

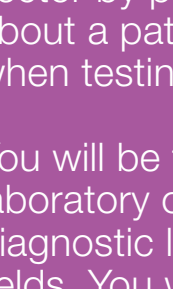
# Start your future career in Medical Laboratory Science

Bachelor of Health Science (BHSc) in Medical Laboratory Science



## CONTACT

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Cape Peninsula University of Technology  
creating futures

## Do you have an enquiring mind?

Medical Laboratory Scientists play an important role in the healthcare sector by providing information about a patient's state of health when testing for diseases.

You will be trained to organise laboratory operations in clinical diagnostic laboratories and related fields. You will also be trained to integrate laboratory tests and results with pathophysiological conditions and conduct research grounded in a deep knowledge of the subject area based on sound scientific principles. In your fourth year you will get to choose an area of specialisation.

This is also the only course that enables registration with the Health Profession Council of South Africa (HPCSA) within the field of Medical Laboratory Science/ Technology.

<b>YOU WILL LIKE THIS IF</b>	You have strong scientific knowledge as well as trained reasoning ability and empathy for humanity.
<b>YOU WILL STUDY AT</b>	Bellville Campus
<b>YOU WILL STUDY FOR</b>	Four years, full-time

## YOUR SUBJECTS

- |  |   |
|--|---|
| <b>FIRST YEAR</b> <ul style="list-style-type: none"> <li>Human Anatomy, Physiology &amp; Disease</li> <li>Health Chemistry</li> <li>Health Physics</li> <li>Introduction to Medical Laboratory Sciences</li> <li>Computer Skills</li> <li>Communications</li> <li>Biostatistics</li> <li>Cell Biology</li> <li>Immunology</li> </ul> | <b>THIRD YEAR</b> <ul style="list-style-type: none"> <li>Clinical Chemistry</li> <li>Haematology</li> <li>Histology</li> <li>Integrative Medical laboratory Science</li> <li>Microbiology</li> <li>Clinical Practice</li> </ul> |
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- |   |   |
|---|---|
| <b>SECOND YEAR</b> <ul style="list-style-type: none"> <li>Clinical Chemistry</li> <li>Haematology</li> <li>Microbiology</li> <li>Human Genomics</li> <li>Immunohaematology</li> <li>Cytology</li> </ul> | <b>FOURTH YEAR</b> <ul style="list-style-type: none"> <li>Research Project</li> <li>Laboratory Management</li> <li>Clinical Practice</li> </ul> |
|---|---|

\* For this subject the student needs to choose one of the specialisations listed:

- 1. Clinical pathology
- 2. Clinical chemistry
- 3. Haematology
- 4. Microbiology
- 5. Immunohaematology
- 6. Cytology
- 7. Histology
- 8. Immunology
- 9. Virology
- 10. Cytogenetics

### Your on-the-job training

During your third and fourth year you are required to do in-service training at a CPUT-accredited employer for a period of 18 months.

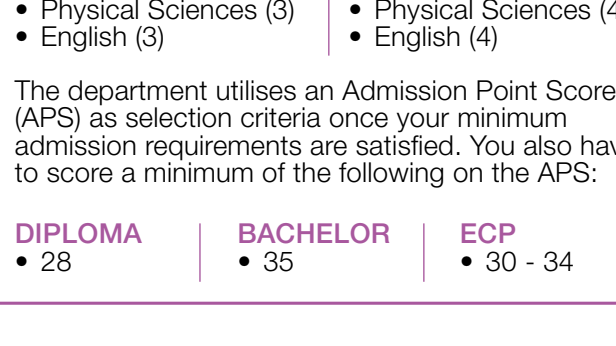


## YOUR FUTURE SELF

Future **studies**  
Master of Science (MSc) in Biomedical Science  
PhD in Biomedical Science

Future **industries**  
Laboratories in blood transfusion services  
Private pathology practices  
National Health Laboratory Services  
Medical Research Council  
Forensic science laboratories  
Veterinary practices  
Pharmaceutical companies

Future **career**  
Medical laboratory scientist  
Researcher  
Laboratory manager  
Training coordinator/ manager  
Medical sales representative  
Quality manager  
Forensic laboratory analyst



creating futures in science

## WHAT YOU NEED

### Minimum Admission Requirements

**National Senior Certificate (Grade 12) with:**

- |   |  |
|---|--|
| <b>DIPLOMA</b> <ul style="list-style-type: none"> <li>Mathematics (3)</li> <li>Life Sciences (3)</li> <li>Physical Sciences (3)</li> <li>English (3)</li> </ul> | <b>BACHELOR</b> <ul style="list-style-type: none"> <li>Mathematics (4)</li> <li>Life Sciences (4)</li> <li>Physical Sciences (4)</li> <li>English (4)</li> </ul> |
|---|--|

The department utilises an Admission Point Score (APS) as selection criteria once your minimum admission requirements are satisfied. You also have to score a minimum of the following on the APS:

- |                        |                         |                         |
|------------------------|-------------------------|-------------------------|
| <b>DIPLOMA</b><br>• 28 | <b>BACHELOR</b><br>• 35 | <b>ECP</b><br>• 30 - 34 |
|------------------------|-------------------------|-------------------------|

### Additional Admission Requirements

- Selection interview
- Physical and medical assessment
- Height and claustrophobia test
- Job shadowing
- A final selection test will depend on your overall performance

### Note

CPUT's Recognition of Prior Learning (RPL) policy will apply to applicants with existing short course qualifications and relevant experience.

**Closing date for RPL Applications is: 30 June**

### DISCLAIMER

Meeting the minimum requirements does not guarantee admission. This information is subject to change based on approval and accreditation of HEQSF aligned qualifications during 2018/ 2019.

Admission requirements may therefore differ between the existing qualification and the HEQSF aligned qualification. Please consult the CPUT website or faculty for updated information. Every effort has been made to ensure the accuracy of the information in this pamphlet; however the University reserves the right at any time, if circumstances require to make changes to any of the published details.

## HOW TO APPLY

	<b>MANUAL APPLICATIONS</b> Do you qualify to apply manually?		<b>ONLINE APPLICATIONS</b> Do you qualify to apply online?		<b>ONLINE APPLICATIONS ARE FREE</b>
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**Please note:** a non-refundable application fee will be applicable. Manual applications are only available to the following persons:

- Applicants applying for RPL (Recognition of Prior Learning)
- Non-South African citizens
- South-African citizens with international qualifications
- Applicants with permanent residence in South Africa
- Refugee asylum seeker temporary permit/ formal recognition of refugee status in the RSA

- Choose a qualification
- Complete an application form
- Gather your documents (i.e. certified copies less than three months old)
- Fill in the application form
- Pay the application fee
- Hand deliver or post your form and certified copies of documents to our District Six, Bellville, Mowbray, or Wellington Campuses (Admin buildings)
- Follow-up and get your admission status via the online application tracking system by visiting [www.cput.ac.za/study/track](http://www.cput.ac.za/study/track)

- Choose your qualification by consulting this brochure or the website
- Gather your documents (i.e. certified copies less than three months old)
- Download the online application guide available on our website for information on how to apply online
- Complete your application online by visiting [www.cput.ac.za/study/apply](http://www.cput.ac.za/study/apply)
- Follow-up and get your admission status via the online application tracking system by visiting [www.cput.ac.za/study/track](http://www.cput.ac.za/study/track)

**CLOSING DATES**

**31 AUGUST**  
International applicants

**30 SEPTEMBER**  
South African citizens