

Faculty of Health Sciences

Caring for tomorrow

We care. If you do too, then perhaps a career which has the well-being of people at heart is for you. There's nursing, psychology, social work, human movement science, sport management, pharmacy, environmental health, radiography or biomedical technology. The faculty has close ties with hospitals, clinics, community organisations and industry ensuring that you learn on the job even while you are studying. It's all part of our caring for tomorrow.

Department of Biomedical Technology and Radiography

Department of Environmental Health and Social Development Professions

Department of Human Movement Science

Department of Nursing Science

Department of Pharmacy

Department of Psychology

Admissions offices:

Port Elizabeth campuses: 041 504 1111
George Campus: 044 801 5111

Faculty officers:

Information on diploma and BTech programmes: 041 504 3359
Information on bachelor's degree programmes: 041 504 3463/2239
Information on Nursing Science and Pharmacy programmes: 041 504 2957

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DEPARTMENT OF BIOMEDICAL TECHNOLOGY & RADIOGRAPHY

The Department of Biomedical Technology and Radiography offers professional training and research opportunities in selected fields of the medical profession. The programmes in Biomedical Technology equip students with specialised knowledge and research skills in the fields of haematology, chemical pathology and anatomical pathology. At NMMU training is offered in diagnostic radiography.

Qualification	Programme overview	Delivery mode & duration of study	APS	Admission requirements	APS testing band	Career opportunities
Diploma (Dip)						
Dip (Biomedical Technology)	The student medical technologist receives training in: <ul style="list-style-type: none"> • Microbiology (the study of micro-organisms), • Chemical pathology (diagnostic biochemical analysis), • Cellular pathology (the study of human cells and tissue), and • Haematology (the study of blood cells and blood diseases). Each student is required by law to register with the Health Professions Council of South Africa (HPCSA) as a student medical technologist.	Full-time 3 years	32	<ul style="list-style-type: none"> • Minimum statutory NSC requirements for diploma entry must be met. • English, Afrikaans or isiXhosa (home language or first additional language) on at least a level 3 (40-49 %). • Mathematics 3 (40-49%). • Physical Sciences 3 (40-49%). • Life Sciences 3 (40-49%). Applicants are subject to departmental selection.	Must meet APS directly	Medical technologists are highly trained professionals who work in a medical laboratory. They may also be required to prepare serums and vaccines and may become involved in medical research.
Dip: Radiography (Diagnostic)	This programme prepares students for the professional field of diagnostic radiography which entails the production of x-ray images of the human body in order to diagnose disease. Employment as a student radiographer by an approved hospital is usually a requirement of the course. The theoretical and practical components of the course are covered concurrently. Upon completion of training, all students are required by law to undertake one year of community service. This is a prerequisite for registration with the HPCSA as a radiographer.	Full-time 3 years	32	<ul style="list-style-type: none"> • Minimum statutory NSC requirements for diploma entry must be met. • English, Afrikaans or isiXhosa (home language or first additional language) on at least a level 3 (40-49%). • Mathematics 2 (30-39%) or Mathematical Literacy 6 (70-79%). • Physical Sciences and/or Life Sciences 2 (30-39%). • Applicants must also be physically fit. About 25 students are selected annually and will be notified in writing by November.	Must meet APS directly	Diagnostic radiographer.
Bachelor of Technology (BTech) (The BTech degree forms the fourth year of study after completing the diploma)						
BTech (Biomedical Technology)	This degree programme develops the student into a professional medical technology practitioner. The course includes four major fields: biochemistry, integrated pathophysiology, laboratory management and research methodology.	Full-time 1 year Part-time 2 years		Dip (Biomedical Technology) or an equivalent qualification.		Medical technologists are highly trained professionals who work in a medical laboratory. They may also be required to prepare serums and vaccines and may become involved in medical research.
BTech: Radiography (Diagnostic)	This degree programme equips the qualified diagnostic radiographer with further knowledge of the technological advances in diagnostic imaging, as well as quality assurance and professional development. Management and research methods are included to prepare the student for managerial functions and/or research.	Part-time 2 years		Dip: Radiography (Diagnostic) or degree in diagnostic radiography.		Senior positions in the field of diagnostic radiography.

