

NATIONAL DEVELOPMENT HUMAN RESOURCE NEEDS OF TRINIDAD AND TOBAGO
(2015)

Course / Area of Study	Priority	DEGREE LEVEL		Comments
		Undergraduate	Postgraduate	
Agriculture				
Agricultural Science	2		Postgraduate	
Agronomy	2		Postgraduate	
Plant Pathology	1		Postgraduate	
Farm Management/Ranch Management	3		Postgraduate	
Fisheries Management	2		Postgraduate	
Forestry	3	Undergraduate		
Pest and Disease Management	3		Postgraduate	
Citrus Virology / Pathology	1		Postgraduate	Tenable through the Tropical Crop Protection Scholarship
Soil Science	2	Undergraduate		
PETROLEUM AND MINING				
Asset Integrity Management/Infrastructure Planning and Management/Critical Infrastructure Systems	1		Postgraduate	
Geographic Information Systems	1		Postgraduate	
Geology/Geophysics /Geosciences	1	Undergraduate	Postgraduate	
Petroleum Law	1		Postgraduate	
Mining Engineering	1		Postgraduate	
Mining Geology	1	Undergraduate		
Occupational Health and Safety	1	Undergraduate	Postgraduate	
Oil and Gas Management	1		Postgraduate	
Petroleum Economics and Management	1		Postgraduate	
Petroleum Engineering	1	Undergraduate	Post graduate	
Renewable Energy Engineering	1		Postgraduate	

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TRANSPORTATION, COMMUNICATION, ELECTRICITY AND WATER				
Electrical Engineering	3	Undergraduate	Postgraduate	
E-Governance	1		Postgraduate	
Hydraulic Engineering	3		Postgraduate	
Hydrology/Hydrological Engineering (Hydrometrics/Hydrogeology)	2	Undergraduate	Postgraduate	
Information Technology	3		Postgraduate	
Information Technology Policy	3		Postgraduate	
Utilities Engineering	3		Postgraduate	
Road Management and Engineering	1		Postgraduate	
Software Engineering	1	Undergraduate	Postgraduate	
Traffic Engineering	1		Postgraduate	
Telecommunications	2		Postgraduate	
Transportation Design and Planning	1		Postgraduate	
Water and Waste Water Engineering	1		Postgraduate	
CONSTRUCTION				
Architecture	1		Postgraduate	
Civil & Infrastructure Engineering	1	Undergraduate	Postgraduate	
Quantity Surveying	1	Undergraduate		

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AVIATION				
Aviation Management	3		Postgraduate	
Aircraft Maintenance Management/Engineering	3		Postgraduate	
Airframe and Power Plant Engineering	3		Postgraduate	
FINANCE, INSURANCE, REAL ESTATE AND BUSINESS SERVICES				
Actuarial Sciences	3	Undergraduate		
International Development Studies	1		Postgraduate	
Economics, Mathematical/Economic Modelling	1	Undergraduate	Postgraduate	
Finance	2	Undergraduate	Postgraduate	
Management and Regulation of Risk	1	Undergraduate	Postgraduate	
Project Management	1	Undergraduate	Postgraduate	
Operations Management	2	Undergraduate	Postgraduate	
Property and Facilities Management	2	Undergraduate	Postgraduate	
Strategic Procurement Management/Procurement and Contract Management	1	Undergraduate	Postgraduate	
EDUCATION				
Curriculum and Instruction	2		Postgraduate	
Dance/Drama/Theatre Arts/Music Education	1	Undergraduate		
Early Childhood Development/Early Childhood Care and Education	1	Undergraduate		
Education Testing and Evaluation	1		Postgraduate	
Educational Psychology	1		Postgraduate	
Physical Education	1	Undergraduate		
Special Education and Rehabilitation	2	Undergraduate	Postgraduate	
School Psychology	1		Postgraduate	
School Social Work	1	Undergraduate		

