

2019

Start your future career in Analytical Chemistry

Diploma in Analytical Chemistry



CONTACT

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FACULTY Applied Sciences



Cape Peninsula University of Technology

creating futures

Are you a natural born scientist?

A career in analytical chemistry will give you the opportunity to understand the composition of substance and then apply this knowledge to meet society's needs.

| | |
|------------------------------|---|
| YOU WILL LIKE THIS IF | You enjoy science and would like to work in a laboratory. |
| YOU WILL STUDY AT | Bellville Campus Three years, full-time |
| YOU WILL STUDY FOR | Four years, Extended Curriculum Programme (ECP) |

YOUR SUBJECTS

FIRST YEAR

- Chemistry 1
- Chemical Laboratory Practice 1A
- Mathematics 1
- Physics 1
- Communication Skills 1A
- Analytical Chemistry 1
- Analytical Chemistry Practical 1
- Inorganic Chemistry 1
- Organic Chemistry 1
- Physical Chemistry 1
- Communication 1B

SECOND YEAR

- Analytical Chemistry 2A
- Analytical Chemistry Practical 2A
- Inorganic Chemistry 2
- Physical Chemistry 2
- Organic Chemistry 2
- Chemical Quality Assurance 1A
- Analytical Chemistry 2B
- Analytical Chemistry Practical 2B
- Chemical Quality Assurance 2B
- Microbiology 1

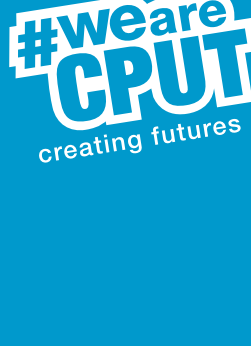
THIRD YEAR

- Research Methodology
- Chemical Technology
- Entrepreneurial Skills
- Chemistry Project



Your on-the-job training

You are required to complete one year of training in industry.



YOUR FUTURE SELF

Future studies

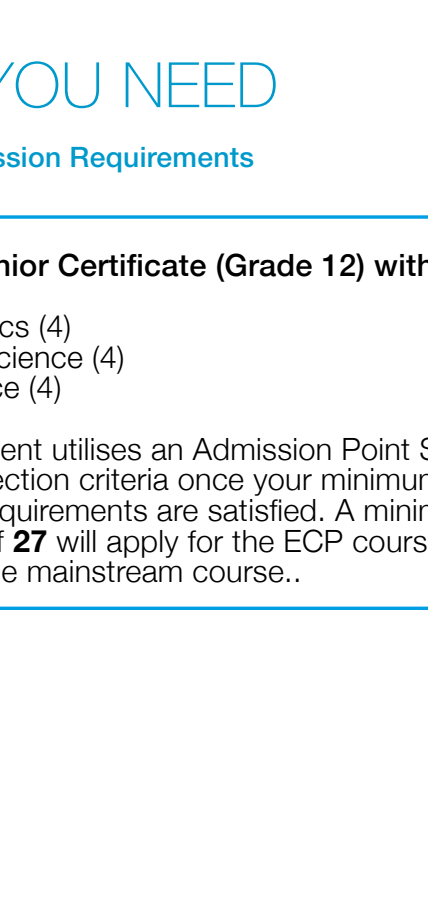
- Advanced Diploma in Analytical Chemistry
- Postgraduate Diploma in Analytical Chemistry
- Master of Applied Sciences and Chemistry
- PhD in Chemistry

Future industries

- Pharmaceutical companies
- Chemical manufacturers
- Food industry
- Mining industry
- Forensics
- Private organisations

Future career

- Forensic Scientist
- Analytical Chemist
- Environmental Scientist
- Research Scientist
- Nanotechnologist



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WHAT YOU NEED

Minimum Admission Requirements

National Senior Certificate (Grade 12) with:

- English (4)
- Mathematics (4)
- Physical Science (4)
- Life Science (4)

The department utilises an Admission Point Score (APS) as selection criteria once your minimum admission requirements are satisfied. A minimum APS score of **27** will apply for the ECP course and **30** for the mainstream course..

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



MANUAL APPLICATIONS

Do you qualify to apply manually?

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



ONLINE APPLICATIONS

Do you qualify to apply online?



- The following persons may only apply online, i.e. no manual applications will be allowed:
- South African citizens with South African qualifications
 - Returning students with a break in studies (more than 1-year break)
- 1 Choose your qualification by consulting this brochure or the website
 - 2 Gather your documents (i.e. certified copies less than three months old)
 - 3 Download the online application guide available on our website for information on how to apply online
 - 4 Complete your application online by visiting www.cput.ac.za/study/apply
 - 5 Follow-up and get your admission status via the online application tracking system by visiting www.cput.ac.za/study/track

CLOSING DATES

31 AUGUST
International applicants

30 SEPTEMBER
South African citizens