Bachelor of Technology Honours Degree in Chemical Technology

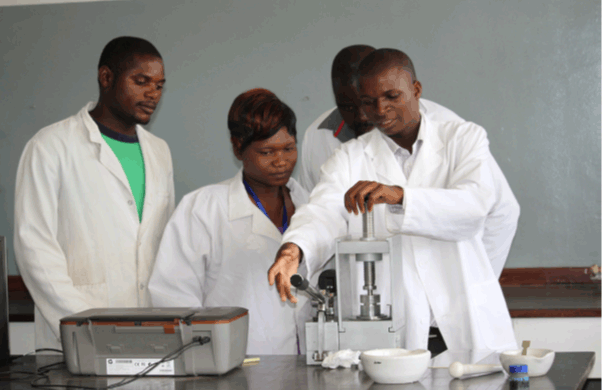
Harare Polytechnic introduced the Bachelor of Technology Honours Degree in Chemical Technology programme on the 1st of October 2004. It is a TVETISED industrial based programme.

Objectives

* To ensure that Harare Polytechnic maintains its standing as a Centre of excellence in both teaching, training and research.
* To adopt Cutting Edge Technologies in its curriculum .i.e. Nanotechnology.
* To collaborate with industry and Research Institutes in pursuing research for benefit of the society
* To produce professionals who can solve constrains and challenges of the Chemical Industry for economic growth.
* To produce professionals who are innovative and capable of creating employment opportunities.

The Degree Programme

The degree programme is industrial based and offered on a full time basis. The programme takes two years to complete and is divided into four semesters. Students are expected to spend 1 year doing theory and 1 year in industry doing a research project.



Entry Requirements

Higher National Diploma in

* Applied Chemical Technology or
* Chemical Engineering or equivalent.

Career Path

Technologist, Research and Development, process Engineer, Technical Manager, Production Manager, and Plant Superintendent.

# **Science Technology**

The department of Science Technology technicians and Technologists in various disciplines of science and offers courses both on full time and part-time from National Certificate to Higher National Diploma levels.

**Courses on offer**

* Applied Chemical Technology
* Applied Biological Technology
* Chemical Engineering
* Food Science Technology
* Horticulture
* Metallurgical Assay
* Pharmaceutical Technology
* Plastic and Rubber Technology
* Science Technology (Laboratory Technology)

### NC Science Technology Courses

#### [**NC Science Technology/Lab Technology**](http://www.hrepoly.ac.zw/?page_id=166#ac_753_collapse1)

### Entry Requirements

5 “0” Levels including English, Mathematics  and Science

### Career Propects

Junior Technician/Lab Assistant

### Mode of Study

Full time/Part time

### Course Duration

2 years

#### [**NC Food Science**](http://www.hrepoly.ac.zw/?page_id=166#ac_753_collapse2)

### Entry Requirements

5 “0” Levels including English, Mathematics  and Science

### Career Propects

Junior Technician/Laboratory Assistant

### Mode of Study

Full time/Part time

### Course Duration

3 years

#### [**NC Plastics & Rubber Technology**](http://www.hrepoly.ac.zw/?page_id=166#ac_753_collapse3)

### Entry Requirements

5 “0” Levels including English, Mathematics  and Science

### Career Propects

Machine Operator/Quality controller

### Mode of Study

Full time/Part time

### Course Duration

3 years

#### [**NC Chemical Engineering**](http://www.hrepoly.ac.zw/?page_id=166#ac_753_collapse4)

### Entry Requirements

5 “0” Levels including English, Mathematics  and Science

### Career Propects

Machine Operator

### Mode of Study

Full time /Part time

### Course Duration

2 years)