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Air-conditioning and Refridgeration	1	Undergraduate		
Automotive Engineering	1	Undergraduate		
Cabinet Making	1	Undergraduate		
Construction Carpentry	1	Undergraduate		
General Draughting (Technical Drawing)	1	Undergraduate		
Masonry	1	Undergraduate		
Mechanical Engineering	1	Undergraduate		
Plumbing	1	Undergraduate		
Welding	1	Undergraduate		
Dress Making and Design/Clothing & Textiles	1	Undergraduate		
Tailoring	1	Undergraduate		
General Cosmetology	1	Undergraduate		
SPORTS				
Sport Science	2		Postgraduate	
Sport Medicine/Sport Anti-Doping	2		Postgraduate	
Sport Law	2		Postgraduate	
Sport Coaching	2		Postgraduate	

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NATIONAL SECURITY				
Criminal Justice Management	2		Postgraduate	
Criminological Psychology	3		Postgraduate	
Network and Cyber Security	1		Postgraduate	
Police Leadership and Management	3		Postgraduate	
Disaster Preparedness and Management	2	Undergraduate	Postgraduate	
Forensic Auditing/ Evidence Gathering	1	Undergraduate	Postgraduate	
Forensic Chemistry	2	Undergraduate	Postgraduate	
Forensic Investigation	1	Undergraduate	Postgraduate	
Forensic Document Examination	1		Postgraduate	Tenable through the Forensic Scholarship
Forensic Pathology	1		Postgraduate	Tenable through the Forensic Scholarship
HEALTH				
Audiology	1		Postgraduate	Tenable through the Allied Health Scholarship
Biomedical Technology	1		Postgraduate	Tenable through the Allied Health Scholarship
Biostatistics	1		Postgraduate	Tenable through the Allied Health Scholarship
Cardiopulmonary Perfusion	1		Postgraduate	Tenable through the Allied Health Scholarship
Clinical Psychology	1		Postgraduate	Tenable through the Allied Health Scholarship
Dietetics/Nutrition (Hospital and Community)	1		Postgraduate	Tenable through the Allied Health Scholarship
Dental Public Health	1		Postgraduate	Tenable through the Allied Health Scholarship
Entomology	1		Postgraduate	Tenable through the Allied Health Scholarship

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Epidemiology	1		Postgraduate	Tenable through the Allied Health Scholarship
Health Administration/Hospital Administration	1	Undergraduate	Postgraduate	Tenable through the Allied Health Scholarship
Health Education/Health Promotion	1	Undergraduate	Postgraduate	Tenable through the Allied Health Scholarship
Health Economics	1		Postgraduate	Tenable through the Allied Health Scholarship
Health Informatics	1		Postgraduate	Tenable through the Allied Health Scholarship
Medical Laboratory Technology (MLT)	1		Postgraduate	Tenable through the Allied Health Scholarship
Medical Physics	1	Undergraduate	Postgraduate	Tenable through the Allied Health Scholarship
Medical and Psychiatric Social Work	1		Postgraduate	Tenable through the Allied Health Scholarship
Midwifery	1		Postgraduate	Tenable through the Allied Health Scholarship
	1		Postgraduate	Tenable through the Allied Health Scholarship
Nursing Oncology				
Nursing Practitioner - Mental Health	1		Postgraduate	Tenable through the Allied Health Scholarship
Occupational Therapy	1		Postgraduate	Tenable through the Allied Health Scholarship
Paediatric Nursing	1		Postgraduate	Tenable through the Allied Health Scholarship
Physiotherapy/Physical Therapy	1		Postgraduate	Tenable through the Allied Health Scholarship
Public Health	1		Postgraduate	Tenable through the Allied Health Scholarship
Radiography/Radiology	1		Postgraduate	Tenable through the Allied Health Scholarship

