UNIVERSITY OF KWAZULU-NATAL™
INYUVESI YAKWAZULU-NATALI

COLLEGE OF HEALTH SCIENCES

UNDERGRADUATE INFORMATION

BROCHURE

INSPIRING GREATNESS

REACHT

What is REACHT ?

REACHT inspires staff to adopt **impeccable behaviour** and **excellence** in the workplace and embodies the University's aspiration for **institutional success** through **six shared values** that embrace the **spirit of Ubuntu.**

RESPECT is a positive feeling of esteem for a person or entity

EXCELLENCE is perfecting what one does best.

ACCOUNTABILITY is to take responsibility for one's decisions and actions.

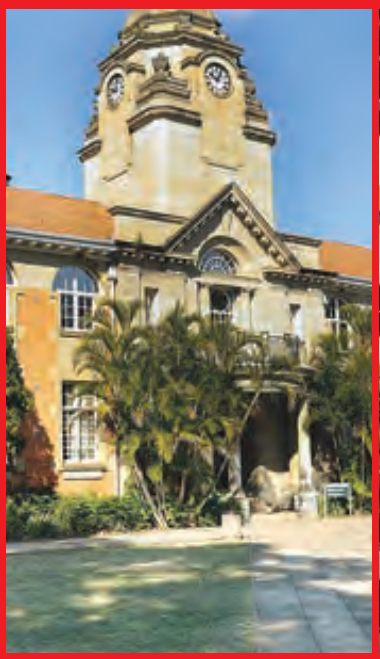
CLIENT-ORIENTATION is to provide quality, efficient and timeous service to the public.

HONESTY is to proceed with integrity and uphold high ethical and moral standards.

TRUST is to act in a manner that shows one is reliable in what one says, accepts responsibility for one's actions and takes care not to do harm to anyone or anything.

RESPECT EXCELLENCE ACCOUNTABILITY CLIENT-ORIENTATION HONESTY TRUST

For more information, visit: www.ukzn.ac.za/reacht-2017



INTRODUCTION
TO THE UNIVERSITY OF KWAZULU-NATAL

UKZN is ranked in the top 3% of the world's universities. The University has a worldwide reputation for academic excellence in teaching and research, and degrees offered have international standing. The University has formal links, exchange programmes and collaborative teaching and research programmes with many other universities around the globe. Some examples are below.

The multi-million rand Africa Health Research Institute (AHRI) and the internationally award winning Centre for the Aids Programme of Research in South Africa (CAPRISA) as well as the Kwazulu-Natal Research Innovation and Sequencing Platform (KRISP) whose scientists discovered the Omicron coronavirus strain. This centre is leading in genomic sequencing in Africa and beyond.

UKZN has five campuses. The degree programme you choose determines where you study. Most campuses are close to a number of shopping centres, entertainment and recreational areas
The Edgewood Campus is in Pinetown. It is the University's primary site for teacher education. The Howard College Campus is situated in Glenwood in Durban, with spectacular views

The Nelson R Mandela School of Medicine in Umbilo, Durban, offers hands-on, problem-based, practical and relevant training to those interested in pursuing the MBChB programme. The Pietermaritzburg Campus is in Scottsville and offers a relaxed atmosphere with a great vibe. Pietermaritzburg is located in the KwaZulu-Natal Midlands, close to numerous nature reserves and parks. Unique to the Pietermaritzburg campus are the disciplines of Agriculture, Theology and Visual Arts.

The Westville Campus is in the surburb of Westville, about eight kilometres from the CBD of Durban and Pinetown. The Westville campus offers programmes in Science, Management Studies and Health Sciences.

UKZN will recognise academic excellence by awarding eight points to a subject with a performance level of 90-100%. Please see the table below:

Calculation of Composite Academic Performance Score (NSC-Deg)

NSC Rating (Level of Performance)	NSC Percentage	Points Value for Calculation of UKZN APS	Adjusted Percentages for UKZN APS Calculation
7	80% to 100%	7	80% to 100%
6	70% to 79%	6	70% to 79%
5	60% to 69%	5	60% to 69%
4	50% to 59%	4	50% to 59%
3	40% to 49%	3	40% to 49%
2	30% to 39%	2	30% to 39%
1	0% to 29%	1	0% to 29%

Please see example of calculation of APS below:

Subject	Performance Rating	APS Value
Home Language	5	5
First Additional Language	6	6
Life Orientation	4	0
Mathematics	5	5
Accounting	6	6
Business Studies	6	6
Computer Applications Technology	7	7
	Total APS	**35**

ADMISSIONS CRITERIA

Please consult with the relevant Student Academic Officer regarding the admissions criteria.