#### [**NC Metallurgical Assaying**](http://www.hrepoly.ac.zw/?page_id=166#ac_753_collapse5)

### Entry Requirements

5 “0” Levels including English, Mathematics  and Science

### Career Propects

Laboratory Analyst, Junior Technician

### Mode of Study

Full time/Part time

### Course Duration

3 years

#### [**NC Pharmaceutical Technology**](http://www.hrepoly.ac.zw/?page_id=166#ac_753_collapse6)

### Entry Requirements

5 “0” Levels including English, Mathematics  and Science

### Career Propects

Dispensary Assistant

### Mode of Study

Part time

### Course Duration

2 years

#### [**NC Horticulture**](http://www.hrepoly.ac.zw/?page_id=166#ac_753_collapse7)

### Entry Requirements

### Career Propects

Supervisor at farms/Landscape Designer

### Mode of Study

Full time/Part time

### Course Duration

2 years

### ND Science Technology

#### [**ND Horticulture**](http://www.hrepoly.ac.zw/?page_id=166#ac_840_collapse1)

### Entry Requirements

### Career Propects

Landscape Designer/Assistant Manager at Farm/Researcher Assistant

### Mode of Study

Full time/Part time

### Course Duration

3 years

#### [**ND Food Science**](http://www.hrepoly.ac.zw/?page_id=166#ac_840_collapse2)

### Entry Requirements

Full ND Certificate

### Career Prospects

Technician

### Mode of Study

Part time

### Course Duration

1 year

#### [**ND Pharmaceutical Technology**](http://www.hrepoly.ac.zw/?page_id=166#ac_840_collapse3)

### Entry Requirements

Full ND Certificate

### Career Propects

Pharmacy Technician

### Mode of Study

Full time

### Course Duration

2 years

#### [**ND Applied Biological  Technology**](http://www.hrepoly.ac.zw/?page_id=166#ac_840_collapse4)

### Entry Requirements

Full NC Certificate which is relevant

### Career Propects

Technician/Research Assistant/Microbiologist

### Mode of Study

Full time/Part time

### Course Duration

3 years

#### [**ND Metallurgical Assaying**](http://www.hrepoly.ac.zw/?page_id=166#ac_840_collapse5)

### Entry Requirements

Full NC Certificate which is relevant Fire Assayer/Laboratory Technician

### Mode of Study

Full time / Part time

### Course Duration

3  years

#### [**ND Chemical Engineering**](http://www.hrepoly.ac.zw/?page_id=166#ac_840_collapse6)

### Entry Requirements

Full NC Certificate which is relevant Process Technician

### Mode of Study

Full Time / Part Time

### Course Duration

#### [**ND Applied Chemical Technology**](http://www.hrepoly.ac.zw/?page_id=166#ac_840_collapse7)

### Entry Requirements

Full NC Certificate which is relevant

### Career Propects

Technician/Research Assistant

### Mode of Study

Full time/Part time

### Course Duration

3 years

#### [**ND Plastics Technology**](http://www.hrepoly.ac.zw/?page_id=166#ac_840_collapse8)

### Entry Requirements

5 “0” Levels including English, Mathematics  and Science

### Career Propects

Production Controller/Process Controller/Machine Setter/Quality Supervisor.

### Mode of Study

Full time/Part time

### Course Duration

1 year

### HND Science Technology

#### [**HND Applied Chemical Technology**](http://www.hrepoly.ac.zw/?page_id=166#ac_973_collapse1)

### Entry Requirements

Full ND Certificate

### Career Propects

Technologist/Production Manager/Research Assistant/Microbiologist

### Mode of Study

Part time

### Course Duration

1 year

#### [**HND Food Science**](http://www.hrepoly.ac.zw/?page_id=166#ac_973_collapse2)

### Entry Requirements

Full ND Certificate

### Career Propects

Food Technologist/ Food Microbiologist/ Food Process Technologist

### Mode of Study

Full time/ Part time

### Course Duration

2 years

#### [**HND Plastics Technology**](http://www.hrepoly.ac.zw/?page_id=166#ac_973_collapse3)

### Entry Requirements

Full NC Certificate

### Career Propects

Production Manager/Plant Superintendent/Quality Assurance Manager

### Mode of Study

Full time/Part time

### Course Duration

3 years

#### [**HND Chemical Engineering**](http://www.hrepoly.ac.zw/?page_id=166#ac_973_collapse4)

### Entry Requirements

Full ND Certificate

### Career Propects

Process Technician

### Mode of Study

Part time

### Course Duration

1 year

#### [**HND Metallurgical Assaying**](http://www.hrepoly.ac.zw/?page_id=166#ac_973_collapse5)

### Entry Requirements

Full ND Certificate

### Career Propects

Laboratory Technologist/Laboratory Manager/Plant Superintendent

### Mode of Study

Part time

### Course Duration

1 year

### Entry Requirements

### Career Propects

Horticulturalist/researcher Assistant/Farm Manager/ Consultant

### Mode of Study

Part time

### Course Duration

1 year