

# Tehnik laboratorijske biomedicine/tehnica laboratorijske biomedicine

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## Selected qualifications

<b>Name of qualification</b>	Tehnik laboratorijske biomedicine/tehnica laboratorijske biomedicine
<b>Translated title (no legal status)</b>	Medicinal Laboratory Technician
<b>Type of qualification</b>	Srednja strokovna izobrazba
<b>Category of qualification</b>	Izobrazba
<b>Type of education</b>	Upper secondary technical education
<b>Duration</b>	4 years
<b>Credits</b>	240 credits
<b>Admission requirements</b>	<ul style="list-style-type: none"><li>• Elementary school education or</li><li>• lower vocational education</li></ul>

## ISCED field

Field  
Zdravstvo in socialna varnost

## ISCED subfield

subfield medicinska diagnostična in terapevtska tehnologija

## Qualification level

SQF 5  
EQF 4

## Learning outcomes

The certificate holder will be able to:

- implement protective measures for safe work in laboratories,
- perform detailed and accurate laboratory analyses,
- prepare samples for histological and cytological examinations,
- perform standard chemical analyses of non-biological material,
- demonstrate knowledge of the basic legislative and ethical aspects of working in a laboratory;
- use modern IT and work with resources, data and materials,
- work in a group and communicate in writing and orally with co-workers, professionals and clients using basic technical terminology,

Elective:

- perform haematological examinations,
- perform standard haemostatic tests,
- perform basic laboratory examinations in transfusion medicine,
- take capillary blood samples,
- demonstrate knowledge of the technique of venous blood sampling,
- perform basic microbiological examinations,
- prepare samples for biochemical examinations (serum, plasma),
- perform biochemical examinations using a spectrometer or photometer,
- perform urine, stool and cerebrospinal fluid examinations.

Certificate holders supplement their key vocational knowledge and abilities with key general knowledge in line with national standards.

## Assessment and completion

Students' vocational abilities and skills and the fulfilment of conditions to obtain credits in accordance with the education programme are established through testing and assessment. Assessment also takes into account non-formally acquired knowledge, which must be adequately demonstrated. Students are assessed using scores from 5 (excellent) to 1 (inadequate).

## Progression

Students may progress to a higher year if at the end of the academic year they achieve a positive score in all general education subjects and technical modules for the year as set out in the school's operational curriculum, and have completed all extracurricular activities and practical on-the-job training, or progress on the basis of a programme faculty decision.

## Transitions

Matura/vocational course, higher vocational education (SQF level 6), professional higher education (SQF level 7) and academic higher education (SQF level 7)

## Condition for obtaining certificate

Students must successfully (i.e. with positive scores) complete general education subjects, compulsory and elective vocational modules, and the open part of the curriculum. They must also complete extracurricular activities, practical on-the-job training and a vocational matura.

The vocational matura comprises a compulsory section (written and oral examination in Slovene and biomedical laboratory) and an elective section (written and oral examination in a foreign language or mathematics, and a service with an oral presentation).

## Awarding body

Vocational and technical secondary schools and adult education institutions.

URL

<https://paka3.mss.edus.si/registriweb/ProgramPodatki.aspx?ProgramID=6280>

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