  |           |             |             |  |        |          |          |          |                |  |           |            |             |  |         |         |         |         |                |  |           |             |             |  |           |         |          |         |                |  |           |            |             |  |          |         |          |         |                |  |           |            |             |  |        |          |         |          |                |
|                                   | 8,00-9,30                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 9,45-11,15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 11,30-13,00 |                |  |  |  |        |         |  |  |                |  |           |             |             |  |        |          |          |          |                |  |           |            |             |  |         |         |         |         |                |  |           |             |             |  |           |         |          |         |                |  |           |            |             |  |          |         |          |         |                |  |           |            |             |  |        |          |         |          |                |
| Tuesday                           | 9ab ŠP3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 5ab ŠP3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 8ab ŠP3     | prof. Rimárová |  |  |  |        |         |  |  |                |  |           |             |             |  |        |          |          |          |                |  |           |            |             |  |         |         |         |         |                |  |           |             |             |  |           |         |          |         |                |  |           |            |             |  |          |         |          |         |                |  |           |            |             |  |        |          |         |          |                |
|                                   | 8,00-9,30                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 10,00-11,30                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 11,45-13,15 |                |  |  |  |        |         |  |  |                |  |           |             |             |  |        |          |          |          |                |  |           |            |             |  |         |         |         |         |                |  |           |             |             |  |           |         |          |         |                |  |           |            |             |  |          |         |          |         |                |  |           |            |             |  |        |          |         |          |                |
| Wednesday                         | 7ab ŠP3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 13ab ŠP3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 4ab ŠP3     | prof. Rimárová |  |  |  |        |         |  |  |                |  |           |             |             |  |        |          |          |          |                |  |           |            |             |  |         |         |         |         |                |  |           |             |             |  |           |         |          |         |                |  |           |            |             |  |          |         |          |         |                |  |           |            |             |  |        |          |         |          |                |
|                                   | 8,00-9,30                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 9,45-11,15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 11,30-13,00 |                |  |  |  |        |         |  |  |                |  |           |             |             |  |        |          |          |          |                |  |           |            |             |  |         |         |         |         |                |  |           |             |             |  |           |         |          |         |                |  |           |            |             |  |          |         |          |         |                |  |           |            |             |  |        |          |         |          |                |
| Thursday                          | 2ab ŠP3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 12ab ŠP3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 6ab ŠP3     | prof. Rimárová |  |  |  |        |         |  |  |                |  |           |             |             |  |        |          |          |          |                |  |           |            |             |  |         |         |         |         |                |  |           |             |             |  |           |         |          |         |                |  |           |            |             |  |          |         |          |         |                |  |           |            |             |  |        |          |         |          |                |
|                                   | 8,00-9,30                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 9,45-11,15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 11,30-13,00 |                |  |  |  |        |         |  |  |                |  |           |             |             |  |        |          |          |          |                |  |           |            |             |  |         |         |         |         |                |  |           |             |             |  |           |         |          |         |                |  |           |            |             |  |          |         |          |         |                |  |           |            |             |  |        |          |         |          |                |
| Friday                            | 11ab ŠP3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 1ab ŠP3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 14ab ŠP3    | prof. Kimáková |  |  |  |        |         |  |  |                |  |           |             |             |  |        |          |          |          |                |  |           |            |             |  |         |         |         |         |                |  |           |             |             |  |           |         |          |         |                |  |           |            |             |  |          |         |          |         |                |  |           |            |             |  |        |          |         |          |                |
| 5.<br>13.3.<br>–<br>17.3.<br>2023 | <p>Lipids and fats in nutrition. Saccharides, rec. daily allowances Proteins and malnutrition, marasmus and kwashiorkor. Vegetarian diet. Advantages and disadvantages. Limited amino acids.</p> <p>Nutrition and oral health, nutritional status of population and methods for assessment.</p> <p>Possible field visit.</p>                                                                                                                                                                                                 | <table><tr><td></td><td>8,00-9,30</td><td></td><td></td><td></td></tr><tr><td>Monday</td><td>3ab ŠP5</td><td></td><td></td><td>prof. Kimáková</td></tr><tr><td></td><td>8,00-9,30</td><td>10,00-11,30</td><td>11,45-13,15</td><td></td></tr><tr><td>Monday</td><td>16ab ŠP3</td><td>10ab ŠP3</td><td>15ab ŠP3</td><td>MVDr. Sulínová</td></tr><tr><td></td><td>8,00-9,30</td><td>9,45-11,15</td><td>11,30-13,00</td><td></td></tr><tr><td>Tuesday</td><td>9ab ŠP3</td><td>5ab ŠP3</td><td>8ab ŠP3</td><td>MVDr. Sulínová</td></tr><tr><td></td><td>8,00-9,30</td><td>10,00-11,30</td><td>11,45-13,15</td><td></td></tr><tr><td>Wednesday</td><td>7ab ŠP3</td><td>13ab ŠP3</td><td>4ab ŠP3</td><td>MVDr. Sulínová</td></tr><tr><td></td><td>8,00-9,30</td><td>9,45-11,15</td><td>11,30-13,00</td><td></td></tr><tr><td>Thursday</td><td>2ab ŠP3</td><td>12ab ŠP3</td><td>6ab ŠP3</td><td>prof. Kimáková</td></tr><tr><td></td><td>8,00-9,30</td><td>9,45-11,15</td><td>11,30-13,00</td><td></td></tr><tr><td>Friday</td><td>11ab ŠP3</td><td>1ab ŠP3</td><td>14ab ŠP3</td><td>MVDr. Sulínová</td></tr></table> |             | 8,00-9,30      |  |  |  | Monday | 3ab ŠP5 |  |  | prof. Kimáková |  | 8,00-9,30 | 10,00-11,30 | 11,45-13,15 |  | Monday | 16ab ŠP3 | 10ab ŠP3 | 15ab ŠP3 | MVDr. Sulínová |  | 8,00-9,30 | 9,45-11,15 | 11,30-13,00 |  | Tuesday | 9ab ŠP3 | 5ab ŠP3 | 8ab ŠP3 | MVDr. Sulínová |  | 8,00-9,30 | 10,00-11,30 | 11,45-13,15 |  | Wednesday | 7ab ŠP3 | 13ab ŠP3 | 4ab ŠP3 | MVDr. Sulínová |  | 8,00-9,30 | 9,45-11,15 | 11,30-13,00 |  | Thursday | 2ab ŠP3 | 12ab ŠP3 | 6ab ŠP3 | prof. Kimáková |  | 8,00-9,30 | 9,45-11,15 | 11,30-13,00 |  | Friday | 11ab ŠP3 | 1ab ŠP3 | 14ab ŠP3 | MVDr. Sulínová |
