



# STUDY @ NUST

in the  
**Faculty of Applied Sciences**

“Think in other Terms”

<b>Computer Science</b> <i>(4 years)</i>	‘A’ Level Mathematics and ‘A’ Level Physics or Computer Science/Studies  - Diploma or Higher National Diploma in Computer Studies or Information Technology with a minimum 2 years experience.	Systems Analyst, Information Systems Professional/ Expert, Computer Engineering, Software Developer, ICT Manager, Control Systems Engineer, Decision Support Engineering, Information Engineering and Teaching. Web Designers & Developer, Data Administrator.
<b>Operations Research and Statistics</b> <i>(4 years)</i>	The minimum entry requirement is at least a pass in A Level Mathematics and a pass in any other science or commercial subject.	mining; OR in banking; OR in Industry; OR in the Public Sector; OR in Environmental issues.
<b>Sports Science and Coaching</b> <i>(4 years)</i> <i>(Full Time and block release)</i>	-‘A’ Level Biology and two other Science subjects: Chemistry, Mathematics, Physics or Geography. OR  -Diploma in Education sport studies, Physical Education, or any equivalent with a minimum of 2 years experience, International Coaching certificate at level 2 or above.	Teaching and Coaching, Research, Fitness Industry. Fitness instructors, Sport Psychologist, Sport Marketer, Sport Administrator, Exercise Physiologist, Sport Scientist. Sports Industry, Rehabilitation Centres,
<b>Radiography</b> <i>(4years)</i>	“A” Level Physics and any one of these, Mathematics, Biology and Chemistry.	Diagnostic & Therapeutic radiography, Industrial radiography, Radiation Protection authority, Environmental Radiation Pollution, Medical Physics, X-ray Manufacturing, Industry Ultrasonography, Medical Imaging.
<b>Forest Resources and Wildlife</b> <i>(4 years)</i>	2 ‘A’ Level passes in Biology, Chemistry, Mathematics, Physics or Geography.	Zimbabwe Forestry Commission, National Herbarium & Botanic Garden, Parks & Wildlife Authority, Rural District Council’s CAMPFIRE
<b>Informatics</b> <i>(4years)</i>	‘A’ Level mathematics and any other ‘A’ level Science subject	Information Systems, Systems Analyst, systems administrator, ICT administrator, Web Designer, Database manager, Database administrator, Data Analysis expert.

*For admission to any undergraduate programme, applicants normally should have passed the ZIMSEC/Cambridge School Certificate examination or equivalent, and have five ‘O’ Level subjects including English Language and Mathematics at grade ‘C’ or better.*



## National University of Science and Technology

Cnr Cecil Avenue/ Gwanda Road  
Bulawayo  
Zimbabwe

Phone: +263-9-282842  
Fax: +263-9-286803  
E-mail: [info@nust.ac.zw](mailto:info@nust.ac.zw)  
Website: [www.nust.ac.zw](http://www.nust.ac.zw)

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Degree Programme	Entry Requirements	Career Prospects ( <i>but are not limited to these</i> )
<b>Applied Biology and Biochemistry</b> <i>(4 years)</i> <i>- available on parallel</i>	A’ Level Biology and A’ Level Chemistry or their equivalents plus any other Science subject.	Food Industries, Brewing Industries, Pharmaceutical Industries, Research Institutions. University Teaching Assistants, University Technicians, Polytechnic Lecturers, Secondary School Teachers, Postgraduate Study.
<b>Applied Chemistry</b> <i>(4 years)</i>	‘A’ Level Chemistry and either ‘A’ Level Mathematics or ‘A’ Level Physics	Rubber and Plastic Industry, Textile Industry, Pulp and Paper Industry, Mining Industry, Paint Industry, Food Industry, Silica Industry, Cement Industry, Fertilizer Industry, Pharmaceutical Industry, Brewing Industries, Research.
<b>Environmental Science and Health</b> <i>(4 years)</i>	A pass at A’ Level Biology and either A’ Level in Chemistry, Geography, Physics or Mathematics, Agriculture, Food Science or equivalent.	Urban local authorities’ departments of Engineering & Planning Services, Department of Health Services, Rural District Councils, Mines, Environmental Non-Governmental Organisations (NGO), Environmental Consulting Firms, Research.
<b>Public Health</b>	-National Diploma in Environmental Health or any equivalent, with a minimum of 2 years work experience.	
<b>Applied Mathematics</b> <i>(4 years)</i>	A minimum entry requirement is at least a pass in A’ Level Mathematics and any other science subject.	Banking and Finance Sector (Retailers, Purchasing & Supply Management, Derivative & Foreign Exchange Traders.
<b>Applied Physics</b> <i>(4 years)</i>	‘A’ Level Physics and ‘A’ Level Mathematics	Optical Instrumentation, Electronics and Telecommunication, Hospitals, Low Temperature Engineering, Process. Control and Design of Machinery in the Manufacturing Industries, Avionics Engineering, Industrial Automation, Laser Technology, Renewable energy, Industrial Instrumentation.