Programme Name	CAO Code	Entry Requirements	APS Range	Duration
B Audiology	KN-W-BPA	NSC Deg with Engl and LO 4 and Maths 3 and Life Sci or Phys Sci 3 *(Choices 1-3 only)*	From 48 to 30	4 yrs
B Speech-Language Therapy	KN-W-BPB	NSC Deg with Engl and LO 4 and Maths 3 and Life Sci or Phys Sci 3 *(Choices 1-3 only)*	From 48 to 30V	4 yrs
B Dental Therapy	KN-W-BDT	NSC Deg with Engl and LO 4 and Life Sci and Maths 3 *(Choices 1-3 only)*	From 48 to 30	3 yrs
BSc Dietetics and Human Nutrition	KN-P-BSD	NSC-Deg with Engl, LO, Maths 4 & Agric Sci or Life Sci or Phys Sci 4	From 48 to 28	4 yrs
B Medical Science: Anatomy	KN-W-MBS	NSC Deg with Engl and LO and Life Sci and Maths and Phys Sci 4 *(Choices 1, 2 and 3 will be prioritised)*	From 48 to 30	3 yrs
B Medical Science: Physiology	KN-W-SBF	NSC Deg with Engl and LO and Maths and Life Sci and Phys Sci 4 *(Choices 1, 2 and 3 will be prioritised)*	From 48 to 30	3 yrs
B Medicine and Surgery	KN-M-MBC	NSC Deg with Maths, Phys Sci, Life Sci and Engl at Level 5, LO 4 and an aggregate of 65%		6 yrs
B Nursing	KN-H-BN1	NSC Deg with Engl and LO 4, Life Sciences 4 and Maths/Maths Lit 3 *(Choice 1 only)*	From 48 to 30	4 yrs
B Occupational Therapy	KN-W-BOT	NSC Deg with Engl and LO 4 and Maths 3 and Life Sci or Phys Sci 3 *(Choices 1-3 only)*	From 48 to 30	4 yrs
B Optometry	KN-W-BOP	NSC Deg with Engl and LO and Maths 4 and Life Sci or Phys Sci 4 *(Choices 1-3 only)*	From 48 to 33	4 yrs

Programme Name	CAO Code	Entry Requirements	APS Range	Duration
B Oral Hygiene	KN-W-BON	NSC Deg with Engl and LO 4 and Life Sci and Maths 3 *(Choices 1-3 only)*	From 48 to 30	3 yrs
B Pharmacy	KN-W-BPR	NSC Deg with Engl and Life Sci and LO and Maths and Phys Sci 4 *(Choices 1 - 3 only)*	From 48 to 33	4 yrs
B Physiotherapy	KN-W-BPH	NSC Deg with Engl and LO and Maths and Life Sci and Phys Sci 4 *(Choices 1 -3 only)*	From 48 to 30	4 yrs
B Sport Science	KN-W-BRT	NSC Deg with Engl and LO 4 and Maths/ Maths Lit 3	From 48 to 30	3 yrs

DISCLAIMER

The admission requirements listed in this publication are minimum requirements and achievement of these requirements does not guarantee that an applicant will be offered a place. Furthermore, UKZN reserves its rights to make amendments to admission requirements if and when necessary.

It reserves the right to change or withdraw, wholly or in part, the delivery of programmes on certain sites of delivery. Applicants for, and students in programmes affected, will be informed well in advance of the commencement of their studies for the academic year concerned.

DE-CENTRALISED TRAINING
CLINICAL PLACEMENTS (DCTP)

Note that all students in all the College of Health Sciences programmes are required to undergo clinical training / placements at training sites located at areas outside of Durban including at some rural settings. This forms part of their mandatory HPCSA / SAPC / SANC clinical training. Such placements are compulsory, non-negotiable, may be on a rotational and /or longitudinal basis and may extend up to a year or longer. Whilst the University/College of Health Sciences will provide clinical training in collaboration with the KZN Department of Health, in line with UKZN regulations; students are responsible for the cost of travel, accommodation and the basic costs of living, as applicable to and in the placement site.