|                                   | 8,00-9,30                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |             |                |  |  |  |        |         |  |  |                |  |           |             |             |  |        |          |          |          |                |  |           |            |             |  |         |         |         |         |                |  |           |             |             |  |           |         |          |         |                |  |           |            |             |  |          |         |          |         |                |  |           |            |             |  |        |          |         |          |                |
| Monday                            | 3ab ŠP5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |             | prof. Kimáková |  |  |  |        |         |  |  |                |  |           |             |             |  |        |          |          |          |                |  |           |            |             |  |         |         |         |         |                |  |           |             |             |  |           |         |          |         |                |  |           |            |             |  |          |         |          |         |                |  |           |            |             |  |        |          |         |          |                |
|                                   | 8,00-9,30                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 10,00-11,30                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 11,45-13,15 |                |  |  |  |        |         |  |  |                |  |           |             |             |  |        |          |          |          |                |  |           |            |             |  |         |         |         |         |                |  |           |             |             |  |           |         |          |         |                |  |           |            |             |  |          |         |          |         |                |  |           |            |             |  |        |          |         |          |                |
| Monday                            | 16ab ŠP3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 10ab ŠP3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 15ab ŠP3    | MVDr. Sulínová |  |  |  |        |         |  |  |                |  |           |             |             |  |        |          |          |          |                |  |           |            |             |  |         |         |         |         |                |  |           |             |             |  |           |         |          |         |                |  |           |            |             |  |          |         |          |         |                |  |           |            |             |  |        |          |         |          |                |
|                                   | 8,00-9,30                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 9,45-11,15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 11,30-13,00 |                |  |  |  |        |         |  |  |                |  |           |             |             |  |        |          |          |          |                |  |           |            |             |  |         |         |         |         |                |  |           |             |             |  |           |         |          |         |                |  |           |            |             |  |          |         |          |         |                |  |           |            |             |  |        |          |         |          |                |
| Tuesday                           | 9ab ŠP3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 5ab ŠP3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 8ab ŠP3     | MVDr. Sulínová |  |  |  |        |         |  |  |                |  |           |             |             |  |        |          |          |          |                |  |           |            |             |  |         |         |         |         |                |  |           |             |             |  |           |         |          |         |                |  |           |            |             |  |          |         |          |         |                |  |           |            |             |  |        |          |         |          |                |
|                                   | 8,00-9,30                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 10,00-11,30                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 11,45-13,15 |                |  |  |  |        |         |  |  |                |  |           |             |             |  |        |          |          |          |                |  |           |            |             |  |         |         |         |         |                |  |           |             |             |  |           |         |          |         |                |  |           |            |             |  |          |         |          |         |                |  |           |            |             |  |        |          |         |          |                |
| Wednesday                         | 7ab ŠP3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 13ab ŠP3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 4ab ŠP3     | MVDr. Sulínová |  |  |  |        |         |  |  |                |  |           |             |             |  |        |          |          |          |                |  |           |            |             |  |         |         |         |         |                |  |           |             |             |  |           |         |          |         |                |  |           |            |             |  |          |         |          |         |                |  |           |            |             |  |        |          |         |          |                |
|                                   | 8,00-9,30                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 9,45-11,15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 11,30-13,00 |                |  |  |  |        |         |  |  |                |  |           |             |             |  |        |          |          |          |                |  |           |            |             |  |         |         |         |         |                |  |           |             |             |  |           |         |          |         |                |  |           |            |             |  |          |         |          |         |                |  |           |            |             |  |        |          |         |          |                |
| Thursday                          | 2ab ŠP3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 12ab ŠP3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 6ab ŠP3     | prof. Kimáková |  |  |  |        |         |  |  |                |  |           |             |             |  |        |          |          |          |                |  |           |            |             |  |         |         |         |         |                |  |           |             |             |  |           |         |          |         |                |  |           |            |             |  |          |         |          |         |                |  |           |            |             |  |        |          |         |          |                |
|                                   | 8,00-9,30                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 9,45-11,15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 11,30-13,00 |                |  |  |  |        |         |  |  |                |  |           |             |             |  |        |          |          |          |                |  |           |            |             |  |         |         |         |         |                |  |           |             |             |  |           |         |          |         |                |  |           |            |             |  |          |         |          |         |                |  |           |            |             |  |        |          |         |          |                |
| Friday                            | 11ab ŠP3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 1ab ŠP3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 14ab ŠP3    | MVDr. Sulínová |  |  |  |        |         |  |  |                |  |           |             |             |  |        |          |          |          |                |  |           |            |             |  |         |         |         |         |                |  |           |             |             |  |           |         |          |         |                |  |           |            |             |  |          |         |          |         |                |  |           |            |             |  |        |          |         |          |                |

