

REVISED INTERIM			
NATIONAL DEVELOPMENT HUMAN RESOURCE NEEDS OF TRINIDAD AND TOBAGO (July 2014)			
AREA OF STUDY	PRIORITY GROUP	UNDERGRADUATE	POST GRADUATE
AGRICULTURE			
Agricultural Science	2		√
Agronomy	2		√
Plant Pathology	1		√
Farm Management/Ranch Management	3		√
Fisheries Management	2		√
Forestry	3	√	
Pest and Disease Management	3		√
Soil Science	2	√	
PETROLEUM AND MINING			
Asset Integrity Management/Infrastructure Planning and Management/Critical Infrastructure Systems	1		√
Chemical Engineering/Chemical and Process Engineering	3		√
Geographic Information Systems	1		√
Geology/Geophysics /Geosciences	1	√	
Petroleum Law	1		√
Mining Engineering	1	√	
Mining Geology	1	√	
Occupational Health and Safety	1	√	√
Oil and Gas Management	1		√
Petroleum Economics and Management	1		√
Petroleum Engineering	1	√	√
Renewable Energy Engineering	1		√
TRANSPORTATION , COMMUNICATION, ELECTRICITY AND WATER			
Electrical Engineering	2	√	
E-Governance	1		√
Hydraulic Engineering	3		√
Hydrology/Hydrological Engineering (Hydrometrics/Hydrogeology)	3		√
Information Technology	3		√
Information Technology Policy	3		√
Infrastructure and Utilities Engineering	3	√	√
Mechanical Engineering	3	√	
Road Management and Engineering	1		√
Software Engineering	1	√	√
Traffic Engineering	1		√
Telecommunications	1	√	√
Transportation Design and Planning	1		√
Water and Waste Water Engineering	1		√

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CONSTRUCTION			
Architecture	3	√	
Civil Engineering	1	√	√
Quantity Surveying	1	√	
AVIATION INDUSTRY			
Aviation Management	3		√
Aircraft Maintenance Management/Engineering	3		√
Airframe and Power Plant Engineering	3		√
FINANCE, INSURANCE, REAL ESTATE AND BUSINESS SERVICES			
Actuarial Sciences	3	√	
International Development Studies	1		√
Economics, Mathematical/Economic Modeling	1	√	√
Finance	2	√	√
Management and Regulation of Risk	1	√	√
Project Management	1	√	√
Operations Management	2	√	√
Property and Facilities Management	2	√	√
Strategic Procurement Management/Procurement and Contract Management	1		√
CENTRAL AND LOCAL GOVERNMENT			
EDUCATION			
Curriculum and Instruction	2		√
Dance/Drama/Theatre Arts/Music Education	1	√	
Early Childhood Development/Early Childhood Care and Education	1	√	
Education Testing and Evaluation	1		√
Educational Psychology	1		√
Physical Education	1	√	
Special Education and Rehabilitation	2	√	√
School Psychology	1		√
School Social Work	1	√	
SPORTS			
Sport Science	2		√
Sport Medicine	2		√
Sport Anti-Doping	2		√
NATIONAL SECURITY			
Criminal Justice Management	2		√
Criminological Psychology	3		√
Network and Cyber Security	1		√
Police Leadership and Management	3		√
Disaster Preparedness and Management	2		√
Forensic Auditing/ Evidence Gathering	1	√	√
Forensic Chemistry	2	√	√

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Forensic Investigation	1	√	√
Forensic Pathology	1		√
HEALTH (Postgraduate Studies in this area includes Masters and Fellowships)			
Accident and Emergency Specialty (Adult)	1		√
Anaesthetics	1		√
Anaesthetics/ICU	3		√
Audiology	2		√
Biomedicine	1		√
Biomedical Technology	1		√
Biostatistics	2		√
Cardiology/Interventional	1		√
Cardiopulmonary Perfusion	1		√
Cardio-thoracic Surgery/Cardiac Surgery/Thoracic Surgery	1		√
Clinical Haematology	1		√
Clinical Immunology	1		√
Clinical Microbiology	1		√
Clinical Psychology	1		√
Clinical Pharmacy	1		√
Clinical Virology	1		√
Child and Family Mental Health/Child Psychology	1		√
Child and Adolescent Psychiatry	1		√
Cytoscreening	1		√
Dietetics/Nutrition (Hospital and Community)	1		√
Diabetes Education and Management	1		√
Diabetes Nursing	1		√
Dentistry	2		√
Dental Public Health	2		√
Dermatology	1		√
Dosimetry	1		√
Electro Physiology	1		√
Endocrinology	1		√
Endovascular/Vascular Surgery	1		√
Entomology	2		√
ENT Surgery Head and Neck	1		√
Epidemiology	2		√
Family Health	1		√
Forensic Psychiatry	1		√
Gastroenterology	2		√
Gastrointestinal Radiology	1		√
General Internal Medicine	1		√
Geriatric Medicine	1		√
Genitourinary Medicine	1		√
Genetic Counselling	1		√
Health Administration/Hospital Administration	1		√
Health Care Evaluation and Needs Assessment	1		√
Health Care Policy and Management	1		√
Health Care Quality and Management	1		√
Health Education/Health Promotion	2	√	√
Health Economics	3		√