MESSAGE FROM THE DEPUTY VICE-CHANCELLOR

Throughout South Africa there is a need to optimize service delivery and increase the number of Health Care Professionals (HCP) in all cadres across the health spectrum. The province of KwaZulu-Natal (KZN) as a rural province and with a huge burden of disease, has a specific need for service delivery which should ideally support clinical training. The principles for supporting the National Health Insurance (NHI) by following a Primary Health Care (PHC) approach has been accepted by UKZN and the KZN Department of Health (DoH) for training of all HCPs. The KZN DoH and College of Health Sciences (CHS) of UKZN have developed a decentralized clinical training approach which seeks to enhance clinical training to be relevant to the South African context.

As such, it is compulsory for all our College of Health Sciences students to serve in our Decentralised Clinical Training sites (Port Shepstone, Madadeni, Empangeni, Newcastle, Stanger, Dundee, Pietermaritzburg) as well as a range of hospitals in deep rural areas such as the Church of Scotland and Bethesda hospitals.

We want to ensure that our students are best equipped for their professional career as a Health Care professional. Embedded in the pedagogy are basic values associated with community practice include; cultural diversity and understanding, self-determination and empowerment, development of acritical consciousness, mutual learning and partnership with constituents and a commitment to social justice and the equal distribution of resources.

Welcome to the College of Health Sciences.

VISION

We are a progressive, caring, ethical and socially responsive College underpinned by the principles of universal healthcare and excellent scholarship.

MISSION

Our mission is to be a socially responsive college providing a holistic experience of excellence in health professions education, research, innovation, entrepreneurship, community and stakeholder engagement and health services.

VALUES

We are underpinned by a number of values including:

Respect WITH CARE.

Accountability WITH ETHICS.

Client Orientation WITH INCLUSIVE DIVERSITY.

Excellence WITH ENTHUSIASM.

Honesty WITH INTEGRITY.

Trust.

We are a caring college,
that advocates for social justice and excellence.

UKZN'S HEARTBEAT

INSPIRING GREATNESS

IMPORTANT INFORMATION FOR STUDENTS

WHILE IN HOSPITAL

- Students to wear their white coats at all times during hospital hours.
- Student's cars will not be allowed inside hospital premises.
- Students are expected to display their student cards at all times.