|                                   |                                                                                                                                                                                                                                                                                                                                                                                  |                  |                    |                    |
|-----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|--------------------|--------------------|
| 6.<br>20.3.<br>–<br>24.3.<br>2023 | Climate factors, air pollution, generally. Smog categorization, London smog, Los Angeles smog. Greenhouse effect, ozone hole. Global atmospheric issues. Indoor pollution – allergens, cooking gas, radon emissions, formaldehyde, ammonium passive smoking, bacteria, fungi.<br>Possible field visit.                                                                           |                  |                    |                    |
|                                   |                                                                                                                                                                                                                                                                                                                                                                                  | <b>8,00-9,30</b> |                    |                    |
|                                   | Monday                                                                                                                                                                                                                                                                                                                                                                           | <b>3ab</b> ŠP5   |                    | MVDr. Sulínová     |
|                                   |                                                                                                                                                                                                                                                                                                                                                                                  | <b>8,00-9,30</b> | <b>10,00-11,30</b> | <b>11,45-13,15</b> |
|                                   | Monday                                                                                                                                                                                                                                                                                                                                                                           | <b>16ab</b> ŠP3  | <b>10ab</b> ŠP3    | <b>15ab</b> ŠP3    |
|                                   |                                                                                                                                                                                                                                                                                                                                                                                  | <b>8,00-9,30</b> | <b>9,45-11,15</b>  | <b>11,30-13,00</b> |
|                                   | Tuesday                                                                                                                                                                                                                                                                                                                                                                          | <b>9ab</b> ŠP3   | <b>5ab</b> ŠP3     | <b>8ab</b> ŠP3     |
|                                   |                                                                                                                                                                                                                                                                                                                                                                                  | <b>8,00-9,30</b> | <b>10,00-11,30</b> | <b>11,45-13,15</b> |
|                                   | Wednesday                                                                                                                                                                                                                                                                                                                                                                        | <b>7ab</b> ŠP3   | <b>13ab</b> ŠP3    | <b>4ab</b> ŠP3     |
|                                   |                                                                                                                                                                                                                                                                                                                                                                                  | <b>8,00-9,30</b> | <b>9,45-11,15</b>  | <b>11,30-13,00</b> |
| 7.<br>27.3.<br>–<br>31.3.<br>2023 | Thursday                                                                                                                                                                                                                                                                                                                                                                         | <b>2ab</b> ŠP3   | <b>12ab</b> ŠP3    | <b>6ab</b> ŠP3     |
|                                   |                                                                                                                                                                                                                                                                                                                                                                                  | prof. Kimáková   | MVDr. Sulínová     | MVDr. Sulínová     |
|                                   |                                                                                                                                                                                                                                                                                                                                                                                  | <b>8,00-9,30</b> | <b>9,45-11,15</b>  | <b>11,30-13,00</b> |
|                                   | Friday                                                                                                                                                                                                                                                                                                                                                                           | <b>11ab</b> ŠP3  | <b>1ab</b> ŠP3     | <b>14ab</b> ŠP3    |
|                                   |                                                                                                                                                                                                                                                                                                                                                                                  |                  |                    | prof. Kimáková     |
|                                   |                                                                                                                                                                                                                                                                                                                                                                                  |                  |                    |                    |
|                                   | Evaluation of child's growth, BMI, Rohrer's index, Brugh's index. Biological age, bone age, tooth age, primary and secondary sexual signs. Hygienic requirements on the organization and equipment on child's collective facilities, day nurseries, kindergartens, hygienic requirements, organization of educational process, Healthy schools. Visiting kindergarten or school. |                  |                    |                    |
