## DEGREE PROGRAMMES OFFERED:

### SCHOOL OF BUSINESS AND MANAGEMENT SCIENCES (BMS)

<table>
<thead>
<tr>
<th>PROGRAMME</th>
<th>ENTRY REQUIREMENTS</th>
<th>DURATION OF STUDY</th>
<th>CAREER PROSPECTS</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Electronic Commerce (BEC)</strong></td>
<td>Two ‘A’ level passes which should include one of the following: Mathematics, Accounting or Computer Science and any other subject(s) from the following: Business Studies, Economics, Physics or any relevant commercial subjects. OR National Diploma (ND) in E-Commerce or equivalent plus a minimum of two years relevant post qualification experience. OR Higher National Diploma (HND) in E-Commerce or equivalent.</td>
<td>4 years</td>
<td>➢ Technopreneur&lt;br➢ E-Commerce Director&lt;br➢ E-Commerce Consultant&lt;br➢ E-Commerce Security Executive&lt;br➢ Marketing Executive&lt;br➢ IT Manager&lt;br➢ Database Manager&lt;br➢ Data Mining Expert&lt;br➢ Advertising Copywriter&lt;br➢ Programmer&lt;br➢ Webmaster&lt;br➢ Web Designer</td>
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<tr>
<td><strong>Financial Engineering (BFE)</strong></td>
<td>Three ‘A’ level passes in Commercial or Science subjects, including Mathematics. OR National Diploma (ND) in Financial Engineering or its equivalent plus a minimum of two years relevant post qualification experience. OR Higher National Diploma (HND) in Financial Engineering or its equivalent.</td>
<td>4 years</td>
<td>➢ Financial Engineer&lt;br➢ Portfolio Engineer&lt;br➢ High Frequency Trading Analysts&lt;br➢ Exotic Credit Trading Associates&lt;br➢ Fixed Income Commodity Associates&lt;br➢ Insurance Managers&lt;br➢ Global Advisory group Analysts&lt;br➢ Financial Research Consultants&lt;br➢ Financial Software Developers&lt;br➢ Financial Risk Managers</td>
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<tr>
<td><strong>Forensic Accounting and Auditing (BFA)</strong></td>
<td>Two ‘A’ level passes in Commercial or Science subjects, including Mathematics. OR National Diploma (ND) in Forensic Accounting/Forensic Auditing or its equivalent plus a minimum of two years relevant post qualification experience. OR Higher National Diploma (HND) in Forensic Accounting/Forensic Auditing its equivalent.</td>
<td>4 years</td>
<td>➢ Technopreneurs in Forensic Accounting &amp; Auditing&lt;br➢ Forensic Accountants/Auditors&lt;br➢ Fraud Examiners/Investigators&lt;br➢ Fraud and Forensics Consultants&lt;br➢ E-Commerce Crimes Consultants&lt;br➢ Lead Investigators&lt;br➢ Fraud Risk Managers&lt;br➢ Expert Forensic Witnesses&lt;br➢ Regulatory Compliance Auditors</td>
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</tbody>
</table>
In addition, an accepted student must be vetted for criminal history by Zimbabwe Republic Police and a Clearance Certificate must be issued and submitted to the Institute before registration.

<table>
<thead>
<tr>
<th>SCHOOL OF ENGINEERING AND TECHNOLOGY (ET)</th>
</tr>
</thead>
<tbody>
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<td><strong>PROGRAMME</strong></td>
</tr>
</tbody>
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| Chemical and Process Systems Engineering (ECP) | Three ‘A’ level passes in Mathematics, Chemistry and a third approved subject such as Physics, Technical Drawing, Computer Science Biology, Mechanical Engineering or Metallurgy.  
OR National Diploma (ND) in either Chemical & Process Systems Engineering or equivalent plus a minimum of two years relevant post qualification experience.  
OR Higher National Diploma (HND) in Chemical & Process Systems Engineering or equivalent. | 4 years | ➢ Risk and Compliance Managers  
➢ Fraud and Forensics Academics and Researchers  
➢ Fraud and Forensics Trainers.  
➢ Anti-money Laundering Officers  
➢ Fraud Control and Corruption Prevention Practitioners |
| Electronic Engineering (EEE) | Two ‘A’ level passes in Mathematics and Physics or equivalent.  
OR National Diploma (ND) in Electronic Engineering or its equivalent plus a minimum of two years relevant post qualification experience.  
OR Higher National Diploma (HND) in Electronic Engineering or its equivalent. | 4 years | ➢ Technopreneurship careers  
➢ Broadcast & Telecommunications Systems Engineering Technologist  
➢ Instrumentation & Control Systems Engineering Technologist  
➢ Power Electronics Engineering Technologist  
➢ Embedded Computer Technologist  
➢ Control Systems Integrator  
➢ Electrical/Electronic Product Specialist  
➢ Research Engineering Technologist  
➢ Industrial Robot Control Systems Engineering Technologist  
➢ Optimization Network Engineering Technologist  
➢ Network Designer  
➢ Project Engineering Technologists  
➢ Test Engineering Technologist  
➢ Design Engineering Technologist  
➢ Systems Engineering Technologist  
➢ Application Engineering Technologist  
➢ Engineering Manager |
| Industrial and Manufacturing Engineering (EIM) | Three ‘A’ level passes in Mathematics and Physics plus any other technical or science subject.  
OR National Diploma (ND) in Industrial and Manufacturing Engineering or equivalent plus a minimum of two years relevant post qualification experience. | 4 years | ➢ Industrial Engineer  
➢ Plant Manager  
➢ Manufacturing Manager  
➢ Manufacturing Engineer  
➢ Process Engineer  
➢ Production Engineer |
### SCHOOL OF INDUSTRIAL SCIENCES AND TECHNOLOGY (ST)