DEPARTMENT OF HUMAN MOVEMENT SCIENCE

The Department of Human Movement Science offers students the opportunity to specialise in biokinetics, recreation, sport management and sport science. The department also houses the Biokinetics and Sports Science Unit. This unit deals with people with exercise risks and also provides services to top sportspeople to enhance their performance. It also forms an integral part of the academic training of undergraduate and postgraduate students. The unit also provides a fully-accredited biokinetics practice where qualified students can complete their internship.

Diploma (Dip)						
Dip (Sport Management)	This programme equips students with the knowledge, attitudes and skills which are essential for a successful career in sport management.	Full-time 3 years	30	<ul style="list-style-type: none"> • Minimum statutory NSC requirements for diploma entry must be met. 	22 - 29	The sport manager is involved in the management of sport and recreation facilities, events and services, to people who

Qualification	Programme overview	Delivery mode & duration of study	APS	Admission requirements	APS testing band	Career opportunities
	<p>The programme also provides the opportunity for students to fully realise their potential in the one sport in which they chose to specialise.</p> <p>Students are required to belong and compete for a club of their specialist sport, approved by the Human Movement Science department, and to involve themselves in the administration of the club.</p> <p>Apart from the academic programme, students are expected to attend special courses and excursions and involve themselves in projects that are arranged for their benefit. These activities are not necessarily accommodated in the academic fee structure.</p>			<ul style="list-style-type: none"> English, Afrikaans or isiXhosa (home language or first additional language) on at least a level 3 (40-49%). Mathematics 2 (30-39%) or Mathematical Literacy 3 (40-49%). Active participation in competitive sport as approved by the department. Preference will be given to students who have excelled in sport and/or who have extensive involvement in sport. 		<p>participate in sport and recreation for either leisure time or professional reasons.</p> <p>Career opportunities available include sport administrator, sport marketer, sport agent, sport manager, sport development officer, sport commentator, sport entrepreneur.</p>
Bachelor of Technology (BTech) (The BTech degree forms the fourth year of study after completing the diploma)						
BTech (Sport Management)	This degree programme equips diplomates with advanced knowledge and skills that enable students to manage and promote sport and exercise at a strategic level.	Full-time 1 year Part-time 2 years		Dip (Sport Management) or equivalent three-year qualification, with an average of 60% in all major subjects at final-year level. Relevant work experience will be considered should candidates not have attained the required 60% for their major subjects.		<p>The sport manager is involved in the management of sport and recreation facilities, events and services, to people who participate in sport and recreation for either leisure time or professional reasons.</p> <p>Career opportunities are listed above.</p>
Bachelor of Arts (BA)						
BA (Human Movement Science)	<p>This programme allows students to specialise in one of four different areas of human movement science, and to complement this with additional subjects such as languages, psychology or physiology, to suit their career plans. The four specialisation areas are:</p> <ul style="list-style-type: none"> Exercise science Recreation Sport management Sport science. 	Full-time 3 years	36	<ul style="list-style-type: none"> Minimum statutory NSC requirements for degree entry must be met. English, Afrikaans or isiXhosa (home language or first additional language) on at least a level 3 (40-49%). Mathematics 2 (30-39%) or Mathematical Literacy 4 (50-59%). Candidates are required to pass a medical examination. 	26 - 35	<p>Career opportunities include teaching, school and professional sport coaching, exercise and fitness instruction, sport management lecturing and research, sport psychology, biokinetics, and sport science.</p> <p>The latter three occupations would require an additional postgraduate qualification.</p> <p>National, provincial and local government as well as institutions such as universities and police services employ sport and recreation specialists and managers.</p>
Bachelor of Human Movement Science (BHMS)						
BHMS (Human Movement Science)	<p>This programme allows students to specialise in one of four different areas of human movement science, and to complement this with additional subjects such as languages, psychology or physiology, to suit their career plans. The four specialisation areas are:</p> <ul style="list-style-type: none"> Exercise science Recreation Sport management Sport science. <p>Take note:</p> <ul style="list-style-type: none"> For students with an interest in business, NMMU also offers a BCom in Sport and Recreation Management. Human Movement Science can also be combined with Physiology and Biochemistry in a BSc degree. Candidates may also enrol for a BA degree with majors in Human Movement Science. 	Full-time 3 years	36	<ul style="list-style-type: none"> Minimum statutory NSC requirements for degree entry must be met. English, Afrikaans or isiXhosa (home language or first additional language) on at least a level 3 (40-49%). Mathematics 2 (30-39%) or Mathematical Literacy 4 (50-59%). Candidates are required to undergo a medical examination. 	26 - 35	<p>Career opportunities include teaching, school and professional sport coaching, exercise and fitness instruction, sport management lecturing and research, sport psychology, biokinetics, and sport science.</p> <p>The latter three occupations would require an additional postgraduate qualification.</p> <p>National, provincial and local government as well as institutions such as universities and police services employ sport and recreation specialists and managers. The rapidly-growing fitness industry needs professionals such as personal trainers, instructors, and gym managers. There are also opportunities in sports marketing and promotions, sports journalism or commentating.</p>