|                                   |                                                                                                                                                                                                                                                                                                                                                                                  | <b>8,00-9,30</b> |                    |                    |
|                                   | Monday                                                                                                                                                                                                                                                                                                                                                                           | <b>3ab</b> ŠP5   |                    | Mgr. Drabiščák     |
|                                   |                                                                                                                                                                                                                                                                                                                                                                                  | <b>8,00-9,30</b> | <b>10,00-11,30</b> | <b>11,45-13,15</b> |
| 8.<br>3.4.<br>–<br>7.4.<br>2023   | Monday                                                                                                                                                                                                                                                                                                                                                                           | <b>16ab</b> ŠP3  | <b>10ab</b> ŠP3    | <b>15ab</b> ŠP3    |
|                                   |                                                                                                                                                                                                                                                                                                                                                                                  | <b>8,00-9,30</b> | <b>9,45-11,15</b>  | <b>11,30-13,00</b> |
|                                   | Tuesday                                                                                                                                                                                                                                                                                                                                                                          | <b>9ab</b> ŠP3   | <b>5ab</b> ŠP3     | <b>8ab</b> ŠP3     |
|                                   |                                                                                                                                                                                                                                                                                                                                                                                  | <b>8,00-9,30</b> | <b>10,00-11,30</b> | <b>11,45-13,15</b> |
|                                   | Wednesday                                                                                                                                                                                                                                                                                                                                                                        | <b>7ab</b> ŠP3   | <b>13ab</b> ŠP3    | <b>4ab</b> ŠP3     |
|                                   |                                                                                                                                                                                                                                                                                                                                                                                  | <b>8,00-9,30</b> | <b>9,45-11,15</b>  | <b>11,30-13,00</b> |
|                                   | Thursday                                                                                                                                                                                                                                                                                                                                                                         | <b>2ab</b> ŠP3   | <b>12ab</b> ŠP3    | <b>6ab</b> ŠP3     |
|                                   |                                                                                                                                                                                                                                                                                                                                                                                  | <b>8,00-9,30</b> | <b>9,45-11,15</b>  | <b>11,30-13,00</b> |
|                                   | Friday                                                                                                                                                                                                                                                                                                                                                                           | <b>11ab</b> ŠP3  | <b>1ab</b> ŠP3     | <b>14ab</b> ŠP3    |
|                                   |                                                                                                                                                                                                                                                                                                                                                                                  |                  |                    | MVDr. Sulínová     |
|                                   | Heavy metals – lead, mercury, cadmium, arsenic, chromium, nickel.<br>Heavy metals, chromium, nickel, manganese, selenium, beryllium.<br>Biologic agents in the workplace.<br>Dust and fumes, silicosis, asbestosis, non fibrogenic agents, pneumoconiosis.<br>Visible light effect. Possible field visit.                                                                        |                  |                    |                    |
|                                   |                                                                                                                                                                                                                                                                                                                                                                                  | <b>8,00-9,30</b> |                    |                    |
|                                   | Monday                                                                                                                                                                                                                                                                                                                                                                           | <b>3ab</b> ŠP5   |                    | MVDr. Sulínová     |
|                                   |                                                                                                                                                                                                                                                                                                                                                                                  | <b>8,00-9,30</b> | <b>10,00-11,30</b> | <b>11,45-13,15</b> |
|                                   | Monday                                                                                                                                                                                                                                                                                                                                                                           | <b>16ab</b> ŠP3  | <b>10ab</b> ŠP3    | <b>15ab</b> ŠP3    |
|                                   |                                                                                                                                                                                                                                                                                                                                                                                  | <b>8,00-9,30</b> | <b>9,45-11,15</b>  | <b>11,30-13,00</b> |