CONNECTIVITY

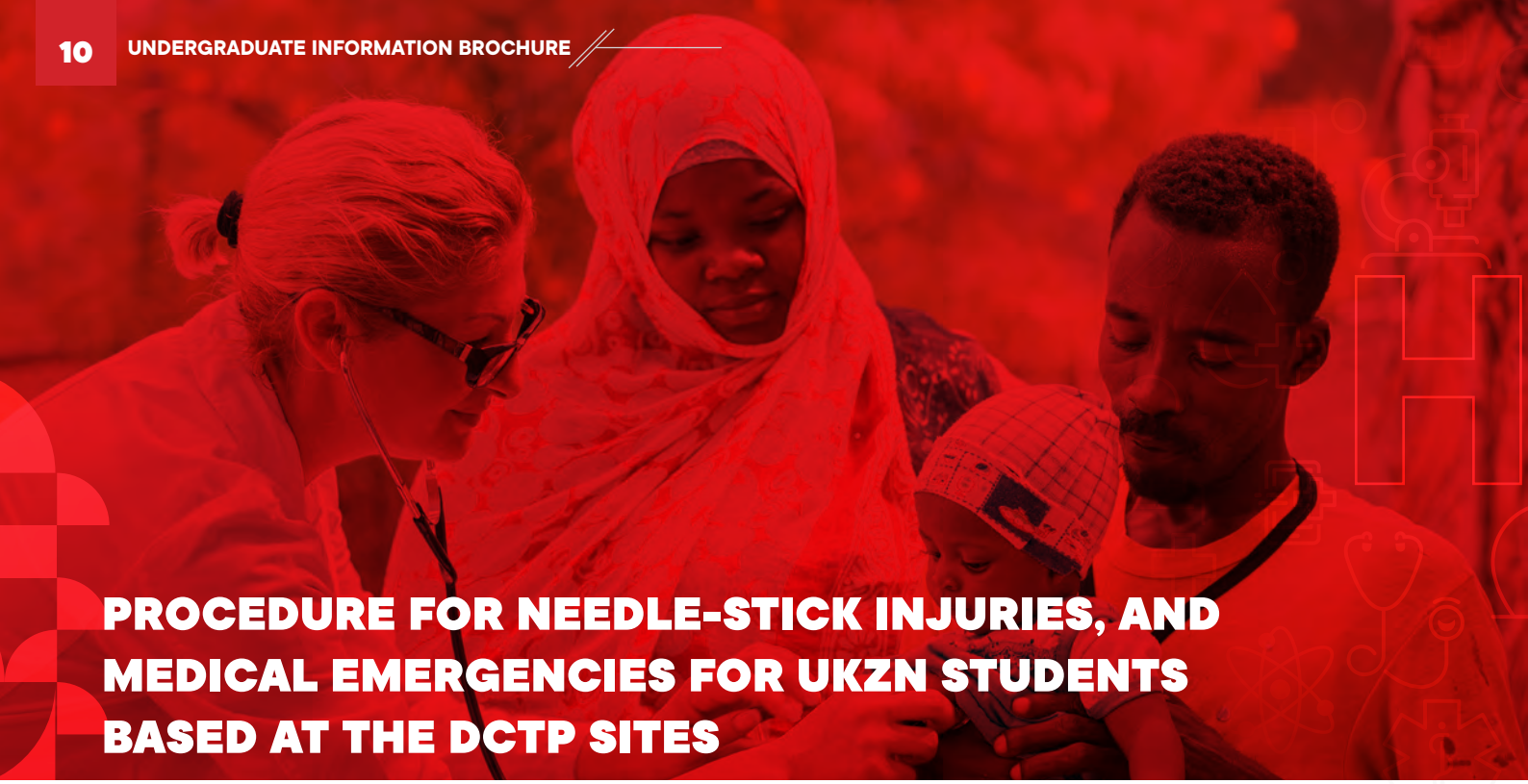
- UKZN LAN connectivity, printing facilities and WiFi is provided.
- Free WiFi connectivity is also provided to students in the residences.

TRANSPORT

- Transport is provided to and from the hospitals as well as all intake sites.
- Students are encouraged to be punctual as transport functions on predefined schedules.

STUDENT CONDUCT

- All UKZN students are expected to comply with the "Rules for Students."
- Students in the CHS pursuing degrees involving clinical work are expected to act in accordance with the ethical norms laid down by the HPCSA.
- Students presenting with Impairment (physical, mental) impacting on fitness to practice and/or unprofessional conduct on-campus, off-campus, in hospitals, clinics and in public spaces, that may as a result bring the institution into disrepute, will be managed according to University Rules, the HPCSA stipulations and the College Policy on "Fitness to Practice."



PROCEDURE FOR NEEDLE-STICK INJURIES, AND MEDICAL EMERGENCIES FOR UKZN STUDENTS BASED AT THE DCTP SITES

- Incidents of needle stick injuries and other medical emergencies will be managed according to the respective hospitals Occupation Health

- IMMEDIATELY following the incident: Report the event to the supervising consultant on site who will inform the Medical Manager

- Inform the UKZN Occupational Health Office at the Student Health Clinic in Durban the next working day (office hours only)

OUR PURPOSE

- SSS plays a critical role in enhancing the wellness, holistic growth and development of students.
- We provide students with constructive help to support them as they navigate their way through their journey from 1st year through to graduation.
- Our Services are designed to impact on the student in both the "Teaching and Learning' and the 'Living and Learning' contexts.

STUDENT SUPPORT SERVICES OFFERED

- We offer a free, professional and confidential counselling, career and academic support service to all registered and prospective students of CHS. Some specific services offered are:
- Personal/Career Assessment and

Counselling

- Career Development Services
- Academic Skills Programmes
- Structured Student Retention and

Throughput Programme

- Crises/Trauma Management
- Lifeskills Development Programmes
- Peer Wellness Mentoring
- Academic Orientation
- Living and Learning Communities

CONTACT

Westville Campus: Block E3, (opposite the cafeteria) | Tel: 031-260 7087

Howard College Campus: Level 1, Desmond Clarence Building, Room 011/012 | Tel: 031-260 8060

Medical School Campus: 2nd Floor, Main Building, Room 238 | Tel: 031-260 4795
Email: chs.sss@ukzn.ac.za

GUIDELINES FOR THE SELECTION OF THE FIRST YEAR INTAKE

PRINCIPLES FOR SELECTION

The College of Health Sciences (CHS) at the University of KwaZulu-Natal (UKZN) receives in excess of 100 000 applications for its first year places. Whilst the CHS admits top performers from both the Senior Certificate as well as mature groups of students, there is a need to ensure transformation of the student body to reflect the population of KZN and South Africa.