DEPARTMENT OF NURSING SCIENCE

The Department of Nursing Science equips students with the professional knowledge and skills to take their place alongside other professionals in the multi-disciplinary health team. Once they are registered with the South African Nursing Council in the four basic disciplines incorporated in the BCur degree (general, psychiatric, community nursing and midwifery), the scope of employment is wide. The department also offers career advancement programmes to professionals already holding a post in the field. These programmes include training in fields such as community nursing science, nephrology nursing science, nursing education and nursing administration.

Qualification	Programme overview	Delivery mode & duration of study	APS	Admission requirements	APS testing band	Career opportunities
Bachelor of Nursing Science (BCur)						
BCur (Nursing Science) Extended Curriculum	<p>This programme for BCur studies provides alternative university access to students who have the potential to succeed, but do not meet the minimum admission requirements for the mainstream programme.</p> <p>The purpose of the programme is to integrate additional academic support and skills development with mainstream courses in order to prepare the student for successful completion of the BCur degree.</p>	Full-time 5 years		<ul style="list-style-type: none"> Minimum NSC requirements for degree entry must be met. In exceptional cases however, candidates who only meet the minimum NSC requirements for diploma entry may be considered. English, Afrikaans or isiXhosa (home language or first additional language) on at least a level 3 (40-49%). Mathematics 2 (30-39%) or Mathematical Literacy 3 (40-49%). Life Sciences 2 (30-39%). Physical Sciences 2 (30-39%). Candidates must perform satisfactorily in the NMMU access assessment test. 		See career opportunities below.
BCur (Nursing Science)	<p>This programme prepares students to meet the unique needs of individual patients, families and communities as a professional nurse and midwife. Practical work is an integral part of this programme.</p> <p>The programme comprises lectures on campus and clinical practicals in nearby general, maternity and psychiatric hospitals and in community health fields. Practical placements are arranged for students by the Department of Nursing Science. This is supplemented by clinical teaching in a simulated laboratory and in actual patient situations.</p>	Full-time 4 years	36	<ul style="list-style-type: none"> Minimum statutory NSC requirements for degree entry must be met. English, Afrikaans or isiXhosa (home language or first additional language) on at least a level 3 (40-49%). Mathematics 3 (40-49%) or Mathematical Literacy 4 (50-59%). Life Sciences 3 (40-49%). Physical Sciences 3 (40-49%). Students must be registered as student nurses with the South African Nursing Council. Such registration will be undertaken by the Department of Nursing Science on behalf of students after enrolment. Students must submit a satisfactory medical report, on the prescribed form, to the Registrar before registration. 	26 - 35	<p>Registered nurses may work in private or state hospitals, comprehensive health care clinics, communities, or in private practice.</p> <p>South African registered nurses are not only in demand in this country, but are also sought after internationally.</p>

DEPARTMENT OF PHARMACY

Close contact with Nelson Mandela Bay's major hospitals, the pharmaceutical industry, and community pharmacies means NMMU's Pharmacy Department is well-positioned to educate and train students in the diverse aspects of pharmaceutical practice. The degree programme is strongly patient-orientated and students in the final year of study interact closely with doctors and patients during weekly hospital visits. This practical focus has become the clinical specialty unique to the training of pharmacists at NMMU, which leads the field in producing graduates able to meet the needs and expectations of their profession and community.