|                                   | Tuesday                                                                                                                                                                                                                                                                                                                                                                          | <b>9ab</b> ŠP3   | <b>5ab</b> ŠP3     | <b>8ab</b> ŠP3     |
|                                   |                                                                                                                                                                                                                                                                                                                                                                                  | <b>8,00-9,30</b> | <b>10,00-11,30</b> | <b>11,45-13,15</b> |
|                                   | Wednesday                                                                                                                                                                                                                                                                                                                                                                        | <b>7ab</b> ŠP3   | <b>13ab</b> ŠP3    | <b>4ab</b> ŠP3     |
|                                   |                                                                                                                                                                                                                                                                                                                                                                                  | <b>8,00-9,30</b> | <b>9,45-11,15</b>  | <b>11,30-13,00</b> |
|                                   | Thursday                                                                                                                                                                                                                                                                                                                                                                         | <b>2ab</b> ŠP3   | <b>12ab</b> ŠP3    | <b>6ab</b> ŠP3     |
|                                   |                                                                                                                                                                                                                                                                                                                                                                                  |                  |                    | Mgr. Drabiščák     |
|                                   | Friday                                                                                                                                                                                                                                                                                                                                                                           | -                | -                  | -                  |

|                                    |                                                                                                                                                                                                                                                                                                                                                                                |                       |                         |                         |
|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|-------------------------|-------------------------|
| 9.<br>10.4.<br>–<br>14.4<br>2023   | Food quality assessment. Principles of chemical and microbiological food quality Risk of communicable disease from food – biological contamination of food. Solid waste management. Possible field visit.                                                                                                                                                                      |                       |                         |                         |
|                                    | Monday                                                                                                                                                                                                                                                                                                                                                                         | -                     |                         |                         |
|                                    | Monday                                                                                                                                                                                                                                                                                                                                                                         | -                     | -                       | -                       |
|                                    |                                                                                                                                                                                                                                                                                                                                                                                | 8,00-9,30             | 9,45-11,15              | 11,30-13,00             |
|                                    | Tuesday                                                                                                                                                                                                                                                                                                                                                                        | 9ab ŠP3               | 5ab ŠP3                 | 8ab ŠP3                 |
|                                    |                                                                                                                                                                                                                                                                                                                                                                                | 8,00-9,30             | 10,00-11,30             | 11,45-13,15             |
|                                    | Wednesday                                                                                                                                                                                                                                                                                                                                                                      | 7ab ŠP3               | 13ab ŠP3                | 4ab ŠP3                 |
|                                    |                                                                                                                                                                                                                                                                                                                                                                                | 8,00-9,30             | 9,45-11,15              | 11,30-13,00             |
|                                    | Thursday                                                                                                                                                                                                                                                                                                                                                                       | 2ab ŠP3               | 12ab ŠP3                | 6ab ŠP3                 |
|                                    |                                                                                                                                                                                                                                                                                                                                                                                | 8,00-9,30             | 9,45-11,15              | 11,30-13,00             |
|                                    | Friday                                                                                                                                                                                                                                                                                                                                                                         | 11ab ŠP3              | 1ab ŠP3                 | 14ab ŠP3                |