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Health Informatics	3		√
Health Planning	3		√
Haematology	1		√
Health Policy, Planning and Financing	1		√
HIV/AIDS Management	1		√
Hospital Management	3		√
Hospital Nursing Management	1		√
Immunology	1		√
Infectious Diseases	1		√
Infection Control Nursing	1		√
ICU Speciality (Intensive Care Medicine)	1		√
Internal Medicine	1		√
Interventional Gastroenterology	1		√
Interventional Radiology	1		√
Interventional Gastro Radiology	1		√
Laparoscopy	1		√
Maternal and Fetal Medicine	1		√
Medicine	1		√
Medical Laboratory Technology (MLT)	1		√
Medical Epidemiology	1		√
Medical Microbiology	1		√
Medical Oncology	1		√
Medical Physics	2		√
Medical and Psychiatric Social Work	1		√
Microbiology	1	√	
Midwifery	3		√
MRI Radiology	1	√	
Neonatology	1		√
Nephrology	2		√
Neurology	1		√
Neuropsychology	1		√
Neuroradiology	1		√
Neurosurgery	1		√
Nursing - General	2	√	
Nursing Oncology	1		√
Nursing Practitioner - Family Health	1		√
Nursing Practitioner - Mental Health	2		√
Nursing Practitioner - Nephrology	1		√
Obstetrics & Gynecology	1		√
Clinical and Radiation Oncology	1		√
Oculoplastic Surgery	1		√
Occupational Therapy	1		√
Oncology/Oncology Surgery	1		√
Ophthalmology (Paediatric, Vitreo Retinal/Anterior Segment)	1		√
Optometry	1		√
Otolaryngology	1		√
Orthopedic/Orthopedic Surgery	1		√
Oral and Maxillofacial Surgery	1		√
Paediatrics	1		√
Paediatric Cardiology	1		√

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Paediatric Medicine	1		√
Paediatric Neurology	1		√
Paediatric Nephrology	1		√
Paediatric Nursuing	1		√
Paediatrics Pulmonary Care	1		√
Paediatric Pulmonary Medicine	1		√
Paediatric Oncology	1		√
Paediatric Orthopaedics	1		√
Paediatrics Surgery/Emergency	1		√
Pathology	1		√
Pharmacology	1		√
Phlebotomy	1		√
Physiotherapy/Physical Therapy	1		√
Plastic and Burns surgery	1		√
Public Health	2		√
Medicine	1		√
Psychiatric Social Work	1		√
Psychiatry	1		√
Radiation Oncology	1		√
Radiography/Radiology	1		√
Respiratory Therapy	3		√
Rheumatology/Physical Medicine	1		√
Statistics and Health Information	1		√
Speech and Language Theraphy/Pathology	2		√
Spiral Orthopaedics	1		√
Surgery -General	1		√
Theatre Nursing	1		√
Transfusion Medicine	1		√
Ultra-sonography	1		√
Urology	1		√
Veterenary Science	1		√
Vitreo-Retinal Eye Surgery	1		√
OTHER AREAS			
Addiction Psychology and Counselling	1		√
Analytical Chemistry	2		√
Archival and Records Management	1		√
Applied Social and Health Psychology	2		√
Applied Meterology and Climatology (Specialization in Agricultural Meterology)	3		√
Applied Meterology and Climatology (Specialization in Marine Meterology)	3		√
Behavioral Psychology	1		√
Child Psychology	1		√
Biosecurity and Food Safety	3		√
Business Process Management	2		√
Child Protection	1		√
Climate Change	3	√	√
Corporate Governance and Corporate Social Responsibility	3		√
Counselling	1		√

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Conservation Management	3		√
Demography/ Population Studies	3	√	
Environmental Studies	3		√
Entrepreneurship, Competitiveness and Innovation	2		√
Family Counselling	2		√
Green Technology	2	√	
Gerontology	1	√	√
Human Resource Development	1		√
Heritage Studies	1		√
Human Rights and Gender	1		√
Industrial Psychology	2		√
Industrial Relations/Employee Relations	1		√
International Trade Negotiations	3		√
Leadership and Governance	2		√
Legislative Drafting	1		√
Marketing Management	3	√	
Media, Communications and Journalism	2	√	
Occupational Therapy	2	√	√
Organisation Development and Change	1		√
Procurement and Supply Chain Management	3	√	
Poverty Reduction	1		√
Public Policy Planning and Development	2		√
Public Health	2		√
Strategic Public Sector Management/Administration/Development	2		√
Social Work	1	√	√
Social Policy Planning	2	√	√
Sociology	3	√	
Statistics	2		√
Sustainable Development	2		√
Urban Drainage Management/Engineering	1		√
Urban and Regional Planning	3	√	√
Youth Development	1		√
Decision Sciences	2	√	
Critical Thinking	2		√
CULTURAL COMMUNITY SERVICES AND PERSONAL SERVICES, DANCE, THEATRE AND FILM			
Creative Writing	1	√	
Drama and Theatre Arts	2	√	
Dance	2	√	
Dance Therapy	3		√
Fashion and Costume Design	3	√	
Intellectual Property	2		√
Music	2	√	
Music Therapy	3		√
Visual Arts	3	√	
ASSEMBLY TYPE AND RELATED INDUSTRIES AND TEXTILES			
Production Management	3	√	

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HOTELS, GUEST HOUSES AND TOURISM			
Eco-Tourism	2	√	
Hotel Management	3	√	
Recreation, Sport and Tourism Management	3	√	
LEGEND			
Represents the Level of the Skill Required for the Specific Area of Study.			√
There is an absolute dearth of professionals in this particular area at the undergraduate and post graduate levels. Demand exceeds supply by 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