DISCLAIMER ON DISABILITY

Prospective students seeking admission to the College of Health Sciences are encouraged to disclose on their CAO application form, any form of disability that they may have. The purpose of this information is to identify and plan for the reasonable academic accommodations required for you to have equal access to the academic programme.

BASIC REQUIREMENTS FOR SELECTION AND ADMISSION INTO THE MBCHB

UKZN is governed by a SADC agreement to accept applicants from countries in the region without a medical school, and a limited number

of places are currently reserved for these applicants from Lesotho only.

The MBChB programme at UKZN is fully accredited by the Health Professions Council of South Africa (HPCSA).

Students that apply for MBChB admission are made up of 'National Senior Certificate' (NSC) applicants and 'Mature' applicants.

International students are not considered for the MBChB programme, i.e. only SA citizens are eligible for admission, with the exception of the SADC agreement students.

Only Candidates who sit for the Grade 12 examinations during the year of application as well as candidates who have completed their NSC up to two years previously, but have not studied at a tertiary institution will be considered as NSC applicants.

To be eligible for placement in the MBChB programme, all candidates (including mature) must have achieved a minimum of 60% (level 5) in each of the following subjects, with an aggregate of 65%:

1. Mathematics
2. Physical Science
3. Life Sciences
4. English

In addition to the above, it is a legal requirement of the National Higher Education Department to have done Life Orientation for entrance into a University. In compliance with this, a level 4 pass has to be achieved in Life Orientation to be eligible to apply for placement.

The Mature students are categorized as those students that completed the National Senior Certificate/Matriculation/Grade12 examination and have completed one year or more of a relevant Bachelors degree at a recognised University in South Africa; and achieved an aggregate above 65% for their degree. This is an open competitive category and as a result of the competitive basis for placement, only students with outstanding marks will be selected. All mature students will be ranked and selected according to the highest qualification.

Students are also selected from Non-Fee Paying (Quintile 1, 2 and 3) schools. In this category, no racial quotas apply.

The remainder of the available places, will be offered to applicants who have completed the NSC or equivalent. These applicants are selected on merit based on their performance at School. All applicants will be offered conditional places based on the aggregate for grade 11 final results, with their final acceptance only confirmed once the final NSC results has confirmed that they maintained their level of performance. These candidates are selected according to their performance and demographics as follows: 69% African, 19% Indian, 9% Coloured, 2% White, 1% Other.

BASIC REQUIREMENTS FOR SELECTION AND ADMISSION INTO THE HEALTH SCIENCES PROGRAMMES

Students that apply for Health Sciences admission are made up of 'National Senior Certificate' (NSC) applicants, 'Mature' applicants and 'International' applicants.

Only Candidates who sit for the Grade 12 examinations during the year of application as well as candidates who have completed their NSC up to two years previously, but have not studied at a tertiary institution will be considered as NSC applicants.

Students are also selected from Non-Fee Paying (Quintile 1, 2 and 3) schools. In this category, no racial quotas apply.
All students will be ranked on merit.

In the 'mature' category, all applicants will be ranked iro their qualifications and preference will be given to the highest qualifications.

BASIC REQUIREMENTS FOR NURSING

As with all other programmes there are minimum requirements to be considered for selection.

Even if all minimum requirements are met, due to selection being based on academic excellence and the limited number of places available in the programme, acceptance into the programme occurs on a competitive basis after ranking on academic merit.

Applications will be considered from the NSC, 'mature' and international categories.
A total intake of 81 students will be accepted annually

BASIC REQUIREMENTS FOR B MEDICAL SCIENCES

As with all other programmes, there are minimum requirements to be considered for selection. Even if all minimum requirements are met, due to selection being based on academic excellence and the limited number of places available in the programme, acceptance into the programme occurs on a competitive basis after ranking on academic merit.