Bachelor of Pharmacy (BPharm)

BPharm (Pharmacy) Extended Curriculum	<p>This programme for BPharm studies provides alternative university access to students who have the potential to succeed, but do not meet the minimum admission requirements for the mainstream programme.</p> <p>The purpose of the programme is to integrate additional academic support and skills development with mainstream courses in order to prepare the student for successful completion of the BPharm degree.</p>	Full-time 5 years		<ul style="list-style-type: none"> Minimum NSC requirements for degree entry must be met. In exceptional cases however, candidates who only meet the minimum NSC requirements for diploma entry may be considered. English, Afrikaans or isiXhosa (home language or first additional language) on at least a level 3 (40-49%). Mathematics 3 (40-49%). Physical Sciences 2 (30-39%). 	30 - 34	See career opportunities overleaf.
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Qualification	Programme overview	Delivery mode & duration of study	APS	Admission requirements	APS testing band	Career opportunities
BPharm (Pharmacy)	<p>The programme covers four main subject areas:</p> <ul style="list-style-type: none"> • Pharmacology and applied therapeutics, • Pharmaceutical chemistry, • Pharmaceutics, and • Pharmacy practice. <p>Research elective courses are offered in the final year of study. In order to register as a pharmacist with the South African Pharmacy Council, after obtaining the BPharm degree, students must successfully complete one year internship and one year's compulsory community service. The internship year may be done in hospitals, community (retail) pharmacies, the pharmaceutical manufacturing industry, or in academia if continuing with postgraduate studies.</p>	Full-time 4 years	38	<ul style="list-style-type: none"> • Minimum statutory NSC requirements for degree entry must be met. • English, Afrikaans or isiXhosa (home language or first additional language) on at least a level 3 (40-49%). • Mathematics 5 (60-69%). • Physical Sciences 5 (60-69%). • Places are limited and admission is subject to selection. 	35 - 37	<p>There is a critical shortage of pharmacists in South Africa and internationally.</p> <p>As experts in medicines, pharmacists are responsible for the manufacture and distribution of medicines used to treat and prevent disease in people and animals.</p> <p>Pharmacists are employed in, and often own, community (retail) pharmacies. In hospital pharmacies, they dispense medicines and review their use, while in the pharmaceutical manufacturing industry they make test and market medicinal products.</p> <p>Educational institutions also employ pharmacy graduates as lecturers and researchers.</p>

DEPARTMENT OF PSYCHOLOGY

The Department of Psychology offers a wide range of study opportunities in the field of psychology providing training for individuals who want to develop psychological knowledge and people skills for use in people-orientated careers, as well as professional training in psychology that will lead to registration as counsellors or psychologists with the Health Professions Council of South Africa (HPCSA). Apart from clinical, educational and research psychology, the department also offers study opportunities in the field of sport psychology in collaboration with the Department of Human Movement Science. The University Psychology Clinic (UCLIN) is an outpatient unit concerned with the assessment and treatment of children, adolescents and adults who are experiencing educational, emotional and/or behavioural difficulties. UCLIN is also a training and research unit for professional training of postgraduate students.

Bachelor of Arts (BA)

BA (Psych)	This programme is geared for students who wish to accumulate the required credits in psychology with a view to qualifying for admission to postgraduate studies in psychology.	Full-time 3 years	36	<ul style="list-style-type: none"> • Minimum NSC requirements for degree entry must be met. • English, Afrikaans or isiXhosa (home language or first additional language) on at least a level 3 (40-49%). • Mathematics 2 (30-39%) or Mathematical Literacy 4 (50-59%). 	26 - 35	
BA: Psych (Psychology)	<p>This programme provides training for students who want to develop psychological knowledge and people skills for use in people-oriented careers. It also provides the foundation from which a professional qualification in psychology can be built.</p> <p>Students who wish to gain a professional qualification will undergo a selection process for the BPsych (Counselling) programme after the second year of the BA in Psychology.</p> <p>The core modules cover the following broad areas: development psychology, health psychology, social psychology, psychopathology, psychological evaluation, assessment & research, psychological intervention, and personality psychology.</p> <p>Applied or practical psychology modules are built onto this foundation.</p> <p>Subjects from disciplines such as social development computer science and information systems, statistics, and languages are also part of the curriculum.</p>	Full-time 3 years Part-time 4 years	36	<ul style="list-style-type: none"> • Minimum NSC requirements for degree entry must be met. • English, Afrikaans or isiXhosa (home language or first additional language) on at least a level 3 (40-49%). • Mathematics 2 (30-39%) or Mathematical Literacy 4 (50-59%). 	26 - 35	Careers in the field of community development, pastoral and missionary work, childcare, and lay counselling.