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Respiratory Therapy	1		Postgraduate	Tenable through the Allied Health Scholarship
Speech and Language Therapy/Pathology	1		Postgraduate	Tenable through the Allied Health Scholarship
Medical Sub Speciality - Intensive car/Critical care - Adult intensive care - Paediatric Care	1		Postgraduate	Tenable through the Health Sector Sub Specialty Scholarship
Medical Sub Specialty - Neonatology	1		Postgraduate	Tenable through the Health Sector Sub Specialty Scholarship
Medical Sub Specialty - Interventional cardiology and Electrophysiology cardiology	1		Postgraduate	Tenable through the Health Sector Sub Specialty Scholarship
Medical Sub Specialty - Cardiac surgery	1		Postgraduate	Tenable through the Health Sector Sub Specialty Scholarship
Medical Sub Specialty - Neurosurgery	1		Postgraduate	Tenable through the Health Sector Sub Specialty Scholarship
Medical Sub Specialty - Vascular surgery	1		Postgraduate	Tenable through the Health Sector Sub Specialty Scholarship
Medical Sub Specialty - Oncology - Adult - Paediatric	1		Postgraduate	Tenable through the Health Sector Sub Specialty Scholarship
Medical Sub Specialty - Clinical haematology	1		Postgraduate	Tenable through the Health Sector Sub Specialty Scholarship
Medical Sub Specialty - Radiology - Interventional Radiology - Interventional Neuroradiology;	1		Postgraduate	Tenable through the Health Sector Sub Specialty Scholarship
Medical Sub Specialty Paediatric cardiology	1		Postgraduate	Tenable through the Health Sector Sub Specialty Scholarship
Medical Sub Specialty Nephrology	1		Postgraduate	Tenable through the Health Sector Sub Specialty Scholarship

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Medical Sub Specialty Ophthalmology	1		Postgraduate	Tenable through the Health Sector Sub Specialty Scholarship
Medical Sub Specialty Urology	1		Postgraduate	Tenable through the Health Sector Sub Specialty Scholarship
Medical Sub Specialty Endocrinology	1		Postgraduate	Tenable through the Health Sector Sub Specialty Scholarship
Medical Sub Specialty - Gastroenterology - Adult - Paediatric	1		Postgraduate	Tenable through the Health Sector Sub Specialty Scholarship
Medical Sub Specialty - Oromaxillofacial surgery	1		Postgraduate	Tenable through the Health Sector Sub Specialty Scholarship
Medical Sub Specialty - Rheumatology/Physical Medicine	1		Postgraduate	Tenable through the Health Sector Sub Specialty Scholarship
Medical Sub Specialty- Pathology - Anatomical - Forensic	1		Postgraduate	Tenable through the Health Sector Sub Specialty Scholarship
Medical Sub Specialty - Neurology	1		Postgraduate	Tenable through the Health Sector Sub Specialty Scholarship
Medical Sub Specialty - Paediatric and Adolescent Psychiatry	1		Postgraduate	Tenable through the Health Sector Sub Specialty Scholarship
Medical Sub Specialty – Developmental Paediatrics	1		Postgraduate	Tenable through the Health Sector Sub Specialty Scholarship
Medical Sub Specialty – Plastics and Burns	1		Postgraduate	
Accident and Emergency Specialty (Adult)	1		Postgraduate	
Anaesthetics	3		Postgraduate	
Anaesthetics/ICU	1		Postgraduate	
Biomedicine	1		Postgraduate	

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Cardio-thoracic Surgery/Cardiac Surgery/Thoracic Surgery	1		Postgraduate	
Clinical Immunology	1		Postgraduate	
Clinical Microbiology	1		Postgraduate	
Clinical Pharmacy	1		Postgraduate	
Clinical Virology	1		Postgraduate	
Child and Family Mental Health/Child Psychology	1		Postgraduate	
Child and Adolescent Psychiatry	1		Postgraduate	
Cytoscreening	1		Postgraduate	
Diabetes Education and Management	1		Postgraduate	
Diabetes Nursing	2		Postgraduate	
Dentistry	1		Postgraduate	
Dermatology	1		Postgraduate	
Dosimetry	1		Postgraduate	
Electro Physiology	1		Postgraduate	
Endovascular/Vascular Surgery	1		Postgraduate	
ENT Surgery Head and Neck	1		Postgraduate	
Family Health	1		Postgraduate	
Forensic Psychiatry	1		Postgraduate	
Gastrointestinal Radiology	1		Postgraduate	
General Internal Medicine	1		Postgraduate	
Geriatric Medicine	1		Postgraduate	
Genitourinary Medicine	1		Postgraduate	
Genetic Counselling	1		Postgraduate	
Health Care Evaluation and Needs Assessment	1		Postgraduate	
Health Care Policy and Management	1		Postgraduate	
Health Care Quality and Management	1		Postgraduate	

