



SYLLABUS FOR PRACTICALS OF EPIDEMIOLOGY FOR 5th CLASS DENTISTRY STUDENTS, ACADEMIC YEAR 2026/2027, WINTER

- 1A. Epidemiologic methods – introduction, definition, descriptive epidemiology (population data, data sources, incidence, rates of disease occurrence), diagnostic tests, analytic epidemiology (causality, measures of risk, interpretation of analysis), statistical significance.
- 1B. Interruption of transmission in health care facilities – disinfection and sterilization mainly in dentistry. Hand disinfection, sterilization of contaminated instruments used in dentistry, decontamination of surfaces.
- 2A. Evaluation of methods used in control of disinfection and sterilization. Nosocomial infections – general characteristics, occurrence, risk factors and prevention.
- 2B. Vaccination against communicable diseases (types of vaccination, regular vaccination schedule, vaccination against particular diseases – vaccine effectiveness – t-test).
3. Basic statistical indicators in epidemiology (population health indicators, oral health), reporting, time series. Information systems of communicable diseases. Epidemiological situation in Slovakia and in the world (working with internet data – EPIS, ECDC, WHO).

group 1					
14.10.2026	Wednesday	8:00 – 9:40	Kotrbcová	1B	Institute of Epidemiology
		10:10 – 11:50	Macášek	1A	Institute of Epidemiology
21.10.2026	Wednesday	8:00 – 9:40	Kotrbcová	2A	Institute of Epidemiology
		10:10 – 11:50	Mikulová	2B	Institute of Epidemiology
28.10.2026	Wednesday	8:00 – 11:50	Fulová	3	PC room, Moskovská 2, room 111

group 2					
23.9.2026	Wednesday	8:00 – 9:40	Kotrbcová	1B	Institute of Epidemiology
		10:10 – 11:50	Fulová	1A	Moskovská 2 (room 203)
30.9.2026	Wednesday	8:00 – 9:40	Kotrbcová	2A	Institute of Epidemiology
		10:10 – 11:50	Fulová	2B	PC room Odb.*
7.10.2026	Wednesday	8:00 – 11:50	Fulová	3	PC room, Moskovská 2, room 111

Institute of Epidemiology, Moskovská 3, ground floor

*PC room Odborárske námestie 14, 2nd floor (above the Institute of Immunology)