Univerzita Komenského
v Bratislave
Lekárska fakulta

Špitálska 24
813 72 Bratislava

Ústav epidemiológie
Moskovská 3

SYLLABUS FOR PRACTICALS OF EPIDEMIOLOGY FOR 5th CLASS GENERAL MEDICICNE STUDENTS, ACADEMIC YEAR 2026/2027

- **Epidemiologic situation of diseases** (Epid. sit.) – distribution of diseases (global, Europe), burden of diseases, indicators YLD, YLL, DALY, Information systems – surveillance of communicable diseases – epidemiologic situation in Slovakia and worldwide – working with current data from websites of WHO, ECDC and other online databases
- **Epidemiologic methods** (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

- **Epidemiologic studies** (Studies) – design, interpretation and application of findings in the evidence-based medicine
- **Clinical epidemiology** (Clinic. epid.) – application of epidemiology in clinical settings, clinical studies (design, limitations, interpretation of findings)

- **Application of epidemiology in clinical decision-making** (EBM) – practical examples of epidemiology providing a methodological toolkit for public health practice and health sciences
- **Field epidemiology** (Field epid.) – analysis of selected intestinal outbreaks – source of infection, routes of transmission, repressive and preventive measures

- **Introduction in health-care associated infections** (HAI) – incidence, risk factors, transmission, measures, prevention), nosocomial infection case study (simulation, epidemiologic analysis, measures); control of hand disinfection
- **Specific prophylaxis** (Spec. proph.) – active and passive immunization, vaccination strategies, regular vaccination schedules, evaluation of vaccination effectiveness to protect against infectious diseases

- **Emergency epidemiology and eradication programs** (Emergency epid.) – surveillance strategies and public health response in mass gatherings and complex emergency situations, global eradication and elimination programs

Rooms:
IE – Institute of Epidemiology, Moskovská 3
Mosk. 203 – Moskovská 2, room no. 203
Sim. – Department of simulation and virtual medical education, Moskovská 3
PC room Mosk 111. – Moskovská 2, room no. 111
PC room Odb.- PC room Odborárske námestie 14, 2nd floor (above the Institute of Immunology)

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Teachers:
AB – prof. MUDr. Alexandra Bražinová, PhD. MPH
MF – MUDr. Mgr. Miriam Fulová, PhD.
MK – Mgr. Martina Kotrbancová, PhD.
MM – Mgr. Michaela Mikulová, PhD.
ĽK – MUDr. Ľudmila Kutáková, PhD.
KP – Mgr. Katarína Poloncová, PhD.
PM – Mgr. Patrik Macášek, PhD.
HD – Mgr. Hana Dibalová, PhD.

Mo-Th: 1. topic: 8:00 – 10:00 2. topic: 10:30 – 12:40
Friday: 8:00 – 11:50

3.th week	**28.9.-2.10.**					
GM 2	topic	teacher	room	topic	teacher	room
Monday	Epid.sit.	PM	PC room Mosk.111	Methods	PM	PC room Mosk.111
Tuesday	Studies	KP	Mosk.203	Clinic.epid.	KP	Mosk.203
Wednesday	EBM	AB	PC room Mosk.111	Field epid.	KP	PC roomt Mosk.111
Thursday	HAI	ĽK	Simul.	Spec.proph.	MF	Mosk.203
Friday	Emergency epid.	MF	PC room Mosk.111			

4.th week	**5.10.-9.10.**					
GM 1	topic	teacher	room	topic	teacher	room
Monday	Epid.sit.	PM	PC room Mosk.111	Methods	PM	PC room Mosk.111
Tuesday	Studies	KP	IE	Clinic.epid.	KP	IE
Wednesday	Field epid.	MK	IE	EBM	AB	IE
Thursday	HAI	ĽK	Simul.	Spec.proph.	ĽK	IE
Friday	Emergency epid.	MF	Mosk.203			

6.th week	**19.10.-23.10.**					
GM 3	topic	teacher	room	topic	teacher	room
Monday	Epid.sit.	PM	PC room Mosk.111	Methods	PM	PC room Mosk.111
Tuesday	Studies	KP	Mosk.203	Clinic.epid.	KP	Mosk.203
Wednesday	EBM	AB	PC room Mosk.111	Field epid.	KP	PC room Mosk.111
Thursday	HAI	HD	Simul.	Spec.proph.	MF	Mosk.203
Friday	Emergency epid.	MF	Mosk. 203			

8.th week	**2.11.-6.11.**					
GM 4	topic	teacher	room	topic	teacher	room
Monday	**DAY OFF**					
Tuesday	Epid.sit.+Methods	PM	PC room Mosk.111	Studies+Clinic.epid.	KP	IE
Wednesday	EBM	AB	IE	Field epid.	MK	IE
Thursday	HAI	ĽK	Simul.	Spec.proph.	ĽK	IE
Friday	Emergency epid.	MF	Mosk.203			

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9.th week	**9.11.-13.11.**					
GM 6	topic	teacher	room	topic	teacher	room
Monday	Epid.sit.	PM	PC room Odb.	Methods	PM	PC room Odb.
Tuesday	Studies	KP	Mosk.203	Clinic.epid.	KP	Mosk.203
Wednesday	Spec.proph.	MF	Mosk.203	Field epid.	MK	Mosk.203
Thursday	HAI	ĽK	Simul.	EBM	AB	IE
Friday	Emergency epid.	MF	Mosk.203			

11. week	**23.11.-27.11.**					
GM 5	topic	teacher	room	topic	teacher	room
Monday	Epid.sit.	MF	PC room Mosk.111	Methods	MF	PC room Mosk.111
Tuesday	Studies	KP	IE	Clinic.epid.	KP	IE
Wednesday	EBM	AB	IE	Field. epid.	KP	IE
Thursday	HAI	ĽK	Simul.	Spec.proph.	MM	IE
Friday	Emergency epid.	MF	IE			