Name of university, Name of faculty: Trnava University

Faculty of Health Care and Social Work

INFORMATION SHEET OF THE SUBJECT

Code: LMbD48	**Name:** Professional laboratory practice II.	
Cover: Department of Theoretical Disciplines and Laboratory Investigation Methods		
Type of educational activity: Professional Training **Scope of educational activity (in hours):** **Weekly:** 10 **For term of study:** ZS 230/LS 300 **Method of educational activity:**	**Number of credits:** 3	**Recommended semester:** WT, ST **Study grade:** 1. PO

Recommended semester	Study programme
3.year WT	Laboratory Medicine (D1-LVMvZ-22)

Underlie subjects:

Conditions for passing the course:
Method of evaluation: Completion by taking an examination

Continuous evaluation: none
Final evaluation: - verbal evaluation of the responsible person at the placement site for each department (max. 10% of evaluation)
- evaluation of the prepared practice thesis (form, content, scope), 100% attendance is required for completion (max. 30% of evaluation)
- final examination in the form of an interview (review of the experience gained in the various activities in the laboratory) and submission of the completed placement report (max. 60% of evaluation)

Evaluation: A: 100 – 95%; B: 94 – 89%; C: 88 – 83%; D: 82 – 77%; E: 76 – 71%; FX: 70% and less
Finished: exam - oral examination in the form of an interview

Learning outcomes:
VV1 After completing the professional laboratory practice, the student will acquire the theoretical and practical knowledge base of working in laboratories according to the classification.
VV2 After completing the course, the student knows the process of receiving and proper handling and storage of samples.
VV3 The student knows how to work with the laboratory information system
VV4 The student is able to transfer theoretical experience into practice
VV5 The student gains practical experience with laboratory methods
VV6 The student will have an overview of the methods used in the analytical phase of a laboratory investigation as well as possible analytical interferences.
VV7 The student will gain knowledge of safety precautions and protection of working with biological material in clinical workplaces and laboratories, legal regulations and ethical principles applicable to working with biological material
VV8 The student will gain practical knowledge in the work of the laboratory information system, in connection with information systems in clinics, or hospital or outpatient information system
VV9 The student gains practical knowledge of working with automatic analysers used in laboratory medicine and point-of-care testing

Schedule of subject:
1) Occupational health and safety (9h)
2) Sample handling (9h)
3) Handling personal patient data (9h)
4) Handling ICT systems (9h)
5) Practice in Laboratory Medicine Departments - Clinical Biochemistry (14h)
6) Practice in Laboratory Medicine Departments - Clinical Microbiology (14h)
7) Practical training in laboratory medicine departments - Clinical immunology and allergology (14h)
8) Practice in Laboratory Medicine Departments - Clinical Genetics (14h)
9) Practice in Laboratory Medicine Departments - Clinical Haematology and Transfusiology (14h)
10) Practice in the Departments of Laboratory Medicine - Clinical Histology (14h)

Recommended reading:
1) Laboratórna príručka pre lekárov, Laboratória Piešťany, spol. s.r.o. / online: https://issuu.com/redred.sk/docs/laboratoria-prirucka-pre-lekarov-2023?fr=sZjk1ODYyMTA3NTg
2) Laboratórna príručka, Ústav patológie Fakultná nemocnica Trnava / online: https://fntt.sk/wp-content/uploads/2024/05/ZD_02-laboratorna-prirucka-01.pdf

Language requirements: Slovak

Notes:
The daily combined method consists of: practice-internship /attend/
Self-study is supported by e-learning.
100% participation is required.

Course evaluation:
Assessed students in total: 478

A	B	C	D	E	FX
67%	17%	9%	1%	0%	6%

Lecturers:
PhDr. Mgr. Katarína Pinčáková, PhD., examiner

Date of last change: 01.09.2026

Approved by: doc. Ing. Stanislava Blažíčková, PhD., MPH, univ.prof.