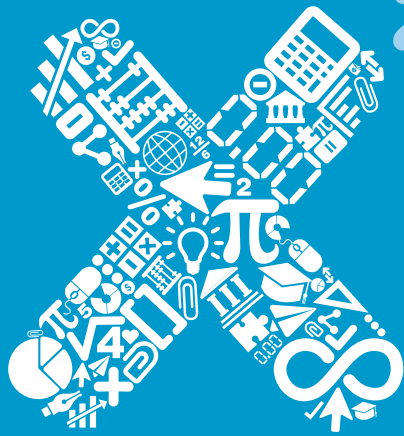


Start your future career in Mathematical Sciences

Diploma in Mathematical Sciences **2**



CONTACT

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Cape Peninsula
University of Technology

creating futures

Do you enjoy problem-solving?

Put your natural talent for numbers and problem-solving to good use by opting for the qualification in Mathematical Sciences.

You will be sought-after as a specialist, for your broad range of advanced mathematical statistical and computational knowledge and skills that are used to analyse and solve real-world problems.

YOU WILL LIKE THIS IF

You enjoy mathematics and have strong analytical and problem-solving skills.

YOU WILL STUDY AT

Bellville Campus

YOU WILL STUDY FOR

Three years, mainstream
Four years, Extended Curriculum Programme

YOUR SUBJECTS

FIRST YEAR

- Mathematics 1
- Statistics 1
- Numerical Methods 1
- Data Management
- Marketing/ Physics
- Economics 1/ Biosciences 1
- Computer Skills
- Communication Skills

THIRD YEAR

- Mathematics 3
- Statistical Quality Control 3
- Financial Mathematics 3/ Biomathematics 3
- Econometrics 3/ Biostatistics 3
- Operations Research 3
- Introduction to Projects
- Mathematical Science Projects 3

SECOND YEAR

- Mathematics 2
- Statistics 2
- Numerical Methods 2
- Programming 2
- Economics 2/ Chemistry 1
- Finance 2/ Biomathematics 2

***Note:** You will choose between two streams (Business and Applied Science), which determines the elective subjects you will take.

Your on-the-job training

During your third year you will be working on a collaborative project sourced from industry as part of the course Mathematical Science Projects 3. This includes frequent excursions to Industry and Business to obtain data, discuss problems and present project reports.

WHAT YOU NEED

Minimum Admission Requirements

National Senior Certificate (Grade 12) with:

- English (4)
- Mathematics (4)

Any one of the following subjects:

- Physical Science (4)
- Business Studies (4)
- Economics (4)
- Accounting (4)
- Geography (4)

One other subject on level (4). Any other three subjects on Level (3)

The department uses an Admission Point Score (APS) as selection criteria once your minimum admission requirements are satisfied. The following scores apply:

- Mainstream: **33**
- Extended Curriculum Programme: **28**

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?

ONLINE APPLICATIONS ARE FREE

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

DISCLAIMER

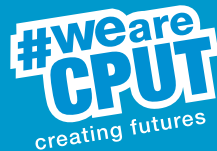
Meeting the minimum requirements does not guarantee admission. This information is subject to change based on approval and accreditation of HEQSF aligned qualifications during 2018/ 2019.

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.

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YOUR FUTURE SELF



Future studies

Advanced Diploma in Mathematical Sciences (2019)

Future industries

Financial services
Banking industry
Government agencies
Retail industry
Education
Research organisations

Future career

Data analyst
Operations research analyst
Supply chain analyst
Research assistant
Statistician
Teacher

creating futures mathematical sciences