|                                    |                                                                                                                                                                                                                                                                                                                                                                                |                       |                         |                         |
|                                    |                                                                                                                                                                                                                                                                                                                                                                                |                       |                         |                         |
| 10.<br>17.4.<br>-<br>21.4.<br>2023 | Assessment of the nutritional status of population. BMI index standards and values, WHR index standards and values. Measuring body fat.<br>Health and nutritional status of population, methods for assessment, energetic and biologic value of food.                                                                                                                          |                       |                         |                         |
|                                    | Monday                                                                                                                                                                                                                                                                                                                                                                         | 8,00-9,30<br>3ab ŠP5  |                         | prof. Rimárová          |
|                                    | Monday                                                                                                                                                                                                                                                                                                                                                                         | 8,00-9,30<br>16ab ŠP3 | 10,00-11,30<br>10ab ŠP3 | 11,45-13,15<br>15ab ŠP3 |
|                                    | Tuesday                                                                                                                                                                                                                                                                                                                                                                        | 8,00-9,30<br>9ab ŠP3  | 9,45-11,15<br>5ab ŠP3   | 11,30-13,00<br>8ab ŠP3  |
|                                    | Wednesday                                                                                                                                                                                                                                                                                                                                                                      | 8,00-9,30<br>7ab ŠP3  | 10,00-11,30<br>13ab ŠP3 | 11,45-13,15<br>4ab ŠP3  |
|                                    | Thursday                                                                                                                                                                                                                                                                                                                                                                       | 8,00-9,30<br>2ab ŠP3  | 9,45-11,15<br>12ab ŠP3  | 11,30-13,00<br>6ab ŠP3  |
|                                    | Friday                                                                                                                                                                                                                                                                                                                                                                         | 8,00-9,30<br>11ab ŠP3 | 9,45-11,15<br>1ab ŠP3   | 11,30-13,00<br>14ab ŠP3 |
|                                    |                                                                                                                                                                                                                                                                                                                                                                                |                       |                         |                         |
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|                                    |                                                                                                                                                                                                                                                                                                                                                                                |                       |                         |                         |
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|                                    |                                                                                                                                                                                                                                                                                                                                                                                |                       |                         |                         |
|                                    |                                                                                                                                                                                                                                                                                                                                                                                |                       |                         |                         |
| 11.<br>24.4.<br>-<br>28.4.<br>2023 | Ionizing radiation – human exposure, stochastic and non-stochastic effect. Ultraviolet radiation. Infrared radiation and radiofrequencies and microwaves, lasers. Vibration Biologic effect of ionizing radiation acute and chronic effects, cancer.<br>Carcinogens, mutagens and teratogens, group A,B,C,D. Maximum allowable concentration Visiting public health institute. |                       |                         |                         |
|                                    | Monday                                                                                                                                                                                                                                                                                                                                                                         | 8,00-9,30<br>3ab ŠP5  |                         | prof. Rimárová          |
|                                    | Monday                                                                                                                                                                                                                                                                                                                                                                         | 8,00-9,30<br>16ab ŠP3 | 10,00-11,30<br>10ab ŠP3 | 11,45-13,15<br>15ab ŠP3 |
|                                    | Tuesday                                                                                                                                                                                                                                                                                                                                                                        | 8,00-9,30<br>9ab ŠP3  | 9,45-11,15<br>5ab ŠP3   | 11,30-13,00<br>8ab ŠP3  |
|                                    | Wednesday                                                                                                                                                                                                                                                                                                                                                                      | 8,00-9,30<br>7ab ŠP3  | 10,00-11,30<br>13ab ŠP3 | 11,45-13,15<br>4ab ŠP3  |