Qualification	Programme overview	Delivery mode & duration of study	APS	Admission requirements	APS testing band	Career opportunities
Bachelor of Psychology (BPsych)						
BPsych: Counsel (Counselling Psychology)	<p>This programme provides professional training in psychology and leads to registration as a registered counsellor with the Health Professions Council of South Africa (HPCSA).</p> <p>The skills acquired in this versatile programme may be applied in the following types of settings: health and wellness facilitation, family and marital relations, career development (guidance), educational assessment and intervention, industrial and organisational contexts.</p> <p>BPsych candidates will build on the foundation laid in their first two years of training. In the fourth year, theoretical and applied training will be complemented by a compulsory six-month practical internship where students will have to show proficiency in working within their chosen settings.</p> <p>Take note: Holders of this degree qualify for registration as registered counsellors with the Professional Board for the Health Professions Council of South Africa provided that they pass an examination set by the Professional Board for Psychology.</p>	Full-time 4 years		<p>Candidates must first be admitted to the BA (Psych) programme and complete 90% of the credits prescribed for the first two years of study before they can be considered for admission to the BPsych (Counselling).</p> <p>All candidates shall be subject to selection. Those who are not selected will be able to continue with the BA (Psychology) programme.</p>		Registered counsellor in private practice, or working for government, community or non-governmental organisations, schools, academia, or in business and industry.
BPsych: Sport Psych (Sport Psychology)	<p>This programme provides professional training in psychology and human movement science, and will qualify the candidate for registration as a registered counsellor with the Health Professions Council of South Africa (HPCSA). The programme meets the registration requirements of the Professional Board of Psychologists.</p> <p>Graduates of the programme will have:</p> <ul style="list-style-type: none"> an in-depth and critical understanding of human behaviour in various contexts, including the sports arena; the ability to assess and intervene on individual, group and community level in sport psychology; and the interpersonal, career-exploration and work-related skills to be an effective sport psychology counsellor, sports coach and exercise specialist. <p>Take note: Holders of this degree qualify for registration as registered counsellors with the Health Professions Council of South Africa provided that they pass an examination set by the Professional Board for Psychology.</p>	Full-time 4 years	36	<ul style="list-style-type: none"> Minimum statutory NSC requirements for degree entry must be met. English, Afrikaans or isiXhosa (home language or first additional language) on at least a level 3 (40-49%). Mathematics 2 (30-39%) or Mathematical Literacy 4 (50-59%). Candidates must pass a medical examination as required by the Department of Human Movement Science. <p>During the second year of study the candidates are required to undergo a selection process for entry into the final two years of study. Both academic progress (60% and above) and personality characteristics are considered.</p>	26 - 35	<p>The increased involvement of South African sportspeople in international sport and the professionalisation of sport creates exciting career opportunities for sport psychologists.</p> <p>The skills acquired in this versatile programme may be applied in the fields of sport performance enhancement, sports coaching, exercise and fitness, health and wellness facilitation, and counselling.</p>

DEPARTMENT OF ENVIRONMENTAL HEALTH & SOCIAL DEVELOPMENT PROFESSIONS

The Department of Environmental Health and Social Development Professions is committed to excellence and relevance in the education of social workers, youth workers and environmental health practitioners. The department offers undergraduate and postgraduate study opportunities that will lead to registration with professional bodies, such as the Council for Social Service Professions and the Health Professional Council of South Africa (HPCSA).