Applications will be considered from the NSC category only.

PROGRAMMES

The College of Health Sciences offers a range of undergraduate professional programmes on 4 different campuses, namely the Howard College Campus, Nelson R. Mandela School of Medicine in Umbilo, Pietermaritzburg campus and the Westville campus as well as various Decentralised Clinical Training sites.

AUDIOLOGY

An audiologist is a health care professional who specializes in identifying, assessing, and preventing hearing impairment. Audiologists have extensive training and skills to evaluate the hearing of adults, infants and children of all ages.

Audiologists work with patients as part of a multidisciplinary team of professionals to identify, assess and manage hearing; balance and other ear-related disorders.
Audiologists undertake hearing assessments, specialized diagnostic testing, the fitting of hearing aids, hearing conservation programmes in industry and therapy with hearing impaired children and adults.

The purpose of our 4-year programme is to provide South Africa and KwaZulu-Natal in particular, with skilled audiologists, to ensure

effective, efficient and accessible hearing health care service delivery in the public and private sectors, such as hospitals, special schools and industry.

BIOKINETICS

Biokinetics is a profession concerned with health promotion, maintenance of physical function and final phase rehabilitation, by means of scientifically-based physical activity and exercise prescription.

Biokineticists are clinical exercise specialists who use exercise as a preventive and therapeutic modality in managing musculoskeletal, metabolic, and chronic and hypokinetic disease conditions which are due to injury and a sedentary lifestyle. Biokinetics is a post- graduate specialization of Sport Science.

DENTAL THERAPY

Dental Therapists function as mid-level workers within the oral health team. Students qualifying with the Bachelor of Dental Therapy degree can work in the public sector as well as in private practice. They can perform clinical functions such as dental extractions, fillings, scaling and polishing, dental X-rays, local anaesthesia, and community interventions such as oral health education and promotion.

Training encompasses the acquisition of pre-clinical and clinical skills relevant to the scope of practice, and patient/client care in clinical and community settings. Students receive their training in various clinical and community platforms as arranged by the Discipline of Dentistry. In the third year of study, students spend most of their time working on patients in the different clinical disciplines of Dentistry which is within the scope of Dental Therapy. This is a three year programme.

DIETETICS AND HUMAN NUTRITION

Dietitians play a key role in creating a healthier world through science-driven nutrition care. Dietitians promote health, and prevent and manage disease conditions, through comprehensive dietary strategies. They assess nutritional needs, provide dietary management, support hospitalized patients requiring specialized nutrition, and design community-based nutrition programmes. The four-year Bachelor of Science In Dietetics and Human Nuitrition equips students with essential knowledge and practical skills through clinical placements and community outreach, preparing them to make a positive impact in various settings. Graduates, once registered with the Health Professions Council of South Africa (HPCSA), can work in the public or private sectors as well as in private practice.

Employment opportunities include working in public and private hospitals, clinics, community programmes, public health, the food industry and research institutions, helping individuals and communities thrive through science-driven nutrition interventions. This is a four year degree

MEDICINE

Few fields offer a wider variety of opportunities. Every day in communities around the country, doctors work in neighborhood clinics, hospitals, offices, even homeless shelters and schools to care for people in need.

Doctors also do many other things such as developing exciting new treatments for cancer, genetic disorders, and infectious diseases like HIV and AIDS.

Academic physicians share their skills and wisdom by teaching medical students and registrars.

Others doctors work with health maintenance organizations, pharmaceutical companies, medical device manufacturers, health insurance companies, or in corporations directing health and safety programs. People with medical skills are in demand everywhere. The 6 year MBChB programme at the Nelson R Mandela School of Medicine uses a mix of problem-based learning, didactic lectures, clinical bedside teaching, rural attachments and research electives. Candidates are exposed to clinical situations, from the first year onwards, with increasing time spent in wards and clinics with increasing responsibility.

Training requirements are governed by the Health Professions Council of South Africa (HPCSA) for the degree of MBChB.

MEDICAL SCIENCE (ANATOMY)

The purpose of this three year degree is to equip students with knowledge of how the body is structured (Anatomy).

It also introduces students to an understanding of how living cells function and provides the foundation of the macro- and micro-structure and function of the human body.