<table>
<thead>
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<th>DURATION OF STUDY</th>
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</tr>
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| Biotechnology (SBT)              | Two ‘A’ Level passes in Biology and Chemistry, and a third approved subject which could be either Physics or Mathematics. **OR** National Diploma (ND) in Biotechnology or its equivalent plus a minimum of two years relevant post qualification experience. **OR** Higher National Diploma (HND) in Biotechnology or its equivalent. | 4 years           | ➢ Resource Industries  
Agriculture, Aquaculture, Bioenergy, Environment, Forestry, Mining  
➢ Product Industries  
Food Processing, Industrial Chemicals, Neutraceticals, Pharmaceuticals, Textiles  
➢ Bioscience and Human Health  
Bioinformatics, Genomics, Human Health, Life Sciences, Medical Devices and Diagnostics, Nanotechnology  
Biotechnology Innovative Hub  
Commercialisation, Marketing and Enterprise Development of Biotechnology related skills, services and their respective products |
| Food Processing Technology (SFP) | Three ‘A’ level passes in Chemistry and any other two in Biology, Physics, Mathematics or Food Science. **OR** National Diploma (ND) in Food Processing Technology or its equivalent plus a minimum of two years relevant post qualification experience. **OR** Higher National Diploma (HND) in Food Processing Technology or its equivalent. | 4 years           | ➢ Research and Product Development  
➢ Food Technologist/Engineer  
➢ Food Microbiologist  
➢ Food Chemist  
➢ Process Controller  
➢ Quality Controller  
➢ Brew-Master  
➢ Factory Manager |
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</tr>
</thead>
<tbody>
<tr>
<td>Pharmacy (SPT)</td>
<td>Three ‘A’ Level passes in Chemistry and either Biology, Mathematics or Physics. OR National Diploma (ND) in Pharmaceutical Technology or its equivalent plus a minimum of two years relevant post qualification experience. OR Higher National Diploma (HND) in Pharmaceutical Technology or its equivalent.</td>
<td>4 years</td>
<td>Cheese Maker, Quality Assurance, Sensory Evaluation, Lectureship</td>
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<tr>
<td>School of Information Science and Technology (IST)</td>
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<td>Computer Science (ICS)</td>
<td>Two ‘A’ Level passes including Mathematics and Physics or Computer Science or any other relevant science subject. OR National Diploma (ND) in Computer Science or equivalent plus a minimum of two years relevant post qualification experience. OR Higher National Diploma (HND) in Computer Science or equivalent.</td>
<td>4 years</td>
<td>Technopreneur, Network and Systems Administrators, Systems and Applications Programmers, Computer Engineers, Artificial Intelligence Specialists, IT Projects Managers, Software Engineers, Security Analysts, Systems Auditors, Data Administrators, Strategic Analysts, Policy Analysts, Air Traffic Controllers, Intelligence Developers, Systems Designers, Programmers</td>
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<tr>
<td>Information Technology (IT)</td>
<td>Two ‘A’ Level passes including Mathematics and Physics or Computer Science or any other relevant science subject. OR National Diploma (ND) in Information Technology or equivalent plus a minimum of two years relevant post qualification experience. OR Higher National Diploma (HND) in Information Technology or equivalent.</td>
<td>4 years</td>
<td>Hi-Tech Enterprise Developer, IT Administrator, Software Developer, Web Designer &amp; Administrator, Database Administrator, Network Administrator, Analyst Programmer, IT Manager</td>
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<tr>
<td>Information Security &amp; Assurance (ISA)</td>
<td>Two ‘A’ Level passes including Mathematics and Physics or Computer Science and any other relevant science subject.</td>
<td>4 years</td>
<td>Information Security Technopreneurs, Cryptographers</td>
</tr>
</tbody>
</table>
| National Diploma (ND) in Information Security and Assurance or equivalent plus a minimum of two years relevant post qualification experience. | IT Security Officers  
> IT Managers  
> Computer Security Consultants  
> Corporate Information Systems Managers  
> IT Auditors  
> Business Technology Supervisors  
> Information Systems Security Managers |
| Higher National Diploma (HND) in Information Security and Assurance or equivalent. |  
> Software Engineering Technopreneurs  
> Applications Software Engineer  
> Software Developer  
> Computer Programmer  
> Systems Analyst  
> Systems Engineer  
> Computer and Information Systems Managers |

Software Engineering (ISE) |  
| Two ‘A’ Level passes including Mathematics and Physics or any other relevant science subject. |  
OR |  
| National Diploma (ND) in Software Engineering or equivalent plus a minimum of two years relevant post qualification experience. |  
OR |  
| Higher National Diploma (HND) in Software Engineering or equivalent. |  
4 years |  
> Software Engineering Technopreneurs  
> Applications Software Engineer  
> Software Developer  
> Computer Programmer  
> Systems Analyst  
> Systems Engineer  
> Computer and Information Systems Managers |