Diploma (Dip)

Dip (Environmental Health)	<p>Students receive theoretical and practical training in community development, environmental pollution, epidemiology, food and meat hygiene, occupational health and safety and management practice.</p> <p>Each student is required by law to register with the Health Professional Council of South Africa (HPCSA) as a student environmental health practitioner.</p>	Full-time 3 years	32	<ul style="list-style-type: none"> Minimum statutory NSC requirements for diploma entry must be met. English, Afrikaans or isiXhosa (home language or first additional language) on at least a level 3 (40-49%). Mathematics 2 (30-39%) or Mathematical Literacy 6 (70-79%). Physical Sciences 2 (30-39%). 	26 - 31	<p>Environmental health practitioners protect people from any condition which could be hazardous to their health.</p> <p>A diplomate may also practice as an occupational hygienist, audiometrist or environmental health consultant.</p>
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Qualification	Programme overview	Delivery mode & duration of study	APS	Admission requirements	APS testing band	Career opportunities
	Upon completion of training, students are required by law to undertake one year of community service. Completion of community service is a prerequisite for registration with the HPCSA.			RECOMMENDED NSC SUBJECTS: Life Sciences, Geography, History, Accounting Selected students are notified during October of each year. Admission is subject to selection by the department.		
Bachelor of Technology (BTech) (The BTech degree forms the fourth year of study after completing the diploma)						
BTech (Environmental Health)	This degree programme equips qualified environmental health professionals with further knowledge relating to their profession.	Full-time 1 year Part-time 2 years		Dip (Environmental Health) or equivalent qualification.		Environmental health practitioners may practice as an occupational hygienist, audiometrist or environmental health consultant.
Bachelor of Arts (BA)						
BA (Youth Work)	This degree is designed for school-leavers as well as for adult learners who are already involved in youth work but do not have formal qualifications. The programme provides a combination of theoretical knowledge and practical skills, based on research into the challenges and learning needs of those working with the youth.	Full-time 3 years	36	<ul style="list-style-type: none"> Minimum statutory NSC requirements for degree entry must be met. English, Afrikaans or isiXhosa (home language or first additional language) on at least a level 3 (40-49%). Mathematics 2 (30-39%) or Mathematical Literacy 4 (50-59%). Applicants are subject to departmental selection.	26 - 35	Employment as youth worker can be found with organisations such as the Red Cross, government departments, and non-governmental organisations, including welfare organisations, churches, community-based organisations, youth clubs and community centres.
BA (Social Work)	Students can also study for a BA degree with a curriculum in social work. Take note: Holders of this degree qualify for registration as auxiliary social workers with the Council for Social Service Professions. This is an exit qualification for students who do not wish to complete the bachelor of social work (BSW) qualification.	Full-time 3 years	36	<ul style="list-style-type: none"> Minimum statutory NSC requirements for degree entry must be met. English, Afrikaans or isiXhosa (home language or first additional language) on at least a level 3 (40-49%). Mathematics 2 (30-39%) or Mathematical Literacy 4 (50-59%). Candidates must register as student social workers before commencing with any of the practical or applied modules at community-based organisations.	26 - 35	There are employment opportunities for social workers in family and child welfare organisations, government departments such as health and welfare, prisons, hospitals, industry, the police and defence force, and organisations that work with issues such as mental health, disabilities and illnesses.
Bachelor of Social Work (BSW)						
BSW (Social Work)	This programme is made up of compulsory fundamental and core modules, as well as a choice of elective modules which can be selected according to the student's interests. Elective modules also open up the option to broaden your studies with modules from the social and economic sciences. Practical work is an integral part of the degree from second year level. Graduates qualify for registration as social workers with the Council for Social Service Professions.	Full-time 4 years	36	<ul style="list-style-type: none"> Minimum statutory NSC requirements for degree entry must be met. English, Afrikaans or isiXhosa (home language or first additional language) on at least a level 3 (40-49%). Mathematics 2 (30-39%) or Mathematical Literacy 4 (50-59%). Candidates must register as student social workers before commencing any of the practical or applied modules at community-based organisations. Applicants are subject to departmental selection.	26 - 35	There are employment opportunities for social workers in family and child welfare organisations, government departments such as health and welfare, prisons, hospitals, industry, the police and defence force, and organisations that work with issues such as mental health, disabilities and illnesses.