|                                    | Thursday                                                                                                                                                                                                                                                                                                                                                                       | 8,00-9,30<br>2ab ŠP3  | 9,45-11,15<br>12ab ŠP3  | 11,30-13,00<br>6ab ŠP3  |
|                                    | Friday                                                                                                                                                                                                                                                                                                                                                                         | 8,00-9,30<br>11ab ŠP3 | 9,45-11,15<br>1ab ŠP3   | 11,30-13,00<br>14ab ŠP3 |
|                                    |                                                                                                                                                                                                                                                                                                                                                                                |                       |                         |                         |
|                                    |                                                                                                                                                                                                                                                                                                                                                                                |                       |                         |                         |
|                                    |                                                                                                                                                                                                                                                                                                                                                                                |                       |                         |                         |
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|                                    |                                                                                                                                                                                                                                                                               |           |             |                |
|------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|----------------|
| 12.<br>1.5.<br>-<br>5.5.<br>2023   | Epidemiological studies – advantages and disadvantages.<br>Cross-sectional study. Case-control study. Longitudinal study.                                                                                                                                                     |           |             |                |
|                                    |                                                                                                                                                                                                                                                                               |           |             |                |
|                                    | Monday                                                                                                                                                                                                                                                                        | -         |             |                |
|                                    |                                                                                                                                                                                                                                                                               |           |             |                |
|                                    | Monday                                                                                                                                                                                                                                                                        | -         | -           | -              |
|                                    |                                                                                                                                                                                                                                                                               | 8,00-9,30 | 9,45-11,15  | 11,30-13,00    |
|                                    | Tuesday                                                                                                                                                                                                                                                                       | 9ab ŠP3   | 5ab ŠP3     | 8ab ŠP3        |
|                                    |                                                                                                                                                                                                                                                                               | 8,00-9,30 |             |                |
|                                    | Wednesday                                                                                                                                                                                                                                                                     | 3ab ŠP5   |             |                |
|                                    |                                                                                                                                                                                                                                                                               |           |             | prof. Kimáková |
| 13.<br>8.5.<br>-<br>12.5.<br>2023  | Occupational health in context with environmental health. Health impairment in the work environment.<br>Chemical factors, criteria for health impairment, selected suspect carcinogens. Asbestos exposure in occupational setting, in buildings, asbestos – related diseases. |           |             |                |
|                                    |                                                                                                                                                                                                                                                                               |           |             |                |
|                                    | Monday                                                                                                                                                                                                                                                                        | -         |             |                |
|                                    |                                                                                                                                                                                                                                                                               |           |             |                |
|                                    | Monday                                                                                                                                                                                                                                                                        | -         | -           | -              |
|                                    |                                                                                                                                                                                                                                                                               | 8,00-9,30 | 9,45-11,15  | 11,30-13,00    |
|                                    | Tuesday                                                                                                                                                                                                                                                                       | 9ab ŠP3   | 5ab ŠP3     | 8ab ŠP3        |
