

Name of university, Name of faculty: Trnava University
Faculty of Health Care and Social Work

INFORMATION SHEET OF THE SUBJECT

Code: VZM23	Name: Information technologies in VZ		
Cover: Department of Public Health			
Type of educational activity: Practise Scope of educational activity (in hours): Weekly: 2 For term of study: ZS 46 Method of educational activity:		Number of credits: 3	Recommended semester: WT
			Study grade: Master
Recommended semester	Study programme		
1.year WT	Public Health (D2-VZ-22) Public Health (D2-VZ-22-K)		
Underlie subjects:			
Conditions for passing the course: Method of evaluation: Completion by taking an examination Continuous evaluation: Final evaluation: Final evaluation: 70% preparation of the seminar work, 30% from the presentation of the seminar work. With online teaching Final assessment: 70% preparation of the seminar work, 30% from the presentation of the seminar work. To get an A rating, you need to get at least 95%, to get a B rating at least 89%, for a C rating at least 83%, for a D rating at least 77%, for an E rating at least 71%.			
Finished: Exam			
Learning outcomes: Prepare and inform about the conscious use of information resources; students will be able to monitor and evaluate developments in the field of health informatics and co-decide on its application in health care and support, especially in the field of health care. They will use information technology to support their professional practice and decision-making, especially in the area of VZ, also when working on projects, for communication between colleagues at home and abroad Informatization of health care is currently a fundamental trend that not only determines the way of development of the health care information system, but will significantly affect the health care industry as a whole.			
Schedule of subject: 1. History of medical informatics 2. Implementation of information technologies in the treatment process 3. Direction of medical informatics 4. Interaction with related fields 5. Objectives of eHealth 6. Principles of building eHealth 7. Electronic healthcare in Slovakia eHealth 8. Health prevention and information technology 9. National health portal and other portals to promote health and information 10. legislative support for computerization 11. eHealth abroad 12. Information technologies in healthcare in the future			
Recommended reading: Strategické ciele eHealth, Dostupné: http://www.ezdravotnictvo.sk EurActiv.com, Dostupné: http://www.euractiv.com/topics/e-health/ Národný inštitút zdravia, Dostupné: http://www.niz.sk/ Sprava o stave zdravotníctva na Slovensku, Dostupné: http://www.health.gov.sk/Zdroje7/dokumenty/ Národné centrum zdravotníckych informácií, Dostupné: http://www.nczisk.sk/Pages/default.aspx			
Language requirements: Slovak			

Notes:

Attendance at lectures is determined by the instructor, while attendance at seminars and practical classes is mandatory. Each student is entitled to one unexcused absence per semester. In the event of any further absence, the student will be assigned a make-up task.

If a student misses more than two class sessions in a semester—regardless of the reason for the absence—they must submit a written request (not via email) to the Dean of the Faculty to have their absence excused, attaching relevant documentation for the third and every subsequent absence.

For the full-time combined study mode, the instructor may accept student absences totaling up to 25% of the scheduled in-person classes for the semester. A student exceeding this 25% absence limit must submit a written request (not via email) to the Dean of the Faculty to have their absence excused and must attach relevant documentation regarding the absences. In accordance with the Study Regulations, the Dean may or may not grant the request.

Course evaluation:

Assessed students in total: 171

A	B	C	D	E	FX
80%	13%	4%	1%	0%	2%

Lecturers:

PhDr. Michal Rafajdus, PhD., MPH, examiner, seminary supervisor

Date of last change: 01.09.2026

Approved by: prof. PhDr. Marek Majdan, MSc., PhD.