



Harare  
Institute of  
Technology

*success through innovation*

## Embrace the limitless opportunities in Polymer Technology and Engineering

Enrol in the Bachelor of Technology Honours Degree in Polymer Technology and Engineering. The programme covers the development, design, and application of polymer materials in various fields. Polymers are versatile materials with unique properties, used in:

- Packaging
- Automotive
- Aerospace
- Biomedical devices
- Electronics
- Energy storage
- Textiles
- Adhesives

### Career Prospects

- Research and development Specialists
- Material synthesis and characterization
- Processing and manufacturing
- Product design and testing
- Quality control and assurance

### Cutting-edge areas in Polymer Technology and Engineering include:

- Nanotechnology
- Biomimetic materials
- Sustainable polymers (bioplastics, recycling)
- Advanced composites
- Smart materials (shape-memory, self-healing)
- 3D printing and additive manufacturing
- Energy storage materials (batteries, super capacitors)
- Biomedical applications (tissue engineering, drug delivery)



**Enrol  
with HIT**

The field requires interdisciplinary knowledge in chemistry, physics, materials science, and engineering to develop innovative polymer solutions for various industries.

### Entry Qualifications

To apply for this programme, you must have:

- 2 Advanced Level passes in the following subjects: Chemistry and either Mathematics or Physics (OR)
- National Diploma in Polymer Science/ Engineering equivalent (OR)
- Higher National Diploma in Polymer Science/ Engineering

### Programme Duration

This is a four-year full-time program leading to an honours degree. Each academic year is divided into two semesters, each lasting 15 weeks. Year 3 consists of a 15-week study period followed by a 30-week industrial internship.

Visit our website at [www.hit.ac.zw](http://www.hit.ac.zw) for more information and to apply online.

*“Designing the Future”*

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