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Health Planning	3		Postgraduate	
Haematology	1		Postgraduate	
Health Policy, Planning and Financing	1		Postgraduate	
HIV/AIDS Management	1		Postgraduate	
Hospital Management	3		Postgraduate	
Hospital Nursing Management	1		Postgraduate	
Immunology	1		Postgraduate	
Infectious Diseases	1		Postgraduate	
Infection Control Nursing	1		Postgraduate	
Internal Medicine	1		Postgraduate	
Interventional Gastroenterology	1		Postgraduate	
Interventional Gastro Radiology	1		Postgraduate	
Laparoscopy	1		Postgraduate	
Maternal and Fetal Medicine	1		Postgraduate	
Medicine	1		Postgraduate	
Medical Epidemiology	1		Postgraduate	
Medical Microbiology	1		Postgraduate	
Medical Oncology	1	Undergraduate		
Microbiology	1	Undergraduate		
MRI Radiology	1		Postgraduate	
Neurology	2		Postgraduate	
Neuropsychology	1		Postgraduate	
Neuroradiology	1	Undergraduate		
Nursing - General	1		Postgraduate	
Nursing Practitioner - Family Health	1		Postgraduate	
Nursing Practitioner - Nephrology	1		Postgraduate	
Obstetrics & Gynaecology	1		Postgraduate	

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Oculoplastic Surgery	1		Postgraduate	
Ophthalmology (Paediatric, Vitreo Retinal/Anterior Segment)	1		Postgraduate	
Optometry	1		Postgraduate	
Otolaryngology	1		Postgraduate	
Orthopaedic/Orthopaedic Surgery	1		Postgraduate	
Oral and Maxillofacial Surgery	1		Postgraduate	
Paediatrics	1		Postgraduate	
Paediatric Medicine	1		Postgraduate	
Paediatric Neurology	1		Postgraduate	
Paediatric Nephrology	1		Postgraduate	
Paediatrics Pulmonary Care	1		Postgraduate	
Paediatric Pulmonary Medicine	1		Postgraduate	
Paediatric Oncology	1		Postgraduate	
Paediatric Orthopaedics	1		Postgraduate	
Paediatrics Surgery/Emergency	1		Postgraduate	
Pathology	1		Postgraduate	
Pharmacology	1		Postgraduate	
Phlebotomy	1		Postgraduate	
Pulmonary Medicine/Reparatory/Respirology/Chest Medicine	1		Postgraduate	
Psychiatric Social Work	1		Postgraduate	
Psychiatry	1		Postgraduate	
Radiation Oncology	1		Postgraduate	
Statistics and Health Information	1		Postgraduate	
Spiral Orthopaedics	1		Postgraduate	

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Surgery -General	1		Postgraduate	
Theatre Nursing	1		Postgraduate	
Transfusion Medicine	1		Postgraduate	
Ultra-sonography	1		Postgraduate	
Urology	1		Postgraduate	
Veterinary Science	1		Postgraduate	
Vitreo-Retinal Eye Surgery	1		Postgraduate	
Analytical Chemistry	2		Postgraduate	
Archival and Records Management	1		Postgraduate	
Applied Meteorology and Climatology (Specialization in Agricultural Meteorology)	3		Postgraduate	
Applied Meteorology and Climatology (Specialization in Marine Meteorology)	2		Postgraduate	
International Trade Negotiations	3		Postgraduate	
Legislative Drafting	1		Postgraduate	
Marketing Management	3	Undergraduate		
Media, Communications and Journalism	2	Undergraduate		
Organisation Development and Change	1		Postgraduate	
Supply Chain Management	3		Postgraduate	
Poverty Reduction	1		Postgraduate	
Public Policy Planning and Development	2		Postgraduate	
Public Health	2		Postgraduate	
Strategic Public Sector Management/Administration/Development	2		Postgraduate	
Behavioural Psychology	1		Postgraduate	

