

Name of university, Name of faculty: Trnava University

Faculty of Health Care and Social Work

INFORMATION SHEET OF THE SUBJECT

Code: VZB41

Name: Health statistics

Cover: Department of Public Health

Type of educational activity: Seminar

Scope of educational activity (in hours):

Weekly: 2

For term of study: ZS 46

Number of credits: 3

Recommended semester: WT

Study grade: Bachelor

Method of educational activity:

Recommended semester

Study programme

3.year WT

Public Health (D1-VZ-22)
Public Health (D1-VZ-22-K)

Underlie subjects:

Conditions for passing the course:

Method of evaluation: Completion by taking an examination

Continuous evaluation:

Final evaluation: The final evaluation consists of a written final exam (50% of the total evaluation) and the elaboration and presentation of a term paper (50% of the total evaluation).

In the case of online teaching, the final assessment consists of a written final exam (50% of the total evaluation) and the elaboration and presentation of a term paper (50% of the total evaluation).

To complete the course successfully, it is necessary to obtain at least 71% of points from both parts of the final evaluation.

At least 95% must be obtained for grade A, at least 89% for grade B, at least 83% for grade C, at least 77% for grade D and at least 71% for grade E.

Finished: written exam, elaboration and presentation of a term paper

In the case of e-learning, the final exam and presentation will be held online.

Learning outcomes:

After completing the course, the student will be able to:

- define basic terms used in health statistics;
- recognize the classifications used in health statistics;
- search for data on public health and health services in national and international databases;
- interpret indicators used in health statistics;
- apply the method of direct standardization.

Schedule of subject:

1. Introduction to health statistics – basic terms and definitions
2. Classification for the purposes of health statistics
3. Data sources – national databases
4. Data sources – international databases
5. Burden of disease – part 1
6. Burden of disease – part 2
7. Study of reproduction of human populations
8. Statistics of health services
9. Data standardization
10. Economic indicators in health and healthcare
11. Summary of the course – repetition
12. Presentation of final assignments

Recommended reading:

1. Rusnák, M., Rusnáková, V., Psota, M. 2013. Štatistika zdravia. Trnava: Typi Universitatis Tyrnaviensis, spoločné pracovisko Trnavskej univerzity v Trnave a VEDY, vydavateľstva Slovenskej akadémie vied, 2013. 235 s. ISBN 978-80-8082-732-8.
2. Národné centrum zdravotníckych informácií. 2022. Zdravotnícka ročenka Slovenskej republiky 2021. Bratislava: NCZI, 2022. Available at: https://www.nczisk.sk/Statisticke_vystupy/Zdravotnicka_rocenka/Pages/default.aspx
3. Materials available at <https://moodle.truni.sk/>

Language requirements: Slovak

Notes:

Daily form, attendance method of education

Daily form, combined method of education: through assignments in Moodle/online, distance learning, self-study, exercises /in-person/

Self-study is supported by e-learning online, e.g. test or oral exam via MOODLE

Attendance at lectures is at the discretion of the lecturer, while attendance at seminars and practical classes is compulsory. Students may be absent on one occasion without providing a reason. Any further absence will require completion of a replacement assignment.

To successfully complete the course, students must submit all assignments by the specified deadlines and meet the required standard.

A student who is absent from more than two teaching sessions during the semester, irrespective of the reason, must submit a written application (not

by email) to the Dean of the Faculty requesting that the absence be excused. The application must be supported by documentary evidence relating to the third and each subsequent absence.

In accordance with the Study Regulations, the Dean may, at their discretion, grant or refuse the application.

Course evaluation:

Assessed students in total: 332

A	B	C	D	E	FX
14%	23%	29%	18%	4%	12%

Lecturers:

Mgr. Dominika Plančíková, PhD., MPH, examiner, seminary supervisor

Mgr. Lucia Staňáková, PhD., examiner, seminary supervisor

Date of last change: 01.09.2026

Approved by: doc. PhDr. Róbert Ochaba, PhD., MPH, univ.prof.