|                                    |                                                                                                                                                                                                                                                                               | 8,00-9,30 | 10,00-11,30 | 11,45-13,15    |
|                                    | Wednesday                                                                                                                                                                                                                                                                     | 7ab ŠP3   | 13ab ŠP3    | 4ab ŠP3        |
|                                    |                                                                                                                                                                                                                                                                               | 8,00-9,30 | 9,45-11,15  | 11,30-13,00    |
| 14.<br>15.5.<br>-<br>19.5.<br>2023 | Summary credits, preterm tests preparation.                                                                                                                                                                                                                                   |           |             |                |
|                                    |                                                                                                                                                                                                                                                                               | 8,00-9,30 |             |                |
|                                    | Monday                                                                                                                                                                                                                                                                        | 3ab ŠP5   |             |                |
|                                    |                                                                                                                                                                                                                                                                               | 8,00-9,30 | 10,00-11,30 | 11,45-13,15    |
|                                    | Monday                                                                                                                                                                                                                                                                        | 16ab ŠP3  | 10ab ŠP3    | 15ab ŠP3       |
|                                    |                                                                                                                                                                                                                                                                               | 8,00-9,30 | 9,45-11,15  | 11,30-13,00    |
|                                    | Tuesday                                                                                                                                                                                                                                                                       | 9ab ŠP3   | 5ab ŠP3     | 8ab ŠP3        |
|                                    |                                                                                                                                                                                                                                                                               | 8,00-9,30 | 10,00-11,30 | 11,45-13,15    |
|                                    | Wednesday                                                                                                                                                                                                                                                                     | 7ab ŠP3   | 13ab ŠP3    | 4ab ŠP3        |
|                                    |                                                                                                                                                                                                                                                                               | 8,00-9,30 | 9,45-11,15  | 11,30-13,00    |
|                                    |                                                                                                                                                                                                                                                                               |           |             |                |
|                                    |                                                                                                                                                                                                                                                                               | 8,00-9,30 | 9,45-11,15  | 11,30-13,00    |
|                                    | Thursday                                                                                                                                                                                                                                                                      | 2ab ŠP3   | 12ab ŠP3    | 6ab ŠP3        |
|                                    |                                                                                                                                                                                                                                                                               | 8,00-9,30 | 9,45-11,15  | 11,30-13,00    |
|                                    | Friday                                                                                                                                                                                                                                                                        | 11ab ŠP3  | 1ab ŠP3     | 14ab ŠP3       |
|                                    |                                                                                                                                                                                                                                                                               |           |             | prof. Kimáková |
|                                    |                                                                                                                                                                                                                                                                               |           |             |                |
|                                    |                                                                                                                                                                                                                                                                               |           |             |                |
|                                    |                                                                                                                                                                                                                                                                               |           |             |                |
|                                    |                                                                                                                                                                                                                                                                               |           |             |                |

Conditions for exam: Active participation on practicals

Topics in selected weeks are subject of the change due organization management.

Form of exam: Written, computerized ROGO

Condition for exam: maximum 2 absences on practical exercises during semester including week 14<sup>th</sup> (means from week 1 to week 13 maximum 1 absences)

Replacement of practical: Withing the same week and same topic student can replace practical wit another group

Literature: - compulsory

RIMÁROVÁ, K.: Environmental medicine – hygiene. Košice, Univerzita Pavla Jozefa Šafárika v Košiciach, 2006. - 148 s. - ISBN 80-7097-646-2.

RIMÁROVÁ, K.: Compendium of Hygiene. Košice, 2014.

doc. MUDr. Kvetoslava Rimárová, CSc. mim. prof.