The B. Medical Science degree allows the student to progress to research in three of the basic sciences of medicine (Physiology, Anatomy or Biochemistry) through studying for an Honours postgraduate degree.One may choose to continue studying as a postgraduate student or to venture out into the world of work with career opportunities within academia where one may become a lecturer and or a researcher.

Many career opportunities exist in organizations such as the Medical Research Council or the Council of Scientific and Industrial Research. Opportunities also exist in private research institutions such as drug companies, research companies, pathology laboratories etc

MEDICAL SCIENCE (PHYSIOLOGY)

The three-year inter-disciplinary programme involves an in-depth study of how the human body functions.

The student will acquire knowledge of sub-cellular, cellular and whole-body mechanisms by which the human organism survives and interacts within its environment both in health and disease.

Career opportunities for graduates exist in medical, pharmaceutical and biological research laboratories, the food and beverage industries and in the education sector including schools, universities of technology and universities.

Physiologists acquire skills that will enable them to observe, investigate, demonstrate and report

in accordance with the scientific methods, on aspects of body function using human, animal and computer models.

NURSING

Registered nurses work to promote health, prevent disease, and help patients cope with illness. They are advocates and health educators for patients, families, and communities.

When providing direct patient care, they observe, assess, and record symptoms, reactions, and progress in patients; assist physicians during surgery, treatment, and examinations; administer medications; and assist in convalescence and rehabilitation.

The Bachelor of Nursing is a four-year, problem- based, community health-oriented programme which leads to registration as a general nurse, mental health nurse, community health nurse and midwife.

OCCUPATIONAL THERAPY

Occupational therapy is a person-centred profession that utilizes human potential to enable and empower people who are impaired or at risk of impairment, to be able to engage in the occupations of daily life.

Occupational therapy uses human occupation as a modality to promote health and well-being and to address problems that may arise as a result of illness, physical or psychological

impairment and disability or adverse social conditions and which may negatively impact on a person's ability to function independently.

Occupational Therapists work with individuals who have developmental, mental, emotional, and physical disabilities or those at risk of developing these types of disabilities.

After a holistic assessment, occupational therapists implement intervention plans that address the client's specific impairments and activity limitations, thus
ensuring that the client is able to function more effectively in their day-to-day life in the home, workplace and community.

The Bachelor of Occupational Therapy programme, allows the graduate to register as an independent practitioner with the Health Professions Council of South after a compulsory year of community service.
This is a four-year programme.

OPTOMETRY

Optometrists are able to detect vision problems and eye diseases by performing a comprehensive visual examination which includes testing colour perception, depth perception, and focusing and co-ordination ability.

They prescribe spectacles, contact lenses and certain drugs, to help treat vision problems.

Optometrists' management strategy may also include specialized treatment and therapies.

The multidisciplinary involvement includes caring for patients before and after surgery such as laser vision correction and cataract removal.

An optometrist can practice in the public or private sector, be actively involved in research, or lecture at an academic institution.
This is a four-year programme.

ORAL HYGIENE

The programme aims to train dental professionals as part of the oral health team in order to play preventive, promotive, supportive, curative and rehabilitative roles in the public and private sectors. Students qualifying with the Bachelor of Oral Hygiene degree can work in the public sector as well as in private practice, and can perform all functions within the scope of primary and secondary levels of prevention in dentistry.

They perform scaling and polishing, take dental x-rays, administer local anaesthesia, provide health education and promotion, and are able to examine and diagnose common oral diseases.

In the first year, students are trained in pre-clinical courses that equip them to work on patients. In the second year, they learn basic clinical skills and patient care at the Oral and Dental Training Hospital. In the third year, they spend most of their time working on patients in the different clinical disciplines within the scope of oral hygiene.

PHARMACY

Pharmacy is a dynamic, information driven, product- and patient-orientated profession, committed to meeting the health care needs of all health seeking communities.
The B. Pharmacy degree is a four-year programme, followed by a year of internship and a compulsory year of community service, before registration with the South African Pharmacy Council as a pharmacist.