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Biosecurity and Food Safety	3		Postgraduate	
Business Process Management/ Business Process re-engineering	1		Postgraduate	
Business Analytics	2		Postgraduate	
Child Protection	2		Postgraduate	
Child and Family Law	2		Postgraduate	
LLM in Alternative Dispute Resolution	2		Postgraduate	
Climate Change	3	Undergraduate	Postgraduate	
Corporate Governance and Corporate Social Responsibility	3		Postgraduate	
Counselling	1		Postgraduate	
Conservation Management	3		Postgraduate	
Demography/ Population Studies	2	Undergraduate		
Environmental Studies	3		Postgraduate	
Entrepreneurship, Competitiveness and Innovation	2		Postgraduate	
Family Counselling	1		Postgraduate	
Green Technology	2	Undergraduate		
Human Resource Development /Human Resource Management	1		Postgraduate	
Heritage Studies/Cultural Studies	1		Postgraduate	

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Human Rights and Gender	1		Postgraduate	
Industrial Psychology	2		Postgraduate	
Industrial Relations/ Labour Law	1		Postgraduate	Tenability through the Social Work Scholarship
Addiction Psychology and Counselling	1		Postgraduate	Tenability through the Social Work Scholarship
Applied Social and Health Psychology	1	Undergraduate	Postgraduate	Tenability through the Social Work Scholarship
Child Psychology	1		Postgraduate	Tenability through the Social Work Scholarship
Gerontology	1	Undergraduate	Postgraduate	Tenability through the Social Work Scholarship
Social Work	1	Undergraduate	Postgraduate	Tenability through the Social Work Scholarship
Social Policy Planning	2	Undergraduate	Postgraduate	Tenability through the Social Work Scholarship
Alcohol and Drug Policy	1		Postgraduate	Tenability through the Social Work Scholarship
Drug and Substance Abuse	1	Undergraduate		Tenability through the Social Work Scholarship
Development Statistics	1		Postgraduate	Tenability through the Social Work Scholarship
Communication for Social and Behaviour Change	1		Postgraduate	Tenability through the Social Work Scholarship
Social Research Methods/Social Research and Evaluation	1		Postgraduate	Tenability through the Social Work Scholarship
Sociology	3	Undergraduate		
Statistics	1		Postgraduate	
Sustainable Development	2		Postgraduate	
Urban Drainage Management/Engineering	1		Postgraduate	

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Urban and Regional Planning	1	Undergraduate	Postgraduate	
Youth Development	1		Postgraduate	
Decision Sciences	2	Undergraduate		
Critical Thinking	2		Postgraduate	
Monitoring and Evaluation	1		Postgraduate	
CULTURAL COMMUNITY SERVICES AND PERSONAL SERVICES, DANCE, THEATRE AND FILM				
Creative Writing	1	Undergraduate		
Drama and Theatre Arts	2	Undergraduate		
Dance	2	Undergraduate		
Dance Therapy	3		Postgraduate	
Fashion and Costume Design	3	Undergraduate		
Intellectual Property	2		Postgraduate	
Music	2	Undergraduate		
Music Therapy	3		Postgraduate	
Visual Arts	3	Undergraduate		
Film Production	1	Undergraduate		
Acting for Film	1	Undergraduate		
Screenwriting	1	Undergraduate		

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Animation	1	Undergraduate		
Museology /Museum Management	2	Undergraduate	Postgraduate	
Archaeology	3		Postgraduate	
Curating/Collection Development & Management	3		Postgraduate	
ASSEMBLY TYPE AND RELATED INDUSTRIES AND TEXTILES				
Production Management	3	Undergraduate		
HOTELS, GUEST HOUSES AND TOURISM				
Eco-Tourism	2	Undergraduate		
Hotel Management	3	Undergraduate		
Recreation, Sport and Tourism Management	3	Undergraduate		

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LEGEND	
There is an absolute dearth of professionals in this particular area at the undergraduate and postgraduate levels. Demand exceeds supply over 60%.	1
The demand for trained professionals in this area exceeds the supply by approximately 30% to 40% at the undergraduate and post graduate levels.	2
There is an adequate supply of trained professionals in the area. Supply regularly meets the demand required at both the undergraduate and post graduate levels.	3
<ul style="list-style-type: none"> • NB: Where there is no scholarship specified, applicants may apply under any other scholarship to pursue the course of study once eligible. 	