The pharmacist, through inculcated competence and skills during the Bachelor of Pharmacy degree and the Pharmacy internship, is committed to meeting the health care needs of all health seeking communities by being the,

- custodian of medicines;
- formulator, manufacturer, distributor and controller of safe, effective and quality medicine;
- advisor on the safe, rational and appropriate use of medicine;
- provider of essential clinical services including screening and referral services;
- provider of health care education and information;
- provider of pharmaceutical care by taking responsibility for the outcome of therapy and by being actively involved in the design, implementation and monitoring of pharmaceutical plans;
- provider of cost- effective and efficient pharmaceutical services.(South African Pharmacy Council)

Qualified pharmacists have diverse and decrease employment opportunities and can work in the public as well as the private sector. They can work in community pharmacies, hospital pharmacies, pharmaceutical manufacturing/ research companies, pharmaceutical wholesale companies, government departments, non government organisations, medicine regulatory agencies and with the health insurance sector.

With postgraduate qualifications, a career in academia focusing on teaching and research can also be pursued.

PHYSIOTHERAPY

Physiotherapists help people max1m1se their quality of life, looking at physical, psychological, emotional and social wellbeing. They work in the health spheres of promotion, prevention, treatment and rehabilitation.

Physiotherapists are involved in the management of neurological, orthopaedic and cardiorespiratory patients and are trained to assess and treat individuals with acute conditions such as back pain and fractures as well as chronic conditions such as heart disease, HIV and stroke.

Several treatment modalities are used to help to relieve pain, increase mobility, improve function, and decrease long-term physical disabilities.

After reviewing a patient's medical history and discussing the patients' problems and goals, physiotherapists assess a number of factors, including the patient's posture, strength, function, breathing, coordination, and balance.

Physiotherapists also assess the patient's capability to function independently in the workplace or community. Based on these assessments, they then implement treatment plans that address the patient's specific impairments and activity limitations, thus ensuring that the patient is able to function more effectively in their day to day life.

B. Physiotherapy is a four-year programme with national relevance and international recognition.

The discipline has extensive access to primary, secondary and tertiary clinical training facilities in both urban and community settings.

SPEECH-LANGUAGE THERAPY

Speech-Language Therapy is a health care profession which aims to improve the quality of life of people who have or who are at risk of developing communication disorders.

It is closely related to the fields of audiology, medicine, education and psychology.

The Speech-Language Therapist is a professional who can identify, assess and manage people who have: speech problems (difficulties in pronunciation, lisping and stuttering); Language problems (difficulty understanding and using language to communicate); language learning problems (difficulties with reading and writing); voice problems (a "hoarse voice" or due to cancer of the throat); feeding and swallowing problems (restricted movement or hypersensitivity during feeding).

Services are offered to children and adults who have conditions such as cerebral palsy, cleft palate, autism, Down's syndrome, cognitive impairment, hearing impairment, and stroke and head injury.

Speech-Language Therapy is a four-year programme that focuses on theory and clinical practice. Graduates are required to do one year of compulsory community service upon completion of the programme.

SPORTS SCIENCE

This programme provides students with a greater understanding of the physiology and scientific bases for human performance in training, competition and recovery from sport and exercise.

It also provides students with skills for recreation and leisure management, the

health and fitness industry, coaching, teaching, working with disabled persons, with chronic disease patients the enhancement of sport performance and the prevention and rehabilitation of injuries.

Sports Scientists aim to improve health, prevent illness and help recovery from illness through programmes of physical activity and leisure time activities.

Sports Science has become more important as the link between physical activity and health is increasingly recognized. Athletes in most sports also see the application of Sports Science as an important part of their training.

The three-year programme provides opportunities for graduates in the field of personal training, sports coaching, management of Health and Wellness Centres, medical representatives for pharmaceutical companies and recreation personnel in the private and public sectors.

CONCLUSION

The College of Health Sciences serves 25 percent of South Africa's population, resident in KwaZulu-Natal.

The disease burden in the Province is ever increasing with health indicators reflecting an increase in infant, child and maternal mortality rates and morbidity.

In the face of this massively increasing burden and the declining numbers of health professionals and scientists, we encourage you to join us. We are proud of the history of our institution and its contributions to South Africa and Africa.

Come and be part of this dynamic Institution.

UNIVERSITY OF KWAZULU-NATAL
INYUVESI YAKWAZULU-NATALI

COLLEGE OF HEALTH SCIENCES

CONTACT DETAILS

Health Sciences Programmes
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INSPIRING GREATNESS